CETECOM™

Full

GSM TEST REPORT

No. SH_GT_303806

according to GCF-CC (v3.36.0) and NAPRD03 (v5.2)

for

SIMCOM

GSM 850/900/1800/1900

User Equipment Type SIM900

with

Final Hardware Version: V2.03

Final Software Version: SIM900 R11.0

This test report consists of 16 pages and the following annexes:

Annex A - Accreditation Certificate	**2 pages**
Annex B - Test Equipment	**8 pages**
Annex C - PICS/PIXIT Information	**18 pages**
Annex D - Photographs	**2 pages**
Annex E - Detailed Test Results	**82 pages**

Date of Report: 2010-03-02

***CETECOM* Shanghai is accredited according to DIN EN ISO/IEC 17025 by:**

Deutsche Gesellschaft für Akkreditierung mbH

DGA

DGA-PL-176/94-I1

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1. Test Results

1.1. Summary of Test Results

Tables 1a and 1b summarize the final test results of the tested user equipment. Detailed results for each test case including the used/subcontracted testing location (according to sec. 2.2) are documented in Annex E of this test report. An explanation of the terms used for each column in tables 1a and 1b is given below.

Table 1a: Summary of Test Results according to GCF related Frequency Bands

Specification		Amount of Test Cases								
		GSM 900			GSM 1800			GCF NI		
No.	Description	PASS	FAIL	INC	PASS	FAIL	INC	PASS	FAIL	INC
3GPP TS 51.010-1										
11	General Tests	0	0	0	0	0	0	0	0	0
12	Transceiver	**6**	0	0	**6**	0	0	0	0	0
13	Transmitter	**41**	0	0	**41**	0	0	0	0	0
14	Receiver	**41**	0	0	**41**	0	0	0	0	0
15	Timing advance and absolute delay	**1**	0	0	**1**	0	0	0	0	0
16	Reception time tracking speed	**1**	0	0	**1**	0	0	0	0	0
17	Access times during handover	**2**	0	0	**2**	0	0	0	0	0
18	Temporary reception gaps	**1**	0	0	**1**	0	0	0	0	0
19	Channel release after unrecoverable errors	**3**	0	0	**3**	0	0	0	0	0
20	Cell selection and reselection	**17**	0	0	**28**	0	0	0	0	0
21	Received signal measurements	**12**	0	0	**12**	0	0	0	0	0
22	Transmit power control timing and confirmation	**2**	0	0	**2**	0	0	0	0	0
25	Tests of layer 2 signalling functions	0	0	0	0	0	0	0	0	0
26	Testing of layer 3 functions	**55**	0	0	**61**	0	0	0	0	0
27	Testing SIM/ME interface	**1**	0	0	0	0	0	**10**	0	0
28	Test of autocalling restrictions	0	0	0	0	0	0	0	0	0
29	Testing of bearer services	0	0	0	0	0	0	0	0	0
30	Speech teleservices	0	0	0	0	0	0	0	0	0
31	Test of supplementary services	**6**	0	0	**2**	0	0	0	0	0
32	Testing of speech transcoding functions	**2**	0	0	**2**	0	0	0	0	0
33	Mobile station features	0	0	0	0	0	0	0	0	0
34	Short message service (SMS)	0	0	0	0	0	0	0	0	0
41	GPRS Paging, TBF establishment/release and DCCH related procedures	**16**	0	0	**16**	0	0	0	0	0
42	Test of Medium Access Control (MAC) protocol	**44**	0	0	**44**	0	0	0	0	0
43	RLC Test Cases	0	0	0	0	0	0	0	0	0
44	Test Case requirements to GPRS mobility management	0	0	0	0	0	0	0	0	0
45	Session Management Procedure	0	0	0	0	0	0	0	0	0
46	LLC and SNDCP Tests	0	0	0	0	0	0	0	0	0
47	Dual Transfer Mode	0	0	0	0	0	0	0	0	0
51	EGPRS Paging, TBF establishment/release and DCCH related procedures	0	0	0	0	0	0	0	0	0
52	EGPRS Test of Medium Access Control (MAC) protocol	0	0	0	0	0	0	0	0	0
53	Test of EGPRS Radio Link Control (RLC) Protocol	0	0	0	0	0	0	0	0	0
57	EGPRS Dual Transfer Mode	0	0	0	0	0	0	0	0	0
58	void	0	0	0	0	0	0	0	0	0
60	Inter-system hard handover from GSM to UTRAN	0	0	0	0	0	0	0	0	0
Testing SIM interface, Reference: 3GPP TS 51.010-4		0	0	0	0	0	0	0	0	0
	Total:	**251**	**0**	**0**	**263**	**0**	**0**	**10**	**0**	**0**

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Table 1b: Summary of Test Results according to PTCRB related Frequency Bands

Specification		Amount of Test Cases											
		GSM 850			GSM 1900			PTCRB NI			PTCRB Bearer Agnostic		
No.	Description	PASS	FAIL	INC	PASS	FAIL	INC	PASS	FAIL	INC	PASS	FAIL	INC
3GPP TS 51.010-1													
11	General Tests	0	0	0	**3**	0	0	0	0	0	0	0	0
12	Transceiver	**6**	0	0	**6**	0	0	0	0	0	0	0	0
13	Transmitter	**23**	0	0	**23**	0	0	0	0	0	0	0	0
14	Receiver	**58**	0	0	**58**	0	0	0	0	0	0	0	0
15	Timing advance and absolute delay	**1**	0	0	**1**	0	0	0	0	0	0	0	0
16	Reception time tracking speed	**1**	0	0	**1**	0	0	0	0	0	0	0	0
17	Access times during handover	**2**	0	0	**2**	0	0	0	0	0	0	0	0
18	Temporary reception gaps	**1**	0	0	**1**	0	0	0	0	0	0	0	0
19	Channel release after unrecoverable errors	**3**	0	0	**2**	0	0	0	0	0	0	0	0
20	Cell selection and reselection	**15**	0	0	**31**	0	0	0	0	0	0	0	0
21	Received signal measurements	**12**	0	0	**12**	0	0	0	0	0	0	0	0
22	Transmit power control timing and confirmation	**3**	0	0	**3**	0	0	0	0	0	0	0	0
25	Tests of layer 2 signalling functions	0	0	0	**19**	0	0	0	0	0	0	0	0
26	Testing of layer 3 functions	**49**	0	0	**193**	0	0	0	0	0	**4**	0	0
27	Testing SIM/ME interface	0	0	0	**20**	0	0	**36**	0	0	0	0	0
29	Testing of bearer services	0	0	0	**5**	0	0	0	0	0	0	0	0
30	Speech teleservices	0	0	0	0	0	0	0	0	0	0	0	0
31	Test of supplementary services	0	0	0	**90**	0	0	0	0	0	0	0	0
33	Mobile station features	0	0	0	**1**	0	0	0	0	0	0	0	0
34	Short message service (SMS)	0	0	0	**4**	0	0	0	0	0	0	0	0
41	GPRS Paging, TBF establishment/release and DCCH related procedures	**23**	0	0	**49**	0	0	0	0	0	0	0	0
42	Test of Medium Access Control (MAC) protocol	**45**	0	0	**74**	0	0	0	0	0	0	0	0
43	RLC Test Cases	0	0	0	**11**	0	0	0	0	0	0	0	0
44	Test Case requirements to GPRS mobility management	0	0	0	**51**	0	0	0	0	0	0	0	0
45	Session Management Procedure	0	0	0	**9**	0	0	0	0	0	0	0	0
46	LLC and SNDCP Tests	0	0	0	**52**	0	0	0	0	0	0	0	0
51	EGPRS Paging, TBF establishment/release and DCCH related procedures	0	0	0	0	0	0	0	0	0	0	0	0
52	EGPRS Test of Medium Access Control (MAC) protocol	0	0	0	0	0	0	0	0	0	0	0	0
53	Test of EGPRS Radio Link Control (RLC) Protocol	0	0	0	0	0	0	0	0	0	0	0	0
60	Inter-system hard handover from GSM to UTRAN	0	0	0	0	0	0	0	0	0	0	0	0
70	Location Services	0	0	0	0	0	0	0	0	0	0	0	0
90	Text Telephony (TTY) Services	0	0	0	0	0	0	0	0	0	0	0	0
Testing SIM interface, Reference: 3GPP TS 51.010-4		0	0	0	**124**	0	0	**91**	0	0	0	0	0
TTY Test Cases, Reference: NAPRD03 Annex H6		0	0	0	0	0	0	0	0	0	0	0	0
Request for Tests (RFT), Reference: NAPRD03 Annex H7		0	0	0	**2**	0	0	0	0	0	0	0	0
TTY Test Cases, Reference: PTCRB Bearer Agnostic TTY Test Specification		0	0	0	0	0	0	0	0	0	0	0	0
	Total:	**242**	**0**	**0**	**847**	**0**	**0**	**127**	**0**	**0**	**4**	**0**	**0**

Note: **2 of 2 FAIL test results in the PTCRB Bearer Agnostic frequency band refer to PTCRB category "E" and are therefore not relevant for the PTCRB certification.**

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The following terms are used in tables 1a and 1b above:	
Specification:	Name/Identifier of the used test specification for GSM testing.
No.:	Test section number of the indicated Mobile Station Conformance Specification.
Description:	Test section title of the indicated Mobile Station Conformance Specification.
PASS:	Amount of test cases which are conformant to the applied standards in the given GSM frequency band.
FAIL:	Amount of test cases which are not conformant to the applied standards in the given GSM frequency band.
INC:	Inconclusive: Amount of test cases with ambiguous results to the applied standards in the given GSM frequency band.

1.2. *CETECOM* Shanghai's different Types of GSM Test Reports

CETECOM Shanghai issues the following two different types of GSM test reports:

Full GSM Test Report: This type of test report contains within Annex E a list of all test cases referenced in the corresponding "Leading Reference Documents for Testing" (see table 2 in section 4.1). Full GSM test reports contain a verification conclusion in section 1.5.

Partial GSM Test Report: This type of test report contains within Annex E a subset of test cases requested by the client and/or what is deemed necessary by *CETECOM* Shanghai after a review of an existing product with respect to modification. No verification conclusion is given for this type of test report.

1.3. Documentation received from the Client/Manufacturer

CETECOM Shanghai has received the PICS/PIXIT information for the equipment under test from the client and/or manufacturer (please refer to Annex C of this test report for details) which was the basis for accredited testing.

CETECOM Shanghai has received sufficient documentation from the client and/or manufacturer to perform the tests as listed in Annex E of this report.

1.4. Validity of Test Results

The test results given in this test report only relate to the user equipment as specified in section 3.

1.5. Conclusion

CETECOM Shanghai has verified that all relevant tests as listed in Annex E of this report have been performed successfully with the tested user equipment type.

Lisa Song

Ms. Lisa Song
Project Manager
(Author of the Test Report)

Chen Yi

M. Sc. Yi CHEN
Deputy Project Manager
(Verification of the Test Report)

James Xia

James Xia
Deputy Test Lab Manager
(Responsible for and Authorization of the Test Report)

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2. Administrative Data

2.1. Identification of the Responsible Testing Laboratory

Company Name:	*CETECOM* Shanghai
Department:	Mobile Communications
Address:	Rm. 102, Building 27, No. 1387 Zhangdong Rd. 201203 Shanghai P.R. China
Telephone:	+86 21 6879 5890
Fax:	+86 21 6879 5786
Responsible Test Lab Manager:	James Xia

2.2. Identification of the Testing Location(s)

Company Name: (leading testing location)	*CETECOM* Shanghai
Address:	Rm. 102, Building 27, No. 1387 Zhangdong Rd. 201203 Shanghai P.R. China

Company Name: (subcontracted testing location)	*CETECOM* GmbH
Address:	Im Teelbruch 116 D-45219 Essen Germany

Company Name: (subcontracted testing location)	*CETECOM* GmbH
Address:	Kapellenstraße 13 85622 Feldkirchen / Munich Germany

2.3. Organisational Items

***CETECOM* Shanghai Reference No.:**	1-4036/09
***CETECOM* Shanghai Order No.:**	
***CETECOM* Shanghai Project Manager:**	Ms. Lisa Song
***CETECOM* Shanghai Deputy Project Manager:**	M. Sc. Yi CHEN
Start of Testing:	2009-12-16
End of Testing:	2010-02-24

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2.4. Identification of the Client

Company Name:	Shanghai Simcom Ltd.
Address:	Building A,SIM Technology Building,No.633,Jinzhong Road,Changning District, Shanghai 200335 P.R.C
Contact Person:	Mr. Yongsheng Li
Telephone:	+86-21-32523134
Fax:	+86-21-32523020

2.5. Identification of the Manufacturer

Company Name:	Shanghai Simcom Ltd.
Address:	Building A,SIM Technology Building,No.633,Jinzhong Road,Changning District, Shanghai 200335 P.R.C
Contact Person:	Mr. Yongsheng Li
Telephone:	+86-21-32523134
Fax:	+86-21-32523020

Note: This data is based on the client's information.

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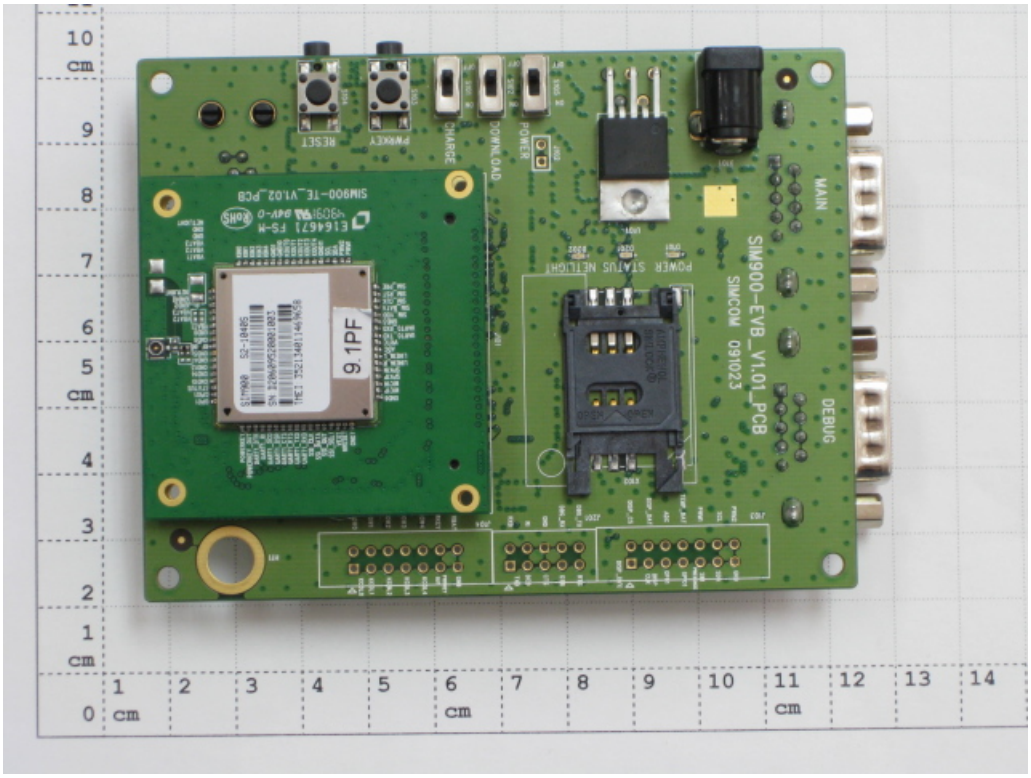
3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. Identification of the Equipment under Test

Brand Name:	SIMCOM
Type Name:	SIM900
Marketing Name:	SIM900
GSM Frequency Bands:	GSM 850/900/1800/1900
FCC ID Number:	UDV-0912142009007
Industry Canada ID:	8460A-20100108007
Special Features / Comments:	GCF Test Report

3.2. Front View of the Equipment under Test



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3.3. Identification of all used Test Samples of the Equipment under Test

EUT ID *	Serial Number	Hardware Version	Software Version
EUT1	SIM900-1	V2.03	SIM900 R11.0
EUT2	SIM900-2	V2.03	SIM900 R11.0
EUT3	SIM900-3	V2.03	SIM900 R11.0
EUT4	SIM900-4	V2.03	SIM900 R11.0
EUT5	SIM900-5	V2.03	SIM900 R11.0
EUT6	SIM900-6	V2.03	SIM900 R11.0
EUT7	SIM900-7	V2.03	SIM900 R11.0
EUT8	SIM900-8	V2.03	SIM900 R11.0

*) The equipment under test identifier (EUT ID) is used to simplify the identification in this test report

3.4. Identification of the Ancillary Equipment

AE ID *	Description	Serial Number	HW Status	SW Status
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*) The ancillary equipment identifier (AE ID) is used to simplify the identification in this test report

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4. Applied Reference Documents

4.1. Leading Reference Documents for Testing

The equipment under test (EUT) has been tested at *CETECOM* Shanghai's (own or subcontracted) laboratories according to the leading reference documents given in table 2 below:

Table 2: Leading Reference Documents

No.	Identity	Document Title	Version/Date
[1]	3GPP TS 51.010-1	3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 1: Conformance specification	v9.0.1 Release 9 (2010-02)
[2]	3GPP TS 51.010-2	3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Digital cellular telecommunications system; Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification	v9.0.1 Release 9 (2010-02)
[3]	3GPP TS 51.010-4	3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Mobile Station (MS) conformance specification; Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification	v4.14.1 Release 4 (2009-10)
[4]	3GPP TS 51.010-5	3rd Generation Partnership Project; Technical Specification Group GSM/EDGE Radio Access Network; Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS)	v9.0.1 Release 9 (2010-02)
[5]	GCF-CC	Global Certification Forum - Certification Criteria	v3.36.0 (2009-11)
[6]	NAPRD03	GSM N.A. Permanent Reference Document	v5.2 (2009-12)

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4.2. Specific Reference Documents for Testing

Table 3 summarizes specific reference documents such as harmonized standards or test specifications which were used for testing at *CETECOM* Shanghai's (own or subcontracted) laboratories.

Table 3: Specific Reference Documents

No.	Identity	Document Title	Version/Date

4.3. Additional Reference Documents for Testing

Table 4 summarizes additional reference documents which were used for testing at *CETECOM* Shanghai's (own or subcontracted) laboratories.

Table 4: Additional Reference Documents

No.	Identity / Description	Valid Since
[7]	**200409-13_A-04-xxx_TC_13_16_2_4_1_TS8950G_r2** Error in Test Case 13.16.2.4.1 on R&S TS8950G (for INFO) Request: 200409- 13	2004-09-13
[8]	**200502-63_A-05-XXX_TC_14_16_1** Error in test case 14.16.1 on the Rohde & Schwarz TS8950G and TS8952G test platforms (for INFO) Request: 200502- 63	2005-03-07
[9]	**200503-57_CAG-05-xxx_14_16_2_1** Error in test case 14.16.2.1 on R&S TS8950G (for INFO) Request: 200503- 57	2005-03-23
[10]	**200505-40_CAG-05-xxx-14_2_4_14_4_5_AHS** Implementation of test case 14.2.4 and 14.4.5 Request: 200505- 40	2005-05-25
[11]	**200505-53_CAG-05-xxx_TC_14_16_2_1** Error in test case 14.16.2.1 on the Rohde & Schwarz TS8950G and TS8952G test platforms (for INFO) Request: 200505- 53	2005-05-26
[12]	**200604-163** Non-implementation of GERAN CR on TC 13.16.2.4.1	2006-05-04
[13]	**200607-83** Error in TC 21.3.3 and 21.3.4 on TS8950G Request: 200607- 83	2006-07-26
[14]	**200612-25** Correction for PSI13 in RX Testcases	2006-12-20
[15]	**200706-44.ZIP** 5_day_rule_TP9_20070608, RAT for RSPASS SW on TS 895X (for INFO)	2007-06-15
[16]	**200802-085** Certification of 2G and 3G NTCSD	2008-03-04
[17]	**200803-004** Problem with 13.16.2.4.1, 13.17.3.4.1 on certain mobile implementation	2008-03-12
[18]	**200806-090.doc** Performing 15.1, 16, 26.5.7.1.4, 26.6.7.2 and 27.20 on data only device	2008-07-04
[19]	**200809-033** Problem when testing some R6 mobiles on the TS8950G	2008-09-24

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No.	Identity / Description	Valid Since
[20]	**200809-040** Inconsistency in the current applicability of test cases 31.9.2.1 and 31.9.2.3 (3GPP TS 51.010)	2008-10-01
[21]	**200812-050** Addition of exception for TC 16 on TP5 for TPCVs RSPASS GSM v3.93 and v5.12	2008-12-26
[22]	**201002-038** 5-day-rule_TP5_WI-003/006/007_20100217_Fill_Bits	2010-02-25
[23]	**A-03-xxx_TC13_16_2_4_1** Error in the test requirements in TC 13.16.2.4.1 for multislot uplink configuration (for INFO) Request: 200505- 69	2005-05-27
[24]	**A-04-xxx_TC_13_16_3_TS8950G_r2.doc** Error in Test Case 13.16.3 on R&S TS8950G (for INFO) Request: 200409- 15	2004-09-13
[25]	**A-04-xxx_TC_14_16_1_TS8950G** Error in TC 14.16.1 on the R&S TS8950G Test Platform (for INFO) Request: 200409- 82	2004-09-20
[26]	**A-04-xxx_TC_14_16_1_USF** Error in TC 14.16.1 for verification of USF BLER performance (for INFO) Request: 200409- 98	2004-09-23
[27]	**A-04-xxx_TS8950G_Downgrade_14_16_1** Test Case 14.16.1 on R&S TS8950G (CR 200411-02)	2004-11-10
[28]	**A-05-xxx_TC_13_16_2_4_1_TS8950G** Error in TC 13.16.2.4.1 on the R&S TS8950G Test Platform (for INFO) Request: 200411- 47	2004-11-29
[29]	**CAG-05-xxx_TS895xG_Downgrade_14_16_1** Test Case 14.16.1 on R&S TS8950G and TS8952G (for INFO) Request: 200502- 42	2005-02-25
[30]	**PEMR_test_case** Correction of PEMR test case 42.4.6.1	2005-06-24
[31]	**PVG_27_xxx_04_TC_13_16_2_4_1_TS8950G_r2** Test Case 13.16.2.4.1 on R&S TS8950G PVG27_441	2004-09-14
[32]	**PVG_27_xxx_04_TC_42_3_1_2_2** Inconsistency in TC 42.3.1.2.2 on the Anite SAT and Rohde & Schwarz CRTU-G Test Platforms PVG27_406	2004-07-30
[33]	**PVG19_xx_02_TC41_2_3_8** Error in TC 41.2.3.8 on the R&S CRTU-G Test Platform	2002-09-26

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No.	Identity / Description	Valid Since
[34]	**PVG24_094_04_TC_14_4_5** Error in TC 14.4.5 on the Rohde & Schwarz TS8950G Test Platform	2004-01-23
[35]	**PVG24_098_04_R&S_Workaround_GMM_TCs** Workaround for GMM TCs 44.2.1.2.8, 44.2.2.2.3, 44.2.3.2.1 and 44.2.3.2.5.3.1 on the R&S CRTU-G and CRT-WS Test Platform	2004-01-27
[36]	**PVG26_405_04_TC_14_2_4__14_4_5** Error in test cases 14.2.4 and 14.4.5 on the Rohde & Schwarz TS8950G and Anite RAMS Test Platforms PVG27_405	2004-07-30
[37]	**PVG26_xxx_CRTU-G_31_8_4_2_1** An error in TC 31.8.4.2.1 on the R&S CRTU-G Test Platform PVG26_280	2004-06-08
[38]	**PVG27_442_04_TC_13_16_3_TS8950G_r2** Test Case 13.16.3 on R&S TS8950G PVG27_442	2004-09-14
[39]	**PVG27_456_04_TC_14_16_1_TS8950G** Error in TC 14.16.1 on the R&S TS8950G Test Platform PVG27_456	2004-09-20
[40]	**PVG27_458_04_Error_TC14_16_1USF** Error in TC 14.16.1 for verification of USF BLER performance PVG27_458	2004-09-23
[41]	**PVG27_xxx_Spec_Error_TC41.3.1.2_R&S_CRTU-G.doc** Specification error in TCs 41.3.1.2 on the R&S CRTU-G test platform PVG27_440	2004-09-02
[42]	**PVG28_566_04_Downgrade_14_16_1** TC 14.16.1 on the Rohde & Schwarz TS8950G	2004-11-10
[43]	**PVG28_xxx_04_Workaround_TC_31_8_7_CRTU** Workaround for accredited testing of TC 31.8.7 on the CRTU PVG28_582	2004-11-26
[44]	**PVG29_xxx_05_TS895xG_Downgrade_14_16_1** Test Case 14.16.1 on R&S TS8950G and TS8952G	2005-02-25
[45]	**PVG30_245_05_14_1_2_4_14_4_5_AHS** Implementation of test case 14.2.4 and 14.4.5 PVG30_245	2005-06-13
[46]	**PVG30_438_05_DARP_rev1** Downgrade existing test cases for DARP PVG30_438	2005-08-11
[47]	**PVG30_xxx_05_TC_14_16_2_1** Error in test case 14.16.2.1 on the Rohde & Schwarz TS8950G and TS8952G test platforms PVG30_223	2005-05-26

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No.	Identity / Description	Valid Since
[48]	**PVG31_xxx_05_TC_27_22_4_7_1_Seq_1_6** PVG31_592_05_TC_27-.22.4.7.1_Seq_1.6_5_Day_Rule.zip PVG31_592	2005-10-24
[49]	**PVG32_671_05_TC_46_1_2_2_2_4_r1** Error in Test Cases 46.1.2.2.2.4 for Ku=4	2005-11-16
[50]	**PVG33_1292_06** Non-implementation of GERAN CR on TC 13.16.2.4.1	2006-05-04
[51]	**PVG34_1606_06_21_3_3_21_3_4_TP9** Error in TC 21.3.3 and 21.3.4 on TS8950G PVG34_1606	2006-07-26
[52]	**PVG37_0088_07_0710847_change.doc** to change the category of the test case 20.15.3	2007-03-02
[53]	**PVG38_0457_07_TP9_RAT-RSPASS.zip** Additional template files for GSM RF test cases	2007-06-15
[54]	**PVG38_0724_07_RFT23-24-25** Upgrade of Test Cases 27.22.4.5 and 27.22.4.13.1	2007-07-27
[55]	**PVG38_0739_07_RFT23-24-25_RAT.zip** Recommendation Accredited Testing for test cases	2007-07-31
[56]	**PVG38_0750_07_RLP_issue** Means of test not validated for RLP data calls (VI)	2007-08-07
[57]	**PVG38_0750_07_RLP_issue** Means of test not validated for RLP data calls (V)	2007-08-07
[58]	**PVG38_0752_07_RLP_issue** Means of test not validated for RLP data calls (I)	2007-08-07
[59]	**PVG38_0753_07_RLP_issue** Means of test not validated for RLP data calls (II)	2007-08-07
[60]	**PVG38_0754_07_RLP_issue** Means of test not validated for RLP data calls (III)	2007-08-07
[61]	**PVG38_0755_07_RLP_issue** Means of test not validated for RLP data calls (IV)	2007-08-07

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No.	Identity / Description	Valid Since
[62]	**PVG40_1392_08_5DR_TC_26.8.1.4.1.1_Issue.zip** MSs implementing short fixed duration DTMF tones will unfairly fail Test Case 28.8.1.4.1.1.	2008-01-14
[63]	**PVG41_1546_08_TC_27_22_7_1_r1.doc.zip** Inconsistency in the current applicability of test case 27.22.7.1.1/1	2008-02-26
[64]	**PVG41_1562_08** Inconsistency in the current applicability of the test cases 27.22.4.16.1, 27.22.7.2.1 and 27.22.7.3.1	2008-03-07
[65]	**PVG41_1566_08** Problem with 13.16.2.4.1, 13.17.3.4.1 on certain mobile implementation	2008-03-11
[66]	**PVG41_1577_08** Certification of 2G and 3G NTCSD	2008-03-03
[67]	**PVG41_1583_08** Issue with test case 44.2.10 in 3GPP TS51.010	2008-03-17
[68]	**PVG41_1844_08** Error in the current implementation of TC 27.20	2008-05-14
[69]	**PVG41_1845_08** Inconsistency in the current applicability of the test case	2008-05-13
[70]	**PVG41_1846_08.doc** Inconsistency in the current applicability of the test cases	2008-05-12
[71]	**PVG41_xxx_08_NTCSD** NTCSD support not implemented for TC26.5.5.3.2	2008-04-29
[72]	**PVG42_1986_08** Performing 15.1, 16, 26.5.7.1.4, 26.6.7.2, 27.20 on data only device	2008-06-20
[73]	**PVG43_2323_08** Inconsistency in the current applicability of test cases 31.9.2.1 and 31.9.2.3 (3GPP TS 51.010)	2008-09-30
[74]	**PVG43_2324_08** Problem when testing some R6 mobiles on the TS8950G	2008-09-24
[75]	**PVG45_1207** RFT008_RFT024 (Exception entered for terminals failing Icon Tests due to ambiguous core spec)	2009-06-09

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No.	Identity / Description	Valid Since
[76]	**PVG46_1501** 42.3.1.1.9 - exception due to unreliable execution results	2009-09-11
[77]	**PVG48_1697** RFT000_TP12 (Exception for Terminals not supporting ADN in TC 27.16)	2009-12-15
[78]	**PVG48_1832** 5-day-rule TP9_TP11_TP24_TP50_TP71 Error in the test case 34.2.2 not aligned with TS 51.010-1	2010-02-01
[79]	**TC_21_3_4** Error in TC 21.3.4 on TS8950G Request: 200601-119	2006-01-25
[80]	**TC_42_3_2_1_2** Error in test case specification of 42.3.2.1.2 (for INFO) Request: 200410- 26	2004-10-19

ANNEX A

of

CETECOM™

Full GSM TEST REPORT

No. SH_GT_303806

Accreditation Certificate

This Annex consists of 2 pages

Date of Report: 2010-03-02

***CETECOM* Shanghai is accredited according to DIN EN ISO/IEC 17025 by:**

Deutsche Gesellschaft für Akkreditierung mbH

DGA

DGA-PL-176/94-I1

***CETECOM* Shanghai Communication Testing and Consulting Co., Ltd.**
Rm. 102, Building 27, No. 1387 Zhangdong Rd. ♦ 201203 Shanghai ♦ P.R. China
Phone: +86 21 6879 5890 ♦ Fax: +86 21 6879 5786 ♦ E-mail: info@cetecom.cn ♦ http://www.cetecom.com
Registered in Pudong/Shanghai, China, Reg.-No.: 310115400213668
Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)

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Rm. 102, Building 27, No. 1387
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Deutsche Gesellschaft für Akkreditierung mbH

Deutsche Gesellschaft für Akkreditierung mbH

Signatory to the Multilateral Agreements of
EA and ILAC for mutual recognition

represented in the

Deutscher AkkreditierungsRat

Accreditation

The **DGA Deutsche Gesellschaft für Akkreditierung mbH** herewith confirms that the testing laboratory

CETECOM Shanghai Communication Testing and Consulting Co. Ltd.
Rm. 102, Bldg. 27, No. 1387 Zhangdong Rd.
201203 Shanghai
P. R. China

is competent under the terms of DIN EN ISO/IEC 17025 to carry out tests in the fields of

Mobile Radio
2G, 3G, UMTS, WCDMA, GSM (850/900/1800/1900)

The annex forms part of the certificate and comprises **5** pages.

