

GSM

(Global System for Mobile Communications)

VARIANT TEST REPORT

Number: **SH_GT_304506** - Date: **2010-11-24**

according to
GCF-CC (v3.39.0) and NAPRD03 (v5.4)
for

Sagemcom

User Equipment Type:

HILOV2

Final Hardware Version: **V1**

Final Software Version: **Hi2C,A**
SVN=01

supporting the following technologies:
GSM 850/900/1800/1900

This test report consists of 13 pages and the following annexes:

Annex A - Accreditation Certificate	2 pages
Annex B - Test Equipment	6 pages
Annex C - PICS/PIXIT Information	13 pages
Annex D - Photographs	2 pages
Annex E - Detailed Test Verdicts	30 pages

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



CETECOM Shanghai Communication Testing and Consulting Co., Ltd.

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Registered in Pudong/Shanghai, China, Reg.-No.: 310115400213668
Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)

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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

No. Description		Specification									Amount of Test Cases								
											GSM 900			GSM 1800			GCF NI		
											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										12	0	0	12	0	0	0	0	0
13	Transmitter										23	0	0	23	0	0	0	0	0
14	Receiver										41	0	0	41	0	0	0	0	0
15	Timing advance and absolute delay										0	0	0	0	0	0	0	0	0
16	Reception time tracking speed										0	0	0	0	0	0	0	0	0
17	Access times during handover										0	0	0	0	0	0	0	0	0
18	Temporary reception gaps										0	0	0	0	0	0	0	0	0
19	Channel release after unrecoverable errors										0	0	0	0	0	0	0	0	0
20	Cell selection and reselection										0	0	0	0	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										0	0	0	0	0	0	0	0	0
27	Testing SIM/ME interface										0	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										0	0	0	0	0	0	0	0	0
32	Testing of speech transcoding functions										0	0	0	0	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										0	0	0	0	0	0	0	0	0
42	Test of Medium Access Control (MAC) protocol										0	0	0	0	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:											90	0	0	90	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 BA		
		PASS	FAIL	INC	PASS	FAIL	INC	PASS	FAIL	INC	PASS	FAIL	INC
No.	Description												
3GPP TS 51.010-1													
11	General Tests	0	0	0	0	0	0	0	0	0	0	0	0
12	Transceiver	12	0	0	12	0	0	0	0	0	0	0	0
13	Transmitter	23	0	0	23	0	0	0	0	0	0	0	0
14	Receiver	54	0	0	54	0	0	0	0	0	0	0	0
15	Timing advance and absolute delay	0	0	0	0	0	0	0	0	0	0	0	0
16	Reception time tracking speed	0	0	0	0	0	0	0	0	0	0	0	0
17	Access times during handover	0	0	0	0	0	0	0	0	0	0	0	0
18	Temporary reception gaps	0	0	0	0	0	0	0	0	0	0	0	0
19	Channel release after unrecoverable errors	0	0	0	0	0	0	0	0	0	0	0	0
20	Cell selection and reselection	0	0	0	0	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	0	0	0	0	0	0	0	0	0
26	Testing of layer 3 functions	0	0	0	1	0	0	0	0	0	0	0	0
27	Testing SIM/ME interface	0	0	0	0	0	0	15	0	0	0	0	0
29	Testing of bearer services	0	0	0	0	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	0	0	0	0	0	0	0	0	0
33	Mobile station features	0	0	0	0	0	0	0	0	0	0	0	0
34	Short message service (SMS)	0	0	0	0	0	0	0	0	0	0	0	0
41	GPRS Paging, TBF establishment/release and DCCH related procedures	0	0	0	0	0	0	0	0	0	0	0	0
42	Test of Medium Access Control (MAC) protocol	0	0	0	0	0	0	0	0	0	0	0	0
43	RLC Test Cases	0	0	0	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	0	0	0
45	Session Management Procedure	0	0	0	0	0	0	0	0	0	0	0	0
46	LLC and SMDCP Tests	0	0	0	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	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	0	0	0	0	0	0	0	0	0
Request for Tests (RFT), Reference: NAPRD03 Annex H7		0	0	0	0	0	0	0	0	0	0	0	0
Test Case Performance, Reference: PTCRB Bearer Agnostic AT Test Specification		0	0	0	0	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:		104	0	0	105	0	0	15	0	0	0	0	0

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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.

PASS*: The test case in the given GSM frequency band has not been performed with the variant product type (EUT) but has been successfully performed with the corresponding parent product type (as noted in Annex E section 3) with verdict PASS.

FAIL*: The test case in the given GSM frequency band has not been performed with the variant product type (EUT) but has been performed with the corresponding parent product type (as noted in Annex E section 3) with verdict FAIL.

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 different types of test reports:

Full: 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 test reports contain a verification conclusion in section 1.5.

Partial: 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.

Variant: This type of test report is issued for variant products which have been tested partially only. All remaining relevant tests which have not been tested with the variant product have been tested with the corresponding parent product type. The differences between the parent product type and the variant product type has been documented by the UE manufacturer and the extend of the testing for the variant product has been agreed between the UE manufacturer and CETECOM. Annex E of this test report type contains all test cases as defined for a "Full GSM Test Report". Tests not performed with the variant product but with the parent product type are marked accordingly (see Annex E, chapter 2).

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.