The accreditation is valid from **2009-12-22** to **2014-09-03**.

DAR registration number: **DGA-PL-176/94-I1**
(The certificate is only valid in relation with certificate DGA-PL-176/94-03)

Frankfurt, 2009-12-22

Dipl.-Ing. (FH) Ralf Egner
Head of the Department Electrical Engineering/IT

Member in EA, ILAC, IAF

Translation for information purposes only. The German Accreditation Certificate is authoritative. See notes overleaf

The annex pages of the certificate may be received from *CETECOM* Shanghai on request.

ANNEX B

of

CETECOM™

Full GSM TEST REPORT

No. SH_GT_303806

Test Equipment

This Annex consists of 8 pages

Date of Report: 2010-03-02

***CETECOM* Shanghai is accredited according to DIN EN ISO/IEC 17025 by:**

Deutsche Gesellschaft für Akkreditierung mbH

DGA

DGA-PL-176/94-I1

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Phone: +86 21 6879 5890 ♦ Fax: +86 21 6879 5786 ♦ E-mail: info@cetecom.cn ♦ http://www.cetecom.com

Registered in Pudong/Shanghai, China, Reg.-No.: 310115400213668

Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)

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1. Test Equipment Location

Testing was performed at the following marked locations:

1.1 Location "Essen"

Address: *CETECOM* GmbH
Im Teelbruch 116
D-45219 Essen
Germany ☑

1.2 Location "Milpitas, CA"

Address: *CETECOM* Inc.
411 Dixon Landing Road
Milpitas, CA 95035
U.S.A. ☐

1.3 Location "Buc"

Address: *CETECOM* SARL
320, Rue Hélène Boucher
78532 Buc Cedex
France ☐

1.4 Location "Feldkirchen / Munich"

Address: *CETECOM* GmbH
Kapellenstraße 13
85622 Feldkirchen / Munich
Germany ☑

1.5 Location "Taipei"

Address: *CETECOM* Taiwan Ltd.
2F, No. 181, Ti Ding Blvd. Sec.2, Neihu Dist.
Taipei 114
Taiwan, R.O.C. ☐

1.6 Location "San Diego, CA"

Address: *CETECOM* Inc. - Branch San Diego
6730 Nancy Ridge Drive, Suite 101
San Diego, CA 92121
U.S.A ☐

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1.7 Location "Anyang"

Address: *CETECOM* MOVON Ltd.
RN. 221, 126-1, Dusanventuredigme Bldg.,
Pyeongchon-dong, Dongan-gu, Anyang-city,
Gyeonggi-do
Anyang 431-070
Korea

☐

1.8 Location "Shanghai"

Address: *CETECOM* Shanghai Communication Testing and Consulting Co., Ltd.
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☑

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2. List of Test Equipment

2.1 R&S CRTU-G

ID:	R&S CRTU-G [Ess 1]
Location:	Essen (1.1)
Serialnumber:	Master: RU:100230 SER:100168 Slave1: RU:100215 SER:100042 Slave2: RU:100643 SER:100323 Slave3: RU:100645 SER:100321 Slave4: RU:100642 SER:100322
Hardware:	Multibox (5)
Software version:	**Basis Software**: Applics Common Code (ACC) version 4.44 and v.5.10 and v.5.11 and v.5.12 and v.5.14 and v.5.20 and v.5.41 and v.5.50 and v.5.53 and v.5.54 and v.5.55 and v.6.10 and v.6.11 and v.6.12 and v.6.13 and v.6.50 and v.6.51 and v.6.52 CR02P2P BP version 1.33 CR02P2P ASP version 3.50 and v.4.11 and v.4.12 and v.4.13 and v.4.16 and v.4.21 and v.4.50 and v.4.51 and v.4.60 and v.4.68 and v.4.70 and v.4.74 and v.4.90 and v.5.00 CR02P2P EP version 2.02 **Test Case Software**: CRTU-GC08 version 1.60 and v.1.80 CRTU-GC23 version 1.70
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2011-07-30

ID:	R&S CRTU-G [SH 1]
Location:	Shanghai (1.8)
Serialnumber:	Master:RU:836917/007,Ser:100053; Slave1:RU:100109,Ser:100051; Slave2:RU:100263,Ser:100197;
Hardware:	Multibox (5)
Software version:	**Basis Software**: Applics Common Code (ACC) version 4.43 and v.5.10 and v.5.11 and v.5.12 and v.5.13 and v.5.14 and v.5.20 and v.5.40 and v.5.41 and v.5.50 and v.5.53 and v.5.54 and v.5.55 and v.6.10 and v.6.11 and v.6.12 and v.6.13 and v.6.50 and v.6.60 CR02P2P BP version 1.32 CR02P2P ASP version 3.44 and v.4.11 and v.4.12 and v.4.13 and v.4.16 and v.4.50 and v.4.51 and v.4.60 and v.4.61 and v.4.68 and v.4.70 and v.4.74 and v.4.90 and v.5.00 CR02P2P EP version 2.02 **Test Case Software**: CRTKEGS version 3.00 CRTKLU1 version 1.70 CRTKSS1 version 2.00 CRTKSS2 version 1.81 CRTKSS3 version 1.80 CRTKSS5 version 1.90 CRTKSS6 version 1.80 CRTPK1 version 3.10

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Software version:	*(continued)* CRTPK3 version 3.00 CRTPK4 version 3.00 CRTPK51 version 2.21 CRTPK52 version 2.30 CRTPK53 version 2.21 CRTPK56 version 2.25 CRTPK59 version 1.91 and v.2.21 CRTPK61 version 2.21 CRTPK62 version 2.30 CRTPK63 version 2.21 CRTPK66 version 2.25 CRTPK71 version 2.21 CRTPK72 version 2.30 CRTPK73 version 2.21 CRTPK74 version 2.24 CRTPK76 version 2.25 CRTPK78 version 2.10 CRTPK79 version 2.21 CRTPK7B version 2.11 CRTPK8 version 3.00 and v.3.01 CRTPK9 version 3.00 and v.3.01 CRTU-GC02 version 2.10 CRTU-GC04 version 1.70 CRTU-GC05 version 1.70 and v.1.80 CRTU-GC06 version 1.80 CRTU-GC07 version 1.80 and v.1.90 CRTU-GC08 version 1.72 and v.1.80 CRTU-GC09 version 4.20 and v.4.30 CRTU-GC12 version 1.50 CRTU-GC18 version 4.60 CRTU-GC19 version 2.00 and v.2.01 CRTU-GC20 version 1.80 CRTU-GC21 version 1.40 CRTU-GC22 version 1.71 CRTU-GC23 version 1.60 and v.1.70 CRTU-GC24 version 1.90 and v.2.00 CRTU-GC28 version 1.30 CRTU-GC61 version 4.30 CRTU-GC62 version 4.21 and v.4.30 CRTU-GC63 version 4.21 and v.4.30 CRTU-GC64 version 4.30 and v.4.50 CRTU-GC65 version 4.22 and v.4.30 CRTU-GC68 version 4.40 CRTU-GC69 version 4.30 and v.4.40 and v.4.51

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Software version:	*(continued)* CRTU-GC70 version 4.30 and v.4.50 CRTU-GC71 version 4.30 CRTU-GC72 version 4.31 and v.4.32 and v.4.40 CRTU-GC73 version 4.30 CRTU-GC74 version 4.30 CRTU-GC75 version 4.40 CRTU-GC76 version 4.30 CRTU-GC77 version 4.31 CRTU-GC78 version 4.30 CRTU-GC79 version 4.20 and v.4.30 CRTU-GC80 version 4.30 CRTU-GC84 version 4.40 CRTU-GC85 version 4.40 CRTU-GC86 version 4.30 CRTU-GC87 version 4.30 and v.4.40 CRTU-GC88 version 4.21 and v.4.30 CU-GC01 version 1.80 and v.1.90 **TOM Tool Software**: General Integration Tool version 2.11.0.1
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2011-02-18

2.2 R&S TS8950/52G

ID:	**R&S TS8950G [Fel 2]**
Location:	Feldkirchen / Munich (1.4)
Serialnumber:	100090
Hardware:	TS8950G SSCU var. 04
Software version:	**Basis Software**: CR02P2P BP version 1.33 CR02P2P ASP version 4.90 CR02P2P EP version 1.71 FSU Firmware/Application version 4.01SP2 and v.4.21SP1 RF-LIB version 3.12 and v.3.13 and v.3.16 and v.3.33 and v.3.34 and v.3.43 and v.3.61 and v.3.90 and v.3.93 and v.4.43 and v.4.4202 and v.5.01 and v.5.02 and v.5.02+ASP3.38+Patch2 and v.5.03 and v.5.12 and v.5.13 and v.5.15 and v.5.16 and v.5.17
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2011-01-14

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ID:	R&S TS8950G [SH 1]
Location:	Shanghai (1.8)
Serialnumber:	100021
Hardware:	SSCU var. 04
Software version:	**Basis Software**: CR02P2P BP version 1.33 CR02P2P ASP version 3.34 CR02P2P EP version 1.62 MOPSI version BP v1.32, EP v1.62, ASP v3.37 and v.BP v1.32, EP v1.71, ASP v4.63 RF-LIB version 3.93 and v.4.43 and v.4.4202 and v.5.01 and v.5.03 and v.5.12 and v.5.13 **Test Case Software**: RS-PASS-APPL version 3.43 and v.3.90 and v.5.01 and v.5.02 and v.5.03 and v.5.04 and v.5.05 and v.5.05 + Patch1 and v.5.12 and v.5.13 and v.5.14 and v.5.14 + patch 01 and v.5.16 and v.5.17 **TOM Tool Software**: General Integration Tool version 2.7.6.90
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2011-02-20

2.3 COMPRION IT³

ID:	COMPRION IT³ [SH 1]
Location:	Shanghai (1.8)
Serialnumber:	B4406-50198
Hardware:	Analog Simulator V1.2 (Analog Simulator) Digital Simulator V1.2 (Digital Simulator)
Software version:	**Basis Software**: IT³ Test Platform version 4.3.2 and v.4.3.4 and v.4.4 **TOM Tool Software**: General Integration Tool version 2.11.0.1
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2010-12-18

ID:	COMPRION IT3
Location:	Shanghai (1.8)
Serialnumber:	59009
Hardware:	Analog Simulator V1.2 Digital Simulator V1.2
Software version:	**Basis Software**: IT³ Test Platform version 4.3.4 **Test Case Software**: IT³ 3GPP TS 51.010-1 (analog-PCS1900) version 4.3.4

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Software version:	*(continued)* IT³ 3GPP TS 51.010-1 (digital-PCS1900) version 4.3.4 IT³ 3GPP TS 51.010-4 Stage 1 (PCS1900) version 4.3.4 IT³ 3GPP TS 51.010-4 Stage 2 (PCS1900) version 4.3.4
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2010-11-11

2.4 Anite SAT (A) UE

ID:	**Anite SAT (A) UE [Ess 1]**
Location:	Essen (1.1)
Serialnumber:	Agilent 8960: GB46200793; GB46201347; GB46201368; GB46201370; GB46310158; GB46310264; Anite combiner: 1732; ABP:1883; 1824; 1891; 1860; 1831; 1829
Hardware:	Anite RF Combiner Horizontal Anite Baseband Processor 6 units Agilent 8960 Series 10 (E5515C) 6 units
Software version:	**Basis Software**: Anite CT (EGPRS) Campaign Manager version 10.0 Anite Programmers Toolset version 8.0 Anite PT (GERAN) version 35.0 Core Software version 6.0 CT GSM Test Manager version 10.0 **Test Case Software**: SAT PCS Main ATS version 12.0 and v.13.0 and v.14.0
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2010-12-02

2.5 MiNT T1140 RF Test System

ID:	**AT4 wireless MiNT T1140 [Ess 1]**
Location:	Essen (1.1)
Serialnumber:	29
Hardware:	Hardware version 1.0.0.0
Software version:	**Test Case Software**: TC Package version 3.1.0.2 and v.3.1.0.2 + Patch
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2010-09-17

ANNEX C

of

Full GSM TEST REPORT

No. SH_GT_303806

for

SIMCOM

GSM 850/900/1800/1900

User Equipment Type SIM900

with

Final Hardware Version: V2.03

Final Software Version: SIM900 R11.0

PICS/PIXIT Information

This Annex consists of 18 pages

Date of Report: 2010-03-02

The PICS/PIXIT data given or referenced in this annex is based on the latest information received from the client or user equipment (UE) manufacturer, either verbally or in writing. Therefore, this given information has been used for testing at *CETECOM Shanghai* for the above mentioned UE configuration. It is the responsibility of the legal owner of the tested UE (i.e. owner of the UE's brand name as given on the cover page of this report) to verify the correctness of the data on the following pages and to indicate any possible incorrectness to*CETECOM Shanghai*.

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DGA-PL-176/94-I1

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Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)

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PICS Identifier	3GPP Test Spec Number		Mnemonic	Support
	51.010-2	**1 2G; 51.010-2**		
	51.010-2	**1.1 3GPP version**		
	51.010-2	This version is based on version 3GPP 51.010 REL-7 v7.11.0, from September 2008		
	51.010-2	**1.2 Types of Mobile Stations**		
A1/1	51.010-2	Standard GSM Band (P-GSM)	TSPC_Type_GSM_P_Band	No
A1/2	51.010-2	Extended GSM Band (E-GSM), (including standard Band)	TSPC_Type_GSM_E_Band	Yes
A1/3	51.010-2	R-GSM Band (including standard and E-GSM Band)	TSPC_Type_GSM_R_Band	No
A1/4	51.010-2	DCS 1800 band	TSPC_Type_DCS_Band	Yes
A1/5	51.010-2	Multiple-band, not simultaneously	TSPC_Type_MB_NonSimul	No
A1/6	51.010-2	Multiple-band, simultaneously	TSPC_Type_MB_Simul	Yes
A1/7	51.010-2	Small Mobile Station	TSPC_Type_SmallMS	Yes
A1/8	51.010-2	GSM Power Class 2	TSPC_Type_GSM_Class2	No
A1/9	51.010-2	GSM Power Class 3	TSPC_Type_GSM_Class3	No
A1/10	51.010-2	GSM Power Class 4	TSPC_Type_GSM_Class4	Yes
A1/11	51.010-2	GSM Power Class 5	TSPC_Type_GSM_Class5	No
A1/12	51.010-2	DCS Power Class 1	TSPC_Type_DCS_Class1	Yes
A1/13	51.010-2	DCS Power Class 2	TSPC_Type_DCS_Class2	No
A1/14	51.010-2	DCS Power Class 3	TSPC_Type_DCS_Class3	No
A1/15	51.010-2	HSCSD Multislot MS	TSPC_Type_HSCSD_Multislot	No
A1/16	51.010-2	GSM 450 band	TSPC_Type_GSM_450_Band	No
A1/17	51.010-2	GSM 480 band	TSPC_Type_GSM_480_Band	No
A1/18	51.010-2	PCS 1900 band	TSPC_Type_PCS_Band	Yes
A1/19	51.010-2	PCS Power Class 1	TSPC_Type_PCS_Class1	Yes
A1/20	51.010-2	PCS Power Class 2	TSPC_Type_PCS_Class2	No
A1/21	51.010-2	PCS Power Class 3	TSPC_Type_PCS_Class3	No
A1/22	51.010-2	Multislot Class1	TSPC_Type_Multislot_Class1	Yes
A1/23	51.010-2	Multislot Class2	TSPC_Type_Multislot_Class2	No
A1/24	51.010-2	Multislot Class3	TSPC_Type_Multislot_Class3	No
A1/25	51.010-2	Multislot Class4	TSPC_Type_Multislot_Class4	No
A1/26	51.010-2	Multislot Class5	TSPC_Type_Multislot_Class5	No
A1/27	51.010-2	Multislot Class6	TSPC_Type_Multislot_Class6	No
A1/28	51.010-2	Multislot Class7	TSPC_Type_Multislot_Class7	No
A1/29	51.010-2	Multislot Class8	TSPC_Type_Multislot_Class8	No
A1/30	51.010-2	Multislot Class9	TSPC_Type_Multislot_Class9	No
A1/31	51.010-2	Multislot Class10	TSPC_Type_Multislot_Class10	No
A1/32	51.010-2	Multislot Class11	TSPC_Type_Multislot_Class11	No
A1/33	51.010-2	Multislot Class12	TSPC_Type_Multislot_Class12	No
A1/34	51.010-2	Multislot Class13	TSPC_Type_Multislot_Class13	No
A1/35	51.010-2	Multislot Class14	TSPC_Type_Multislot_Class14	No
A1/36	51.010-2	Multislot Class15	TSPC_Type_Multislot_Class15	No

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A1/37	51.010-2	Multislot Class16	TSPC_Type_Multislot_Class16	No
A1/38	51.010-2	Multislot Class17	TSPC_Type_Multislot_Class17	No
A1/39	51.010-2	Multislot Class18	TSPC_Type_Multislot_Class18	No
A1/40	51.010-2	Multislot Class19	TSPC_Type_Multislot_Class19	No
A1/41	51.010-2	Multislot Class20	TSPC_Type_Multislot_Class20	No
A1/42	51.010-2	Multislot Class21	TSPC_Type_Multislot_Class21	No
A1/43	51.010-2	Multislot Class22	TSPC_Type_Multislot_Class22	No
A1/44	51.010-2	Multislot Class23	TSPC_Type_Multislot_Class23	No
A1/45	51.010-2	Multislot Class24	TSPC_Type_Multislot_Class24	No
A1/46	51.010-2	Multislot Class25	TSPC_Type_Multislot_Class25	No
A1/47	51.010-2	Multislot Class26	TSPC_Type_Multislot_Class26	No
A1/48	51.010-2	Multislot Class27	TSPC_Type_Multislot_Class27	No
A1/49	51.010-2	Multislot Class28	TSPC_Type_Multislot_Class28	No
A1/50	51.010-2	Multislot Class29	TSPC_Type_Multislot_Class29	No
A1/51	51.010-2	GPRS Multislot operation	TSPC_Type_GPRS_Multislot_operation	Yes
A1/52	51.010-2	EGPRS capable of 8PSK in Uplink, of all Multislot classes	TSPC_Type_EGPRS_8PSK_uplink	No
A1/53	51.010-2	GSM 700 band	TSPC_Type_GSM_700_Band	No
A1/54	51.010-2	GSM 750 band	TSPC_Type_GSM_750_Band	No
A1/55	51.010-2	GSM 850 band	TSPC_Type_GSM_850_Band	Yes
A1/56	51.010-2	Support of UTRAN Radio Access Technology	TSPC_Type_UTRAN	No
A1/57	51.010-2	Support of GPRS Multislot class on the uplink	TSPC_Type_GPRS_Multislot_uplink	Yes
A1/58	51.010-2	Support of COMPACT	TSPC_COMPACT	No
A1/59	51.010-2	DTM/GPRS Multislot Class 1	TSPC_DTM_GPRS_Multislot_Class_1	No
A1/60	51.010-2	DTM/GPRS Multislot Class 5	TSPC_DTM_GPRS_Multislot_Class_5	No
A1/61	51.010-2	DTM/GPRS Multislot Class 9	TSPC_DTM_GPRS_Multislot_Class_9	No
A1/62	51.010-2	Support of singleslot allocation in DTM/GPRS	TSPC_DTM_GPRS_Singleslot_Allocation	No
A1/63	51.010-2	Support of UTRAN FDD	TSPC_Type_UTRAN_FDD	No
A1/64	51.010-2	Support of UTRAN TDD	TSPC_Type_UTRAN_TDD	No
A1/65	51.010-2	Support of Conventional GPS	TSPC_Conv-GPS	No
A1/66	51.010-2	EGPRS Multislot operation	TSPC_Type_EGPRS_Multislot_operation	No
A1/67	51.010-2	GPRS Multislot Class1	TSPC_Type_GPRS_Multislot_Class1	No
A1/68	51.010-2	GPRS Multislot Class2	TSPC_Type_GPRS_Multislot_Class2	No
A1/69	51.010-2	GPRS Multislot Class3	TSPC_Type_GPRS_Multislot_Class3	No

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A1/70	51.010-2	GPRS Multislot Class4	TSPC_Type_GPRS_Multislot_Class4	No
A1/71	51.010-2	GPRS Multislot Class5	TSPC_Type_GPRS_Multislot_Class5	No
A1/72	51.010-2	GPRS Multislot Class6	TSPC_Type_GPRS_Multislot_Class6	No
A1/73	51.010-2	GPRS Multislot Class7	TSPC_Type_GPRS_Multislot_Class7	No
A1/74	51.010-2	GPRS Multislot Class8	TSPC_Type_GPRS_Multislot_Class8	No
A1/75	51.010-2	GPRS Multislot Class9	TSPC_Type_GPRS_Multislot_Class9	No
A1/76	51.010-2	GPRS Multislot Class10	TSPC_Type_GPRS_Multislot_Class10	Yes
A1/77	51.010-2	GPRS Multislot Class11	TSPC_Type_GPRS_Multislot_Class11	No
A1/78	51.010-2	GPRS Multislot Class12	TSPC_Type_GPRS_Multislot_Class12	No
A1/79	51.010-2	GPRS Multislot Class13	TSPC_Type_GPRS_Multislot_Class13	No
A1/80	51.010-2	GPRS Multislot Class14	TSPC_Type_GPRS_Multislot_Class14	No
A1/81	51.010-2	GPRS Multislot Class15	TSPC_Type_GPRS_Multislot_Class15	No
A1/82	51.010-2	GPRS Multislot Class16	TSPC_Type_GPRS_Multislot_Class16	No
A1/83	51.010-2	GPRS Multislot Class17	TSPC_Type_GPRS_Multislot_Class17	No
A1/84	51.010-2	GPRS Multislot Class18	TSPC_Type_GPRS_Multislot_Class18	No
A1/85	51.010-2	GPRS Multislot Class19	TSPC_Type_GPRS_Multislot_Class19	No
A1/86	51.010-2	GPRS Multislot Class20	TSPC_Type_GPRS_Multislot_Class20	No
A1/87	51.010-2	GPRS Multislot Class21	TSPC_Type_GPRS_Multislot_Class21	No
A1/88	51.010-2	GPRS Multislot Class22	TSPC_Type_GPRS_Multislot_Class22	No
A1/89	51.010-2	GPRS Multislot Class23	TSPC_Type_GPRS_Multislot_Class23	No
A1/90	51.010-2	GPRS Multislot Class24	TSPC_Type_GPRS_Multislot_Class24	No
A1/91	51.010-2	GPRS Multislot Class25	TSPC_Type_GPRS_Multislot_Class25	No
A1/92	51.010-2	GPRS Multislot Class26	TSPC_Type_GPRS_Multislot_Class26	No
A1/93	51.010-2	GPRS Multislot Class27	TSPC_Type_GPRS_Multislot_Class27	No
A1/94	51.010-2	GPRS Multislot Class28	TSPC_Type_GPRS_Multislot_Class28	No
A1/95	51.010-2	GPRS Multislot Class29	TSPC_Type_GPRS_Multislot_Class29	No
A1/96	51.010-2	EGPRS Multislot Class1	TSPC_Type_EGPRS_Multislot_Class1	No
A1/97	51.010-2	EGPRS Multislot Class2	TSPC_Type_EGPRS_Multislot_Class2	No
A1/98	51.010-2	EGPRS Multislot Class3	TSPC_Type_EGPRS_Multislot_Class3	No
A1/99	51.010-2	EGPRS Multislot Class4	TSPC_Type_EGPRS_Multislot_Class4	No
A1/100	51.010-2	EGPRS Multislot Class5	TSPC_Type_EGPRS_Multislot_Class5	No

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A1/101	51.010-2	EGPRS Multislot Class6	TSPC_Type_EGPRS_Multislot_Class6	No
A1/102	51.010-2	EGPRS Multislot Class7	TSPC_Type_EGPRS_Multislot_Class7	No
A1/103	51.010-2	EGPRS Multislot Class8	TSPC_Type_EGPRS_Multislot_Class8	No
A1/104	51.010-2	EGPRS Multislot Class9	TSPC_Type_EGPRS_Multislot_Class9	No
A1/105	51.010-2	EGPRS Multislot Class10	TSPC_Type_EGPRS_Multislot_Class10	No
A1/106	51.010-2	EGPRS Multislot Class11	TSPC_Type_EGPRS_Multislot_Class11	No
A1/107	51.010-2	EGPRS Multislot Class12	TSPC_Type_EGPRS_Multislot_Class12	No
A1/108	51.010-2	EGPRS Multislot Class13	TSPC_Type_EGPRS_Multislot_Class13	No
A1/109	51.010-2	EGPRS Multislot Class14	TSPC_Type_EGPRS_Multislot_Class14	No
A1/110	51.010-2	EGPRS Multislot Class15	TSPC_Type_EGPRS_Multislot_Class15	No
A1/111	51.010-2	EGPRS Multislot Class16	TSPC_Type_EGPRS_Multislot_Class16	No
A1/112	51.010-2	EGPRS Multislot Class17	TSPC_Type_EGPRS_Multislot_Class17	No
A1/113	51.010-2	EGPRS Multislot Class18	TSPC_Type_EGPRS_Multislot_Class18	No
A1/114	51.010-2	EGPRS Multislot Class19	TSPC_Type_EGPRS_Multislot_Class19	No
A1/115	51.010-2	EGPRS Multislot Class20	TSPC_Type_EGPRS_Multislot_Class20	No
A1/116	51.010-2	EGPRS Multislot Class21	TSPC_Type_EGPRS_Multislot_Class21	No
A1/117	51.010-2	EGPRS Multislot Class22	TSPC_Type_EGPRS_Multislot_Class22	No
A1/118	51.010-2	EGPRS Multislot Class23	TSPC_Type_EGPRS_Multislot_Class23	No
A1/119	51.010-2	EGPRS Multislot Class24	TSPC_Type_EGPRS_Multislot_Class24	No
A1/120	51.010-2	EGPRS Multislot Class25	TSPC_Type_EGPRS_Multislot_Class25	No
A1/121	51.010-2	EGPRS Multislot Class26	TSPC_Type_EGPRS_Multislot_Class26	No
A1/122	51.010-2	EGPRS Multislot Class27	TSPC_Type_EGPRS_Multislot_Class27	No
A1/123	51.010-2	EGPRS Multislot Class28	TSPC_Type_EGPRS_Multislot_Class28	No
A1/124	51.010-2	EGPRS Multislot Class29	TSPC_Type_EGPRS_Multislot_Class29	No
A1/125	51.010-2	GSM 850 Power Class 2	TSPC_Type_GSM_850_Class2	Yes
A1/126	51.010-2	GSM 850 Power Class 3	TSPC_Type_GSM_850_Class3	Yes
A1/127	51.010-2	GSM 850 Power Class 4	TSPC_Type_GSM_850_Class4	Yes
A1/128	51.010-2	GSM 850 Power Class 5	TSPC_Type_GSM_850_Class5	No
A1/129	51.010-2	8-PSK GSM Power Class E1	TSPC_Type_GSM_ClassE1	No
A1/130	51.010-2	8-PSK GSM Power Class E2	TSPC_Type_GSM_ClassE2	No
A1/131	51.010-2	8-PSK GSM Power Class E3	TSPC_Type_GSM_ClassE3	No
A1/132	51.010-2	8-PSK DCS Power Class E1	TSPC_Type_DCS_ClassE1	No
A1/133	51.010-2	8-PSK DCS Power Class E2	TSPC_Type_DCS_ClassE2	No
A1/134	51.010-2	8-PSK DCS Power Class E3	TSPC_Type_DCS_ClassE3	No

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A1/135	51.010-2	8-PSK PCS Power Class E1	TSPC_Type_PCS_ClassE1	No
A1/136	51.010-2	8-PSK PCS Power Class E2	TSPC_Type_PCS_ClassE2	No
A1/137	51.010-2	8-PSK PCS Power Class E3	TSPC_Type_PCS_ClassE3	No
A1/138	51.010-2	8-PSK GSM 850 Power Class E1	TSPC_Type_GSM_850_ClassE1	No
A1/139	51.010-2	8-PSK GSM 850 Power Class E2	TSPC_Type_GSM_850_ClassE2	No
A1/140	51.010-2	8-PSK GSM 850 Power Class E3	TSPC_Type_GSM_850_ClassE3	No
A1/141	51.010-2	GSM850 and GSM1800 Band Interworking	TSPC_GSM850_GSM1800_Interworking	Yes
A1/142	51.010-2	GSM900 and GSM1900 Band Interworking	TSPC_GSM900_GSM1900_Interworking	Yes
A1/143	51.010-2	GSM850 and GSM900 Band Interworking	TSPC_GSM850_GSM900_Interworking	Yes
A1/144	51.010-2	DTM/EGPRS Multislot Class 1	TSPC_DTM_EGPRS_Multislot_Class_1	No
A1/145	51.010-2	DTM/EGPRS Multislot Class 5	TSPC_DTM_EGPRS_Multislot_Class_5	No
A1/146	51.010-2	DTM/EGPRS Multislot Class 9	TSPC_DTM_EGPRS_Multislot_Class_9	No
A1/147	51.010-2	Support of singleslot allocation in DTM/EGPRS	TSPC_DTM_EPGRS_Singleslot_Allocation	No
A1/148	51.010-2	DTM/GPRS Multislot Class 11	TSPC_DTM_GPRS_Multislot_Class_11	No
A1/149	51.010-2	GPRS Multislot Class30	TSPC_Type_GPRS_Multislot_Class30	No
A1/150	51.010-2	GPRS Multislot Class31	TSPC_Type_GPRS_Multislot_Class31	No
A1/151	51.010-2	GPRS Multislot Class32	TSPC_Type_GPRS_Multislot_Class32	No
A1/152	51.010-2	GPRS Multislot Class33	TSPC_Type_GPRS_Multislot_Class33	No
A1/153	51.010-2	GPRS Multislot Class34	TSPC_Type_GPRS_Multislot_Class34	No
A1/154	51.010-2	GPRS Multislot Class35	TSPC_Type_GPRS_Multislot_Class35	No
A1/155	51.010-2	GPRS Multislot Class36	TSPC_Type_GPRS_Multislot_Class36	No
A1/156	51.010-2	GPRS Multislot Class37	TSPC_Type_GPRS_Multislot_Class37	No
A1/157	51.010-2	GPRS Multislot Class38	TSPC_Type_GPRS_Multislot_Class38	No
A1/158	51.010-2	GPRS Multislot Class39	TSPC_Type_GPRS_Multislot_Class39	No
A1/159	51.010-2	GPRS Multislot Class40	TSPC_Type_GPRS_Multislot_Class40	No
A1/160	51.010-2	GPRS Multislot Class41	TSPC_Type_GPRS_Multislot_Class41	No
A1/161	51.010-2	GPRS Multislot Class42	TSPC_Type_GPRS_Multislot_Class42	No
A1/162	51.010-2	GPRS Multislot Class43	TSPC_Type_GPRS_Multislot_Class43	No
A1/163	51.010-2	GPRS Multislot Class44	TSPC_Type_GPRS_Multislot_Class44	No
A1/164	51.010-2	GPRS Multislot Class45	TSPC_Type_GPRS_Multislot_Class45	No
A1/165	51.010-2	EGPRS Multislot Class30	TSPC_Type_EGPRS_Multislot_Class30	No
A1/166	51.010-2	EGPRS Multislot Class31	TSPC_Type_EGPRS_Multislot_Class31	No

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A1/167	51.010-2	EGPRS Multislot Class32	TSPC_Type_EGPRS_Multislot_Class32	No
A1/168	51.010-2	EGPRS Multislot Class33	TSPC_Type_EGPRS_Multislot_Class33	No
A1/169	51.010-2	EGPRS Multislot Class34	TSPC_Type_EGPRS_Multislot_Class34	No
A1/170	51.010-2	EGPRS Multislot Class35	TSPC_Type_EGPRS_Multislot_Class35	No
A1/171	51.010-2	EGPRS Multislot Class36	TSPC_Type_EGPRS_Multislot_Class36	No
A1/172	51.010-2	EGPRS Multislot Class37	TSPC_Type_EGPRS_Multislot_Class37	No
A1/173	51.010-2	EGPRS Multislot Class38	TSPC_Type_EGPRS_Multislot_Class38	No
A1/174	51.010-2	EGPRS Multislot Class39	TSPC_Type_EGPRS_Multislot_Class39	No
A1/175	51.010-2	EGPRS Multislot Class40	TSPC_Type_EGPRS_Multislot_Class40	No
A1/176	51.010-2	EGPRS Multislot Class41	TSPC_Type_EGPRS_Multislot_Class41	No
A1/177	51.010-2	EGPRS Multislot Class42	TSPC_Type_EGPRS_Multislot_Class42	No
A1/178	51.010-2	EGPRS Multislot Class43	TSPC_Type_EGPRS_Multislot_Class43	No
A1/179	51.010-2	EGPRS Multislot Class44	TSPC_Type_EGPRS_Multislot_Class44	No
A1/180	51.010-2	EGPRS Multislot Class45	TSPC_Type_EGPRS_Multislot_Class45	No
A1/181	51.010-2	T GSM band	TSPC_Type_T GSM_Band	No
A1/182	51.010-2	GSM 710 band	TSPC_Type_GSM_710_Band	No
A1/183	51.010-2	T GSM 810 band	TSPC_Type_T_GSM_810_Band	No
A1/184	51.010-2	DTM/EGPRS Multislot Class 11	TSPC_DTM_EGPRS_Multislot_Class_11	No
A1/185	51.010-2	T GSM 380 band	TSPC_Type_T_GSM_380_Band	No
A1/186	51.010-2	T GSM 410 band	TSPC_Type_T_GSM_410_Band	No
A1/187	51.010-2	T GSM 900 band	TSPC_Type_T_GSM_900_Band	No
A1/188	51.010-2	EGPRS Multislot Operation in Uplink Direction	TSPC_EGPRS_Multislot_Uplink	No
A1/189	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 0	TSPC_Type_GMSK_Multislot_Power_Profile_0	No
A1/190	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 1	TSPC_Type_GMSK_Multislot_P	No
A1/191	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 2	TSPC_Type_GMSK_Multislot_P	No
A1/192	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 3	TSPC_Type_GMSK_Multislot_P	No
A1/193	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 0	TSPC_Type_8-PSK_Multislot_Power_Profile_0	No
A1/194	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 1	TSPC_Type_8-PSK_Multislot_Pc	No
A1/195	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 2	TSPC_Type_8-PSK_Multislot_Pc	No
A1/196	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 3	TSPC_Type_8-PSK_Multislot_	No
	51.010-2	**1.3 MS Feature Release Supported**		
A1b/1	51.010-2	Release of GPRS supported	TSPC_MS_GPRS_RELEASE	Yes
A1b/2	51.010-2	Release of AMR supported	TSPC_MS_AMR_RELEASE	Yes
A1b/3	51.010-2	Release of EGPRS supported	TSPC_MS_EGPRS_RELEASE	No
A1b/4	51.010-2	Release of RRLP supported.	TSPC_MS_RRLP_RELEASE	No

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A1b/5	51.010-2	Release of high Layer supported.	TSPC_MS_HIGHER_LAYER_RELEASE	Yes
	51.010-2	**1.4 Mobile Station Features**		
A2/1	51.010-2	Display of Called Number	TSPC_Feat_DCN	Yes
A2/2	51.010-2	Indication of Call Progress Signals	TSPC_Feat_CPSind	Yes
A2/3	51.010-2	Country/PLMN Indication	TSPC_Feat_PLMNind	Yes
A2/4	51.010-2	Country/PLMN Selection	TSPC_Feat_PLMNsel	Yes
A2/5	51.010-2	Keypad	TSPC_Feat_Keypad	Yes
A2/6	51.010-2	IMEI	TSPC_Feat_IMEI	Yes
A2/7	51.010-2	Short Message Overflow Indication	TSPC_Feat_SMoverflow	Yes
A2/8	51.010-2	DTE /DCE Interface	TSPC_Feat_DTE_DCE	Yes
A2/9	51.010-2	ISDN "S" Interface	TSPC_Feat_Sinterface	No
A2/10	51.010-2	International Access Function	TSPC_Feat_IntAccess	Yes
A2/11	51.010-2	Service Indicator	TSPC_Feat_ServInd	Yes
A2/12	51.010-2	Autocalling restriction capabilities	TSPC_Feat_AutocallRestric	Yes
A2/13	51.010-2	Dual Tone Multi Frequency function (DTMF)	TSPC_Feat_DTMF	Yes
A2/14	51.010-2	Subscription Identity Management	TSPC_Feat_SIM	Yes
A2/15	51.010-2	On/Off switch	TSPC_Feat_OnOff	Yes
A2/16	51.010-2	Subaddress	TSPC_Feat_Subaddress	Yes
A2/17	51.010-2	Support of Encryption A5/1	TSPC_Feat_A51	Yes
A2/18	51.010-2	void		
A2/19	51.010-2	Short Message Service Cell Broadcast DRX	TSPC_Feat_SMS_CB_DRX	Yes
A2/20	51.010-2	Abbreviated Dialling	TSPC_Feat_AD	Yes
A2/21	51.010-2	Fixed Number Dialling	TSPC_Feat_FND	Yes
A2/22	51.010-2	Barring of Outgoing Calls	TSPC_Feat_BO	Yes
A2/23	51.010-2	DTMF Control Digits Separator	TSPC_Feat_DTMF_CDS	Yes
A2/24	51.010-2	Selection of Directory No in Short Messages	TSPC_Feat_SM_Dir	Yes
A2/25	51.010-2	Last Numbers Dialled	TSPC_Feat_LND	Yes
A2/26	51.010-2	At least one autocalling feature	TSPC_Feat_Autocall	No
A2/27	51.010-2	Alphanumeric display	TSPC_Feat_Alphanum_Display	Yes
A2/28	51.010-2	Other means of display	TSPC_Feat_Other_Means_of_Display	No
A2/29	51.010-2	Speech indicator	TSPC_Feat_Speech_Indicator	Yes
A2/30	51.010-2	Support of the extended Short message cell broadcast channel	TSPC_Ext_SMcell_BC	No
A2/31	51.010-2	Support of Additional Call Set-up MMI Procedures	TSPC_AddCall_Su_MMi_Proc	Yes
A2/32	51.010-2	void		
A2/33	51.010-2	Ciphering Indicator	TSPC_Feat_Ciphering	Yes
A2/34	51.010-2	Network's indication of alerting in the MS $(NI Alert in MS)$	TSPC_Feat_NI_AlertinMS	No
A2/35	51.010-2	ME-SIM lock	TSPC_SIM_Lock	Yes
A2/36	51.010-2	Service Dialling Numbers	TSPC_Service_No	Yes
A2/37	51.010-2	Extended Timing Advance	TSPC_Feat_Ext_TA	No
A2/38	51.010-2	Support of SoLSA	TSPC_SoLSA	No
A2/39	51.010-2	Audible Indication of Service Tones	TSPC_Feat_audible_tone	Yes
A2/40	51.010-2	Autocalling_Cause 27 Implemented in Cat 3	TSPC_Feat_Cause27Cat3	Yes
A2/41	51.010-2	Support of GPRS	TSPC_GPRS	Yes
A2/42	51.010-2	Support of EGPRS	TSPC_EGPRS	No
A2/43	51.010-2	Support of GPRS Encryption	TSPC_GPRS_Encryp	Yes
A2/44	51.010-2	Control of Supplementary Services	TSPC_Control_SS	Yes
A2/45	51.010-2	Short message	TSPC_Supp_SM	Yes
A2/46	51.010-2	Emergency calls capabilities	TSPC_Emergency_call_cap	Yes
A2/47	51.010-2	GPRS operation mode class A	TSPC_operation_mode_A	No
A2/48	51.010-2	GPRS operation mode class B	TSPC_operation_mode_B	Yes
A2/49	51.010-2	GPRS operation mode class C	TSPC_operation_mode_C	No
A2/50	51.010-2	MS supporting SMS over GPRS	TSPC_SMS_over_GPRS	Yes
A2/51	51.010-2	void		
A2/52	51.010-2	void		

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A2/53	51.010-2	Support of ECSD	TSPC_ECSD	No
A2/54	51.010-2	GPRS test mode A	TSPC_GPRS_Testmode_A	Yes
A2/55	51.010-2	GPRS test mode B	TSPC_GPRS_Testmode_B	Yes
A2/56	51.010-2	EGPRS test mode	TSPC_EGPRS_Testmode	No
A2/57	51.010-2	Support of MS-Assisted E-OTD	TSPC_EOTD_ASSIST	No
A2/58	51.010-2	Non-zero value of Non_DRX_Timer	TSPC_non_zero_Non_DRX_Timer	No
A2/59	51.010-2	Support of MS-Based GPS	TSPC_A-GPS_Based	No
A2/60	51.010-2	Support of MS-Assisted GPS	TSPC_A-GPS_Assist	No
A2/61	51.010-2	Privacy Option Supported	TSPC_PRIVACY	No
A2/62	51.010-2	Support of DTM/GPRS	TSPC_DTM_GPRS	No
A2/63	51.010-2	Support MS Assisted EOTD Performance for GMSK	TSPC_EOTD_ASSIST AND TSPC_PERF_GMSK	No
A2/64	51.010-2	Support MS Assisted EOTD Performance for 8PSK	TSPC_EOTD_ASSIST AND TSPC_PERF_8PSK	No
A2/65	51.010-2	Support of EGPRS Packet Access Enhancement	TSPC_EGPRS_ENHANC	No
A2/66	51.010-2	void		
A2/67	51.010-2	Support of MT SMS over GPRS	TSPC_MT_SMS_over_GPRS	Yes
A2/68	51.010-2	void		
A2/69	51.010-2	Support of DTM/EGPRS	TSPC_DTM_EGPRS	No
A2/70	51.010-2	Support of Extended dynamic allocation	TSPC_Extended_Dynamic_Allocation	No
A2/71	51.010-2	Support of GAN	TSPC_GAN	No
A2/72	51.010-2	Support of GERAN FEATURE PACKAGE 1	TSPC_GERAN_FEATURE_PACKAGE_1	Yes
A2/73	51.010-2	Support of Encryption A5/3	TSPC_Feat_A53	Yes
A2/74	51.010-2	Support of Fine Time Assistance	TSPC_Fine_Time_Assist	No
A2/75	51.010-2	Support of Encryption GEA2	TSPC_Feat_GEA2	Yes
A2/76	51.010-2	Support of Encryption GEA3	TSPC_Feat_GEA3	No
A2/77	51.010-2	Use of R99 Emergency numbers	TSPC_R99_Emerg	Yes
A2/78	51.010-2	Support of GERAN FEATURE PACKAGE 2	TSPC_GERAN_FEATURE_PACKAGE_2	No
A2/79	51.010-2	Support of GAN to UTRAN CS Handover	TSPC_GAN_TO_UTRAN_CS_Handover	No
A2/80	51.010-2	Support of UTRAN to GAN CS Handover	TSPC_UTRAN_TO_GAN_CS_Handover	No
A2/81	51.010-2	Support of Enhanced DTM CS	TSPC_Enhanced_DTM_CS	No
A2/82	51.010-2	Support of PS Handover	TSPC_PS_Handover	No
A2/83	51.010-2	Support of simultaneous CS and PS services in GAN	TSPC_Simult_CS_PS_GAN	No
A2/84	51.010-2	Support of Latency reductions	TSPC_Latency_Reductions	No
A2/85	51.010-2	Support of Downlink Dual Carrier	TSPC_Downlink_DualCarrier	No
	51.010-2	**1.5 Teleservices**		
A3/1	51.010-2	Telephony	TSPC_Serv_TS11	Yes
A3/2	51.010-2	Emergency Call	TSPC_Serv_TS12	Yes
A3/3	51.010-2	Short Message MT/PP (SMS MT)	TSPC_Serv_TS21	Yes
A3/4	51.010-2	Short Message MO/PP (SMS MO)	TSPC_Serv_TS22	Yes
A3/5	51.010-2	SMS Cell Broadcast (SMS CB)	TSPC_Serv_TS23	Yes
A3/6	51.010-2	Teleservice Alternate Speech and G3 fax	TSPC_Serv_TS61	No
A3/7	51.010-2	Teleservice Automatic G3 fax	TSPC_Serv_TS62	Yes
A3/8	51.010-2	Voice Group Call Service (VGCS)	TSPC_Serv_TS91	No
A3/9	51.010-2	Voice Broadcast Service (VBS)	TSPC_Serv_TS92	No
A3/10	51.010-2	SMS description	TSPC_SMS_description	Yes
	51.010-2	**1.6 Bearer Services**		
A4/1	51.010-2	Data circuit duplex async. 300 bit/s	TSPC_Serv_BS21	No
A4/2	51.010-2	Data circuit duplex async. 1 200 bit/s	TSPC_Serv_BS22	No
A4/3	51.010-2	Data circuit duplex async. 1 200/75 bit/s	TSPC_Serv_BS23	No
A4/4	51.010-2	Data circuit duplex async. 2 400 bit/s	TSPC_Serv_BS24	No
A4/5	51.010-2	Data circuit duplex sync. 4 800 bit/s	TSPC_Serv_BS25	No
A4/6	51.010-2	Data circuit duplex async. 9600 bit/s	TSPC_Serv_BS26	Yes
A4/7	51.010-2	Data circuit duplex sync. 1200 bit/s	TSPC_Serv_BS31	No

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A4/8	51.010-2	Data circuit duplex sync. 2400 bit/s	TSPC_Serv_BS32	No
A4/9	51.010-2	Data circuit duplex sync. 4800 bit/s	TSPC_Serv_BS33	No
A4/10	51.010-2	Data circuit duplex sync. 9 600 bit/s	TSPC_Serv_BS34	No
A4/11	51.010-2	PAD Access 300 bit/s	TSPC_Serv_BS41	No
A4/12	51.010-2	PAD Access 1200 bit/s	TSPC_Serv_BS42	No
A4/13	51.010-2	PAD Access 1 200/75 bits/s	TSPC_Serv_BS43	No
A4/14	51.010-2	PAD Access 2 400 bit/s	TSPC_Serv_BS44	No
A4/15	51.010-2	PAD Access 4800 bit/s	TSPC_Serv_BS45	No
A4/16	51.010-2	PAD Access 9 600 bit/s	TSPC_Serv_BS46	No
A4/17	51.010-2	Packet Access 2400 bit/s	TSPC_Serv_BS51	No
A4/18	51.010-2	Packet Access 4 800 bit/s	TSPC_Serv_BS52	No
A4/19	51.010-2	Packet Access 9600 bit/s	TSPC_Serv_BS53	No
A4/20	51.010-2	Alternate Speech/Data.	TSPC_Serv_BS61	No
A4/21	51.010-2	Speech Followed by Data.	TSPC_Serv_BS81	No
A4/22	51.010-2	GPRS	TSPC_Serv_BS70	Yes
A4/23	51.010-2	Bluetooth data rate	TSPC_Serv_BS71	No
A4/24	51.010-2	WLAN data rate	TSPC_Serv_BS72	No
	51.010-2	**1.7 Supplementary Services**		
A5/1	51.010-2	Calling Line Identification Presentation (CLIP)	TSPC_Serv_SS_CLIP	Yes
A5/2	51.010-2	Calling Line Identification Restriction (CLIR)	TSPC_Serv_SS_CLIR	Yes
A5/3	51.010-2	Connected Line Identification Presentation (COLP)	TSPC_Serv_SS_COLP	Yes
A5/4	51.010-2	Connected Line Identification Restriction (COLR)	TSPC_Serv_SS_COLR	Yes
A5/5	51.010-2	Call Forwarding Unconditional (CFU)	TSPC_Serv_SS_CFU	Yes
A5/6	51.010-2	Call Forwarding on Mobile Subscriber Busy (CFB)	TSPC_Serv_SS_CFB	Yes
A5/7	51.010-2	Call Forwarding on No Reply (CFNRY)	TSPC_Serv_SS_CFNRy	Yes
A5/8	51.010-2	Call Forwarding on Mobile Subscriber Not Reachable (CFNRC)	TSPC_Serv_SS_CFNRc	Yes
A5/9	51.010-2	Call waiting (CW)	TSPC_Serv_SS_CW	Yes
A5/10	51.010-2	Call hold / retrieve (HOLD)	TSPC_Serv_SS_HOLD	Yes
A5/11	51.010-2	Multiparty Service (MPTY)	TSPC_Serv_SS_MPTY	Yes
A5/12	51.010-2	Closed User Group (CUG)	TSPC_Serv_SS_CUG	Yes
A5/13	51.010-2	Advice of Charge -Information (AOCI)	TSPC_Serv_SS_AoCI	Yes
A5/14	51.010-2	Advice of Charge -Charging (AOCC)	TSPC_Serv_SS_AoCC	Yes
A5/15	51.010-2	Call barring on all outgoing calls (BAOC)	TSPC_Serv_SS_BAOC	Yes
A5/16	51.010-2	Call barring on international outgoing calls (BAIC)	TSPC_Serv_SS_BOIC	Yes
A5/17	51.010-2	Call barring on international outgoing calls except those directed to the home PLMN country (BOIEXH)	TSPC_Serv_SS_BOICexHC	Yes
A5/18	51.010-2	Call barring on all incoming calls (BAIC)	TSPC_Serv_SS_BAIC	Yes
A5/19	51.010-2	Call barring on incoming calls when roaming outside the home PLMN country (BICRO)	TSPC_Serv_SS_BICRoam	Yes
A5/20	51.010-2	Unstructured SS Data (USSD)	TSPC_Serv_SS_unstruct	Yes
A5/21	51.010-2	enhanced Multi-Level Precedence and Pre-emption service (eMLPP)	TSPC_Serv_SS_eMLPP	No
A5/22	51.010-2	Call Deflection (CD)	TSPC_Serv_SS_CD	Yes
A5/23	51.010-2	User-to-User signalling (UUS)	TSPC_Serv_SS_UUS	No
A5/24	51.010-2	Explicit Call Transfer (ECT)	TSPC_Serv_SS_ECT	Yes
A5/25	51.010-2	Implicit UUS1	TSPC_Serv_SS_ImpUUS1	No
A5/26	51.010-2	Sending of implicit UUS1 in the ALERTING message	TSPC_Serv_SS_Send_UUS1_ALERTING	No
A5/27	51.010-2	Sending of implicit UUS1 in the CONNECT message	TSPC_Serv_SS_Send_UUS1_CONNECT	No
A5/28	51.010-2	Follow Me		
A5/29	51.010-2	User-to-Dispatcher Information	TSPC_Serv_UTDI	No
A5/30	51.010-2	Compressed User-to-Dispatcher	TSPC_Serv_Compr_UTDI	No
A5/31	51.010-2	Call Completion to Busy Subscriber SS (CCBS)	TSPC_CCBS_SS	No
A5/32	51.010-2	Call Completion to Busy Subscriber Requests	TSPC_CCBS_Req	No
A5/33	51.010-2	Support of Private Numbering Plan SS (SPNP)	TSPC_SPNP_SS	No
A5/34	51.010-2	Support of Private Numbering Plan, Numbering Plans (SPNP)	TSPC_Num_plans	No
A5/35	51.010-2	Name Identification SS - Calling Name Presentation (CNAP)	TSPC_CNAP	Yes
A5/36	51.010-2	void		No
A5/37	51.010-2	Support of MO-LR request for a position estimate	TSPC_MOLR_POS	No

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A5/38	51.010-2	Support of MO-LR request for transfer to 3rd party	TSPC_MOLR_3RD	No
A5/39	51.010-2	Support of MT-LR	TSPC_MTLR	No
A5/40	51.010-2	Support of MO-LR request for assistance data	TSPC_MOLR_ASSIS	No
	51.010-2	**1.8 Bearer Capability Information**		
A6/1	51.010-2	Bearer Service 21(20) .. 26, unrestricted digital information transfer capability.	TSPC_BS2x_UDI	Yes
A6/2	51.010-2	Bearer Service 21(20) .. 26, 3.1 kHz audio ex-PLMN information transfer capability.	TSPC_BS2x_31kHz	Yes
A6/3	51.010-2	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; Non-X.32 Cases (BS 31 .. BS 34)	TSPC_BS3x_UDI_nonX32	No
A6/4	51.010-2	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; X.32 Cases.	TSPC_BS3x_UDI_X32	No
A6/5	51.010-2	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; Non-X.32 Cases.	TSPC_BS3x_31kHz_nonX32	No
A6/6	51.010-2	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; X.32 Cases.	TSPC_BS3x_31kHz_X32	No
A6/7	51.010-2	Bearer Service 41(40).46, PAD Access Asynchronous.	TSPC_BS4x_PAD	No
A6/8	51.010-2	Bearer Service 51(50).53, Data Packet Duplex Synchronous.	TSPC_BS5x_Packet	No
A6/9	51.010-2	Bearer Service 61, Alternate Speech/Data, "Speech".	TSPC_BS61_Speech	No
A6/10	51.010-2	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous.	TSPC_BS61_31kHz_Async	No
A6/11	51.010-2	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous.	TSPC_BS61_31kHz_Sync	No
A6/12	51.010-2	Bearer Service 81, Speech followed by Data, "Speech".	TSPC_BS81_Speech	No
A6/13	51.010-2	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous.	TSPC_BS81_31kHz_Async	No
A6/14	51.010-2	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous.	TSPC_BS81_31kHz_Sync	No
A6/15	51.010-2	Teleservice 11..12, Speech	TSPC_TS1x_Speech	Yes
A6/16	51.010-2	Teleservice 61, Alternate Speech and Facsimile group 3; "Speech".	TSPC_TS61_Speech	No
A6/17	51.010-2	Teleservice 61, Alternate Speech and Facsimile group 3; Facsimile group 3.	TSPC_TS61_G3FAX	No
A6/18	51.010-2	Teleservice 62,Automatic Facsimile group 3 (G3 fax)	TSPC_TS62_G3FAX	Yes
	51.010-2	**1.9 Bearer Service 20..26, UDI**		
A7/1	51.010-2	Signalling Access Protocol (SAP)		Yes
A7/2	51.010-2	Connection Element (CE)		Yes
A7/3	51.010-2	User Info Layer 2 Protocol (UIL2P)		Yes
A7/4	51.010-2	Number of Data Bits (NDB)		Yes
A7/5	51.010-2	Parity Information (NPB)		Yes
A7/6	51.010-2	Number of Stop Bits (NSB)		Yes
A7/7	51.010-2	Radio Channel Requirement (RCR)		Yes
A7/8	51.010-2	Intermediate Rate (IR)		Yes
A7/9	51.010-2	User Rate (UR)		Yes
A7/10	51.010-2	Fixed Network User Rate (FNUR)		No
A7/11	51.010-2	Wanted Air Interface User Rate (WAIUR)		No
A7/12	51.010-2	User Initiated Modification Indication (UIMI)		No
A7/13	51.010-2	Maximum number of Traffic Channels (MaxNumTCH)		No
A7/10a	51.010-2	All allowed combinations according to 3GPP TS 07.01 B.1.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description)		No
	51.010-2	**1.10 Bearer Service 20..26, 3.1 kHz**		
A8/1	51.010-2	Signalling Access Protocol (SAP)		Yes
A8/2	51.010-2	Connection Element (CE)		Yes
A8/3	51.010-2	User Info Layer 2 Protocol (UIL2P)		Yes

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A8/4	51.010-2	Number of Data Bits (NDB)		Yes
A8/5	51.010-2	Parity Information (NPB)		Yes
A8/6	51.010-2	Number of Stop Bits (NSB)		Yes
A8/7	51.010-2	Radio Channel Requirement (RCR)		Yes
A8/8	51.010-2	Intermediate Rate (IR)		Yes
A8/9	51.010-2	User Rate (UR)		Yes
A8/10	51.010-2	Modem Type (MT)		Yes
A8/11	51.010-2	Fixed Network User Rate (FNUR)		No
A8/12	51.010-2	Wanted Air Interface User Rate (WAIUR)		No
A8/13	51.010-2	Acceptable channel codings (ACC)		No
A8/14	51.010-2	User Initiated Modification Indication (UIMI)		No
A8/15	51.010-2	Maximum number of Traffic Channels (MaxNumTCH)		No
A8/11a	51.010-2	All allowed combinations according to 3GPP TS 07.01 B.1.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description)		No
A9	51.010-2	**1.11 Bearer Service 30..34, UDI, Non-X.32**		No
A10	51.010-2	**1.12 Bearer Service 30..34, UDI, X.32**		No
A10a	51.010-2	**1.13 Bearer Service 30..34, UDI, 48 kbps and 56 kbps bit transparent**		No
A10b	51.010-2	**1.14 Bearer Service 30..34, UDI, 64 kbps bit transparent**		No
A11	51.010-2	**1.15 Bearer Service 30..34, 3.2 kHz, Non-X.32**		No
A12	51.010-2	**1.16 Bearer Service 30..34, 3.2 kHz, X.32**		No
A13	51.010-2	**1.17 Bearer Service 40..46, PAD Access**		No
A14	51.010-2	**1.18 Bearer Service 50..53, Data Packet Duplex Synchronous**		No
A15	51.010-2	**1.19 Bearer Service 61, Alternate Speech/Data, "Speech"**		No
A16	51.010-2	**1.20 Bearer Service 61, Alternate Speech/Data, 3.1kHz, Async**		No
A17	51.010-2	**1.21 Bearer Service 61, Alternate Speech/Data, 3.1kHz, Sync**		No
A18	51.010-2	**1.22 Bearer Service 81, Speech followed by Data, "Speech"**		No
A19	51.010-2	**1.23 Bearer Service 81, Speech followed by Data, 3.1kHz, Async**		No
A20	51.010-2	**1.24 Bearer Service 81, Speech followed by Data, 3.1kHz, Sync**		No
	51.010-2	**1.25 Teleservice 11..12, Speech**		No
A21/1	51.010-2	Radio Channel Requirement (RCR)		Yes
A22	51.010-2	**1.26 Alternate Speech and Facsimile group 3, Speech**		No
A23	51.010-2	**1.27 Alternate Speech and Facsimile group 3, Facsimile group 3**		No
	51.010-2	**1.28 Teleservice 62, Automatic G3 fax**		No
A24/1	51.010-2	Connection Element (CE)		Yes
A24/2	51.010-2	User Info Layer 2 Protocol (UIL2P)		Yes
A24/3	51.010-2	Intermediate Rate (IR)		Yes
A24/4	51.010-2	User Rate (UR)		Yes
A24/5	51.010-2	All allowed combinations according to 3GPP TS 07.01 B.1.2.2 (3GPP TS 27.001, annex B) implemented (if not, provide detailed description)		No
	51.010-2	**1.29 Additional Information**		
A25/1	51.010-2	at least one Half Rate service	TSPC_AddInfo_HalfRate	Yes
A25/2	51.010-2	Speech supported for Full rate version 1 (GSM FR)	TSPC_AddInfo_Full_rate_version_1	Yes
A25/3	51.010-2	Speech supported for Half rate version 1 (GSM HR)	TSPC_AddInfo_Half_rate_version_1	Yes
A25/4	51.010-2	At least one data service	TSPC_AddInfo_DataSvc	Yes
A25/5	51.010-2	at least one Full Rate data service	TSPC_AddInfo_FullRateData	Yes
A25/6	51.010-2	at least one Half Rate data service	TSPC_AddInfo_HalfRateData	No