James Xia

Project Manager

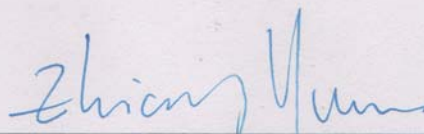
(Author of the Test Report)



B. Sc. Yaqin Lan

Deputy Project Manager

(Verification of the Test Report)



Mr. Zhiang Yuan

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:	Building 3, No. 1500, Zuchongzhi Road 201203 Shanghai China
Telephone:	+86 (0) 21 6879 5890
Fax:	+86 (0) 21 6879 5786
Responsible Test Lab Manager:	Mr. Zhiang Yuan

2.2. Identification of the Testing Location(s)

Company Name: (leading testing location)	CETECOM Shanghai
Address:	Building 3, No. 1500, Zuchongzhi Road 201203 Shanghai China

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

2.3. Organisational Items

CETECOM Shanghai Reference No.:	1-4006/10
CETECOM Shanghai Order No.:	
CETECOM Shanghai Project Manager:	James Xia
CETECOM Shanghai Deputy Project Manager:	B. Sc. Yaqin Lan
Start of Testing:	2010-10-18
End of Testing:	2010-11-23

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2.4. Identification of the Client

Company Name:	Sagemcom
Address:	250 route de l'empereur 92848 , France
Contact Person:	Michael Boutboul
Telephone:	+ 33 1 5761 3213
Fax:	

2.5. Identification of the Manufacturer

Company Name:	Sagemcom
Address:	250 route de l'empereur 92848 , France
Contact Person:	Michael Boutboul
Telephone:	+ 33 1 5761 3213
Fax:	

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

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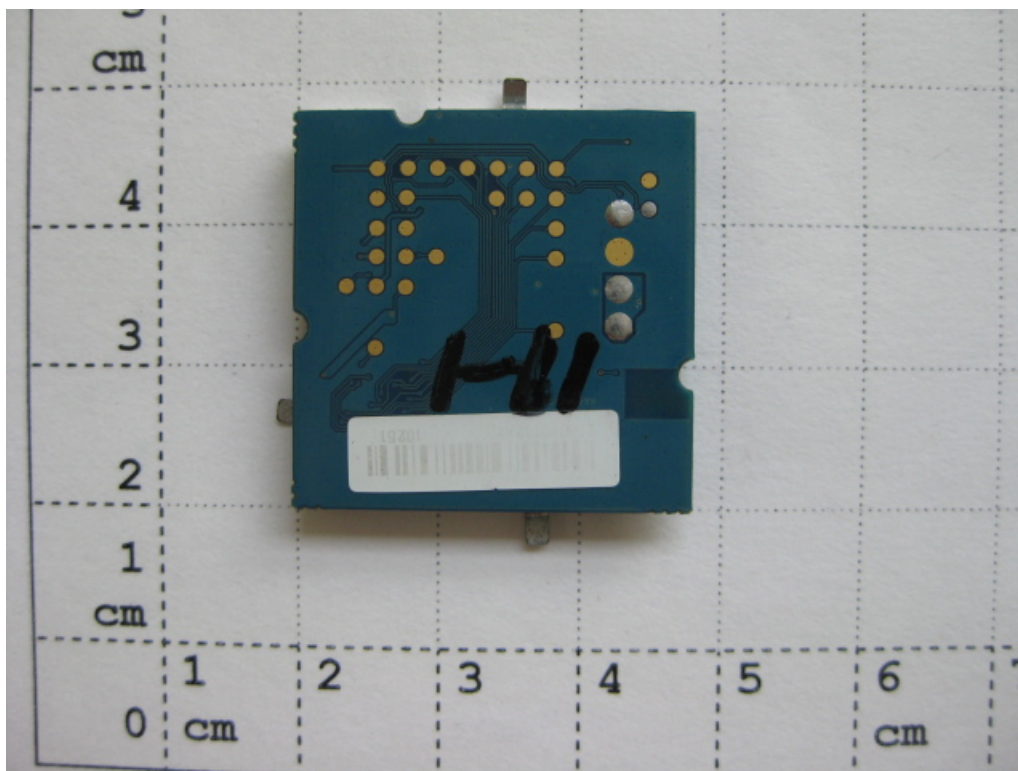
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3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. Identification of the Equipment under Test

Brand Name:	Sagemcom
Type Name:	HILOV2
Marketing Name:	HILOV2
GSM Frequency Bands:	GSM 850/900/1800/1900
FCC ID Number:	VW3HILOV2
Industry Canada ID:	9140A-HILOV2
Special Features / Comments:	

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	HILOV2-1	V1	Hi2C,A
EUT2	HILOV2-2	V1	Hi2C,A
EUT3	HILOV2-11	V1	Hi2C,A
EUT4	HILOV2-14	V1	Hi2C,A SVN=01
EUT5	HILOV2-7	V1	Hi2C,A
EUT6	HILOV2-32	V1	Hi2C,A

*) 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

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]	GCF-CC	Global Certification Forum - Certification Criteria	v3.39.0 (2010-07)
[2]	NAPRD03	GSM N.A. Permanent Reference Document	v5.4 (2010-07)

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
[3]	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	v9.3.0 Release 9 (2010-09)
[4]	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	v9.3.1 Release 9 (2010-09)

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
[5] 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
[6] 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
[7] 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
[8] 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
[9] 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
[10] 200604-163 Non-implementation of GERAN CR on TC 13.16.2.4.1	2006-05-04
[11] 200607-83 Error in TC 21.3.3 and 21.3.4 on TS8950G Request: 200607- 83	2006-07-26
[12] 200612-25 Correction for PSI13 in RX Testcases	2006-12-20
[13] 200706-44.ZIP 5_day_rule_TP9_20070608, RAT for RSPASS SW on TS 895X (for INFO)	2007-06-15
[14] 200803-004 Problem with 13.16.2.4.1, 13.17.3.4.1 on certain mobile implementation	2008-03-12
[15] 200809-033 Problem when testing some R6 mobiles on the TS8950G	2008-09-24
[16] 201002-038 5-day-rule_TP5_WI-003/006/007_20100217_Fill_Bits	2010-02-25
[17] 201005-085 Inconsistency in Electrical Test Results on the Comprion IT3	2010-05-28