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A25/7	51.010-2	at least one Non-transparent data service	TSPC_AddInfo_NonTransData	Yes
A25/8	51.010-2	at least one transparent data service	TSPC_AddInfo_TransData	Yes
A25/9	51.010-2	Only transparent data service	TSPC_AddInfo_TranspDataOnly	No
A25/10	51.010-2	at least one asynchronous data service	TSPC_AddInfo_AsyncData	Yes
A25/11	51.010-2	at least one asynchronous non-transparent data service	TSPC_AddInfo_AsyncNonTransData	Yes
A25/12	51.010-2	2.4 k Full Rate data mode	TSPC_AddInfo_24DataF	No
A25/13	51.010-2	2.4 k Half Rate data mode	TSPC_AddInfo_24DataH	No
A25/14	51.010-2	4.8 k Full Rate data mode	TSPC_AddInfo_48DataF	No
A25/15	51.010-2	4.8 k Half Rate data mode	TSPC_AddInfo_48DataH	No
A25/16	51.010-2	9.6 k Full Rate data mode	TSPC_AddInfo_96Data	Yes
A25/17	51.010-2	Non-transparent service with full rate FR channel at a user rate of 4.8 kbits/s	TSPC_AddInfo_fullRate48	No
A25/18	51.010-2	At least one bearer capability	TSPC_AddInfo_BC	Yes
A25/19	51.010-2	at least one MT circuit switched basic service	TSPC_AddInfo_MTsvc	Yes
A25/20	51.010-2	at least one MO circuit switched basic service	TSPC_AddInfo_MOsvc	Yes
A25/21	51.010-2	Only SDCCH	TSPC_AddInfo_SDCCHOnly	No
A25/22	51.010-2	at least one service on traffic channel supported	TSPC_AddInfo_SvcOnTCH	Yes
A25/23	51.010-2	dual rate ratio radio channel type (no relation to supported speech codecs)	TSPC_AddInfo_DualRate	Yes
A25/24	51.010-2	Only full rate radio channel type (no relation to supported speech codecs)	TSPC_AddInfo_FullRateOnly	No
A25/25	51.010-2	At least one teleservice	TSPC_AddInfo_TeleSvc	Yes
A25/26	51.010-2	CC protocol for at least one BC	TSPC_Addinfo_CCprotocol_oneBC	Yes
A25/27	51.010-2	The only circuit switched basic service supported by the mobile is emergency call	TSPC_AddInfo_EmgOnly	No
A25/28	51.010-2	Fax Error Correction mode	TSPC_AddInfo_FaxErrCorr	No
A25/29	51.010-2	At least one supplementary service	TSPC_AddInfo_SS	Yes
A25/30	51.010-2	Non call related supplementary services	TSPC_AddInfo_NonCallSS	Yes
A25/31	51.010-2	At least one short message service	TSPC_AddInfo_SMS	Yes
A25/32	51.010-2	SMS reply procedures	TSPC_AddInfo_ReplyProc	Yes
A25/33	51.010-2	Replace SMS	TSPC_AddInfo_ReplaceSMS	Yes
A25/34	51.010-2	Display of received SMS	TSPC_AddInfo_DispRcvSMS	Yes
A25/35	51.010-2	SMS status report capabilities (SMSS SIM file)	TSPC_AddInfo_SMSStatusRepCap	Yes
A25/36	51.010-2	Storing of short messages in the SIM	TSPC_AddInfo_StoreRcvSMSSIM	Yes
A25/37	51.010-2	Storing of short messages in the ME	TSPC_AddInfo_StoreRcvSMSME	No
A25/38	51.010-2	Detach on power down	TSPC_AddInfo_DetachOnPwrDn	Yes
A25/39	51.010-2	Detach on SIM remove	TSPC_AddInfo_DetachOnSIMRmv	No
A25/40	51.010-2	SIM removable without power down	TSPC_AddInfo_SIMRmv	No
A25/41	51.010-2	ID-1 SIM	TSPC_AddInfo_ID1	No
A25/42	51.010-2	Plug-in SIM	TSPC_AddInfo_PlugIn	Yes
A25/43	51.010-2	Disable PIN feature	TSPC_AddInfo_DisablePin	Yes
A25/44	51.010-2	PIN2 feature	TSPC_AddInfo_Pin2	Yes
A25/45	51.010-2	Feature requiring entry of PIN2	TSPC_AddInfo_Pin2Feature	Yes
A25/46	51.010-2	Chars 0-9, *, # supported	TSPC_AddInfo_BasCharSet	Yes
A25/47	51.010-2	A, B, C, D, … chars supported	TSPC_AddInfo_AddCharSet	No
A25/48	51.010-2	Automatically enter automatic selection of PLMN mode	TSPC_AddInfo_AutoAutoMode	Yes
A25/49	51.010-2	Alerting indication to the user	TSPC_AddInfo_AlertInd	Yes

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A25/50	51.010-2	Appl. Layer is always running	TSPC_AddInfo_ApplAlwaysRun	No
A25/51	51.010-2	Immediate Connect supported for all circuit switch basic services	TSPC_AddInfo_ImmConn	No
A25/52	51.010-2	In-Call modification	TSPC_AddInfo_InCallMod	No
A25/53	51.010-2	Follow-on request procedure	TSPC_AddInfo_followOnReq	No
A25/54	51.010-2	refusal of call	TSPC_AddInfo_RefusalCall	Yes
A25/55	51.010-2	RF amplification	TSPC_AddInfo_RFAmp	No
A25/56	51.010-2	Number of B-party number for autocalling is greater than the number of entries in the blacklist	TSPC_AddInfo_AutocallBnoGreaterM	Yes
A25/57	51.010-2	Handset MS supporting speech	TSPC_AddInfo_SpeechHandset	Yes
A25/58	51.010-2	MT2 Configuration	TSPC_AddInfo_MT2	Yes
A25/59	51.010-2	MT2 Configuration or any other possibility to send data over Um interface	TSPC_AddInfo_MT2orOther	Yes
A25/60	51.010-2	Permanent Antenna Connector	TSPC_AddInfo_PermAntenna	Yes
A25/61	51.010-2	Pseudo-synchronised handover supported	TSPC_AddInfo_PseudoSynch	Yes
A25/62	51.010-2	5V only SIM/ME interface	TSPC_AddInfo_5V	No
A25/63	51.010-2	3V only SIM/ME interface	TSPC_AddInfo_3V	No
A25/64	51.010-2	3V/5V SIM/ME interface	TSPC_AddInfo_3V5V	No
A25/65	51.010-2	Speech supported for Full rate version 2 (GSM EFR)	TSPC_AddInfo_Full_rate_version_2	Yes
A25/66a	51.010-2	RLP supports non default parameters	TSPC_AddInfo_NonDefaultRlpParam	Yes
A25/66b	51.010-2	Support of listening to voice broadcast calls (VBS listening)	TSPC_AddInfo_VBS_Listening	No
A25/67	51.010-2	Support of originating voice broadcast calls (VBS originating)	TSPC_AddInfo_VBS_Originating	No
A25/68	51.010-2	Support of listening to voice group calls (VGCS listening)	TSPC_AddInfo_VGCS_Listening	No
A25/69	51.010-2	Support of talking in voice group calls (VGCS talking)	TSPC_AddInfo_VGCS_Talking	No
A25/70	51.010-2	Support of originating voice group calls (VGCS originating)	TSPC_AddInfo_VGCS_Originating	No
A25/71	51.010-2	Support of reduced NCH monitoring	TSPC_AddInfo_NCH_ReducedMonitor	No
A25/72	51.010-2	14.4 k data mode	TSPC_AddInfo_144Data	No
A25/73	51.010-2	Implementation of cause number 27 of busy autocalling in category 2	TSPC_AddInfo_Impl_CNr27_Cat2	N
A25/74	51.010-2	Implementation of cause number 27 of busy autocalling in category 3	TSPC_AddInfo_Impl_CNr27_Cat3	Yes
A25/75	51.010-2	void		
A25/76	51.010-2	Artificial ear type 1	TSPC_AddInfo_Ear_type1	Yes
A25/77	51.010-2	Artificial ear type 3.2, Low leak option	TSPC_AddInfo_Ear_type32_LL	No
A25/78	51.010-2	Artificial ear type 3.4	TSPC_AddInfo_Ear_type34	No
A25/79	51.010-2	Speech supported for Full Rate version 3 (FR AMR)	TSPC_AddInfo_Full_rate_version_3	Yes
A25/80	51.010-2	NCH monitoring in group receive mode	TSPC_AddInfo_NCH_Monit_Rev	No
A25/81	51.010-2	NCH monitoring in group transmit mode	TSPC_AddInfo_NCH_Monit_Tra	No
A25/82	51.010-2	NCH monitoring in dedicated mode	TSPC_AddInfo_NCH_Monit_Ded	No
A25/83	51.010-2	Support of one PDP context activation	TSPC_AddInfo_1PDP_CA	Yes
A25/84	51.010-2	Support of more than one PDP context activation	TSPC_AddInfo_mor1PDP CA	Yes

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A25/85	51.010-2	Support of more than one PDP context activation simultaneously one the same SAPI	TSPC_AddInfo_mor1PDP CA_SAPI	Yes
A25/86	51.010-2	Support of GPRS data compression	TSPC_AddInfo_GPRS_Data_ Compr	No
A25/87	51.010-2	Support of GPRS header compression	TSPC_AddInfo_GPRS_Head er_Compr	No
A25/88	51.010-2	Support of network requested PDP context activation	TSPC_AddInfo_N_req_PDP_ CA	No
A25/89	51.010-2	Support of user settings of minimum QoS	TSPC_AddInfo_min_QoS	Yes
A25/90	51.010-2	Automatic GPRS attach procedure at switch-on / power-on	TSPC_AddInfo_on_auto_GP RS_AP	Yes
A25/91	51.010-2	MMI controlled attach/detach procedures for non-GPRS services	TSPC_AddInfo_MMI_contr_A _DProc_Non GPRS	No
A25/92	51.010-2	Automatic attach when MS identity cannot be derived by the network	TSPC_AddInfo_auto_AP_no_ MS ID	Yes
A25/93	51.010-2	Automatic MM IMSI attach procedure at switch-on / power-on	TSPC_AddInfo_auto_MM_IM SI_AP_on_off	Yes
A25/94	51.010-2	Support of SIM Application Toolkit	TSPC_AddInfo_SIM_Appl_To olkit	Yes
A25/95	51.010-2	1.8V only SIM/ME interface	TSPC_AddInfo_1_8V	No
A25/96	51.010-2	1.8/3V SIM/ME interface	TSPC_AddInfo_1_8V3V	Yes
A25/97	51.010-2	Multiple SMS MO/PP on same RR link	TSPC_AddInfo_MultSMsame RR	No
A25/98	51.010-2	Support of stored list cell selection	TSPC_AddInfo_StoredListCell Sel	Yes
A25/99	51.010-2	At least one service do not support immediate connection	TSPC_AddInfo_NoimmConn	Yes
A25/100	51.010-2	void		
A25/101	51.010-2	void		
A25/102	51.010-2	EFR_EmgCallSetup message contains the bearer capability	TSPC_AddInfo_EFR_EmgCal lBcap	Yes
A25/103	51.010-2	Support of MonitorPCH_GroupTransmitMode	TSPC_AddInfo_MonitorPCH_ GroupTransmitMode	No
A25/104	51.010-2	Integral_Antenna	TSPC_AddInfo_IntegrAntenn a	Yes
A25/105	51.010-2	User requested combined GPRS and non-GPRS detached without powering off	TSPC_AddInfo_Comb_DP_no _pwr_off	No
A25/106	51.010-2	User requested non-GPRS detached	TSPC_AddInfo_Usr_non_GP RS_DP	No
A25/107	51.010-2	Artificial ear type 3.2, High leak option	TSPC_AddInfo_Ear_type32_ HL	No
A25/108	51.010-2	Artificial ear type 3.3	TSPC_AddInfo_Ear_type33	No
A25/109	51.010-2	Support of Multiple SMS	TSPC_Addinfo_MultSMS	Yes
A25/110	51.010-2	Cell Reselection after T3184 Expiry	TSPC_Cell_Resel	No
A25/111	51.010-2	GPRS attach attempted automatically due to outstanding request	TSPC_AddInfo_GPRS_Attach _Attempt_Outstanding	Yes
A25/112	51.010-2	Speech supported for Half rate version 3 (HR AMR)	TSPC_AddInfo_Half_rate_ver sion_3	Yes
A25/113	51.010-2	AMR LoopBack I	TSPC_AMR_LoopBack	Yes
A25/114	51.010-2	TTY services	TSPC_AddInfo_TTY	No
A25/115	51.010-2	Support of Secondary PDP Context Activation	TSPC_SEC_PDP_CONTEXT	No
A25/116	51.010-2	Support of MO SMS Concatenation	TSPC_SMS_MO_CONCATE NATION	Yes
A25/117	51.010-2	Support of MT SMS Concatenation	TSPC_SMS_MT_CONCATE NATION	Yes
A25/118	51.010-2	NITZ Supported	TSPC_NITZ	Yes
A25/119	51.010-2	Handling of Real Time (for NITZ)	TSPC_NITZ_DST	Yes
A25/120	51.010-2	void		Yes
A25/121	51.010-2	Re-attach automatically when the network commands a detach with no cause value	TSPC_AddInfo_GPRS_Attach _on_NW_Detach_NoCause	No

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A25/122	51.010-2	Support of GPRS header compression algorithm type RFC 1144	TSPC_AddInfo_GPRS_Header_Compr_Type_RFC1144	No
A25/123	51.010-2	Support of GPRS header compression algorithm type RFC 2507	TSPC_AddInfo_GPRS_Header_Compr_Type_RFC2507	No
A25/124	51.010-2	Support of ROHC algorithm type RFC 3241	TSPC_AddInfo_ROHC_Type_RFC3241	No
A25/125	51.010-2	Support of ROHC algorithm type RFC 3242	TSPC_AddInfo_ROHC_Type_RFC3242	No
A25/126	51.010-2	Support of ROHC algorithm type RFC 3408	TSPC_AddInfo_ROHC_Type_RFC3408	No
A25/127	51.010-2	Support of ROHC algorithm type RFC 3095	TSPC_AddInfo_ROHC_Type_RFC3095	No
A25/128	51.010-2	The way to trigger transferring of new user data in a different PDP context while an uplink transfer is in progress	TSPC_AddInfo_NewULDataInNewPDP_while_ULTransferInOldPDP	Yes
A25/129	51.010-2	Support of DARP phase 1	TSPC_DARP_Phase1	Yes
A25/130	51.010-2	Support of Card Application	TSPC_Card_Appl	No
A25/131	51.010-2	Support of GSM speech half rate version 6 (O-TCH/AHS)	TSPC_O-TCH_AHS	No
A25/132	51.010-2	MS with improved receiver performance	TSPC_Improv_RX_perform	Yes
A25/133	51.010-2	Support of GSM speech full rate version 4 (O-TCH/WFS)	TSPC_O-TCH_WFS	No
A25/134	51.010-2	Verification for correct repetition of new password	TSPC_Verification_correct_new_password	Yes
A25/135	51.010-2	MS using reduced interslot dynamic range in multislot configurations	TSPC_Addinfo_Red_IntSlotRange_Mult_Conf	No
A25/136	51.010-2	Support of GSM speech Half rate version 4 (O-TCH/WHS)	TSPC_O-TCH_WHS	No
A25/137	51.010-2	Support of GSM Speech Full Rate version 5 (TCH/WFS)	TSPC_TCH_WFS	No
A25/138	51.010-2	Support of overwriting the existing Class 2 SMS	TSPC_AddInfoOverwriteRcvClass2SMSSIM	Yes
A25/139	51.010-2	Support of Repeated ACCH	TSPC_Repeated_ACCH	Yes
A25/140	51.010-2	Support for a method for resetting stored A-GPS assistance data	TSPC_A-GPS_Data_Reset	No
A25/141	51.010-2	Support of DARP phase 2	TSPC_DARP_Phase2	No
A25/142	51.010-2	Support of Rel-4 acoustic implementation	TSPC_AddInfo_Rel4_Acoustic	No
A25/143	51.010-2	MS with no components having RF performance sensitive to vibration condition during testing	TSPC_No_Vibration_Sensitive_Components	No
A25/144	51.010-2	Use of NITZ Full Name	TSPC_NITZ_Full_Name	Yes
A25/145	51.010-2	Use of NITZ Short Name	TSPC_NITZ_Short_Name	Yes
A25/146	51.010-2	Use of NITZ Universal Time	TSPC_NITZ_Universal_Time	Yes
A25/147	51.010-2	Use of NITZ Local Time Zone	TSPC_NITZ_Time_Zone	Yes
A25/148	51.010-2	MS using a temporary antenna connector	TSPC_AddInfo_TempAntenna	No
A25/149	51.010-2	Support of Repeated FACCH	TSPC_Repeated_FACCH	Yes
A25/150	51.010-2	Support of HATS	TSPC_AddInfo_HATS	No
	51.010-2	**1.30 Additionnal info (requiring value)**		
A25.1/1	51.010-2	AMR C/I normalization factor (units: dB)		Yes
A25.1/2	51.010-2	Loop C delay (round trip delay, in number of TDMA frames)		Yes
A25.1/3	51.010-2	AMR C/I normalization factors (AFS, DARP)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)		Yes
A25.1/4	51.010-2	AMR C/I normalization factors (AHS, DARP)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)		Yes
A25.1/5	51.010-2	O-TCH/F C/I normalisation factor (units: dB)		No

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A25.1/6	51.010-2	Loop C delay Half rate (round trip delay, in number of TDMA frames)		Yes
A25.1/7	51.010-2	Averaging time Tav This time is the time between the first and the last measurement sample taken on one carrier during one averaging period when measurering received signal strength		Yes
A25.1/8	51.010-2	TCH/WFS C/I normalisation factor		No
A25.1/9	51.010-2	TCH/WFS C/I normalization factors (TCH/WFS, DARP) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9 (units: dB)		No
A25.1/10	51.010-2	MS LCS Notification timeout timer		
	51.010-2	**1.31 Support of UTRAN Radio Access Technology00**		
A27/1	51.010-2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	TSPC_Conversational_12_2_CSRAB_3_4_SRAB	No
A27/2	51.010-2	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	TSPC_Streaming_14_4_CSRAB_3_4_SRAB	No
A27/3	51.010-2	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	TSPC_Streaming_28_8_CSRAB_3_4_SRAB	No
A27/4	51.010-2	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	TSPC_Streaming_57_6_CSRAB_3_4_SRAB	No
		5 34.171		
		5.1 3GPP Version		
		This version is based on version 3GPP 34.171, REL-8, v8.1.0, from March 2009		
		5.2 FDD Layer 1 UE Radio Access Capabilities		
		5.3 Additional capabilities		
		1 51.10-4 (SAT, 2G)		
		1.1 3GPP version		
		This version is based on 3GPP version v4.8.0 (no version existing beyond v4.5.0 since SIM functionnality stopped at R4)		
		1.2 Contents		
A1/1	51.10-4	Capability Configuration parameter	O_Cap_Conf	Yes
A1/2	51.10-4	Sustained text	O_sust_text	Yes
A1/3	51.10-4	UCS2 coding scheme for Entry	O_Ucs2_Entry	Yes
A1/4	51.10-4	Extended Text String	O_Ext_Str	Yes
A1/5	51.10-4	Help information	O_Help	Yes
A1/6	51.10-4	Icons	O_Icons	Yes
A1/7	51.10-4	Class A: Dual Slot	O_Dual_Slot	No
A1/8	51.10-4	Detachable reader	O_Detach_Rdr	No
A1/9	51.10-4	Class B: RUN AT	O_Run_At	No
A1/10	51.10-4	Class C: LAUNCH BROWSER	O_LB	No
A1/11	51.10-4	Class D: Soft keys	O_Soft_key	No
A1/12	51.10-4	Class E: B.I.P related to CSD	O_BIP_CSD	Yes
A1/13	51.10-4	Screen sizing parameters	O_Scr_Siz	No
A1/14	51.10-4	Screen Resizing	O_Scr_Resiz	No
A1/15	51.10-4	UCS2 coding scheme for Display	O_Ucs2_Disp	Yes
A1/16	51.10-4	Mobile supporting GPRS	O_GPRS	Yes
A1/17	51.10-4	Mobile supporting UDP	O_UDP	Yes
A1/18	51.10-4	Mobile supporting TCP	O_TCP	Yes
A1/19	51.10-4	Redial in Set Up Call	O_Redial	Yes
A1/20	51.10-4	Mobile decision to respond with "No response from user" in finite time	O_D_NoResp	Yes
A1/21	51.10-4	Class E: B.I.P related to GPRS	O_BIP_GPRS	No
A1/22	51.10-4	Mobile supporting Called Party Subaddress	O_CP_Subaddr	Yes
A1/23	51.10-4	Mobile supporting Fixed Dialling Numbers	O_FDN	Yes
A1/24	51.10-4	Mobile supporting Barred Dialling Numbers	O_BDN	No
A1/25	51.10-4	Mobile supporting "+CIMI" in combination with Run AT Command	O_+CIMI	No

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A1/26	51.10-4	UCS2 in Cyrillic	O_UCS2_Cyrillic	Yes
A1/27	51.10-4	Mobile supporting '9EXX' response code for SIM data download error	O_9EXX	Yes
A1/28	51.10-4	Mobile supporting Envelope Call Control always sent to the SIM during automatic redial mode	O_CC_Auto_Redial	Yes
A1/29	51.10-4	Mobile supporting 2nd alpha identifier in SET UP CALL	O_SetUp_Call_Sec_Alpha_Id	Yes
A1/30	51.10-4	Mobile supporting Open Channel (GPRS) not containing a Network Access Name TLV when no default Access Point Name is set in the terminal configuration	O_Open_Channel_GPRS_without_DefaultAPN	No
A1/31	51.10-4	Preferred buffer size supported by the terminal for Open Channel command is greater than 0 byte and less than 65535 bytes	O_BUFFER_SIZE	No
A1/32	51.10-4	Terminal supports Dual Transfer Mode (allowing GPRS connection and call at the same time)	O_DTM	No
A1/33	51.10-4	Terminal supports Long ForwardToNumber	O_longFTN	Yes
A1/34	51.10-4	Terminal executes User confirmation phase before sending PDP context activation request	O_User_Confirm_Before_PDP_Context_Request	No
A1/35	51.10-4	Terminal supports SAT and USAT	O_SAT_USAT	No
A1/36	51.10-4	ME requesting for user confirmation before sending the Envelope Call Control command	O_UC_Before_EnvCC	No
A1/37	51.10-4	ME requesting for user confirmation after sending the Envelope Call Control command	O_UC_After_EnvCC	No
A1/38	51.10-4	ME supports Call Hold Supplementary Service	O_Serv_SS_HOLD	Yes
A1/39	51.10-4	ME supports icons as defined in record 1 of EF(IMG)	O_Icons_Rec1	No
A1/40	51.10-4	ME supports icons as defined in record 2 of EF(IMG)	O_Icons_Rec2	No

ANNEX D

of

Full GSM TEST REPORT

No. SH_GT_303806

for

SIMCOM

GSM 850/900/1800/1900

User Equipment Type SIM900

with

Final Hardware Version: V2.03

Final Software Version: SIM900 R11.0

Photographs

This Annex consists of 2 pages

Date of Report: 2010-03-02

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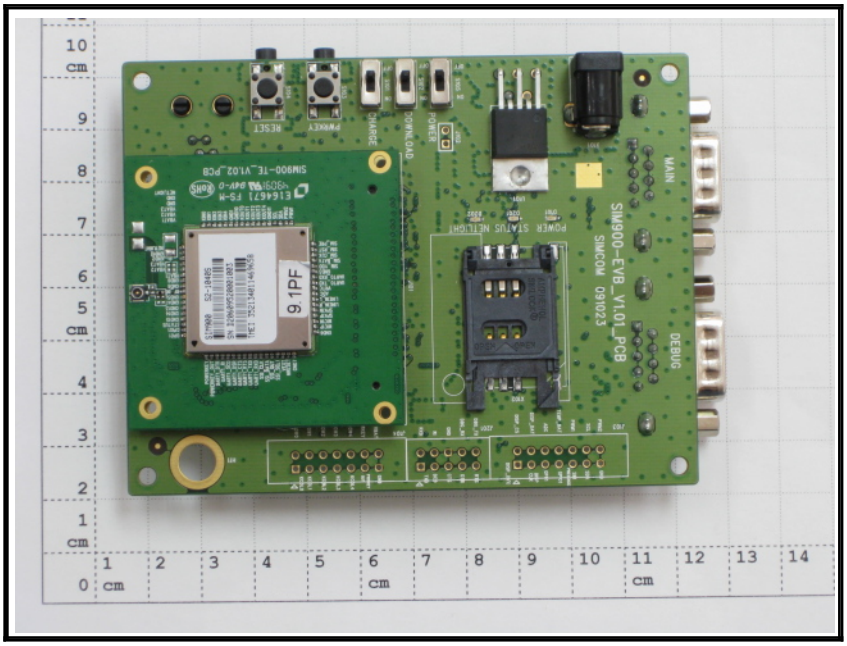
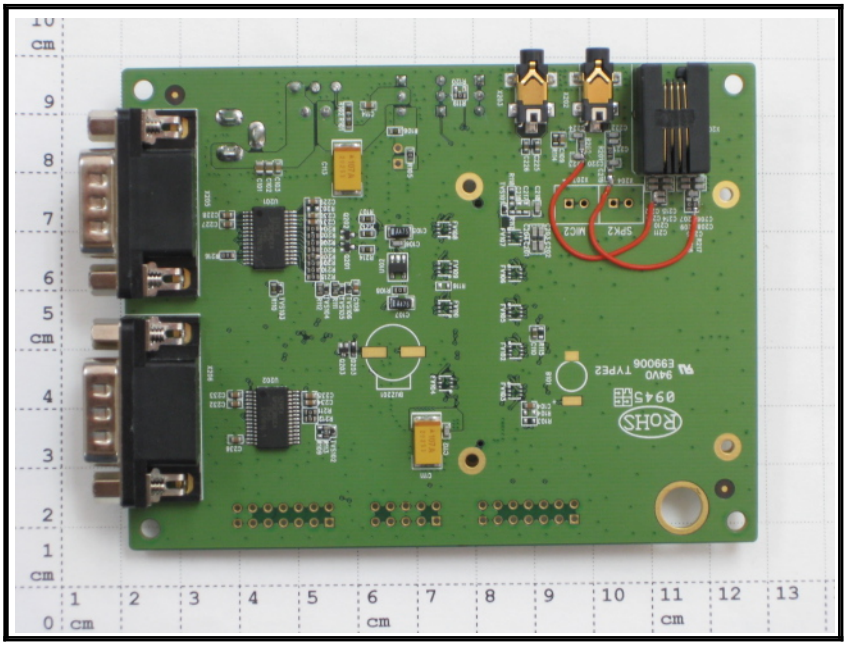
1. Photographs of the Equipment under Test

1.1 Front View



1.2 Back View



ANNEX E

of

CETECOM™

Full GSM TEST REPORT

No. SH_GT_303806

for

SIMCOM

GSM 850/900/1800/1900

User Equipment Type SIM900

with

Final Hardware Version: V2.03

Final Software Version: SIM900 R11.0

Detailed Test Results

This Annex consists of 82 pages

Date of Report: 2010-03-02

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Contents

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1. General Description

This annex of the GSM test report includes tables with detailed test results of the equipment under test (EUT).

2. Terms used in the detailed test result tables

This section defines the terms which are used in the enclosed detailed test result tables.

2.1 Main Terms

The following main terms are used in the detailed test result tables:

Term	Explanation
Test Case	Test case identifier of the corresponding test specification as referenced in section 4 of this test report.
Test Description	Name of the test case as referenced in the corresponding test specification.
Cat	Category of the related test case in the related frequency band. The interpretation of the corresponding category is defined in the related Permanent Reference Document GCF-CC and/or NAPRD03.
Verdict	Verdict for each test case. See section 2.2 of this annex for detailed information.
Loc	If testing has been performed in subcontracted laboratories, this term identifies the testing location according to section 1 of Annex B.
Notes	Information about used test samples, special test situations, special test setups or special interpretations of the test results. See section 2.3 of this annex for detailed information.

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2.2 Terms in column "Verdict"

The following terms are used in the detailed test result tables to identify the verdicts of each test case in each given GSM frequency band:

Verdict	Explanation
PASS	EUT has been tested at *CETECOM* Shanghai's (own or subcontracted) laboratories and is conformant to the applied standards for this test case to the applied standards in the given GSM frequency band.
FAIL	EUT has been tested at *CETECOM* Shanghai's (own or subcontracted) laboratories but is not conformant to the applied standards for this test case to the applied standards in the given GSM frequency band.
PASS/----	For not completely validated tests only the validated parts of the test are "PASS" as mentioned above.
INC.	"Inconclusive": EUT has been tested at *CETECOM* Shanghai's (own or subcontracted) laboratories but the test verdict for this test case to the applied standards in the given GSM frequency band is ambiguous. Detailed explanation is given in the note for the corresponding test case.
N/A	"Not Applicable": According to the client's and/or manufacturer's documentation (PICS/PIXIT) this test is not applicable to the applied standards in the given GSM frequency band.
N/R	"Not Required": This test case is not required for conformance testing in the given frequency band due to special rules accepted in the corresponding certification regime. Examples: - Test case only needs to be tested in one single frequency band - Test case only needs to be tested with limited parameters or settings - Test case has exceptions (e.g. due to test specification or test platform faults) - Test case is waived by the certification committee
R	"Redundant": This test has not been performed to the applied standards in the given GSM frequency band but the test requirement has been verified by means of another test case (e.g. in an other technology).
NO	This test has not been performed with the EUT to the applied standards in the given GSM frequency band and/or with the given test parameter(s) although the test may be mandatory for conformance testing.
GSM850	This test has not been performed in the given GSM frequency band but in the GSM 850 frequency band instead. The result for this test is given in the appropriate column for "GSM 850".
GSM900	This test has not been performed in the given GSM frequency band but in the GSM 900 frequency band instead. The result for this test is given in the appropriate column for "GSM 900".
GSM1800	This test has not been performed in the given GSM frequency band but in the GSM 1800 frequency band instead. The result for this test is given in the appropriate column for "GSM 1800".
GSM1900	This test has not been performed in the given GSM frequency band but in the GSM 1900 frequency band instead. The result for this test is given in the appropriate column for "GSM 1900".
----	Test is not defined or not validated for the given GSM frequency band or not used by the specific certification regime.

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2.3 Terms in column "Notes"

2.3.1 Test samples used for testing

The detailed test result tables contain **numerical notes** (e.g. "1,4,...") to identify the EUT test samples used for each performed test case.

These numerical notes directly refer to the corresponding EUT identifier defined in section 3.3 of the test report (e.g. note "1,4" indicates that the given test case to the applied standards in the given GSM frequency band has been tested with both user equipment test samples identified as EUT1 and EUT4).

2.3.2 Additional Reference Documents for Testing

The detailed test result tables may also contain **numerical notes in brackets** (e.g. "[9],[14],..."). These notes directly refer to the corresponding "additional reference documents for testing" as listed in section 4.3 (table 4) of the Test Report. They indicate that these additional reference documents have been applied to the corresponding test case(s).

2.3.3 Special Test Situations, Test Setups and Verdict Interpretations

The detailed test result tables may also contain **letter notes** (e.g. "A,C,...") to identify special test situations, special test setups or special interpretations for the given test case. The following letter notes are used:

Note	Explanation
A	The test is Carried out on same HW and SW version of this model by SGS Taiwan with Report number EG/2009/C0034
B	The test is Carried out on same HW and SW version of this model by SGS Shanghai with Report number GSM10123417G01.

3. Detailed Test Result Tables

The test result tables in the following sections include detailed information for all performed test cases.
The test result tables are arranged according to the different used test specifications.

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3.1 Test Results according to 3GPP TS 51.010-1

Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
11.1.1	Verification of support and non support of services / Mobile Terminated (MT) calls	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
11.1.2	Verification of support and non support of services / Mobile Originated (MO) calls	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
11.2	Verification of support of the single numbering scheme	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
11.4	Verification of non-support of services (Call Hold)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
11.5	Verification of non-support of services (Multi-Party)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
12.1.1	Conducted spurious emissions, MS allocated a channel	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
12.1.2	Conducted spurious emissions, MS in idle mode	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
12.2.1	Radiated spurious emissions - MS allocated a channel	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ Low Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ High Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---
12.2.2	Radiated spurious emissions - MS in idle mode	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ Low Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Normal Temperature \ High Voltage	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	A	PASS	---	A	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
13.1	Frequency error and phase error	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration X-Axis	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration Y-Axis	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration Z-Axis	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
13.2	Frequency error under multipath and interference conditions	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
13.3.4.1	Transmitter output power and burst timing - MS with permanent or temporary antenna connector	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
13.4	Output RF spectrum	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
13.16.1	Frequency error and phase error in GPRS multislot configuration	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration X-Axis	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration Y-Axis	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Vibration Z-Axis	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
13.16.2-1	Transmitter output power in GPRS multislot configuration - MS with permanent or temporary antenna connector	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[31],[50],[65],[74]	A	PASS	1.8	1,[31],[50],[65],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[31],[50],[65],[74]	A	PASS	1.8	1,[31],[50],[65],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[31],[50],[65],[74]	A	PASS	1.8	1,[31],[50],[65],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[31],[50],[65],[74]	A	PASS	1.8	1,[31],[50],[65],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[7],[12],[17],[19],[23],[28]	A	PASS	1.8	1,[31],[50],[65],[74]	A	PASS	1.8	1,[31],[50],[65],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
13.16.3	Output RF spectrum in GPRS multislot configuration	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[38],[74]	A	PASS	1.8	1,[38],[74]	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[38],[74]	A	PASS	1.8	1,[38],[74]	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[38],[74]	A	PASS	1.8	1,[38],[74]	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[38],[74]	A	PASS	1.8	1,[38],[74]	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[19],[24]	A	PASS	1.8	1,[38],[74]	A	PASS	1.8	1,[38],[74]	---	-------	---	---	---	-------	---	---	---	-------	---	---
13.17.1	Frequency error and modulation accuracy in EGPRS configuration	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
13.17.2	Frequency error under multipath and interference conditions in EGPRS conditions	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
13.17.3-1	EGPRS Transmitter output power- MS with permanent or temporary antenna connector	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
13.17.4	Output RF spectrum in EGPRS configuration	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.1.1	Bad frame indication - TCH/FS - Random RF input	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.1.2	Bad frame indication - TCH/FS - Frequency hopping and downlink DTX	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.2.1	Bad frame indication - TCH/HS - Random RF input	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.2.2	Bad frame indication - TCH/HS - Frequency hopping and downlink DTX	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.5.1	Bad frame indication - TCH/AFS (Speech frame) - Random RF input	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.1.6.1	Bad frame indication - TCH/AHS - Random RF input	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.2.1	Reference Sensivity - TCH/FS	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.2	Reference Sensitivity - TCH/HS (Speech frames)	A	PASS	1.8	4	A	PASS	1.8	4	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.3	Reference Sensitivity - FACCH/F	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.4	Reference Sensitivity - FACCH/H	A	PASS	1.8	1,[10],[15]	A	PASS	1.8	1,[10],[15]	A	PASS	1.8	1,[36],[45],[53]	A	PASS	1.8	1,[36],[45],[53]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.7	Reference sensitivity - TCH/EFS	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.10	Reference sensitivity - TCH/AFS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.18	Reference sensitivity - TCH/AHS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.19	Reference sensitivity - TCH/AFS-INB	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.20	Reference sensitivity - TCH/AHS-INB	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.25	Reference Sensitivity Repeated FACCH/F	---	-------	---	---	---	-------	---	---	A	PASS	1.1	6	A	PASS	1.1	5	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.2.26	Reference Sensitivity Repeated SACCH	---	-------	---	---	---	-------	---	---	A	PASS	1.1	6	A	PASS	1.1	5	---	-------	---	---	---	-------	---	---	---	-------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.3	Usable receiver input level range	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.1	Co-channel rejection - TCH/FS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1,[46]	A	PASS	1.8	1,[46]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.4	Co-channel rejection - FACCH/F	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.5	Co-channel rejection - FACCH/H	A	PASS	1.8	1,[10],[15]	A	PASS	1.8	1,[10],[15]	A	PASS	1.8	1,[34],[36],[45],[53]	A	PASS	1.8	1,[34],[36],[45],[53]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.7	Reveiver performance in the case of frequency hopping and co-channel interference on one carrier	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.8	Co-channel rejection - TCH/AFS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1,[46]	A	PASS	1.8	1,[46]	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.16	Co-channel rejection - TCH/AHS	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.17	Co-channel rejection - TCH/AFS-INB	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.18	Co-channel rejection - TCH/AHS-INB	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.31	Co-channel rejection Repeated FACCH/F	---	-------	---	---	---	-------	---	---	A	PASS	1.1	5	A	PASS	1.4	8	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.4.32	Co-channel rejection Repeated SACCH	---	-------	---	---	---	-------	---	---	A	PASS	1.1	6	A	PASS	1.1	6	---	-------	---	---	---	-------	---	---	---	-------	---	---
14.5.1.1	Adjacent channel rejection - speech channel TCH/FS	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ Low Voltage	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	Low Temperature \ High Voltage	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ Low Voltage	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
	High Temperature \ High Voltage	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.5.1.2	Adjacent channel rejection - speech channels - TCH/AFS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.5.1.3	Adjacent channel rejection - speech channels - TCH/AHS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.5.2	Adjacent channel rejection - control channel	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.6.1	Intermodulation rejection - speech channels	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.6.2	Intermodulation rejection - control channels	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.7.1	Blocking and spurious response - speech channels	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.8.1	AM suppression - speech channels	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.8.2	AM suppression - control channels	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.10.1	Performance of the Codec Mode Request Generation TCH/AFS	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.10.2	Performance of the Codec Mode Request Generation TCH/AHS	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.10.3	Performance of the Codec Mode Request Generation TCH/AFS - DARP	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.10.4	Performance of the Codec Mode Request Generation TCH/AHS - DARP	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.1.1	Speech bearer tests / TCH/FS / DTS-1	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.2.1	Speech bearer tests / TCH/AFS / DTS-1	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.2.2	Speech bearer tests / TCH/AFS / DTS-4	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.2.3	Speech bearer tests / TCH/AFS / DTS-2/3/5	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.3.1	Speech bearer tests / TCH/AHS / DTS-1	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.11.3.3	Speech bearer tests / TCH/AHS / DTS-2/3	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.12.1.1	DARP Speech bearer tests / FACCH DTS-1	---	--------	---	---	---	--------	---	---	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.12.1.2	DARP Speech bearer tests / FACCH DTS-2-3	---	--------	---	---	---	--------	---	---	E	PASS	1.8	1,[53]	E	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.16.1	Minimum Input Level for Reference Performance	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	------	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,4,[39],[40],[42],[44],[74]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,[8],[9],[14],[19],[25],[26],[27],[29]	A	PASS	1.8	1,4,[39],[40],[42],[44],[74]	A	PASS	1.8	1,[39],[40],[42],[44],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.16.2.1	Co-channel rejection for packet channels	A	PASS	1.8	1,[11],[14],[19]	A	PASS	1.8	1,[11],[14],[19]	A	PASS	1.8	1,[46],[47],[74]	A	PASS	1.8	1,[46],[47],[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.16.4.1	Single synchronous co-channel interferer (DTS-1)	---	--------	---	---	---	--------	---	---	E	PASS	1.8	1	E	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.16.4.2	Multiple synchronous co-channel interferer (DTS-2 / DTS-3)	---	--------	---	---	---	--------	---	---	E	PASS	1.8	1	E	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.18.1	Minimum Input level for Reference Performance	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.2	Co-channel rejection	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.3	Adjacent channel rejection	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.4	Intermodulation rejection	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.5	Blocking and spurious response	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
14.18.6	EGPRS Usable receiver input level range	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.7	Incremental Redundancy Performance	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.8.1	Synchronous single co-channel interferer (DTS-1)	---	--------	---	---	---	--------	---	---	E	N/A	---	---	E	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
14.18.8.2	Synchronous single co-channel interferer (DTS-2 / DTS-3)	---	--------	---	---	---	--------	---	---	E	N/A	---	---	E	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
15.1	Timing advance and absolute delay	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,[72]	A	PASS	1.8	2,[72]	---	--------	---	---	---	--------	---	---	---	--------	---	---
15.8	EGPRS timing advance and absolute delay	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
15.9	Timing advance whilst in DTM	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
16	Reception time tracking speed	A	PASS	1.8	1,[15],[18],[21]	A	PASS	1.8	1,[15],[18],[21]	A	PASS	1.8	1,[53],[72]	A	PASS	1.8	1,[53],[72]	---	--------	---	---	---	--------	---	---	---	--------	---	---
17.1	Access times during handover, Intra cell channel change	A	PASS	1.8	2,[16]	A	PASS	1.8	2,[16]	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
17.2	Access times during handover, Inter cell handover	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
18.1	Temporary reception gaps, single slot	A	PASS	1.8	4,[15]	A	PASS	1.8	4,[15]	A	PASS	1.8	4,[53]	A	PASS	1.8	4,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
19.1	Channel release after unrecoverable errors -1	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
19.2	Channel release after unrecoverable errors -2	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
19.3	Channel release after unrecoverable errors -3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3,[66]	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.1	Cell selection	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.2	Cell selection with varying signal strength values	A	PASS	---	B	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.3	Basic cell reselection	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
20.4	Cell reselection using TEMPORARY_OFFSET, CELL_RESELECT_OFFSET, POWER_OFFSET and PENALTY_TIME parameters	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.5	Cell reselection using parameters transmitted in the System Information type 2bis, type 7 and type 8 messages	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.6	Cell reselection timings	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.7	Priority of cells	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.8	Cell reselection when C1 (serving cell) < 0 for 5 seconds	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.9	Running average of the surrounding cell BCCH carrier signal levels	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.10	Running average of the serving cell BCCH carrier signal level	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.11	Updating the list of six strongest neighbour carriers and decoding the BCCH information of a new carrier on the list	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	1.1	7	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.12	Decoding the BCCH information of the neighbour carriers on the list of six strongest neighbour carriers	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.13	Decoding the BSIC of the neighbour carriers on the list of six strongest neighbour carriers	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.14	Emergency Calls	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.15	Cell reselection due to MS rejection	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[52]	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.16	Downlink signalling failure	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.17	Cell selection if no suitable cell found in 10 s	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.19	Cell selection on release of SDCCH and TCH	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,3,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.20.1	Multiband cell selection and reselection / Cell selection	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	A	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.20.2	Multiband cell selection and reselection / Cell reselection	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	A	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.1	Cell Selection	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.2	Cell Selection in Packet Idle mode	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.3	Priority of cells	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.4	Cell re-selection with cells in different routing areas	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.5	Network controlled Cell re-selection in Idle Mode	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
20.22.6	Cell re-selection timings	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.7	Downlink signalling failure	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.8	Cell selection when the best cell does not support GPRS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.9-1	Cell reselection when the best cell does not support GPRS	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.9-2	Cell reselection when the best cell does not support GPRS	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.13	Cell Reselection based on C32 quality	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.16	Cell Reselection/ ready state/ Reselection and Cell update procedure	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.17	C2 reselection in another RA - no cell reselection	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.18	C2 reselection in another Routing Area - Routing Area Update	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.19	Borders between routing areas - reselection of a GPRS cell in a homogenous network	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(1900-II)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(1900-IV)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(1900-V)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(850-II)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(850-IV)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29(850-V)	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.29a	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters with GEA2 and UEA2 ciphering	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---
20.22.29b	Packet Measurement order procedure / Downlink transfer / Normal case/ 3G cell reselection dedicated parameters with GEA3 and UEA2 ciphering	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---
20.22.30.1	Cell Reselection/usage of BA(GPRS)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.22.30.2	Cell Reselection / usage of BA(GPRS) / Change of BA(GPRS)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
20.25.2(1900-II)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2(1900-IV)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2(1900-V)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2(850-II)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2(850-IV)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.2(850-V)	Intersystem Cell Reselection/Idle Mode/FDD_Qmin	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(1900-II)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(1900-IV)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(1900-V)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(850-II)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(850-IV)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.3(850-V)	Intersystem Cell Reselection/Idle Mode/FDD_Qoffset	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4	Intersystem Cell Reselection/Idle Mode/Qsearch_I	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(1900-II)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(1900-IV)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(1900-V)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(850-II)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(850-IV)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
20.25.4(850-V)	Intersystem Cell Reselection/Idle Mode/Qsearch_I	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
21.1	Received signal measurements - Signal strength	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	Low Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ Low Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
	High Temperature \ High Voltage	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.2	Signal strength selectivity	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.1	Signal quality under static conditions - TCH/FS	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.2	Signal quality under static conditions-TCH/HS	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.3	Signal quality under static conditions -TCH/AFS DTX off	A	PASS	1.8	1,[13]	A	PASS	1.8	1,[13]	A	PASS	1.8	1,[51]	A	PASS	1.8	1,[51]	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.4	Signal quality under static conditions - TCH/AHS-DTX off	A	PASS	1.8	1,[13],[79]	A	PASS	1.8	1,[13],[79]	A	PASS	1.8	1,[51]	A	PASS	1.8	4,[51]	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.5	Signal quality under static conditions -TCH/AFS DTX on	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.3.6	Signal Quality under static conditions - TCH/AHS - DTX on	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.4.1	Signal quality under TUhigh propagation conditions	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.4.2	Signal quality under TUhigh propagation conditions - TCH/AFS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.4.3	Signal quality under TUhigh propagation conditions - TCH/AHS	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.8	GMSK_MEAN_BEP Measurement for PDTCH	---	-------	---	---	---	-------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
21.9	8PSK_MEAN_BEP Measurement for PDTCH	---	-------	---	---	---	-------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
22.1	Transmit power control timing and confirmation	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[15]	A	PASS	1.8	1,[53]	A	PASS	1.8	1,[53]	---	--------	---	---	---	--------	---	---	---	--------	---	---
22.3	GPRS Uplink Power Control - Use of Alpha and Gamma (CH) parameters	---	-------	---	---	---	-------	---	---	A	PASS	1.8	1	A	PASS	1.8	1	---	--------	---	---	---	--------	---	---	---	--------	---	---
22.4	GPRS Uplink Power Control - Independence of TS Power Control	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[19]	A	PASS	1.8	1,[74]	A	PASS	1.8	1,[74]	---	--------	---	---	---	--------	---	---	---	--------	---	---
22.8	EGPRS Uplink Power Control - Use of Alpha and Gamma (CH) parameters	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
22.9	EGPRS Uplink Power Control - Independence of TS Power Control	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.1	Initialization when contention resolution required - Normal initialization	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.2.1	Initialization failure - Loss of UA frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.2.2	Initialization failure - UA frame with differentinformation field	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.2.3	Initialization failure - Information frame and supervisory frames in response to an SABM frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.3	Initialization failure - Initialization Denial	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.1.4	Initialization failure - Total Initialization failure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.2.1	Initialization, contention resolution not required - Normal initialization without contention resolution	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.2.2	Initialization, contention resolution not required - Initialization failure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.2.3	Initialization, contention resolution not required - Initialization Denial	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.1.2.4	Initialization, contention resolution not required - Total Initialization failure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.2.1	Normal Information Transfer - Sequence counting and I frame acknowlegements	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.2.2	Normal Information Transfer - Receipt of an I frame in the timer recovery state	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.2.3	Normal Information Transfer - Segmentation and concatenation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.3	Normal layer 2 disconnection	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.4.3	Test of link failure - RR response frame loss (MS to SS)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.5.1	Test of frame transmission with incorrect C/R values - I frame with C bit set to Zero	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.5.2	Test of frame transmission with incorrect C/R values - SABM frame with C bit set to Zero	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.6.1	Test of errors in the control field - N(S) sequence error	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.6.2	Test of errors in the control field - N(R) sequence error	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
25.2.7	Test of receipt of invalid frames	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.1.1	Channel request / initial time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.2.1.2	Channel request / repetition time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.1.3	Channel request / random reference	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.2-1	IMSI detach and IMSI attach pr1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.2-2	IMSI detach and IMSI attach pr2	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.2-3	IMSI detach and IMSI attach pr3	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.2-4	IMSI detach and IMSI attach pr4	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.3	Sequenced MM / CM message transfer	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-1	Establishment cause / pr1 (TCH)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-2	Establishment cause / pr2 (TCH/H)	A	PASS	1.8	2	A	GSM 900	---	---	---	-------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-3	Establishment cause / pr3 (TCG/FS)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-4	Establishment cause / pr4 (data)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-5	Establishment cause / pr5	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-6	Establishment cause / pr6	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-7	Establishment cause /pr7 (non-call-SS)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.2.4-8	Establishment cause / pr8 (SMS/PP MO)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.1	Handling of unknown, unforeseen, and erroneous protocol data, and of parallel transactions/unknown protocol discriminator	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.2.1.1	TI and skip indicator/RR/Idle Mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.2.1.2	TI and skip indicator / RR / RR-Connection established	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.2.2	TI and skip indicator / MM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.2.3	TI and skip indicator / CC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.3.1	Undefined or unexpected message type / undefined message type / CC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.3.2	Undefined or unexpected message type / undefined message type / MM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.5.3.3	Undefined or unexpected message type / undefined message type / RR	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.3.4	Undefined or unexpected message type / unexpected message type / CC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.4.1	Unforeseen information elements in the non-imperative message part / duplicated information elements	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.1.1.1	Non-semantical mandatory IE errors / RR / missing mandatory IE error / special case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.1.1.2	Non-semantical mandatory IE errors / RR / missing mandatory IE error / general case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.1.2	Non-semantical mandatory IE errors / RR / comprehension required	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.2.1	Non-semantical mandatory IE errors / MM / syntactically incorrect mandatory IE	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.2.3	Non-semantical mandatory IE errors / MM / comprehension required	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.3.1.1	Non-semantical mandatory IE errors / CC / missing mandatory IE / disconnect message	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.5.3.2	Non-semantical mandatory IE errors / CC / comprehension required	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[58],[71]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.6.1.1	Unknown IE, comprehension not required / MM / IE unknown in the protocol	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.6.1.2	Unknown IE, comprehension not required / MM / IE unknown in the message	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.6.2.1	Unknown information elements in the non-imperative message part / CC / Call establishment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.6.2.4	Unknown information elements in the non-imperative message part / CC / release complete	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.6.3	Unknown IE in the non-imperative message part, comprehension not required / RR	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.7.1.1	Spare bits / RR / paging channel	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.7.1.3	Spare bits / RR / AGCH	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.7.1.4	Spare bits / RR / Connected Mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[72]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.7.2	Spare bits / MM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.5.7.3	Spare bits / CC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.1.1	Immediate assignment / SDCCH or TCH assignment	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.1.2	Immediate assignment / extended assignment	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.6.1.3	Immediate assignment / assignment rejection	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.1.4	Immediate assignment / ignore assignment	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.1	Paging / normal / type 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.2	Paging / normal / type 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.3	Paging / normal / type 3	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.4A	Paging / normal / type 1 / successful and non-successful cases	---	--------	---	---	---	--------	---	---	P	--------	---	---	P	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.4B	Paging / normal / type 2 / successful and non-successful cases	---	--------	---	---	---	--------	---	---	P	--------	---	---	P	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.1.4C	Paging / normal / type 3 / successful and non-successful cases	---	--------	---	---	---	--------	---	---	P	--------	---	---	P	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.2	Paging / extended	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.3.1	Paging / reorganization / procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.3.2	Paging / reorganization / procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.4	Paging / same as before	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.2.5	Paging / Multislot CCCH	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.1	Test of measurement report, Measurement / no neighbours	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.2	Test of measurement report, Measurement / all neighbours present	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.3	Test of measurement report, Measurement / barred cells and non-permitted NCCs	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.4	Test of measurement report, Measurement / DTX	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.1	5,[58],[66]	A	PASS	1.8	2,[58],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.6	Measurement / Multiband environment	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.8(1900-II)	Enhanced Measurement /all neighbours present	---	--------	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.8(1900-IV)	Enhanced Measurement /all neighbours present	---	--------	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.8(1900-V)	Enhanced Measurement /all neighbours present	---	--------	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.3.8(850-II)	Enhanced Measurement /all neighbours present	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.6.3.8(850-IV)	Enhanced Measurement /all neighbours present	---	-------	---	---	---	-------	---	---	P	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.3.8(850-V)	Enhanced Measurement /all neighbours present	---	-------	---	---	---	-------	---	---	P	N/A	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.3.9	Enhanced Measurement Report / Measurement Parameters	---	-------	---	---	---	-------	---	---	A	PASS	---	B	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.3.10	Enhanced Measurement Report / EMR Reporting after Handover	---	-------	---	---	---	-------	---	---	A	PASS	---	B	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.4.1	Dedicated assignment / successful case	A	PASS	1.8	2	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.4.2.2	Dedicated assignment / failure / general case	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-1	Handover / successful / active call / non-synchronized / M = 1	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2,[59],[66]	A	PASS	1.8	2,[59],[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-2	Handover / successful / active call / non-synchronized / M = 2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[59],[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-3	Handover / successful / active call / non-synchronized / M = 3	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[59],[66]	A	PASS	1.8	2,[59],[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-4	Handover / successful / active call / non-synchronized / M = 4	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-5	Handover / successful / active call / non-synchronized / M = 5	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-6	Handover / successful / active call / non-synchronized / M = 6	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-7	Handover / successful / active call / non-synchronized / M = 7	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.1-8	Handover / successful / active call / non-synchronized / M = 8	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-1	Handover/successful/call under establishment/non-synchronized/M = 1	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-2	Handover/successful/call under establishment/non-synchronized/M = 2	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-3	Handover/successful/call under establishment/non-synchronized/M = 3	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-4	Handover/successful/call under establishment/non-synchronized/M = 4	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-5	Handover/successful/call under establishment/non-synchronized/M = 5	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-6	Handover/successful/call under establishment/non-synchronized/M = 6	A	PASS	1.8	2	A	PASS	---	B	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-7	Handover/successful/call under establishment/non-synchronized/M = 7	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---
26.6.5.2-8	Handover/successful/call under establishment/non-synchronized/M = 8	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	-------	---	---	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.6.5.2-9	Handover/successful/call under establishment/non-synchronized/M = 9	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.2-10	Handover/successful/call under establishment/non-synchronized/M = 10	A	PASS	1.8	2	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.3-1	Handover / successful / active call / finely-synchronized / M = 1	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.3-2	Handover / successful / active call / finely-synchronized / M = 2	A	PASS	1.8	2	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.4-1	Handover/successful/call under establishment/finely-synchronized/M = 1	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.4-2	Handover/successful/call under establishment/finely-synchronized/M = 2	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.4-3	Handover/successful/call under establishment/finely-synchronized/M = 3	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.4-4	Handover/successful/call under establishment/finely-synchronized/M = 4	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.5.1	Handover / successful / active call / pre-synchronized / Timing Advance IE not included	---	--------	---	---	---	--------	---	---	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.5.2	Handover / successful / call being established / pre-synchronized / Timing Advance IE is included / reporting of observed time difference requested	---	--------	---	---	---	--------	---	---	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.6	Handover / successful / active call / pseudo synchronized	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.7	Handover / successful / active call / non-synchronized / reporting of observed time difference requested	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[59],[66]	A	PASS	1.8	2,[59],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.8	Handover / layer 3 failure	A	PASS	---	B	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,[59],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.5.9	Handover / layer 1 failure	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	2,[59],[66]	A	PASS	1.8	2,[59],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.6.1	Frequency redefinition	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.7.1	Test of channel mode modify procedure / full rate	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.7.2	Test of the channel mode modify procedure / half rate	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.8.4	Ciphering mode / change of mode, algorithm and key	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.8.5	Ciphering mode / IMEISV request	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.8.6	Ciphering mode / Non support of algorithm A5/2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3	Classmark interrogation / UTRAN Classmark Change	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3(1900-II)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.6.11.3(1900-IV)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3(1900-V)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3(850-II)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3(850-IV)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.3(850-V)	Classmark interrogation / UTRAN Classmark Change	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4	Early UTRAN Classmark Sending	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(1900-II)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(1900-IV)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(1900-V)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(850-II)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(850-IV)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.11.4(850-V)	early UTRAN Classmark Sending	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.12.1	Channel release / SDCCH	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.12.2	Channel release / SDCCH - no L2 ACK	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.12.3	Channel release / TCH-F	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.12.4	Channel release / TCH-F - no L2 ACK	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.3	Dedicated assignment with starting time and frequency redefinition / failure case / time not elapsed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.5	Handover with starting time / successful case / time not elapsed	---	--------	---	---	---	--------	---	---	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.6	Handover with starting time / successful case / time elapsed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.8	Handover with starting time and frequency redefinition / failure case / time elapsed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.9	Immediate assignment with starting time / successful case / time not elapsed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.13.10	Immediate assignment with starting time / successful case / time elapsed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.6.23.1	Repeated SACCH / Downlink Repeated SACCH	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.1	5	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.23.2	Repeated SACCH / Uplink Repeated SACCH	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.1	5	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.6.23.3	Repeated SACCH / Uplink Repeated SACCH with SAPI 3 frames	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.1	7	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.1	TMSI reallocation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.2.1	Authentication accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.2.2	Authentication rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.3.1-1	Identification / test 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.3.1-2	Identification / test 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.3.2	Handling of IMSI shorter than the maximum length	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.1	Location updating / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.2.1	Location updating / rejected / IMSI invalid	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.2.2-1	Location updating / rejected / PLMN not allowed / test 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.2.2-2	Location updating / rejected / PLMN not allowed / test 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.2.3	Location updating / rejected / location area not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.2.4-1	Location updating / rejected / roaming not allowed in this location area / procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.3.1	Location updating / abnormal cases / random access fails	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.3.2	Location updating / abnormal cases / attempt counter less or equal to 4, LAI different	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.3.3	Location updating / abnormal cases / attempt counter equal to 4	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.3.4	Location updating / abnormal cases / attempt counter less or equal to 4, stored LAI equal to broadcast LAI	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.1	Location updating / periodic spread	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.2	Location updating / periodic normal / test 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.4.1	Location updating / periodic HPLMN search / MS waits time T	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.7.4.5.4.2	Location updating / periodic HPLMN search / MS in manual mode	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.4.3	Location updating / periodic HPLMN search / MS waits at least two minutes and at most T minutes	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.4.4	Location updating/periodic search of the higher priority PLMN, when a MS is receiving foreign countrys VPLMN/MS is in automatic mode.	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.4.5	Location updating / periodic search of the HPLMN, when a MS is receiving foreign countrys VPLMN / MS is in automatic mode	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.4.6	Location updating/periodic search for higher priority PLMN when the list of equivalent PLMNs includes the HPLMN, when a MS is registered in a foreign countrys VPLMN/MS is in automatic mode	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.4.5.5.1	Higher Priority PLMN / Automatic PLMN Selection Mode / Normal Service	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	E	PASS	1.1	5
26.7.4.5.5.2	Higher Priority PLMN / Automatic PLMN Selection Mode / Limited Service	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	E	PASS	1.1	5
26.7.4.5.5.3	Higher Priority PLMN / Automatic PLMN Selection Mode / Recovery of Lack of Service	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	E	PASS	1.1	5
26.7.4.5.5.4	User Selection / Manual PLMN Selection Mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	E	PASS	1.1	5
26.7.4.6	Location updating / interworking of attach and periodic	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.5.2	MM connection / establishment with cipher	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.1	5	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.5.3	MM connection / establishnent without cipher	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.5.5	MM connection / establishnent rejected cause 4	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.5.7.1	MM connection / abortion by the network / cause #6	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.7.6.1.1	Network Identity and Timezone (NITZ)	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.2.2	Outgoing call / U0.1 MM connection pending / CM service accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.3.2	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.3.5	Outgoing call / U1 call initiated / receiving ALERTING	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.3.6	Outgoing call / U1 call initiated / entering state U10	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.2	Outgoing call / U3 MS orginating call proceeding / CONNECT received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.3	Outgoing call / U3 MS originating call proceeding /PROGRESS received without in band information	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.8.1.2.4.4	Outgoing call / U3 MS originating call proceeding /PROGRESS with in band information	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.5	Outgoing call / U3 MS originating call proceeding / DISCONNECT with in band tones	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.6	Outgoing call / U3 MS originating call proceeding / DISCONNECT without in band tones	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.7	Outgoing call / U3 MS originating call proceeding / RELEASE received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.8	Outgoing call / U3 MS originating call proceeding / termination requested by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.4.13	Outgoing call / U3 MS originating call proceeding / Internal alerting indication	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.5.3	Outgoing call / U4 call delivered / DISCONNECT with in band tones	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.6.2	U10 call active / RELEASE received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.6.3	U10 call active / DISCONNECT with in band tones	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.6.5	U10 call active / RELEASE COMPLETE received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.6.6	U10 call active / SETUP received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.7.1	U11 disconnect request / clear collision	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.7.3	U11 disconnect request / timer T305 time-out	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.8.1	U12 disconnect indication / call releasing requested by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.9.1	Outgoing call / U19 release request / timer T308 time-out	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.9.2	Outgoing call / U19 release request / 2nd timer T308 time-out	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.2.9.4	Outgoing call / U19 release request / RELEASE COMPLETE received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.1.1	Incoming call / U0 null state / SETUP received with a non supported bearer capability	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.4.2	Incoming call / U7 call received / termination requested by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.8.1.3.4.3	Incoming call / U7 call received / DISCONNECT received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.4.8	Incoming call / U7 call received / RELEASE COMPLETE received	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.5.2	Incoming call / U8 connect request / timer T313 time-out	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.5.3	Incoming call / U8 connect request / termination requested by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.5.4	Incoming call / U8 connect request / DISCONNECT received with in-band information	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.3.5.5	Incoming call / U8 connect request / DISCONNECT received without in-band information	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.4.1.1	In-call functions / DTMF information transfer / basic problems	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[62]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.4.2.1	In-call functions / User notification / MS terminated	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.4.3.1	In-call functions / channel changes / a successful channel change in active state /Handover and Assignment Command	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	3,[60],[66]	A	PASS	1.8	3,[60],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.4.3.2	In-call functions / channel changes / an unsuccessful channel change in active mode / Handover and Assignment Command	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	3,[66]	A	PASS	1.8	3,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.1.4.5.1	In-call functions / MS originated in-call modification / a successful case of modifying	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.2.1	Call Re-establishment / Call Present, re-establishment allowed	A	PASS	---	B	A	PASS	1.8	2	A	PASS	1.8	3,[60],[66]	A	PASS	1.8	3,[60],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.2.2	Call Re-establishment / call present , re-establishment not allowed	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	1.8	3,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.2.3	Call Re-establishment / call under establishment , transmission stopped	A	PASS	1.8	2	A	PASS	1.8	3	A	PASS	1.8	3,[66]	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.8.3	User to user signalling	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.2	Structured procedures / MS originated call / early assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.3	Structured procedures / MS originated call / late assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.4	Structured procedures / MS terminated call / early assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.5	Structured procedures / MS terminated call / late assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.6.1.1	Structured procedures / emergency call / idle updated / preferred channel rate	A	PASS	---	B	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.6.1.2	Structured procedures / emergency call / idle updated / non-preferred channel rate	A	PASS	---	B	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.9.6.2.1	Structured procedures / emergency call / idle, no IMSI / accept case	A	PASS	---	B	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.9.6.2.2	Structured procedures / emergency call / idle, no IMSI / reject case	A	PASS	---	B	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.1	E-GSM or R-GSM signalling/RR/Measurement	A	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.2	E-GSM or R-GSM signalling/RR/Immediate assignment	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.3	E-GSM or R-GSM signalling/RR/channel assignment procedure	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.4.1	E-GSM or R-GSM signalling/RR/Handover/Successful handover	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.4.2	E-GSM or R-GSM signalling/RR/Handover/layer 1 failure	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.2.5	E-GSM or R-GSM signalling/RR/Frequency Redefinition	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.10.3.1	E-GSM or R-GSM signalling/Structured procedure/Mobile originated call	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.1	Multiband signalling / RR / Immediate assignment procedure	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.2.1	Multiband signalling / RR / Handover / Successful / Active Call / Non-Synchronized	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.2.2	Multiband signalling / RR / Handover / Layer 1 Failure	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.2.3	Multiband signalling / RR / Handover / Multiband BCCH / successful / active call / non synchronized	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.2.4	Multiband signalling / RR / Handover / Multiband BCCH / Intracell Handover - Interband Assignment	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.2.3	Multiband signalling / RR / Measurement Reporting	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.3.1.1	Multiband signalling / MM / Location updating / Accepted	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.3.1.2	Multiband signalling / MM / Location updating / periodic	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.5.1	Multiband signalling / Structured procedures / MS originated call / early assignment	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.11.5.2	Multiband signalling / RR /Structured procedures / MT call / late assignment	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	NO	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.12.1	EFR signalling / test of the channel mode modify procedure	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.12.2.1	EFR signalling/Handover/active call/successful case	A	PASS	1.8	2	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.12.3	EFR signalling / Structured procedures / MS orginated call / late assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.12.4	EFR signalling / Structured procedures / MS terminated call / early assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.12.5	EFR signalling / Structured procedures / emergency call	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.1.1	Multislot signalling / RR / Measurement / symmetric	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.1.2	Multislot signalling / RR / Measurement / asymmetric	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.2.1	Multislot signalling / RR / Dedicated assignment / successful case	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.2.2	Multislot signalling / RR / Dedicated assignment / failure / general case	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.3.2	Multislot signalling / RR / Handover / successful / call under establishment / non-synchronized / resource upgrading	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.3.3	Multislot signalling / RR / Handover / successful / active call / finely synchronized / resource downgrading	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.3.5	Multislot signalling / RR / Handover / successful / call under establishment / pre-synchronized / resource upgrading	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.4	Multislot signalling / RR / Test of channel mode modify procedure	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.1.5	Multislot signalling / RR / Early classmark sending	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.2.1.1	Multislot signalling / CC / In-call functions / User initiated service level upgrade / successful	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.2.1.2	Multislot signalling / CC / In-call functions / User initiated service level downgrade / successful	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.2.1.3	Multislot signalling / CC / In-call functions / User initiated service level upgrade / Time-out of timer T323	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.2.1.4	Multislot signalling / CC / In-call functions / User initiated service level upgrade / modify reject	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.3.1	Multislot signalling / Structured procedures / MS originated call / early assignment / HSCSD / non-transparent	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.3.2	Multislot signalling / Structured procedures / MS originated call / late assignment / HSCSD / non-transparent	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.13.3.4	Multislot signalling / Structured procedures / MS terminated call / early assignment / HSCSD / non-transparent	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.2	AMR Inband Signalling, Uplink Codec Adaptation	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.3	AMR Structured procedures / MS terminated call / early assignment / no initial codec mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.3a	AMR Structured procedures / MS terminated call / early assignment / specified initial codec mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.4	AMR Structured procedures / MS originated call / late assignment / specified initial codec mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.4a	AMR Structured procedures / MS originated call / late assignment / no initial codec mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