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No. Identity / Description	Valid Since
[18] 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
[19] 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
[20] 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
[21] 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
[22] A-04-xxx_TS8950G_Downgrade_14_16_1 Test Case 14.16.1 on R&S TS8950G (CR 200411-02)	2004-11-10
[23] 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
[24] 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
[25] 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
[26] PVG24_094_04_TC_14_4_5 Error in TC 14.4.5 on the Rohde & Schwarz TS8950G Test Platform	2004-01-23
[27] 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
[28] PVG27_442_04_TC_13_16_3_TS8950G_r2 Test Case 13.16.3 on R&S TS8950G PVG27_442	2004-09-14
[29] 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
[30] PVG27_458_04_Error_TC14_16_1USF Error in TC 14.16.1 for verification of USF BLER performance PVG27_458	2004-09-23
[31] PVG28_566_04_Downgrade_14_16_1 TC 14.16.1 on the Rohde & Schwarz TS8950G	2004-11-10

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No. Identity / Description	Valid Since
[32] PVG29_xxx_05_TS895xG_Downgrade_14_16_1 Test Case 14.16.1 on R&S TS8950G and TS8952G	2005-02-25
[33] 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
[34] PVG30_438_05_DARP_rev1 Downgrade existing test cases for DARP PVG30_438	2005-08-11
[35] 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
[36] PVG33_1292_06 Non-implementation of GERAN CR on TC 13.16.2.4.1	2006-05-04
[37] 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
[38] PVG38_0457_07_TP9_RAT-RSPASS.zip Additional template files for GSM RF test cases	2007-06-15
[39] PVG41_1566_08 Problem with 13.16.2.4.1, 13.17.3.4.1 on certain mobile implementation	2008-03-11
[40] PVG43_2324_08 Problem when testing some R6 mobiles on the TS8950G	2008-09-24
[41] PVG49_2177 Inconsistency in Electrical Test Results on the Comprion IT3	2010-05-20
[42] PVG49_2255 Revalidation of 3GPP R97/98 and R99 SIM/ME-Interface Conformance Test Cases on the COMPRION IT3 Test Platform	2010-06-22
[43] PVG51_3175 Revalidation of 3GPP R97/98 and R99 SIM/ME-Interface Conformance Test Cases	2010-10-12
[44] TC_21_3_4 Error in TC 21.3.4 on TS8950G Request: 200601-119	2006-01-25

GSM
(Global System for Mobile Communications)
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Number: **SH_GT_304506** - Date: **2010-11-24**

for

Sagemcom
User Equipment Type:
HILOV2

Final Hardware Version: **V1**
Final Software Version: **Hi2C,A**
SVN=01

Annex A:
Accreditation Certificate

This annex consists of 2 pages

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



CETECOM Shanghai Communication Testing and Consulting Co., Ltd.

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Registered in Pudong/Shanghai, China, Reg.-No.: 310115400213668
Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)



DAKKS | Deutsche Akkreditierungsstelle GmbH
Gartenstraße 6 | 60594 Frankfurt am Main | Germany

CETECOM (Shanghai)
Communications Testing Consulting
Co., Ltd.
Herrn Zhiang Yuan
No 1500 Zuchongzhi Rd.
Zhangjian
SHANGHAI 201203
VOLKSREPUBLIK CHINA

Deutsche
Akkreditierungsstelle GmbH
(German Accreditation Body)
Office Frankfurt am Main

Contact:
Ralf Egner
Phone: +49 69 610943-50
Fax: +49 69 610943-55
ralf.egner@dakks.de

29.09.2010

.....
Confirmation

Dear Mister Zhiang Yuan

With this letter we would like to confirm that your laboratory was assessed
by an assessment team of DAKKS GmbH on 09/17/2010.

The result of that assessment was that there was no deviation found to the
ISO / IEC 17025. This was reported by the assessment team to the managing
office of DAKKS GmbH.

We will issue the new accreditation certificate, sign it and send it to you via
airmail within the next weeks.

Yours sincerely

Deutsche Akkreditierungsstelle GmbH
Head of the Division
Product and Installation Safety
Telecommunication and EMC


Ralf Egner

.....
Case Number:
PL-12099-01

Managing Directors:
Norbert Barz, Dr. Thomas Facklam

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www.dakks.de

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

GSM
(Global System for Mobile Communications)
VARIANT TEST REPORT

Number: **SH_GT_304506** - Date: **2010-11-24**

for

Sagemcom
User Equipment Type:
HILOV2

Final Hardware Version: **V1**
Final Software Version: **Hi2C,A**
SVN=01

Annex B:
Test Equipment

This annex consists of 6 pages

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



CETECOM Shanghai Communication Testing and Consulting Co., Ltd.
Building 3, No. 1500, Zuchongzhi Road ♦ 201203 Shanghai ♦ China
Phone: +86 (0) 21 6879 5890 ♦ Fax: +86 (0) 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)

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 "Feldkirchen / Munich"

Address: CETECOM GmbH
Kapellenstraße 13
85622 Feldkirchen / Munich
Germany



1.4 Location "San Diego, CA"

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



1.5 Location "Anyang"

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



1.6 Location "Shanghai"

Address: CETECOM Shanghai Communication Testing and
Consulting Co., Ltd.
Building 3, No. 1500, Zuchongzhi Road
201203 Shanghai
China