26.16.5	AMR signalling / Handover / active call / successful case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.6	AMR Structured procedures / emergency call	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.7	AMR Signalling / Directed Retry / Mobile Originated Call	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.8	AMR Signalling / Directed Retry / Mobile Terminated Call	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.1	AMR Configuration Change (normal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.2	AMR Configuration Change (abnormal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.3	Codec Mode Phase Change (normal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.4	Codec Mode Phase Change (abnormal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.5	Threshold change (normal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.6	Threshold change (abnormal)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.7	Unknown RATSCCH REQ message	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.8	Ignore subsequent REQ prior to expiry of REQ_Activation counter	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.9	Initiation of Transaction with ACK_ERR or ACK_UNKNOWN	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.10	Inversion of the Phase of the CMR/CMI	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.9.11	Change of Active Codec Set	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.10.1	AMR signalling/ test of the channel mode modify procedure/ full rate	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.10.2	AMR signalling/ test of the channel mode modify procedure/ half rate	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
26.16.11	Handover/layer 1 failure (AMR signalling)	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.1.1	MS identification by short IMSI - Normal case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.2	MS identification by short TMSI	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.3	MS identification by long TMSI	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.4	MS identification by long IMSI, TMSI updating and cipher key sequence number assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.5	Forbidden PLMNs, location updating and undefined cipher key	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.6	MS updating forbidden PLMNs	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.7	MS deleting forbidden PLMNs	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-1	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-2	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-3	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-4	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-5	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-6	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-7	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.10-8	MS access control managment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.11.1.1	Bit / Character duration during the transmission from the ME to the SIM	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PTCRB NI	---	---	---	--------	---	---
27.11.1.2	Bit / Character duration during the transmission from the SIM Simulator to the ME	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.1.3	Inter-character delay	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.1.4	Error handling during the transmission from the ME to the SIM Simulator	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.1.5	Error handling during the transmission from the SIM Simulator to the ME	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.2.2	Acceptance of SIMs with active low RST	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.2.3	Characters of the Answer to Reset	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.2.4	PTS Procedure	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.2.5	Reset repetition	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.11.3	Command Processing, Procedure bytes	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.12.1	Evaluation of directory characteristics, Operating speed in authentication procedure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.12.2	Evaluation of Directory Characteristcs / Clock Stop	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.14.1	Entry of PIN	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.2	Change of PIN	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.3	Disabling the PIN	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.4	PUK entry	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.5	Entry of PIN2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.6	Change of PIN2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.14.7	PUK2 entry	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.15	Abbreviated Dialling Numbers (ADN)	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.16	MMI reaction to SIM status encoding	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	B	PASS	1.8	3,[77]	---	--------	---	---	---	--------	---	---
27.17.1.1	Electrical tests- Phase preceding ME power on	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---
27.17.1.2	Electrical tests - Phase during SIM power on	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.1.2-1	Electrical tests - Phase during SIM power on - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.2-2	Electrical tests - Phase during SIM power on - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.2-3.1	Electrical tests - Phase during SIM power on - 3V/5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.2-3.2	Electrical tests - Phase during SIM power on - 3V/5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.2-4	Electrical tests - Phase during SIM power on - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.2-5.1	Electrical tests - Phase during SIM power on - 1,8V/3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.1.2-5.2	Electrical tests - Phase during SIM power on - 1,8V/3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.1.3-1	Electrical tests - Phase during ME power off with clock stop forbidden - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.3-2	Electrical tests - Phase during ME power off with clock stop forbidden - 3V/5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4	Electrical tests- Phase during ME power off with clock stop allowed	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.17.1.4-1	Phase during ME power off with clock stop allowed - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4-2	Phase during ME power off with clock stop allowed - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4-3.1	Phase during ME power off with clock stop allowed - 3V/5V SIM interface, soft power down	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4-3.2	Phase during ME power off with clock stop allowed - 3V/5V SIM interface, 3V/5V switching	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4-4	Phase during ME power off with clock stop allowed - 1,8V SIM interface, soft power down	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.4-5.1	Phase during ME power off with clock stop allowed - 1,8V/3V SIM interface, soft power down	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.1.4-5.2	Phase during ME power off with clock stop allowed - 1,8V/3V SIM interface, soft power down	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.1.5.1	Reaction of 3V only MEs on SIM type recognition failure	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---
27.17.1.5.2	Reaction of 3V only MEs on type recognition of 5V only SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---
27.17.1.5.3	Reaction of 3V technology MEs on type recognition of 5V only SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---
27.17.1.5.4	Reaction of 3V technology MEs on type recognition of 3V technology SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---
27.17.1.5.5	Reaction of 1,8V only MEs on SIM type recognition failure	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.5.6	Reaction of 1,8V only MEs on type recognition of 3V SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.1.5.7	Reaction of 1,8V technology MEs on type recognition of 3V technology SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---
27.17.1.5.8	Reaction of 1,8V technology MEs on type recognition of 1,8V technology SIMs	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PASS	1.8	3	---	--------	---	---
27.17.2.1.1	Electrical tests on contact C1 / test 1	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.2.1.1-1	Electrical tests on contact C1, Test 1 - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.1-2	Electrical tests on contact C1, Test 1 - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.1-3.1	Electrical tests on contact C1, Test 1 - 3V/5V SIM interface, 5V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.1-3.2	Electrical tests on contact C1, Test 1 - 3V/5V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.1-4	Electrical tests on contact C1, Test 1 - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.1-5.1	Electrical tests on contact C1, Test 1 - 1,8V/3V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.17.2.1.1-5.2	Electrical tests on contact C1, Test 1 - 1,8V/3V SIM interface, 1,8V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.1.2	Electrical tests on contact C1 / test 2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.2.1.2-1	Electrical tests on contact C1, Test 2 - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.2-2	Electrical tests on contact C1, Test 2 - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.2-3.1	Electrical tests on contact C1, Test 2 - 3V/5V SIM interface, 5V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.2-3.2	Electrical tests on contact C1, Test 2 - 3V/5V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.2-4	Electrical tests on contact C1, Test 2 - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.1.2-5.1	Electrical tests on contact C1, Test 2 - 1,8V/3V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.1.2-5.2	Electrical tests on contact C1, Test 2 - 1,8V/3V SIM interface, 1,8V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.2	Electrical tests on contact C2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.2.2-1	Electrical tests on contact C2 - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.2-2	Electrical tests on contact C2 - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.2-3.1	Electrical tests on contact C2 - 3V/5V SIM interface, 5V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.2-3.2	Electrical tests on contact C2 - 3V/5V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.2-4	Electrical tests on contact C2 - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.2-5.1	Electrical tests on contact C2 - 1,8V/3V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.2-5.2	Electrical tests on contact C2 - 1,8V/3V SIM interface, 1,8V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.3	Electrical tests on contact C3	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.2.3-1	Electrical tests on contact C3 - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.3-2	Electrical tests on contact C3 - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.3-3	Electrical tests on contact C3 - 3V/5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.3-4	Electrical tests on contact C3 - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.17.2.3-5	Electrical tests on contact C3 - 1,8V/3V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.17.2.5	Electrical tests on contact C7	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---
27.17.2.5-1	Electrical tests on contact C7 - 5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.5-2	Electrical tests on contact C7 - 3V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.5-3	Electrical tests on contact C7 - 3V/5V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.5-4	Electrical tests on contact C7 - 1,8V SIM interface	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---
27.17.2.5-5	Electrical tests on contact C7 - 1,8V/3V SIM interface, 3V operation mode	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---
27.18.1.1	Fixed Number Dialling (FND), ME and SIM with FND activated, EFADN invalidated and not readable or updatable	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.18.1.2	EFADN invalidated but readable and updatable	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.18.2	Fixed Number Dialling (FND), ME and SIM with FND deactivated	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.18.3	Enabling, Disabling und Updating of fixed number dailing	A	PASS	1.8	2	A	GSM 900	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
27.19	Phase identification	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---	---	--------	---	---
27.20	SIM presence detection	A	GSM 1900	---	---	A	GSM 1900	---	---	B	GSM 1900	---	---	B	PASS	1.8	2,3,[68]	---	--------	---	---	---	--------	---	---	---	--------	---	---
28.2	Constraining to access to a single number (GSM 02.07 category 3)	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
28.3	Constraining the access to a single number (GSM 02.07 categories 1and 2)	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
28.4	Behaviour of the MS when its list of blacklisted numbers is full	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
29.3.2.6.7	Checkpoint recovery / Total loss of response to checkpointing	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
29.3.2.6.9	Checkpoint recovery / N2 retransmission of a sequence	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
29.3.3.2	Negotiation initiated by the MS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
29.3.3.3	Collision of XID frames	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
29.3.3.5	Total loss of XID-frames	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.12	Sending sensitivity / frequency response	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
30.13	Sending loudness rating	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.14	Receiving sensitivity / frequency response	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.15	Receiving loudness rating	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.16	Side Tone Masking Rating (STMR) LRGP	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.17.2	Telephone acoustic coupling loss (TAL) - Stability margin	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.18	Distortion / Sending	B	N/A	---	---	B	N/A	---	---	B	N/A	---	---	B	PASS	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
30.20	Side Tone Masking Rating (STMR) HATS	B	N/A	---	---	B	N/A	---	---	E	N/A	---	---	E	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.1.1	CLIP, Normal operation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.1.2.1	CLIP, Interrogration accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.1.2.2	CLIP, Interrogation rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.2.1	CLIR, Normal operation - requesting presentation of CLI	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.2.2	CLIR, Normal operation - requesting restriction of CLI presentation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.2.3.1	CLIR, Interrogation accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.2.3.2	CLIR, Interrogation rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.3.1	COLP, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.3.2.1	COLP, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.3.2.2	COLP, Interrogation rejected	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.4.1.1	COLR, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.4.1.2	COLR, Interrogation rejected	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.5.1.1	CNAP/Normal Operation Name indication contained in Setup message	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.5.1.2	CNAP/Normal Operation Name indication contained in Facility message	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.1.5.2.1	CNAP/Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
31.1.5.2.2	CNAP/Interrogation rejected	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.1.1	Call forwarding supplementary services / Registration - Reg. accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.1.2	Call forwarding supplementary services, Registration rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.2.1	Call forwarding supplementary services / Erasure by the subscriber - Era. accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.2.2	Call forwarding supplementary services, Erasure rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.3	Call forwarding supplementary services / activation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.4	Call forwarding supplementary services / deactivation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.6.1	Call forwarding supplementary services, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.2.1.6.2	Call forwarding supplementary services, Interrogation rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.1	Call Waiting, Waiting call indication and confirmation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.2.1	Call Waiting, Waiting call accepted ; existing call released	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.2.2.1	Call Waiting, Waiting call accepted; existing call on hold, no additional calls	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.2.3	Call Waiting, Existing call released by user A; waiting call accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.3.1	Call Waiting, Waiting call released by subscriber B	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.3.2	Call Waiting, Waiting call released by calling user C	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.4	Call Waiting, Activiation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.5	Call Waiting, Deactivation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.6.1	Call Waiting, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.1.6.2	Call Waiting, Interrogation rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.2.1	Call Hold, Hold invocation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.2.2	Call Hold, Retrieve procedure	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.3.2.3	Call Hold, Alternate from one call to the other	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
31.4.1.1	MultiParty, Beginning the MultiParty service, successful case	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.1.2	MultiParty, Beginning the MultiParty service, unsuccesful case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.1.3	MultiParty, Beginning the MultiParty service, expiry of time T(BuildMPTY)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.1	Multi-party supplementary services, Put the MultiParty call on hold	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.1.1	MultiParty, Managing an active MultiParty call, put the MultiParty call on hold, successful case	---	--------	---	---	---	--------	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.1.2	MultiParty, Managing an active MultiParty call, put the MultiParty call on hold, unsuccessful case	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.1.3	MultiParty, Managing an active MultiParty call, Put the MultiParty call on hold, expiry of timer T (HoldMPTY)	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.2	Multi-party supplementary services, Create a private communication with one of the remote parties	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.2.1	MultiParty, Managing an active MultiParty call, create a private communication with one of the remote parties, successful case	---	--------	---	---	---	--------	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.2.2	MultiParty, Managing an active MultiParty call, create a private communication with one of the remote parties, unsuccessful case	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.2.3	MultiParty, Managing an active MultiParty call, create a private communication with one of the remote parties, expiry timer T(SplitMPTY)	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.3	MultiParty, Managing an active MultiParty call, Terminate the entire MultiParty call	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.1.4	MultiParty, Managing an active MultiParty call, Explicitly disconnect a remote party	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.2.2.1	MultiParty, Remote parties, Release from the MultiParty call	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.1.1	MultiParty, Managing a held MultiParty call, retrieve the held MultiParty call, successful case	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.1.2	MultiParty, Managing a held MultiParty call, retrieve the held MultiParty call, unsuccessful case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.1.3	MultiParty, Managing a held MultiParty call, retrieve the held MultiParty call, expiry of timer T(RetrieveMPTY)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.2	MultiParty, Initiate a new call	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.3	MultiParty, Process a call waiting request	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.3.4	MultiParty, Terminate the held MultiParty call	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.1.1	Multi-party supplementary services, Disconnect the single call	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.1.1.1	MultiParty, Managing a single call and a MultiParty call, Disconnect active single call	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
31.4.4.1.1.2	MultiParty, Managing a single call and a MultiParty call, Disconnect the single call, single call held	A	PASS	1.8	3	A	GSM 900	---	---	P	GSM 1900	---	---	P	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.1.2.3	MultiParty, Managing a single call and a MultiParty call, Disconnect the MPTY, clear all parties, MultiParty call held	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.1.2.4	MultiParty, Managing a single call and a MultiParty call, Disconnect the MPTY, clear all parties, MultiParty call active	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.2	MultiParty, Managing a single call and a MultiParty call, Disconnect all calls	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.3.1	MultiParty, Managing a single and a MultiParty call, Add the single call to the MPTY, successful case	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.3.2	MultiParty, Managing a single call and a MultiParty call, Add the single call to the MPTY, maximum number of participants exceeded	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.4.4	MultiParty, Managing a single call and a MultiParty call, Alternate between the MPT call and the single call	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.4.5	MultiParty, Managing a single call and a MultiParty call, Adding extra remote parties	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.1.1	Call restriction supplementary services / Registration of a password / Registration accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.1.2.1	Call restriction supplementary services, Registration, Rejection after invoke of the Register Password operation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.1.2.2	Call restriction supplementary services, Registration, Rejection after Password check with negative result	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.1.2.3	Rejection after new password mismatch	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.3.1	Call restriction supplementary services / Activation / Activation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.3.2.1	Call restriction supplementary services, Rejection after invoke of Activate SS operation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.4.1	Deactivation accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.4.2.1	Call restriction supplementary services, Rejection after invoke of Deactivate SS operation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[37],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.4.2.2	Call restriction supplementary services, Rejection after use of password procedure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.6.1	Call restriction supplementary services, Interrogation accepted	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.6.2	Call restriction supplementary services, Interrogation rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.8.7	Call restriction supplementary services, Normal operation	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[43]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.9.1.1	Mobile station initiated Unstructured supplementary service data operation, Process Unstructured SS-request/accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.9.1.2	Process Unstructured SS-request/cross phase compability and error handling	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
31.9.2.1	Network initiated unstructured supplementary service operations, unstructured SS-notify/accepted	A	GSM 1800	---	---	A	PASS	1.8	2,[20]	A	GSM 1900	---	---	A	PASS	1.8	2,[73]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.9.2.2	Unstructured SS-notify/rejected on user busy	A	GSM 1800	---	---	A	PASS	1.8	2	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.9.2.3	Unstructured SS-request/accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[73]	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.10	MMI input for USSD	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.1	Explicit Call Transfer invocation, successful case, both calls active, clearing using DISCONNECT	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.2	Explicit Call Transfer invocation, successful case, both calls active, clearing using RELEASE	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.3	Explicit Call Transfer invocation, successful case, both calls active, clearing using RELEASE COMPLETE	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.4	Explicit Call Transfer invocation, successful case, second call alerting	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.5	Explicit Call Transfer invocation, unsuccessful case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
31.13.1.6	Explicit Call Transfer invocation, expiry of T(ECT)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
32.11	Intra cell channel change from TCH/HS to TCH/FS	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
32.12	Intra cell channel change from TCH/FS to TCH/HS	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
33.6	Subscription identity management	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[61],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.1	Short message service point to point / SMS mobile terminated	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[61],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.2	Short message service point to point / SMS mobile originated	A	GSM 1900	---	---	A	GSM 1900	---	---	B	GSM 1900	---	---	B	PASS	1.8	2,[61],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.3	Short message service point to point / Test of memory available notification	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.5.1	Short message class 0	A	PASS	---	---	A	GSM 900	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.5.3	SMS point to point / Test of message class 0 to 3 / Test of class 2 short messages	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.7	Test of replace mechanism for SM type 1-7	A	PASS	---	---	A	GSM 900	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.9.1	Multiple SMS mobile originated, MS in idle mode	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.2.9.2	Multiple SMS mobile originated, MS in active mode	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
34.3	Short message service cell broadcast	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
41.1.5.1.1	RR / Paging / on CCCH for GPRS service / normal paging with P-TMSI successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.1.5.1.2	RR / Paging / on CCCH for GPRS servive / normal paging with IMSI successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.1.5.1.3	RR / Paging / on CCCH for GPRS service / normal paging with P-TMSI ignored	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.1.5.2.1	RR / Paging / on CCCH for GPRS service / extended paging with P-TMSI successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.1.6	RR / Paging / Before T3172 expiry	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.1.1	Permission to access the network / priority classes	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.2.1	Initiation of the packet access procedure / establishment causes	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.2.2	Random references for single block packet access	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.2.3	Random references for one phase packet access	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.2.4	Initiation of the packet access procedure / timer T3146	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.2.5	Initiation of the packet access procedure / Request Reference	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.1	Two-message assignment / Successful case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.2	Two-message assignment / Failure cases	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.3	Packet uplink assignment / Polling bit set	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.4	One phase packet access / Contention resolution / Successful case	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.5	One phase packet access / Contention resolution / TLLI mismatch	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.6	One phase packet access / Contention resolution / Counter N3104	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.7	One phase packet access / Contention resolution / Timer T3166	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.8	One phase packet access / Contention resolution / 4 access repetition attempts	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[33]	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.9	One phase packet access / TBF starting time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.10	One phase packet access / Timing Advance Index present	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.3.11	One phase packet access / Timing Advance Index not present	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
41.2.4.1	Single block packet access / Single block packet access / Packet resource request	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.4.2	Single block packet access / Single block packet access / Packet measurement report	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.5.1	Packet access rejection / wait indication	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.5.2	Packet access rejection / assignment before T3142 expires	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.6.1	Initiation of packet downlink assignment procedure / MS listens to correct CCCH block	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.6.2	Initiation of packet downlink assignment procedure / timer T3190	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.6.3	Initiation of packet downlink assignment procedure / TBF starting time	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.2.6.4	Initiation of packet downlink assignment procedure / incorrect TFI	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.1.1	TBF Release / Uplink / Normal / MS initiated / Acknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.1.2	TBF Release / Uplink / Normal / MS initiated / Unacknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[41]	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.1.3	TBF Release / Uplink / Normal / MS initiated / Channel coding change during countdown	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.1.4-1	TBF release / Uplink / Normal / MS initiated / Whilst in DTM, test 1	C	N/A	---	---	C	N/A	---	---	---	-------	---	---	---	-------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.2.1	TBF Release / Uplink / Normal / Network initiated / Acknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.2.2	TBF Release / Uplink / Normal / Network initiated / Unacknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.2.3-1	TBF release / Uplink / Normal / Network initiated / Whilst in DTM, test 1	C	N/A	---	---	C	N/A	---	---	---	-------	---	---	---	-------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.3	TBF Release / Uplink / Network initiated / Abnormal release	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.4.1	TBF Release / Downlink / Normal / Network initiated / Acknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.4.2	TBF Release / Downlink / Normal / Network initiated / Unacknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.4.3-1	TBF release / Downlink / Normal / Network initiated / Whilst in DTM, test 1	C	N/A	---	---	C	N/A	---	---	---	-------	---	---	---	-------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.5.2	PDCH Release / With TIMESLOTS_AVAILABLE	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.1	TBF Release / Extended Uplink / Recalculation of CV before CV = 0	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.2	TBF Release / Extended Uplink / Recalculation of CV after CV = 0	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
41.3.6.3	TBF Release / Extended Uplink / CS change order while CV=0	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.4	TBF Release / Extended Uplink / TBF reconfigure by PACKET TIMESLOT RECONFIGURE	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.5	TBF Release / Extended Uplink / TBF reconfigure by PACKET UPLINK ASSIGNMENT	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.6	Extended Uplink TBF / Cell Change while in Extended Uplink/ No Packet Neighbouring Cell Data	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.7	Extended Uplink TBF / Cell Change failure while in Extended Uplink/ No Packet Neighbouring Cell Data	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.8	Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.9	TBF Release / Extended Uplink / Change of RLC mode / normal release	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.3.6.10	TBF Release / Extended Uplink / Change of RLC mode / abnormal release	---	--------	---	---	---	--------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.1-1	Uplink TBF establishment with no reallocation of CS resources / Successful case / Uplink resources assigned	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.2-1	Uplink TBF establishment with no reallocation of CS resources / Successful case / Downlink resources assigned	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.3-1	Uplink TBF establishment with no reallocation of CS resources / Abnormal cases / DTM reject	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.4	Uplink TBF establishment with no reallocation of CS resources / Abnormal cases / Inter System to UTRAN Handover Command	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.5-1	Uplink TBF establishment with no reallocation of CS resources / Abnormal cases / Assignment Command	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.1.7	Uplink TBF establishment with no reallocation of CS resources / Abnormal cases / Channel Release	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.2.1-1	Uplink TBF establishment with reallocation of CS resources / Successful case	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.2.2-1	Uplink TBF establishment with reallocation of CS resources / Abnormal case / Assignment Failure	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.1.3	Uplink TBF establishment required whilst in DM / DTM not supported in cell	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.2.1.1-1	Downlink TBF establishment in Ready State / Successful case	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.1.2.2	Whilst in Standby State / Packet Notification	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.2.1-1	MT CS establishment whilst in packet transfer mode with a downlink TBF established	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.2.2-1	MT CS establishment whilst in packet transfer mode with a uplink TBF established	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.2.3-1	MO CS establishment whilst in packet transfer mode with uplink and downlink TBFs established	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
41.5.2.4	MO CS establishment whilst in packet transfer mode and DTM is not supported in current cell	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.3.1.1-1	Uplink TBF establishment with a downlink TBF established and no PS downlink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.3.1.2	Uplink TBF establishment with a downlink TBF established and PS downlink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.3.2.1-1	Downlink TBF establishment with a uplink TBF established and no PS uplink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
41.5.3.2.2	Downlink TBF establishment with a uplink TBF established and PS uplink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.9.1	Packet uplink assignment / Two phase access / Packet resource request / RLC octet count	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.9.2.1	Packet uplink assignment / Two phase access / Contention resolution / Expiry of timer T3168	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.9.2.2	Packet Uplink Assignment / Two phase access / Contention resolution / TLLI mismatch	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.9.3	Packet Uplink Assignment / Two phase access / Packet Resource Request / No respond to Packet Downlink Assignment	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.10.1	Packet uplink assignment / Abnormal case / Incorrect PDCH assignment	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.1.10.2	Packet uplink assignment / Abnormal case / Expiry of Timer T3164	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.2.5.1	Packet Downlink Assignment / Abnormal cases / Incorrect PDCH assignment	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.2.5.2	Packet Downlink Assignment / Abnormal cases / Expiry of Timer T3190	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.1.2.2.6	Packet Downlink Assignment / Timing Advance / TA value field not provided	---	--------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.1	Dynamic Allocation / Uplink Transfer / Normal operation / successful	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.3	Dynamic Allocation / Uplink Transfer / Normal / Starting frame number encoding	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.4	Dynamic Allocation / Uplink Transfer / Normal / Starting time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.6	Dynamic Allocation / Uplink Transfer / Normal / T3180 expiry	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.7	Dynamic Allocation / Uplink Transfer / Normal / PACCH operation	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.8	Dynamic Allocation / Uplink Transfer / Normal / Two uplink timeslots	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.9	Dynamic Allocation / Uplink Transfer / Normal / Frequency parameters	---	--------	---	---	---	-------	---	---	B	PASS	---	[76],B	B	PASS	---	[76],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.1.10	Dynamic Allocation / Uplink Transfer / Normal / USF assigned with MCS-1 to MCS-4	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
42.3.1.2.2	Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,[32]	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.1.2.3	Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.2.1.1	Dynamic Allocation / Uplink Transfer with downlink TBF establishment / Normal / successful	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.2.1.2	Dynamic Allocation / Uplink Transfer with downlink TBF establishment / Normal / Multislot capabilities	A	PASS	1.8	2,[80]	A	PASS	1.8	2,[80]	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.2.2.1	Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Abnormal / with random access	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.2.2.2	Dynamic Allocation / Uplink Transfer with Downlink TBF establishment / Abnormal / Continuation of normal operation	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.1.1	Dynamic Allocation / Resource reallocation / Successful / Higher throughput class or higher radio priority	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.1.2	Dynamic Allocation / Resource reallocation / Successful / Lower throughput class	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.1.3	Dynamic Allocation / Resource reallocation / Successful / Different RLC mode and higher radio priority	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.2.1	Dynamic Allocation / Resource reallocation / Abnormal / T3168 expiry	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.2.2	Dynamic Allocation / Resource reallocation / Abnormal / Invalid assignment	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.3.3.3	Dynamic Allocation / Resource reallocation / Reject	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.1.1	Network control measurement reporting / uplink / normal case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.1.2	Network Control measurement reporting / Idle mode / New cell reselection	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.1.3	Network Control measurement reporting / Downlink transfer / Normal case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.1.4	Network Control measurement reporting / Uplink transfer / Continuation in Idle mode	A	PASS	1.8	2	A	PASS	1.8	2,3	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.1.5	Network Control measurement reporting / Idle mode / DSC failure/ reselection	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.1.1	Cell change order procedure / uplink tranfer / normal case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.1.3	Cell change order procedure / Uplink transfer / Failure cases / REJECT from the new cell	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.1.4	Cell change order procedure / Uplink transfer / Failure cases / Contention resolution failure	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.1.6	Cell change order procedure / Uplink transfer / Failure cases / Frequency not implemented	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.2.1	Cell change order procedure / Downlink transfer / normal case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
42.4.2.2.2	Cell change order procedure / Downlink transfer / Failure cases / REJECT from the new cell	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.2.3	Cell change order procedure / Downlink transfer / Failure cases / Frequency not implemented	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.1	Cell change order procedure / Simultaneous uplink and downlink tranfer / Normal case	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.3	Packet Measurement order procedure / Downlink transfer / Normal case/ Dedicated parameters	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.4	Packet Measurement order procedure / Downlink transfer / Normal case/ Routing Area Update/ NMO II	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.5	Packet Measurement order procedure / Downlink transfer / Normal case/ Routing Area Update/ NMO I	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.6	MT CS establishment whilst in NC2 with a downlink TBF established	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,[57],[66],B	A	PASS	1.8	2,[57],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.2.3.7	MT CS establishment whilst in NC2 with a uplink TBF established	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	3,[57],[66]	A	PASS	1.8	2,[57],[66]	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.4.1	Network Controlled Cell Reselection Packet Measurement Order Procedure	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.4.2	Network Controlled Cell Reselection/validity of reselection parameters/MS enters standby state	A	PASS	1.8	2	A	PASS	1.8	2	A	PASS	1.8	2,B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.4.3	Network Control measurement reporting / Idle mode / Returning to Broadcast parameters	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.1	Network Assisted Cell Change / Expiry of T3206	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.2	Network Assisted Cell Change / No Packet Neighbouring Cell Data and Packet Cell Change Continue	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.4	Network Assisted Cell Change / Packet Neighbour Cell Data and Packet Cell Change Order	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.5	Network Assisted Cell Change / Expiry of T3208 and T3210	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.6	Network Assisted Cell Change / Entering packet idle mode	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.7	Network Assisted Cell Change / CCN not supported towards target cell	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.8	Network Assisted Cell Change / NC mode change	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.5.9	Network Assisted Cell Change / NC mode change / Packet Neighbour Cell Data	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.6.1	Network Control PEMR – Activation with SI Messages	---	--------	---	---	---	--------	---	---	E	PASS	1.8	2,[30]	E	PASS	1.8	2,[30]	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.6.3	Network Control PEMR – Packet Measurement Order	---	--------	---	---	---	--------	---	---	E	PASS	---	B	E	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.6.4	Network Control PEMR– Uplink Data Transfer	---	--------	---	---	---	--------	---	---	E	PASS	---	B	E	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
42.4.6.5	Network Control PEMR– Downlink Data Transfer	---	--------	---	---	---	-------	---	---	E	PASS	---	B	E	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.2.1	User Data Vs Measurement Report Sending / Conflict situation / DL TBF Establishment and Packet Access for Measurement Report Sending	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.2.2	User Data vs Measurement Report Sending / Conflict situation / Expiry of T3192 and T3158	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.2.3	User Data vs Measurement Report Sending / Conflict situation / Expiry of T3182 and T3158	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	3	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.2.4	User Data vs Measurement Report Sending / Conflict situation / Random Access procedure for PMR sending and User Data transmission	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.1	Network Control measurement reporting / Dedicated connection / Timer Ready expiry	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,[57],[66],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.2	Network Control measurement reporting / Dedicated connection / Different NC parameters / No T3158 expiry	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,[57],[66],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.3	Network Control measurement reporting / Dedicated connection / Handover / No T3158 expiry	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.4	Network Control measurement reporting / Dedicated connection / Different NC parameters / T3158 expiry	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,[56],[66],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.5	Network Control measurement reporting / Dedicated connection / Handover / T3158 expiry	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.3.6	Network Control measurement reporting / Dedicated connection / Assignment Reject/	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.4.1	Network Control measurement reporting / NC_FREQUENCY_LIST / NC_FREQUENCY_LIST in Packet measurement order.	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.4.3	Network Control measurement reporting / NC_FREQUENCY_LIST / PMO with empty NC_FREQUENCY_LIST/ Return to BA(GPRS).	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.4.4	Network Control measurement reporting / NC_FREQUENCY_LIST / Changes in BA(GPRS)/ Return to BA(GPRS).	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.4.5	Network Control measurement reporting / NC_FREQUENCY_LIST / Dedicated connection/ Return to BA(GPRS).	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.4.8.4.6	Network Control measurement reporting / NC_FREQUENCY_LIST / PMO sent in multiple instances.	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.2.1	Downlink Transfer/ Polling/ Normal operation/RLC data block	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.4.1	Downlink Transfer/ T3190 Expiry / Resource reallocation / Without TBF starting time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.4.2	Downlink Transfer/ T3190 Expiry / Resource reallocation / With TBF starting time	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.4.3	Downlink Transfer/ T3190 Expiry / Resource reallocation / Restart with valid RLC data block	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.5.1	Downlink Transfer / Reestablishment / T3192 expiry	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