Variant GSM Test Report No. SH_GT_304506

Annex B: Test Equipment

Date of Report: 2010-11-24

TOM v1.5.3 2010-11

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2. List of Test Equipment

2.1 Anechoic Chamber

ID:	Anechoic Chamber [Ess 1]
Location:	Essen (1.1)
Serialnumber:	-
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: N/A

2.2 R&S CRTU-G

ID:	R&S CRTU-G [SH 1]
Location:	Shanghai (1.6)
Serialnumber:	Master:RU:100308,Ser:100224; Slave1:RU:100232,Ser:100044; Slave2:RU:100179,Ser:100043; Slave3:RU:100263,Ser:100197; Slave4:RU:100109,Ser:100051;
Hardware:	Multibox (5)
Software version:	Basis Software: Applies 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 1.33 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 3.00 Test Case Software: CRTPK1 version 3.20 CRTPK71 version 2.21 TOM Tool Software: General Integration Tool version 2.14.0.0
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2012-03-10

Variant GSM Test Report No. SH_GT_304506

Annex B: Test Equipment

Date of Report: 2010-11-24

TOM v1.5.3 2010-11

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2.3 R&S CMU 200

ID:	R&S CMU 200 [Ess 4]	
Location:	Essen (1.1)	
Serialnumber:	108901	
Hardware:	B21 and B52 var14 CMU-K21 (GSM 900) CMU-K22 (GSM 1800) CMU-K23 (GSM 1900) CMU-K24 (GSM 850)	
Software version:		
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%	
Calibration:	Due date for the next test equipment calibration: 2011-04-02	

2.4 R&S TS8950/52G

ID:	R&S TS8950G [SH 1]	
Location:	Shanghai (1.6)	
Serialnumber:	100021	
Hardware:	SSCU var. 04	
Software version:	Basis Software: CR02P2P BP version 1.33 CR02P2P ASP version 3.34 and v.3.35 and v.3.37 and v.3.38 and v.4.90 CR02P2P EP version 1.62 and v.1.71 FSU Firmware/Application version 4.21SP1 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 and v.5.20 and v.5.20 patch 01 and v.10.37 RS-PASS Common version 10.37+patch 01 Test Case Software: RS-PASS-APPL version 5.01 and v.5.02 and v.5.03 and v.5.05 and v.5.05 + Patch1 and v.5.13 and v.5.01 +FB and v.5.02 +FB and v.5.03 +FB and v.5.05 +FB and v.5.20 and v.5.03 +FB +R7 and v.5.01 +FB +R7 and v.5.05 +FB +R7 and v.5.02 +FB +R7 and v.5.20 p1 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: 2011-09-14	

ID:	TS8950GW [SH 1]
Location:	Shanghai (1.6)
Serialnumber:	100014
Hardware:	
Software version:	Basis Software: CR02P2P BP version 1.33 CR02P2P ASP version 4.90 and v.5.10 CR02P2P EP version 2.02 FSU Firmware/Application version 4.31 XP MOPSI version BP v1.32, EP v1.71, ASP v4.63 RF-LIB version 5.01 and v.5.02+ASP3.38+Patch2 and v.5.03 and v.5.04 and v.5.05 + Patch1 and v.5.12+patch2 and v.5.13 and v.5.20 RS-PASS Common version 10.37+patch 01 Test Case Software: RS-PASS-APPL version 5.13 and v.5.04 +FB and v.5.03 +FB +R7 and v.5.02 +FB +R7 and v.5.20 p1 and v.5.03 +FB +R7+P3
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2011-09-03

2.5 COMPRION IT³

ID:	COMPRION IT³ [SH 1]
Location:	Shanghai (1.6)
Serialnumber:	B4406-50198
Hardware:	Analog Simulator V1.2 (Analog Simulator) Digital Simulator V1.2 (Digital Simulator)
Software version:	Basis Software: IT ³ Test Platform version 4.4 and v.4.5 and v.4.7 Test Case Software: IT ³ 3GPP TS 51.010-1 (analog) version 4.4 and v.4.6 IT ³ 3GPP TS 51.010-1 (analog-PCS1900) version 4.4 and v.4.6 TOM Tool Software: General Integration Tool version 2.11.0.1 and v.2.14.0.0
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Due date for the next test equipment calibration: 2010-12-18

2.6 Additional Equipment for Testing the Radiated Spurious Emissions

ID	Loc	Instrument / Equipment	Type	Manufacturer	Serialnumber
SE101E	1.1	Horn Antenna (Substitution Antenna)	3115	EMCO	9107-3699
SE102E	1.1	UltraLog-Antenna	HL562	Rohde & Schwarz	100248
SE103E	1.1	Notch Filter (GSM 900)	WRCA 901,9/903,1ss	Wainwright	3RR
SE104E	1.1	High Pass Filter (GSM900)	WHJ2200-4EE	Wainwright	14
SE105E	1.1	Notch Filter (GSM1800)	WRCB 1747/1748ss	Wainwright	12
SE106E	1.1	Notch Filter (GSM1900)	WRCB 1879,5/1880,5EE	Wainwright	15
SE107E	1.1	High Pass Filter (GSM1800, 1900, DECT)	5HC2600/12750-1.5-KK	Trilithic Inc.	23042
SE108E	1.1	Preamplifier	AMF-2D-100M4G-35-10P	MITEQ	379418
SE109E	1.1	Spectrum Analyzer RF-Unit	FSBS-RF	Rohde & Schwarz	863373 / 003
SE110E	1.1	Spectrum Analyzer Display-Unit	FSA-D	Rohde & Schwarz	863619 / 003
SE111E	1.1	Biconilog Antenna (Measuring Antenna)	CBL 6141A	Schaffner-Chase	4107
SE112E	1.1	Horn Antenna (Measuring Antenna)	3115	EMCO	9012-3629
SE113E	1.1	Biconical Antenna (Substitution Antenna)	HUF-Z2	Rohde & Schwarz	863029/010
SE116E	1.1	Signal Generator	SMHU	Rohde & Schwarz	831314/006
SE117E	1.1	Power Meter	NRVS	Rohde & Schwarz	825770/0010
SE118E	1.1	Peak Power Sensor	NRV-Z31	Rohde & Schwarz	843383/016
SE119E	1.1	Notch Filter (GSM850)	WRCA 800/960EEK	Wainwright	9
SE150E	1.1	Log.-Per. Antenna (Subst 1)	3146	EMCO	9410-3881