42.5.5.2	Downlink Transfer/ Reestablishment/ Packet Downlink Assignment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
42.5.5.3	Downlink Transfer/ Reestablishment/ Invalid Frequency Parameters IE	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.1	Acknowledged mode / Uplink TBF / Send state variable V(S)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.2	Acknowledgeed mode / Uplink TBF / Transmit window size	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.3	Acknowledged mode / Uplink TBF / Acknowledge state variable V(A)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.4	Acknowledged mode / Uplink TBF / Negatively acknowledged RLC data blocks	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.5	Acknowledged mode / Uplink TBF / Invalid Negative Acknowledgement	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.1.6	Acknowledged mode/Uplink TBS/Decoding of received Block Midmap	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.2.1	Acknowledged mode / Downlink TBF / Receive state variable V(R)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.2.2	Acknowledged mode / Downlink TBF / Receive window state variable V(Q)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.2.3	Acknowledged mode / Downlink TBF / Re-assembly of RLC data blocks	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.1.2.4	Acknowledged mode / Downlink TBF / Re-assembly / Length Indicator	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
43.2.1	Control Blocks Re-assembly	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.1	GPRS attach / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.2	GPRS attach / rejected / IMSI invalid / illegal MS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.3	GPRS attach / rejected / IMSI invalid / GPRS services not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.4-1	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / PLMN not allowed / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.4-2	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / PLMN not allowed / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.5-1	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / roaming not allowed in this location area (procedure 1)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.5-2	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / roaming not allowed in this location area (procedure 2)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.5-3	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / roaming not allowed in this location area (procedure 3)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.5-4	GPRS attach procedure / Normal GPRS attach / GPRS attach / rejected / roaming not allowed in this location area (procedure 4)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.6-1	GPRS attach / Abnormal cases / access barred due to access class control / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
44.2.1.1.6-2	GPRS attach / Abnormal cases / access barred due to access class control / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.7	GPRS attach / abnormal cases / change of cell into new routing area	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.8	GPRS attach / abnormal cases / power off	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.9	GPRS attach / abnormal cases / GPRS detach procedure collision	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.1.10	GPRS attach / rejected / GPRS services not allowed in this PLMN	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.1	Combined GPRS attach / GPRS and non-GPRS attach accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.2-1	Combined GPRS attach / GPRS only attach accepted / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.2-2	Combined GPRS attach / GPRS only attach accepted / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.3	Combined GPRS attach / GPRS attach while IMSI attach	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.4	Combined GPRS attach / rejected / IMSI invalid /illegal ME	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.5	Combined GPRS attach / rejected / GPRS services and non GPRS services not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.6	Combined GPRS attach / rejected / GPRS services not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.7	Combined GPRS attach / rejected / location area not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.8	Combined GPRS attach / abnormal cases / attempt counter check / miscellaneous reject causes	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.1.2.9	Combined GPRS attach / abnormal cases / GPRS detach procedure collision	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.1	Normal GPRS detach procedure / power off / accepted	---	-------	---	---	---	-------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.2	GPRS detach / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.3	GPRS detach / abnormal cases / attempt counter check / procedure timeout	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.4	GPRS detach / abnormal cases / GMM common procedure collision	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.5	GPRS detach / power off / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.6	GPRS detach / accepted / GPRS/IMSI detach	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.7	GPRS detach / accepted / IMSI detach	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
44.2.2.1.8	GPRS detach / abnormal cases / change of cell into new routing area	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.1.9	GPRS detach / abnormal cases / GPRS detach procedure collision	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.1	GPRS detach / re-attach not required / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.2	GPRS detach / rejected / IMSI invalid / GPRS services not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.3	GPRS detach / IMSI detach / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[35]	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.4	GPRS detach / re-attach requested / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.5	GPRS detach / rejected / location area not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.2.2.6	GPRS detach / rejected / GPRS services not allowed in this PLMN	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.1	Routing area updating / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.2	Routing area updating / rejected /IMSI invalid / illegal ME	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.3	Routing area updating / rejected / MS identity cannot be derived by the network	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.4	Routing area updating / rejected / location area not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.5	Routing area updating / abnormal cases /attempt counter check / miscellaneous reject causes	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.6	Routing area updating / abnormal cases /change of cell into new routing area	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.7	Routing area updating / abnormal cases / change of cell during routing area updating procedure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.1.8	Routing area updating / abnormal cases / P-TMSI reallocation procedure collision	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.1	Combined routing area updating / combined RA/LA accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[35],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.2	Combined routing area updating / MS in CS operation at change of RA	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[56],[66],B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.3-1	Combined routing area updating / RA only accepted / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.3-2	Combined routing area updating / RA only accepted / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.4	Combined routing area updating / rejected / PLMN not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.5-1	Routing area updating procedure / Combined routing area updating / Combined routing area updating / rejected / roaming not allowed in this location area / procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
44.2.3.2.5-2	Routing area updating procedure / Combined routing area updating / Combined routing area updating / rejected / roaming not allowed in this location area / procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.6-1	Combined routing area updating / abnormal cases / access barred due to access class control / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.6-2	Combined routing area updating / abnormal cases / access barred due to access class control / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.8	Combined routing area updating / abnormal cases / change of cell into new routing area	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.9	Combined routing area updating / abnormal cases / change of cell during routing area updating procedure	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.10-1	Combined routing area updating / abnormal cases / GPRS datach procedure collision / Test procedure 1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.2.10-2	Combined routing area updating / abnormal cases / GPRS datach procedure collision / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.3.1	Periodic routing area updating / accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.3.2	Periodic routing area updating / accepted / T3312 default value	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.3.3	Periodic routing area updating / no cell available / network mode I	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.3.3.4	Combined periodic routing area updating / no cell available	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.4	P-TMSI reallocation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.1.1	Authentication accepted	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.1.2	Authentication rejected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.2.1-1	Ciphering mode/start ciphering/GEA1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.2.1-2	Ciphering mode/start ciphering/GEA2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.2.1-3	Ciphering mode/start ciphering/GEA3	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.2.2	Ciphering mode / stop ciphering	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.5.2.3	Ciphering mode / IMEISV request	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.6.1	General indentification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.7-1	GMM READY / STANDBY timer handling / Test procedure 1 (cell update)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
44.2.7-2	GMM READY / STANDBY timer handling / Test procedure 2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.7-3	GMM READY / STANDBY timer handling / Test procedure 3 (force to standby)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.7-4	GMM READY / STANDBY timer handling / Test procedure 4	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.8.1.1	Change of cell between two LAs in idle mode / RAU completes first	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.8.1.2	Change of cell between two LAs in idle mode / LAU completes first / SS releases channel	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.8.1.3	Change of cell between two LAs in idle mode / LAU completes first / SS maintains channel	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.9.1.1	NITZ / GPRS / Timezone, Time and DST Handling	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.9.1.2	NITZ / GPRS / NITZ Parameters / Storage / Deletion	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.9.1.3	NITZ / GPRS / MM and GMM Signaling	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.10	MS Radio Access Capability Interrogation	---	--------	---	---	---	--------	---	---	E	GSM 1900	---	---	E	PASS	1.8	2,[67]	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.11-1	Cell Notification Ready Timer Behaviour	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
44.2.11-2	Cell Notification Use of LLC NULL Frame	---	--------	---	---	---	--------	---	---	A	GSM 1900	---	---	A	PASS	---	B	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.1.1	Attach initiated by context activation / QoS offered by network is the QoS requested	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.1.2.1	QoS accepted by MS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.1.2.2	QoS rejected by MS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.2-1	PDP context activation requested by the network, successful and unsuccessful	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.2-2	PDP context activation requested by the network, successful and unsuccessful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.4.1	T3380 expiry	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.4.2-1	Collision of MS initiated and network requested PDP context activation	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.2.4.2-2	Collision of MS initiated and network requested PDP context activation	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.3.1	Network PDP context modification	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.4.1	PDP context deactivation initiated by the MS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
45.4.2	PDP context deactivation initiated by the network	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.4.3.1	T3390 expiry	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.4.3.2	Collision of MS and network initiated PDP context deactivation requests	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
45.5.1	Error cases	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.1.1-1	Data transmission in protected mode/GEA1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.1.1-2	Data transmission in protected mode/GEA2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.1.1-3	Data transmission in protected mode/GEA3	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.1.2	Data transmission in unprotected mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.1.3	Reception of I frame in ADM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.1.1	Link establishment from MS to SS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.1.2	Link establishment from SS to MS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.1.3	Loss of UA frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.1.4	Total loss of UA frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.1.5	DM response	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.2.1	Checking N(S)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.2.2	Busy condition at the peer, with RR sent for resumption of transmission	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.2.3	Busy condition at the peer, with ACK sent for resumption of transmission	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.2.4	SACK frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[49]	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.3.1	Checking N(R)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.3.2	MS handling busy condition during bi-directional data transfer	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.3.3	SACK frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.3.4	ACK frame	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
			GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
46.1.2.2.4.1	Reestablishment due to reception of SABM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.4.2	Reestablishment due to N200 failures	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.2.4.3	Reestablishment due to reception of DM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.3.1	Collision of SABM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.3.2	Collision of SABM and DISC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.3.3	Collision of SABM and XID commands	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.4.1	Unsolicited DM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.5.1	Sending FRMR due to undefined command control field	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.5.2	Sending FRMR due to reception of an S frame with incorrect length	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.5.3	Sending FRMR due to reception of an I frame information field exceeding the maximum length	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.5.4	Frame reject condition during establishment of ABM	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.6.1	Simultaneous acknowledged and unacknowledged data transfer on the same SAPI	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.6.2	Simultaneous acknowledged and unacknowledged data transfer on different SAPIs	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.1	Negotiation initiated by the SS during ABM, for T200 and N200	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.2	Negotiation initiated by the SS during ADM, for N201-I	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.3-1	Negotiation initiated by the SS (using SABM, for IOV-I)/GEA1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.3-2	Negotiation initiated by the SS (using SABM, for IOV-I)/GEA2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.3-3	Negotiation initiated by the SS (using SABM, for IOV-I)/GEA3	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.4	Negotiation initiated by the SS (during ADM, for N201-U)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.5-1	Negotiation initiated by the SS (during ADM, for IOV-UI)/GEA1	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.5-2	Negotiation initiated by the SS (during ADM, for IOV-UI)/GEA2	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.5-3	Negotiation initiated by the SS (during ADM, for IOV-UI)/GEA3	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI				NAPRD03 (v5.2) PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
46.1.2.7.6	Negotiation initiated by the SS (during ABM, for Reset)	---	--------	---	---	---	-------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.7	XID command with unrecognised type field	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.1.2.7.8	XID Response with out of range values	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.1.1	Mobile originated normal data transfer with LLC in acknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.1.2	Mobile originated normal data transfer with LLC in unacknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.1.3	Usage of acknowledged mode for data transmission before and after PDP Context modification, on different SAPIs	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.1.4	Reset indication during unacknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.1.5	Reset indication during acknowledged mode	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,B	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.2.1	LLC link re-establishment on receiption of SN-DATA PDU with F=0 in ack mode in the Receive First Segment state	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.2.2	LLC link re-establishment on receiving second segment with F=1 and with different PCOMP and DCOMP values in the acknowledged mode data transfer	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.2.3	Single segment N-PDU from MS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.3.1	LLC link release on receiving DM from the SS during link establishment	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.4.1	Response from MS on receiving XID request from the SS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.4.2	Response from MS on receiving an XID request from the SS with an unassigned entity number	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.4.3	Response from MS on receiving an XID response from the SS with unrecognised type field	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
46.2.2.5	LLC link release on receiving "Invalid XID response" from the network during link establishment procedure	---	--------	---	---	---	-------	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.1.1-1	Intra frequency reallocation of CS resources / Assignment Cmd	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.1.2-1	Intra frequency reallocation of CS resources / Handover	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.1.3-1	Reallocation of CS resources / DTM Assignment Command / Intra frequency	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.1.4-1	Inter frequency reallocation of CS resources / DTM Assignment	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.2.1-1	Mobile Originating CS Release	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.1.1	Handover to same routeing area whilst in dedicated mode & MM Ready / Completed on the main DCCH	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
47.3.1.2-1	Handover to same routeing area whilst in DTM with DL TBF only	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.1.3.1-1	Handover to same routeing area whilst in DTM with both DL & UL TBFs / Successful case	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.1.3.2-1	Handover to same routeing area whilst in DTM with both DL & UL TBFs / Abnormal case / Handover Failure	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.2.1	Handover to different routeing area whilst in DM / Performed on main DCCH / RAU complete before CS release	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.2.2	Handover to different routeing area whilst in DM / Performed on main DCCH / CS release before RAU complete	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.3.1.1-1	Handover to different routeing area whilst in DTM / Performed on TBFs / RAU complete before CS release	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.3.1.2-1	Handover to different routeing area whilst in DTM / Performed on TBFs / CS release before RAU complete	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.4.1	Handover to UTRAN while in DTM / Downlink TBF	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.3.4.2	Handover to UTRAN while in DTM / Uplink TBF	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
47.4.1-1	PDP Context Activation / Performed on main DCCH and TBFs	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.1.5.1.1	RR / Paging / on CCCH for EGPRS service / normal paging with P-TMSI successful	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.1.5.1.2	RR / Paging / on CCCH for EGPRS service / normal paging with IMSI successful	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.1.5.1.3	RR / Paging / on CCCH for EGPRS service / normal paging with P-TMSI ignored	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.1.5.2.1	RR / Paging / on CCCH for EGPRS service / extended paging with P-TMSI successful	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.1.5.3	RR / Paging / on CCCH for EGPRS service / paging reorganisation	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.1.1	Permission to access the network / priority classes	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.1	Initiation of the packet access procedure / establishment causes	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.2	Random references for two phase packet access	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.3	Random references for one phase packet access and for Access Type signalling	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.4	Initiation of the packet access procedure / timer T3146	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.5	Initiation of the packet access procedure / Request Reference	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.2.2.6	Two phase packet access / establishment cause	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
51.2.3.1	Two-message assignment / Successful case	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.2	Two-message assignment / Failure cases	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.3	Packet uplink assignment / Polling bit set	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.4	One phase packet access / Contention resolution / Successful case	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.5	One phase packet access / Contention resolution / TLLI mismatch	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.6	One phase packet access / Contention resolution / Counter N3104	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.7	One phase packet access / Contention resolution / Timer T3166	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.8	One phase packet access / Contention resolution / 4 access repetition attempts	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.9	One phase packet access / TBF starting time	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.10	One phase packet access / Timing Advance Index present	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.3.11	One phase packet access / Timing Advance Index not present	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.4.1	Multiblock packet access / Packet Resource Request	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.5.3	Packet access rejection / Interpretation of Extended RA i / Correct value of Extended RA i	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.5.4	Packet access rejection / Interpretation of Extended RA i / Extended RA i not included	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.6.1	Initiation of packet downlink assignment procedure / MS listens to correct CCCH block	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.6.2	Initiation of packet downlink assignment procedure / timer T3190	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.6.3	Initiation of packet downlink assignment procedure / TBF starting time	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.2.6.4	Initiation of packet downlink assignment procedure / incorrect TFI	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.3.1.1	TBF Release / Uplink / Normal / MS initiated / Acknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.3.1.2	TBF Release / Uplink / Normal / MS initiated / Unacknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.3.1.3	TBF Release / Uplink / Normal / MS initiated / Channel coding change during countdown	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---
51.3.4.1	TBF Release / Downlink / Normal / Network initiated / Acknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---------	---	---	---	---------	---	---	---	---------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
51.3.4.2	TBF Release / Downlink / Normal / Network initiated / Unacknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.5.2	PDCH Release / With TIMESLOTS_AVAILABLE	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.1	TBF Release / Extended Uplink / Recalculation of CV before CV = 0	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.2	TBF Release / Extended Uplink / Recalculation of CV after CV = 0	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.3	TBF Release / Extended Uplink / MCS change order while CV=0	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.4	TBF Release / Extended Uplink / TBF reconfigure by PACKET TIMESLOT RECONFIGURE	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.5	TBF Release / Extended Uplink / TBF reconfigure by PACKET UPLINK ASSIGNMENT	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.6	Extended Uplink TBF / Cell Change while in Extended Uplink/ No Packet Neighbouring Cell Data	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.7	Extended Uplink TBF / Cell Change failure while in Extended Uplink/ No Packet Neighbouring Cell Data	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.8	Extended Uplink TBF / Cell Change while in Extended Uplink/ With Packet Neighbouring Cell Data	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.9	TBF Release / Extended Uplink / Change of RLC mode / normal release	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.3.6.10	TBF Release / Extended Uplink / Change of RLC mode / abnormal release	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.1.1.1.1-1	Uplink TBF establishment with no reallocation of CS resources / Successful case / Uplink resources assigned	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.1.1.1.2-1	Uplink TBF establishment with no reallocation of CS resources / Successful case / Downlink resources assigned	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.1.1.2.1-1	Uplink TBF establishment with reallocation of CS resources / Successful case	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.1.2.1.1-1	Downlink TBF establishment in Ready State / Successful case	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.3.1.1-1	Uplink TBF establishment with a downlink TBF established and no PS downlink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
51.5.3.2.1-1	Downlink TBF establishment with a uplink TBF established and no PS uplink reallocation	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.8.2.1	Packet Uplink Assignment / One phase access / Timing Advance / TA Index present	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.8.2.2	Packet Uplink Assignment / One phase access / Timing Advance / TA Index not present	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.9.1	Packet Uplink Assignment / Two phase access / Packet Resource Request / RLC Octet Count	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.9.2.1	Packet Uplink Assignment / Two phase access / Contention resolution / Expiry of timer T3168	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
52.1.2.1.9.2.2	Packet Uplink Assignment / Two phase access / Contention resolution / TLLI in Packet Resource Request message	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.9.3	Packet Uplink Assignment / Two phase access / Radio Access Capabilities	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.1.9.4	Packet Uplink Assignment / Two phase access / Radio Access Capabilities/ Frequency band not supported..	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.2.5.1	Packet Downlink Assignment / Abnormal cases / Incorrect PDCH assignment	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.1.2.2.6	Packet Downlink Assignment Timing Advance / TA value field not provided	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.1.1	Dynamic Allocation / Uplink Transfer / Normal / Successful	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.1.3	Dynamic Allocation / Uplink Transfer / Normal / Starting frame number encoding	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.1.4	Dynamic Allocation / Uplink Transfer / Normal / Starting time	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.1.7	Dynamic Allocation / Uplink Transfer / Normal / PACCH operation	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.1.8	Dynamic Allocation / Uplink Transfer / Normal / Two uplink timeslots	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.2.2	Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in acknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.3.1.2.3	Dynamic Allocation / Uplink Transfer / Abnormal / with cell reselection in unacknowledged mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.6.1	EGPRS Packet Access for signalling / EGPRS Packet Channel Request not supported / CCCH case	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.6.2	EGPRS Packet Access for signalling / EGPRS Packet Channel Request supported / CCCH case	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.6	One phase access/ PBCCH not present/ CONTENTION_RESOLUTION_TLLI/ Contention resolution / Inclusion of TLLI in RLC data blocks	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.7	One phase access/ PBCCH not present/ CONTENTION_RESOLUTION_TLLI/Contention resolution / Counter N3104	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.8	One phase access/ PBCCH not present/ CONTENTION_RESOLUTION_TLLI/ Contention resolution / Timer T3166	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.9	One phase access/ PBCCH not present/ CONTENTION_RESOLUTION_TLLI/Contention resolution / TLLI mismatch	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.10	One phase access/ PBCCH not present/ CONTENTION_RESOLUTION_TLLI/Contention resolution / 4 access repetition attempts	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
52.8.1.12	One phase access/PBCCH absent/CONTENTION_RESOLUTION_TLLI/ Contention resolution / Successful Resource Reallocation	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.1.1	Acknowledged Mode/ Uplink TBF/ Send State Variable V(S)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.1.2	Acknowledged Mode/ Uplink TBF/ Acknowledge State Variable V(A)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
53.1.1.3	Acknowledged Mode/ Uplink TBF/ Window Size/ Default Value	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.4	Acknowledged Mode/ Uplink TBF/ Window Size/ Assigned Value	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.5	Acknowledged mode/ Uplink TBF/ Invalid Negative Acknowledgement	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.6	Acknowledged Mode/ Uplink TBF/ Countdown Value	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.7	Acknowledged Mode/ Uplink TBF/ Interpretation of Receive Block Bitmap	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.8	Acknowledged Mode/ Uplink TBF/ Pre-emptive Transmission/ Default Mode	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.9	Acknowledged Mode/ Uplink TBF/ Pre-emptive Transmission Bit Set to '1'	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.10	Acknowledged Mode/ Uplink TBF/ Pre-emptive Transmission Bit Set to '0'/ PENDING_ACK Blocks	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.11	Acknowledged Mode/ Uplink TBF/ Pre-emptive Transmission Bit Set to '0'/ Negative Acknowledgement	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.12	Acknowledged Mode/ Uplink TBF/ Retransmission/ Split RLC Data Block	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.13	Acknowledged Mode/ Uplink TBF/ Calculation of BSN2	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.14	Acknowledged Mode/ Uplink TBF/ Verification of Coding Schemes	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.15	Acknowledged Mode/ Uplink TBF/ Recalculation of CV on MCS change	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.16	Acknowledged Mode/ Uplink TBF/ Retransmission/ Padding in the Data Field	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.17	Acknowledged Mode/ Uplink TBF/ Retransmission/ Puncturing Scheme Cycle	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.18	EGPRS Acknowledged mode / Uplink TBF / Link Adaptation Procedure for retransmission	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.19	EGPRS Acknowledged mode / Uplink TBF / Link Adaptation Procedure for initial transmission	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.20	Acknowledged Mode/ Uplink TBF/ Retransmission/ MCS Selection without Re-segmentation	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.21	Acknowledged Mode/ Uplink TBF/ Initial Puncturing Scheme After MCS Switching	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.22	Acknowledged Mode/ Uplink TBF/ Recalculation of CV on TBC change	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.23	Acknowledged Mode/ Uplink TBF/ Interpretation of Compressed Bitmap	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---
53.1.1.24	Acknowledged Mode/ Uplink TBF/ Interpretation of PBSN	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
53.1.1.25	Acknowledged Mode/ Uplink TBF/ TBF Reallocation/Window Size	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.1	Acknowledged Mode/ Downlink TBF/ Receive State Variable V(R)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.2	Acknowledged Mode/ Downlink TBF/ Receive Window State Variable V(Q)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.3	Acknowledged Mode/ Downlink TBF/ Window Size/ Default Value	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.4	Acknowledged Mode/ Downlink TBF/ Window Size/ Assigned Value	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.5	Acknowledged Mode/ Downlink TBF/ BOW	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.6	Acknowledged Mode/ Downlink TBF/ EOW	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.7	Acknowledged Mode/ Downlink TBF/ Measurement Report	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.8	Acknowledged Mode/ Downlink TBF/ Generation of Bitmap	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.9	Acknowledged Mode/ Downlink TBF/ Interpretation of BSN2	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.10	Acknowledged Mode/ Downlink TBF/ Split RLC Data Block	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.11	Acknowledged Mode/ Downlink TBF/ First Partial Bitmap and Next Partial Bitmap	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.12	Acknowledged Mode/ Downlink TBF/ Decoding of Coding Schemes	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.14	Acknowledged Mode/ Downlink TBF/ Received Bitmap/ Compressed	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.15	Acknowledged Mode/ Downlink TBF/ Received Bitmap/ Uncompressed	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.16	Acknowledged Mode/ Downlink TBF/ Received Block Bitmap/ Compressed Bitmap Starting Colour Code	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.17	Acknowledged Mode/ Downlink TBF/ Received Block Bitmap/ Terminating Code and Make-up Code	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.18	Acknowledged Mode/ Downlink TBF/ Retransmission/ Padding	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.1.2.19	Acknowledged Mode/ Downlink TBF/ Retransmission/Padding	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.2.1.1	Unacknowledged Mode/ Uplink TBF/ Stall Indicator	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.2.1.2	Unacknowledged Mode/ Uplink TBF/ RBB and SSN	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
53.2.2.1	Unacknowledged Mode/ Downlink TBF/ V(R) and V(Q)	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
57.1.3-1	Intra frequency reallocation of CS resources / DTM Assignment Command	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
57.1.4-1	Inter frequency reallocation of CS resources / DTM Assignment Command	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
57.2.1-1	Network originating CS release	C	N/A	---	---	C	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.1	Uplink TBF, SSN based PAN Format	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.2	Uplink TBF, SSN based PAN Format, with Concurrent Downlink TBF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.3	Uplink TBF, Time based PAN Format	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.4	Uplink TBF, Time based PAN Format, with Concurrent Downlink TBF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.5	Concurrent Uplink and Downlink TBFs, Discrimination of PAN Information from different PDTCH Pairs	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.6	Concurrent Uplink and Downlink TBFs, Mobile Coding and Puncturing Schemes	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.7	Concurrent Uplink and Downlink TBFs, Choice of MCS for Uplink Data Block Re-Transmission with PAN Field Present	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.8	Uplink TBF, Handling of Erroneous PAN Fields, SSN Based PAN Format	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.9	Uplink TBF, Handling of Erroneous PAN Fields, Time Based PAN Format	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.10	Downlink TBF, with Concurrent Uplink TBF, Polled FANR	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.11	Downlink TBF, with Concurrent Uplink TBF, Event Based FANR, Out of Sequence Condition	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.12	Downlink TBF, with Concurrent Uplink TBF, Event Based FANR, Corrupted RLC Data Part	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.13	Downlink TBF, with Concurrent Uplink TBF, Event Based and Polled FANR Combined	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.14	Downlink TBF, with and without Concurrent Uplink TBF, CES/P Polling Response	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.15	Downlink TBF, with Concurrent Uplink TBF, Transmission of Other Messages in Response to Polling for PAN, PACKET CS REQUEST	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.16	Downlink TBF, with Concurrent Uplink TBF, Transmission of Other Messages in Response to Polling for PAN, PACKET CELL CHANGE NOTIFICATION	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.17	Downlink TBF, with and without Concurrent Uplink TBF, PAN Reaction Time, Polled FANR	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.18	Downlink TBF, with and without Concurrent Uplink TBF, PAN Reaction Time, Event Based FANR	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.1.19	Concurrent Uplink and Downlink TBFs, FANR/PAN, RLC Unacknowledged Mode	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
58a.2.1	Uplink RTTI TBF/ default PDCH pair configuration/Dynamic Allocation/ BTTI USF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.2	Uplink RTTI TBF/ default PDCH pair configuration /Dynamic Allocation/RTTI USF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.3	Uplink RTTI TBF/ default PDCH pair configuration/Extended Dynamic Allocation/ BTTI USF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.4	Uplink RTTI TBF/ default PDCH pair configuration/Extended Dynamic Allocation/ RTTI USF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.5	Uplink RTTI TBF/ default PDCH pair configuration/Dynamic Allocation/ USF Mode reconfiguration	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.6	Uplink RTTI TBF/ One Phase Access Request by Reduced Latency MS CCCH case	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.7	Cooncurrent RTTI TBF/ Channel Quality Reporting	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.8	Downlink RTTI TBF/ default PDCH pair configuration/CCCH case	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.9	Concurrent RTTI TBF / Explicit PDCH pair configuration	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.10	Concurrent RTTI TBF/ Change in TTI configuration	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.11	Concurrent RTTI TBF / Downlink Dual Carrier configuration	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58a.2.12	Concurrent RTTI TBF/ Dual Transfer Mode	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.1.1	Single Carrier Uplink TBF with no Downlink TBF/ DLDC TBF established / No change in Uplink TBF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.1.2	Single Carrier Concurrent TBF to DLDC TBF/ Uplink DLDC TBF (on both carrier 1 and carrier 2)/Reconfigured back to Single Carrier Concurrent TBF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.1.3	Single Carrier Concurrent Downlink TBF/Downlink TBF reconfigured to DLDC configuration / Uplink single carrier TBF reallocated to Carrier 2/ULplink modified to DLDC	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.1.4	Single Carrier Uplink TBF with no Downlink TBF / DLDC TBF established / Uplink DLDC TBF (on both carrier 1 and carrier 2)/ Uplink TBF Reconfigured to Single Carrier TBF	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.1.5	Single Carrier Downlink TBF with No Uplink TBF/ Downlink reconfigured to DLDC TBF/ Uplink TBF established	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.1	Concurrent Downlink Dual Carrier TBF /	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.2	Concurrent Downlink Dual Carrier TBF / Change in Modulation and Coding Schemes	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.3	Concurrent Downlink Dual Carrier TBF / Frequency Hopping	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.4	Concurrent Downlink Dual Carrier TBF / Downlink Dual Carrier Configuration / Channel Quality Reporting	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.5	Concurrent Downlink Dual Carrier TBF / Downlink Dual Carrier Configuration in Dual Transfer Mode	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
58b.2.6	Concurrent Downlink Dual Carrier TBF / Extended Dynamic allocation	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.7	Concurrent Downlink Dual Carrier TBF / Downlink Dual Carrier Configuration/ Extended RLC/MAC control message segmentation	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.2.8	Concurrent Downlink Dual Carrier TBF / Dual Carrier Uplink TBF/ USF granularity 4	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.3.1	DLDC Assignment Multislot Class Violations	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.3.2	DLDC Configuration/ Abnormal Case/ Frequencies not within same band/ Access Retry	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
58b.3.3	DLDC Configuration/ Abnormal case/ DLDC Configuration Supported / UL Single Carrier TBF / Frequency violations	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1	Inter system handover to UTRAN/From GSM/Speech/Success	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(1900-II)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(1900-IV)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(1900-V)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(850-II)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(850-IV)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1(850-V)	Inter system handover to UTRAN/From GSM/Speech/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.1a	Inter system handover to UTRAN/From GSM/Speech/Success with A5/3 and UEA2/UIA2 ciphering	P	N/A	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---	P	N/A	---	---	---	--------	---	---	---	--------	---	---
60.2a(1900-II)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a(1900-IV)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a(1900-V)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a(850-II)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a(850-IV)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a(850-V)	Inter system handover to UTRAN / From GSM/Data/Same data rate / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.2a	Inter system handover to UTRAN/From GSM/Data/Same data rate/Success	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a(1900-II)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
60.3a(1900-IV)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a(1900-V)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a(850-II)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a(850-IV)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a(850-V)	Inter system handover to UTRAN/From GSM/ Data/Same data rate upgrading / Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.3a	Inter system handover to UTRAN/From GSM/Data/Data rate upgrading/Success	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4	Inter system handover to UTRAN/From GSM/SDCCH/CC Establishment/Success	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(1900-II)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(1900-IV)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(1900-V)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(850-II)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(850-IV)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.4(850-V)	Inter system handover to UTRAN/From GSM/Speech/Establishment/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(1900-II)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(1900-IV)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(1900-V)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(850-II)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(850-IV)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.5(850-V)	Inter system handover to UTRAN/From GSM/Speech/Blind HO/Success	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6	Inter system handover to UTRAN/From GSM/Speech/Failure	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6(1900-II)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
60.6(1900-IV)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6(1900-V)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6(850-II)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6(850-IV)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.6(850-V)	Inter system handover to UTRAN/From GSM/Speech/Failure	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(1900-II)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(1900-IV)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(1900-V)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(850-II)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(850-IV)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
60.10(850-V)	Inter system handover to UTRAN/From GSM/Integrity Protection Activation	---	--------	---	---	---	--------	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.2.1	A-GPS LCS Classmark Interrogation test case for MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.2.2	A-GPS LCS Classmark Interrogation test case for MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.4.1	Network Induced Location Request Emergency Call on TCH for mobiles supporting MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.4.2	Network Induced Location Request Emergency Call on TCH for mobiles supporting MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.4.3	Network Induced Location Request Emergency Call on TCH, no IMSI for mobiles supporting MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.7.4.4	Network Induced Location Request Emergency Call on TCH, no IMSI for mobiles supporting MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.1	Basic Self Location	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.2	Basic Self Location in Dedicated Mode	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.4.1	MO-LR Positioning Measurement / Protocol Error	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.4.2.1	MO-LR Positioning Measurement / Location Error: Requested Method not Supported	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3GPP TS 51.010-1 Requirement		GCF-CC (v3.36.0)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				NAPRD03 (v5.2)				GCF-CC (v3.36.0)				NAPRD03 (v5.2)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				GCF NI				PTCRB Bearer Agnostic			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
70.8.4.2.2	MO-LR Positioning Measurement / Location Error: GPS Assistance Data Missing	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.4.3	MO-LR Positioning Measurement / Multiple RRLP Requests with Same Reference Number	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.4.4	MO-LR Positioning Measurement / Multiple RRLP Requests with Different Reference Number	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.4.5	MO-LR Positioning Measurement / RR Management Commands	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.5.1	MO_LR Basic Self Location Request in Idle Mode (Normal Case)	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.8.5.2	MO_LR Basic Self Location Request in Dedicated Mode (Normal Case)	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.1.1	MT-LR Location Notification for mobiles supporting MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.1.2	MT-LR Location Notification for mobiles supporting MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.2.1	MT-LR Privacy Options/Verification- Location Allowed If No Response for MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.2.2	MT-LR Privacy Options/Verification- Location Allowed If No Response for MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.3.1	MT-LR Privacy Options/Verification- Location Not Allowed If No Response for MS-Based GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.9.3.2	MT-LR Privacy Options/Verification- Location Not Allowed If No Response for MS-Assisted GPS	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.11.5.1	Sensitivity Coarse Time Assistance	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.11.5.2	Sensitivity Fine Time Assistance	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.11.6	Nominal Accuracy	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.11.7	Dynamic Range	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
70.11.8	Multi-Path scenario	---	--------	---	---	---	--------	---	---	A	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
90.1.1	Transmission of CTM Bearer Code / Mobile Originated TTY Call	---	--------	---	---	---	--------	---	---	P	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---
90.1.2	Transmission of CTM Bearer Code / Mobile Terminated TTY Call	---	--------	---	---	---	--------	---	---	P	N/A	---	---	A	N/A	---	---	---	--------	---	---	---	--------	---	---	---	--------	---	---