GSM

(Global System for Mobile Communications)

VARIANT TEST REPORT

Number: **SH_GT_304506** - Date: **2010-11-24**

for

Sagemcom
User Equipment Type:
HILOV2

Final Hardware Version: **V1**
Final Software Version: **Hi2C,A**
SVN=01

Annex C:

PICS/PIXIT Information

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**.

This annex consists of 13 pages

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



CETECOM Shanghai Communication Testing and Consulting Co., Ltd.

Building 3, No. 1500, Zuchongzhi Road ♦ 201203 Shanghai ♦ China
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Registered in Pudong/Shanghai, China, Reg.-No.: 310115400213668
Board of Directors: Dr. Harald Ansorge, Hans Peter May (chairman)

PICS Identifier	3GPP Test Spec	Mnemonic	PICS Status	Support	Supported Value
	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			
	51.010-2	1.2 Types of Mobile Stations			
A1/1	51.010-2	Standard GSM Band (P-GSM)	TSPC Type GSM P Band	O	No
A1/2	51.010-2	Extended GSM Band (E-GSM), (including	TSPC Type GSM E Band	O	Yes
A1/3	51.010-2	R-GSM Band (including standard and E-	TSPC Type GSM R Band	O	No
A1/4	51.010-2	DCS 1800 band	TSPC Type DCS Band	O	Yes
A1/5	51.010-2	Multiple-band, not simultaneously	TSPC Type MB NonSimul	O	No
A1/6	51.010-2	Multiple-band, simultaneously	TSPC Type MB Simul	O	Yes
A1/7	51.010-2	Small Mobile Station	TSPC Type SmallMS	O	Yes
A1/8	51.010-2	GSM Power Class 2	TSPC Type GSM Class2	C	No
A1/9	51.010-2	GSM Power Class 3	TSPC Type GSM Class3	C	No
A1/10	51.010-2	GSM Power Class 4	TSPC Type GSM Class4	O	Yes
A1/11	51.010-2	GSM Power Class 5	TSPC Type GSM Class5	O	No
A1/12	51.010-2	DCS Power Class 1	TSPC Type DCS Class1	O	Yes
A1/13	51.010-2	DCS Power Class 2	TSPC Type DCS Class2	O	No
A1/14	51.010-2	DCS Power Class 3	TSPC Type DCS Class3	O	No
A1/15	51.010-2	HSCSD Multislot MS	TSPC Type HSCSD Multislot	C	No
A1/16	51.010-2	GSM 450 band	TSPC Type GSM 450 Band	O	No
A1/17	51.010-2	GSM 480 band	TSPC Type GSM 480 Band	O	No
A1/18	51.010-2	PCS 1900 band	TSPC Type PCS Band	O	Yes
A1/19	51.010-2	PCS Power Class 1	TSPC Type PCS Class1	O	Yes
A1/20	51.010-2	PCS Power Class 2	TSPC Type PCS Class2	O	No
A1/21	51.010-2	PCS Power Class 3	TSPC Type PCS Class3	O	No
A1/22	51.010-2	Multislot Class1	TSPC Type Multislot Class1	O	Yes
A1/23	51.010-2	Multislot Class2	TSPC Type Multislot Class2	O	No
A1/24	51.010-2	Multislot Class3	TSPC Type Multislot Class3	O	No
A1/25	51.010-2	Multislot Class4	TSPC Type Multislot Class4	O	No
A1/26	51.010-2	Multislot Class5	TSPC Type Multislot Class5	O	No
A1/27	51.010-2	Multislot Class6	TSPC Type Multislot Class6	O	No
A1/28	51.010-2	Multislot Class7	TSPC Type Multislot Class7	O	No
A1/29	51.010-2	Multislot Class8	TSPC Type Multislot Class8	O	No
A1/30	51.010-2	Multislot Class9	TSPC Type Multislot Class9	O	No
A1/31	51.010-2	Multislot Class10	TSPC Type Multislot Class10	O	No
A1/32	51.010-2	Multislot Class11	TSPC Type Multislot Class11	O	No
A1/33	51.010-2	Multislot Class12	TSPC Type Multislot Class12	O	No
A1/34	51.010-2	Multislot Class13	TSPC Type Multislot Class13	O	No
A1/35	51.010-2	Multislot Class14	TSPC Type Multislot Class14	O	No
A1/36	51.010-2	Multislot Class15	TSPC Type Multislot Class15	O	No
A1/37	51.010-2	Multislot Class16	TSPC Type Multislot Class16	O	No
A1/38	51.010-2	Multislot Class17	TSPC Type Multislot Class17	O	No
A1/39	51.010-2	Multislot Class18	TSPC Type Multislot Class18	O	No
A1/40	51.010-2	Multislot Class19	TSPC Type Multislot Class19	O	No
A1/41	51.010-2	Multislot Class20	TSPC Type Multislot Class20	O	No
A1/42	51.010-2	Multislot Class21	TSPC Type Multislot Class21	O	No
A1/43	51.010-2	Multislot Class22	TSPC Type Multislot Class22	O	No
A1/44	51.010-2	Multislot Class23	TSPC Type Multislot Class23	O	No
A1/45	51.010-2	Multislot Class24	TSPC Type Multislot Class24	O	No
A1/46	51.010-2	Multislot Class25	TSPC Type Multislot Class25	O	No
A1/47	51.010-2	Multislot Class26	TSPC Type Multislot Class26	O	No
A1/48	51.010-2	Multislot Class27	TSPC Type Multislot Class27	O	No
A1/49	51.010-2	Multislot Class28	TSPC Type Multislot Class28	O	No
A1/50	51.010-2	Multislot Class29	TSPC Type Multislot Class29	O	No
A1/51	51.010-2	GPRS Multislot operation	TSPC Type GPRS Multislot operati	C	Yes
A1/52	51.010-2	EGPRS capable of 8PSK in Uplink, of all	TSPC Type EGPRS 8PSK uplink	O	No
A1/53	51.010-2	GSM 700 band	TSPC Type GSM 700 Band	O	No
A1/54	51.010-2	GSM 750 band	TSPC Type GSM 750 Band	O	No
A1/55	51.010-2	GSM 850 band	TSPC Type GSM 850 Band	O	Yes
A1/56	51.010-2	Support of UTRAN Radio Access	TSPC Type UTRAN	O	No
A1/57	51.010-2	Support of GPRS Multislot class on the	TSPC Type GPRS Multislot uplink	C	Yes
A1/58	51.010-2	Support of COMPACT	TSPC COMPACT	C	No
A1/59	51.010-2	DTM/GPRS Multislot Class 1	TSPC DTM GPRS	C	No
A1/60	51.010-2	DTM/GPRS Multislot Class 5	TSPC DTM GPRS	C	No
A1/61	51.010-2	DTM/GPRS Multislot Class 9	TSPC DTM GPRS	O	No
A1/62	51.010-2	Support of singleslot allocation in	TSPC DTM GPRS Singleslot Allocat	O	No
A1/63	51.010-2	Support of UTRAN FDD	TSPC Type UTRAN FDD	O	No
A1/64	51.010-2	Support of UTRAN TDD	TSPC Type UTRAN TDD	O	No
A1/65	51.010-2	Support of Conventional GPS	TSPC Conv-GPS	O	No
A1/66	51.010-2	EGPRS Multislot operation	TSPC Type EGPRS Multislot operat	C	No

PICS Identifier	3GPP Test Spec	Mnemonic	PICS Status	Support	Supported Value
A1/67	51.010-2	GPRS Multislot Class1	TSPC Type GPRS Multislot Class1	O	No
A1/68	51.010-2	GPRS Multislot Class2	TSPC Type GPRS Multislot Class2	O	No
A1/69	51.010-2	GPRS Multislot Class3	TSPC Type GPRS Multislot Class3	O	No
A1/70	51.010-2	GPRS Multislot Class4	TSPC Type GPRS Multislot Class4	O	No
A1/71	51.010-2	GPRS Multislot Class5	TSPC Type GPRS Multislot Class5	O	No
A1/72	51.010-2	GPRS Multislot Class6	TSPC Type GPRS Multislot Class6	O	No
A1/73	51.010-2	GPRS Multislot Class7	TSPC Type GPRS Multislot Class7	O	No
A1/74	51.010-2	GPRS Multislot Class8	TSPC Type GPRS Multislot Class8	O	No
A1/75	51.010-2	GPRS Multislot Class9	TSPC Type GPRS Multislot Class9	O	No
A1/76	51.010-2	GPRS Multislot Class10	TSPC Type GPRS Multislot Class10	O	Yes
A1/77	51.010-2	GPRS Multislot Class11	TSPC Type GPRS Multislot Class11	O	No
A1/78	51.010-2	GPRS Multislot Class12	TSPC Type GPRS Multislot Class12	O	No
A1/79	51.010-2	GPRS Multislot Class13	TSPC Type GPRS Multislot Class13	O	No
A1/80	51.010-2	GPRS Multislot Class14	TSPC Type GPRS Multislot Class14	O	No
A1/81	51.010-2	GPRS Multislot Class15	TSPC Type GPRS Multislot Class15	O	No
A1/82	51.010-2	GPRS Multislot Class16	TSPC Type GPRS Multislot Class16	O	No
A1/83	51.010-2	GPRS Multislot Class17	TSPC Type GPRS Multislot Class17	O	No
A1/84	51.010-2	GPRS Multislot Class18	TSPC Type GPRS Multislot Class18	O	No
A1/85	51.010-2	GPRS Multislot Class19	TSPC Type GPRS Multislot Class19	O	No
A1/86	51.010-2	GPRS Multislot Class20	TSPC Type GPRS Multislot Class20	O	No
A1/87	51.010-2	GPRS Multislot Class21	TSPC Type GPRS Multislot Class21	O	No
A1/88	51.010-2	GPRS Multislot Class22	TSPC Type GPRS Multislot Class22	O	No
A1/89	51.010-2	GPRS Multislot Class23	TSPC Type GPRS Multislot Class23	O	No
A1/90	51.010-2	GPRS Multislot Class24	TSPC Type GPRS Multislot Class24	O	No
A1/91	51.010-2	GPRS Multislot Class25	TSPC Type GPRS Multislot Class25	O	No
A1/92	51.010-2	GPRS Multislot Class26	TSPC Type GPRS Multislot Class26	O	No
A1/93	51.010-2	GPRS Multislot Class27	TSPC Type GPRS Multislot Class27	O	No
A1/94	51.010-2	GPRS Multislot Class28	TSPC Type GPRS Multislot Class28	O	No
A1/95	51.010-2	GPRS Multislot Class29	TSPC Type GPRS Multislot Class29	O	No
A1/96	51.010-2	EGPRS Multislot Class1	TSPC Type EGPRS Multislot Class1	O	No
A1/97	51.010-2	EGPRS Multislot Class2	TSPC Type EGPRS Multislot Class2	O	No
A1/98	51.010-2	EGPRS Multislot Class3	TSPC Type EGPRS Multislot Class3	O	No
A1/99	51.010-2	EGPRS Multislot Class4	TSPC Type EGPRS Multislot Class4	O	No
A1/100	51.010-2	EGPRS Multislot Class5	TSPC Type EGPRS Multislot Class5	O	No