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3.2 Test Results according to 3GPP TS 51.010-4

Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.1/1	PROFILE DOWNLOAD	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.2	Contents of the TERMINAL PROFILE command	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.3	Servicing of Proactive SIM Commands	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/1	DISPLAY TEXT normal priority, Unpacked 8 bit data for Text String, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/2	DISPLAY TEXT normal priority, Unpacked 8 bit data for Text String, screen busy	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/3	DISPLAY TEXT, high priority, Unpacked 8 bit data for Text String, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/4	DISPLAY TEXT, Packed, SMS default alphabet, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/5	DISPLAY TEXT, Clear message after delay, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/6	DISPLAY TEXT, Text string with 160 bytes, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/7	DISPLAY TEXT, Backward move in SIM session, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/8	DISPLAY TEXT, session terminated by user	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.1/9	DISPLAY TEXT, icon and text to be displayed, no text string given, not understood by ME	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.2/1	DISPLAY TEXT, no response from user	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.3/1	DISPLAY TEXT, display of extension text	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.4/1	DISPLAY TEXT, sustained text, unpacked data 8 bits, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.4/2	DISPLAY TEXT, sustained text, clear message after delay, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.4/3	DISPLAY TEXT, sustained text, wait for user MMI to clear, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.1.5/1A	DISPLAY TEXT, display of basic icon, self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.1.5/2A	DISPLAY TEXT, display of colour icon, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.1.5/3A	DISPLAY TEXT, display of basic icon, not self explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.1.6/1	DISPLAY TEXT, UCS2 coded	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.2.1/1	GET INKEY, digits only for character, Unpacked 8 bit data for Text String,successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.1/2	GET INKEY, digits only for character set, SMS default Alphabet for Text String, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.1/3	GET INKEY, backward move	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.1/4	GET INKEY, abort	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.1/5	GET INKEY, SMS default alphabet for character set, Unpacked 8 bit data for Text String, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.1/6	GET INKEY, Max length for the Text String, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.2/1	GET INKEY, no response from the user	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.3/1	GET INKEY, Text String coding in UCS2 Alphabet, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.3/2	GET INKEY, max length for the Text String coding in UCS2 Alphabet, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.5/1	GET INKEY,	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.2.6/1A	GET INKEY, Basic icon, self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.2.6/2A	GET INKEY, Basic icon, non self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.2.6/3A	GET INKEY, Colour icon, self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.2.6/4A	GET INKEY, Colour icon, non self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.2.7/1	GET INKEY, help information available	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/1	GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/2	GET INPUT, digits only, SMS default alphabet, ME to echo text, packing SMS Point-to-point required by ME	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/3	GET INPUT, character set, SMS Default Alphabet, ME to echo text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/4	GET INPUT, digits only, SMS default alphabet, ME to hide text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/5	GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/6	GET INPUT, backwards move	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/7	GET INPUT, abort	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.3.1/8	GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/9	GET INPUT, digits only, SMS default alphabet, ME to echo text, ME supporting 8 bit data Message	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.1/10	GET INPUT, null length for the text string, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.2/1	GET INPUT, no response from the user	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.3/1	GET INPUT, text string coding in UCS2, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.3/2	GET INPUT, max length for the text string coding in UCS2, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.5/1	GET INPUT, default text for the input, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.5/2	GET INPUT, default text for the input with max length, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.3.6/1A	GET INPUT, Basic icon, self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.3.6/2A	GET INPUT, Basic icon, non self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.3.6/3A	GET INPUT, Colour icon, self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	C	PTCRB NI	---	---
27.22.4.3.6/4A	GET INPUT, Colour icon, non self-explanatory, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3,[75]	A	PTCRB NI	---	---
27.22.4.3.7/1	GET INPUT, digits only, ME to echo text, ME supporting 8 bit data Message, help information available	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.4.1/1	MORE TIME	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.6.1/1	POLL INTERVAL, Seconds	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PTCRB NI	---	---
27.22.4.7.1/1	REFRESH, SIM Initialization	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.1/2	REFRESH, File Change Notification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.1/3	REFRESH, SIM Initialization and File Change Notification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.1/4	REFRESH, SIM Initialization and Full File Change Notification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.1/5	REFRESH, SIM Reset	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.1/6	REFRESH, SIM Initialization after SMS-PP data download	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[48]	---	-------	---	---	---	-------	---	---
27.22.4.7.2/1	REFRESH, SIM Initialization and File Change Notification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	**Test Description**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**
27.22.4.7.2/2	REFRESH, SIM Initialization and Full File Change Notification	**A**	**GSM 1900**	---	---	**A**	**GSM 1900**	---	---	**A**	**GSM 1900**	---	---	**A**	**PASS**	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.7.2/3	REFRESH, SIM Reset	**A**	**GSM 1900**	---	---	**A**	**GSM 1900**	---	---	**A**	**GSM 1900**	---	---	**A**	**PASS**	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.8.1/2	SET UP MENU, Large Menu with many items or with large items or with Large Alpha Identifier	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.8.3/1	SET UP MENU, next action indicator	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.8.4/1A	SET UP MENU, BASIC ICON NOT SELF EXPLANATORY in ALPHA ID and ITEMS DATA OBJECTS, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3,[75]	**A**	**PTCRB NI**	---	---
27.22.4.8.4/2A	SET UP MENU, BASIC ICON SELF EXPLANATORY in ALPHA ID and ITEMS DATA OBJECTS, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3,[75]	**A**	**PTCRB NI**	---	---
27.22.4.8.5/1	SET UP MENU, SOFT KEY PREFERRED, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/1	SELECT ITEM, mandatory features, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/2	SELECT ITEM, large menu, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/3	SELECT ITEM, call options, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/4	SELECT ITEM, backward move by user, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/5	SELECT ITEM,	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.1/6	SELECT ITEM, Large menu, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.2/1	SELECT ITEM, next action indicator, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.3/1	SELECT ITEM, default item, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.4/1	SELECT ITEM, help request, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.5/1A	SELECT ITEM, BASIC ICON NOT SELF EXPLANATORY, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3,[75]	**A**	**PTCRB NI**	---	---
27.22.4.9.5/2A	SELECT ITEM, BASIC ICON SELF EXPLANATORY, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3,[75]	**A**	**PTCRB NI**	---	---
27.22.4.9.6/1	SELECT ITEM, PRESENTATION AS A CHOICE OF NAVIGATION OPTIONS, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.6/2	SELECT ITEM, PRESENTATION AS A CHOICE OF DATA VALUES, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.7/1	SELECT ITEM, SELECTING USING SOFT KEYS PREFERRED, successful	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---
27.22.4.9.8/1	SELECT ITEM, no response from user	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	**A**	**PASS**	1.8	3	**A**	**PTCRB NI**	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.10.1/1	SEND SHORT MESSAGE, packing not required, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/2	SEND SHORT MESSAGE, packing required, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/3	SEND SHORT MESSAGE, packing not required, SMS default alphabet, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/4	SEND SHORT MESSAGE, packing required, 8 bit data, message of 160 characters user databytes, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/5	SEND SHORT MESSAGE, packing not required, SMS default alphabet, message of 160 bytes characters user data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/6	SEND SHORT MESSAGE, alpha identifier 160 bytes long, SMS default alphabet, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/7	SEND SHORT MESSAGE, alpha identifier length '00', packing not required, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.1/8	SEND SHORT MESSAGE, packing not required, 8-bit data, no alpha identifier, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.2/1	SEND SHORT MESSAGE, packing not required, UCS2 (16-bit data)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.10.3/1A	SEND SHORT MESSAGE, basic icon self-explanatory, packing not required, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.10.3/2A	SEND SHORT MESSAGE, basic icon non-self-explanatory, packing not required, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.11.1/1A	SEND SS, call forward unconditional, all bearers, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.1/2	SEND SS, call forward unconditional, all bearers, Return Error	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.1/3	SEND SS, call forward unconditional, all bearers Reject	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.1/4A	SEND SS, call forward unconditional, all bearers, successful, SS request size limit	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.1/5	SEND SS, interrogate CLIR status, successful, alpha identifier limits	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.1/6A	SEND SS, call forward unconditional, all bearers, successful, null data alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.2/1A	SEND SS, call forward unconditional, all bearers, successful, basic icon self explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.11.2/2A	SEND SS, call forward unconditional, all bearers, successful, colour icon self explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.11.2/3A	SEND SS, call forward unconditional, all bearers, successful, basic icon non self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.11.2/4	SEND SS, call forward unconditional, all bearers, successful, basic icon non self-explanatory, no alpha identifier presented	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.11.3/1	SEND SS, call forward unconditional, all bearers, successful, UCS2 text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.12.1/1	SEND USSD, 7-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/2	SEND USSD, 8-bit data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/3	SEND USSD, UCS2 data, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/4	SEND USSD, 7-bit data, unsuccessful (Return Error)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/5	SEND USSD, 7-bit data, unsuccessful (Reject)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/6	SEND USSD, 256 octets, 7-bit data, successful, long alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/7	SEND USSD, 7-bit data, successful, no alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.1/8	SEND USSD, 7-bit data, successful, null length alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.2/1A	SEND USSD, 7-bit data, successful, basic icon self explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.12.2/2	SEND USSD, 7-bit data, successful, colour icon self explanatory	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.12.2/3A	SEND USSD, 7-bit data, successful, basic icon non self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.12.2/4	SEND USSD, 7-bit data, basic icon non self-explanatory, no alpha identifier presented	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.12.3/1	SEND USSD, 7-bit data, successful, UCS2 text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.13.1/1	SET UP CALL, call confirmed by the user and connected	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/2	SET UP CALL, call rejected by the user	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/6	SET UP CALL, only if not currently busy on another call, ME busy	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/8	SET UP CALL, Capability configuration	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/9	SET UP CALL, max dialling number string, no alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/10	SET UP CALL, 256 octets length, long first alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,[54],[55]	---	-------	---	---	---	-------	---	---
27.22.4.13.1/11A	SET UP CALL, Called party subaddress, command performed successfully	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	-------	---	---	---	-------	---	---
27.22.4.13.1/12	SET UP CALL, maximum duration for the redial mechanism	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.13.2/1	SET UP CALL, two alpha identifiers	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.13.3/1A	SET UP CALL, display of basic icon during confirmation phase, not self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.13.3/2A	SET UP CALL, display of basic icon during confirmation phase, self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.13.3/3A	SET UP CALL, display of colour icon during confirmation phase, not self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.13.3/4A	SET UP CALL, display of self explanatory basic icon during set up call, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	3,[75]	---	-------	---	---	---	-------	---	---
27.22.4.14.1/1	POLLING OFF	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.15.1/1	PROVIDE LOCAL INFORMATION, Local Info (MCC, MNC, LAC & Cell ID)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.15.1/2	PROVIDE LOCAL INFORMATION, IMEI of the ME	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.15.1/3	PROVIDE LOCAL INFORMATION, Network Measurement Results (NMR)	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.15.1/4	PROVIDE LOCAL INFORMATION, Date, Time, Time Zone	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	2	A	PTCRB NI	---	---
27.22.4.15.1/5	PROVIDE LOCAL INFORMATION, Language setting	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.15.1/6	PROVIDE LOCAL INFORMATION, Timing advance	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.4.16.1/1	SET UP EVENT LIST, Set Up Call Connect Event	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.4.16.1/2	SET UP EVENT LIST, Replace Event	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.4.16.1/3	SET UP EVENT LIST, Remove Event	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.4.16.1/4	SET UP EVENT LIST, Remove Event on ME Power Cycle	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.4.21.1/1	TIMER MANAGEMENT, start timer 1 several times, get the current value of the timer and deactivate the timer successfully	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.1/2	TIMER MANAGEMENT, start timer 2 several times, get the current value of the timer and deactivate the timer successfully	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.1/3	TIMER MANAGEMENT, start timer 8 several times, get the current value of the timer and deactivate the timer successfully	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.1/4	TIMER MANAGEMENT, try to get the current value of a timer which is not started: action in contradiction with the current timer state	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.1/5	TIMER MANAGEMENT, try to deactivate a timer which is not started: action in contradiction with the current timer state	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.1/6	TIMER MANAGEMENT, start 8 timers successfully	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.21.2/1	TIMER EXPIRATION, pending proactive SIM command	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.4.21.2/2	TIMER EXPIRATION, SIM application toolkit busy	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.22.1/1	SET UP IDLE MODE TEXT, display idle mode text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.1/2	SET UP IDLE MODE TEXT, replace idle mode text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.1/3	SET UP IDLE MODE TEXT, remove idle mode text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.1/6	SET UP IDLE MODE TEXT, REFRESH with SIM Initialization	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.1/7	SET UP IDLE MODE TEXT, large text string	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.2/1A	SET UP IDLE MODE TEXT, Icon is self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.22.2/2A	SET UP IDLE MODE TEXT, Icon is not self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.22.2/3A	SET UP IDLE MODE TEXT, Icon is self-explanatory, colour icon, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.22.2/4	SET UP IDLE MODE TEXT, Icon is not self-explanatory, empty text string	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.22.3/1	SET UP IDLE MODE TEXT, UCS2 alphabet text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.24.1/1	SEND DTMF, normal	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[70]	---	-------	---	---	---	-------	---	---
27.22.4.24.1/2	SEND DTMF, containing alpha identifier	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[70]	---	-------	---	---	---	-------	---	---
27.22.4.24.1/3	SEND DTMF, containing alpha identifier with null data object	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[70]	---	-------	---	---	---	-------	---	---
27.22.4.24.1/4	SEND DTMF, mobile is not in a speech call	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.24.2/1A	SEND DTMF, BASIC ICON self explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.24.2/2A	SEND DTMF, COLOUR-ICON self explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.24.2/3A	SEND DTMF, Alpha identifier & BASIC-ICON, not self-explanatory, successful	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[75]	---	-------	---	---	---	-------	---	---
27.22.4.24.3/1	SEND DTMF, successful, UCS2 text	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.4.25.1/1	LANGUAGE NOTIFICATION	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.4.25.1/2	LANGUAGE NOTIFICATION	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.5.1.1/2	SMS-PP Data Download, General Data Coding, GET RESPONSE, Acknowledgement	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.5.1.1/3	SMS-PP Data Download, General Data Coding, FETCH, MORE TIME	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.5.1.1/4	SMS-PP Data Download, General Data Coding	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.5.1.1/6	SMS-PP Data Download, with Data Coding / Message Class	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.5.2.1/1	SMS-CB (Data Download), ENVELOPE(SMS-CB DOWNLOAD), ME does not display message	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.5.2.1/2	SMS-CB(DATA DOWNLOAD), ENVELOPE(SMS-CB DATA DOWNLOAD), FETCH, MORE TIME, ME does not display message	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.5.2.1/3	SMS-CB (DATA DOWNLOAD), ME displays message	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.1/1	CALL CONTROL BY SIM , set up call attempt by user, the SIM respondswith '90 00'	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/2	CALL CONTROL BY SIM , set up call attempt by user, allowed without modification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/3A	CALL CONTROL BY SIM , set up call attempt resulting from a set up call proactive command, allowed without modification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/3B	CALL CONTROL BY SIM , set up call attempt resulting from a set up call proactive command, allowed without modification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.1/4	CALL CONTROL BY SIM , set up call attempt by user, not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/5A	CALL CONTROL BY SIM , set up call attempt resulting from a set up call proactive command, not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/6	CALL CONTROL BY SIM , set up call attempt by user, allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/8	CALL CONTROL BY SIM , set up call attempt by user, allowed with modifications: emergency call	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/9	CALL CONTROL BY SIM , set up call attempt by user, allowed with modifications: number in EFECC	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/10	CALL CONTROL BY SIM , set up call attempt by user to an emergency call	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/11	CALL CONTROL BY SIM , set up call through call register, the SIM responds with '90 00'	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/12	CALL CONTROL BY SIM , set up call through call register, allowed without modification	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/13	CALL CONTROL BY SIM , set up call through call register, not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.1/14	CALL CONTROL BY SIM , set up call through call register, allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.2/1	CALL CONTROL BY SIM , send SS, the SIM responds with '90 00'	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.2/2	CALL CONTROL BY SIM , send SS, allowed without modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---

Please refer to GSM test report Annex E section 2 for detailed information of the used terms and notes.

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Test Results of Shanghai SIM900

3GPP TS 51.010-4 Requirement		GCF-CC (v3.36.0) GSM 900				GCF-CC (v3.36.0) GSM 1800				NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900				NAPRD03 (v5.2) PTCRB NI				GCF-CC (v3.36.0) GCF NI			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
27.22.6.2/3	CALL CONTROL BY SIM , send SS, not allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.2/4	CALL CONTROL BY SIM , send SS, allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3,[69]	---	-------	---	---	---	-------	---	---
27.22.6.3/1	CALL CONTROL BY SIM , set up a call not in EFFDN	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.3/2	CALL CONTROL BY SIM , set up a call in EFFDN , the SIM responds with '90 00'	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.3/3	CALL CONTROL BY SIM , set up a call in EFFDN, Allowed without modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.3/4	CALL CONTROL BY SIM , set up a call in EFFDN , Not Allowed	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.3/5	CALL CONTROL BY SIM , set up a call in EFFDN , Allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,3	---	-------	---	---	---	-------	---	---
27.22.6.4/1	CALL CONTROL BY SIM , set up a call in EFBDN	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.6.4/2	CALL CONTROL BY SIM , set up a call not in EFBDN , Allowed without modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.6.4/3	CALL CONTROL BY SIM , set up a call not in EFBDN , Allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.6.4/4	CALL CONTROL BY SIM , FDN and BDN enabled, set up a call in EFFDN, Allowed with modifications	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.7.1.1/1	EVENT DOWNLOAD -MT Call event	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[63]	---	-------	---	---	---	-------	---	---
27.22.7.2.1/1	EVENT DOWNLOAD -CALL CONNECTED	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.7.2.2/1	EVENT DOWNLOAD -CALL CONNECTED, ME supporting SET UP CALL	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.7.3.1/1	EVENT DOWNLOAD -CALL DISCONNECTED	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2,[64]	---	-------	---	---	---	-------	---	---
27.22.7.4.1/1	EVENT DOWNLOAD -LOCATION STATUS	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---
27.22.7.5.1/1	EVENT DOWNLOAD - USER ACTIVITY	---	-------	---	---	---	-------	---	---	---	-------	---	---	---	-------	---	---	A	PASS	1.8	3	A	PTCRB NI	---	---
27.22.7.6.1/1	EVENT DOWNLOAD - IDLE SCREEN AVAILABLE	A	GSM 1900	---	---	A	GSM 1900	---	---	A	GSM 1900	---	---	A	PASS	1.8	2	---	-------	---	---	---	-------	---	---

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3.3 Test Results according to NAPRD03 Annex H7

Test Results of Shanghai SIM900

NAPRD03 Annex H7 Requirement		NAPRD03 (v5.2) GSM 850				NAPRD03 (v5.2) GSM 1900			
Test Case	Test Description	Cat	Verdict	Loc	Notes	Cat	Verdict	Loc	Notes
RFT002-1	Use of registered LAI stored on SIM during Location Updating (Test 1)	A	GSM 1900	---	---	A	PASS	1.8	3
RFT002-2	Comparison of MCC/MNC contained in broadcasted LAI and MCC/MNC contained in last registered LAI on SIM (Test 2)	P	-------	---	---	P	-------	---	---
RFT002-3	Comparison of MCC/MNC contained in broadcasted LAI and MCC/MNC as determined from the first six digits of EFIMSI (IMSI) representing the Home PLMN (Test 3)	A	GSM 1900	---	---	A	PASS	1.8	2
RFT002-4	Comparison of MCC/MNC contained in broadcasted LAI with MCC/MNC as contained in EFPLMNsel (PLMN selector) of SIM (Test 4)	P	-------	---	---	P	-------	---	---
RFT002-5	Comparison of MCC/MNC contained in broadcasted LAI with MCC/MNC as contained in EFFPLMN (Forbidden PLMNs) of SIM. Storing of Forbidden PLMNs (Test 5)	P	-------	---	---	P	-------	---	---
RFT002-6	Presentation of network operators name (Test 6)	P	-------	---	---	P	-------	---	---
RFT002-7	CC and MNC of known PLMN name (Test 7)	P	-------	---	---	P	-------	---	---
RFT002-8	Entry in the PLMN selector (Test 8)	P	-------	---	---	P	-------	---	---
RFT006-1	Paging / normal / type 1 / successful and non-successful cases (Test 1)	P	-------	---	---	P	-------	---	---
RFT006-2	Paging / normal / type 2 / successful and non-successful cases (Test 2)	P	-------	---	---	P	-------	---	---
RFT006-3	Paging / normal / type 3 / successful and non-successful cases (Test 3)	P	-------	---	---	P	-------	---	---

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