A1/101	51.010-2	EGPRS Multislot Class6	TSPC Type EGPRS Multislot Class6	O	No
A1/102	51.010-2	EGPRS Multislot Class7	TSPC Type EGPRS Multislot Class7	O	No
A1/103	51.010-2	EGPRS Multislot Class8	TSPC Type EGPRS Multislot Class8	O	No
A1/104	51.010-2	EGPRS Multislot Class9	TSPC Type EGPRS Multislot Class9	O	No
A1/105	51.010-2	EGPRS Multislot Class10	TSPC Type EGPRS Multislot Class10	O	No
A1/106	51.010-2	EGPRS Multislot Class11	TSPC Type EGPRS Multislot Class11	O	No
A1/107	51.010-2	EGPRS Multislot Class12	TSPC Type EGPRS Multislot Class12	O	No
A1/108	51.010-2	EGPRS Multislot Class13	TSPC Type EGPRS Multislot Class13	O	No
A1/109	51.010-2	EGPRS Multislot Class14	TSPC Type EGPRS Multislot Class14	O	No
A1/110	51.010-2	EGPRS Multislot Class15	TSPC Type EGPRS Multislot Class15	O	No
A1/111	51.010-2	EGPRS Multislot Class16	TSPC Type EGPRS Multislot Class16	O	No
A1/112	51.010-2	EGPRS Multislot Class17	TSPC Type EGPRS Multislot Class17	O	No
A1/113	51.010-2	EGPRS Multislot Class18	TSPC Type EGPRS Multislot Class18	O	No
A1/114	51.010-2	EGPRS Multislot Class19	TSPC Type EGPRS Multislot Class19	O	No
A1/115	51.010-2	EGPRS Multislot Class20	TSPC Type EGPRS Multislot Class20	O	No
A1/116	51.010-2	EGPRS Multislot Class21	TSPC Type EGPRS Multislot Class21	O	No
A1/117	51.010-2	EGPRS Multislot Class22	TSPC Type EGPRS Multislot Class22	O	No
A1/118	51.010-2	EGPRS Multislot Class23	TSPC Type EGPRS Multislot Class23	O	No
A1/119	51.010-2	EGPRS Multislot Class24	TSPC Type EGPRS Multislot Class24	O	No
A1/120	51.010-2	EGPRS Multislot Class25	TSPC Type EGPRS Multislot Class25	O	No
A1/121	51.010-2	EGPRS Multislot Class26	TSPC Type EGPRS Multislot Class26	O	No
A1/122	51.010-2	EGPRS Multislot Class27	TSPC Type EGPRS Multislot Class27	O	No
A1/123	51.010-2	EGPRS Multislot Class28	TSPC Type EGPRS Multislot Class28	O	No
A1/124	51.010-2	EGPRS Multislot Class29	TSPC Type EGPRS Multislot Class29	O	No
A1/125	51.010-2	GSM 850 Power Class 2	TSPC Type GSM 850 Class2	C	No
A1/126	51.010-2	GSM 850 Power Class 3	TSPC Type GSM 850 Class3	C	No
A1/127	51.010-2	GSM 850 Power Class 4	TSPC Type GSM 850 Class4	O	Yes
A1/128	51.010-2	GSM 850 Power Class 5	TSPC Type GSM 850 Class5	O	No
A1/129	51.010-2	8-PSK GSM Power Class E1	TSPC Type GSM ClassE1	O	No
A1/130	51.010-2	8-PSK GSM Power Class E2	TSPC Type GSM ClassE2	O	No
A1/131	51.010-2	8-PSK GSM Power Class E3	TSPC Type GSM ClassE3	O	No
A1/132	51.010-2	8-PSK DCS Power Class E1	TSPC Type DCS ClassE1	O	No
A1/133	51.010-2	8-PSK DCS Power Class E2	TSPC Type DCS ClassE2	O	No
A1/134	51.010-2	8-PSK DCS Power Class E3	TSPC Type DCS ClassE3	O	No
A1/135	51.010-2	8-PSK PCS Power Class E1	TSPC Type PCS ClassE1	O	No
A1/136	51.010-2	8-PSK PCS Power Class E2	TSPC Type PCS ClassE2	O	No

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A1/137	51.010-2	8-PSK PCS Power Class E3	TSPC Type PCS ClassE3	O	No	
A1/138	51.010-2	8-PSK GSM 850 Power Class E1	TSPC Type GSM 850 ClassE1	O	No	
A1/139	51.010-2	8-PSK GSM 850 Power Class E2	TSPC Type GSM 850 ClassE2	O	No	
A1/140	51.010-2	8-PSK GSM 850 Power Class E3	TSPC Type GSM 850 ClassE3	O	No	
A1/141	51.010-2	GSM850 and GSM1800 Band Interworking	TSPC GSM850 GSM1800 Interworki	O	Yes	
A1/142	51.010-2	GSM900 and GSM1900 Band Interworking	TSPC GSM900 GSM1900 Interworki	O	Yes	
A1/143	51.010-2	GSM850 and GSM900 Band Interworking	TSPC GSM850 GSM900 Interworkin	O	Yes	
A1/144	51.010-2	DTM/EGPRS Multislot Class 1	TSPC DTM EGPRS Multislot Class	O	No	
A1/145	51.010-2	DTM/EGPRS Multislot Class 5	TSPC DTM EGPRS Multislot Class	O	No	
A1/146	51.010-2	DTM/EGPRS Multislot Class 9	TSPC DTM EGPRS Multislot Class	O	No	
A1/147	51.010-2	Support of singleslot allocation in	TSPC DTM EPGRS Singleslot Alloc	O	No	
A1/148	51.010-2	DTM/GPRS Multislot Class 11	TSPC DTM GPRS Multislot Class 1	O	No	
A1/149	51.010-2	GPRS Multislot Class30	TSPC Type GPRS Multislot Class3	O	No	
A1/150	51.010-2	GPRS Multislot Class31	TSPC Type GPRS Multislot Class3	O	No	
A1/151	51.010-2	GPRS Multislot Class32	TSPC Type GPRS Multislot Class3	O	No	
A1/152	51.010-2	GPRS Multislot Class33	TSPC Type GPRS Multislot Class3	O	No	
A1/153	51.010-2	GPRS Multislot Class34	TSPC Type GPRS Multislot Class3	O	No	
A1/154	51.010-2	GPRS Multislot Class35	TSPC Type GPRS Multislot Class3	O	No	
A1/155	51.010-2	GPRS Multislot Class36	TSPC Type GPRS Multislot Class3	O	No	
A1/156	51.010-2	GPRS Multislot Class37	TSPC Type GPRS Multislot Class3	O	No	
A1/157	51.010-2	GPRS Multislot Class38	TSPC Type GPRS Multislot Class3	O	No	
A1/158	51.010-2	GPRS Multislot Class39	TSPC Type GPRS Multislot Class3	O	No	
A1/159	51.010-2	GPRS Multislot Class40	TSPC Type GPRS Multislot Class4	O	No	
A1/160	51.010-2	GPRS Multislot Class41	TSPC Type GPRS Multislot Class4	O	No	
A1/161	51.010-2	GPRS Multislot Class42	TSPC Type GPRS Multislot Class4	O	No	
A1/162	51.010-2	GPRS Multislot Class43	TSPC Type GPRS Multislot Class4	O	No	
A1/163	51.010-2	GPRS Multislot Class44	TSPC Type GPRS Multislot Class4	O	No	
A1/164	51.010-2	GPRS Multislot Class45	TSPC Type GPRS Multislot Class4	O	No	
A1/165	51.010-2	EGPRS Multislot Class30	TSPC Type EGPRS Multislot Class	O	No	
A1/166	51.010-2	EGPRS Multislot Class31	TSPC Type EGPRS Multislot Class	O	No	
A1/167	51.010-2	EGPRS Multislot Class32	TSPC Type EGPRS Multislot Class	O	No	
A1/168	51.010-2	EGPRS Multislot Class33	TSPC Type EGPRS Multislot Class	O	No	
A1/169	51.010-2	EGPRS Multislot Class34	TSPC Type EGPRS Multislot Class	O	No	
A1/170	51.010-2	EGPRS Multislot Class35	TSPC Type EGPRS Multislot Class	O	No	
A1/171	51.010-2	EGPRS Multislot Class36	TSPC Type EGPRS Multislot Class	O	No	
A1/172	51.010-2	EGPRS Multislot Class37	TSPC Type EGPRS Multislot Class	O	No	
A1/173	51.010-2	EGPRS Multislot Class38	TSPC Type EGPRS Multislot Class	O	No	
A1/174	51.010-2	EGPRS Multislot Class39	TSPC Type EGPRS Multislot Class	O	No	
A1/175	51.010-2	EGPRS Multislot Class40	TSPC Type EGPRS Multislot Class	O	No	
A1/176	51.010-2	EGPRS Multislot Class41	TSPC Type EGPRS Multislot Class	O	No	
A1/177	51.010-2	EGPRS Multislot Class42	TSPC Type EGPRS Multislot Class	O	No	
A1/178	51.010-2	EGPRS Multislot Class43	TSPC Type EGPRS Multislot Class	O	No	
A1/179	51.010-2	EGPRS Multislot Class44	TSPC Type EGPRS Multislot Class	O	No	
A1/180	51.010-2	EGPRS Multislot Class45	TSPC Type EGPRS Multislot Class	O	No	
A1/181	51.010-2	T GSM band	TSPC Type T GSM Band	O	No	
A1/182	51.010-2	GSM 710 band	TSPC Type GSM 710 Band	O	No	
A1/183	51.010-2	T GSM 810 band	TSPC Type T GSM 810 Band	O	No	
A1/184	51.010-2	DTM/EGPRS Multislot Class 11	TSPC DTM EGPRS Multislot Class	O	No	
A1/185	51.010-2	T GSM 380 band	TSPC Type T GSM 380 Band	O	No	
A1/186	51.010-2	T GSM 410 band	TSPC Type T GSM 410 Band	O	No	
A1/187	51.010-2	T GSM 900 band	TSPC Type T GSM 900 Band	O	No	
A1/188	51.010-2	EGPRS Multislot Operation in Uplink	TSPC EGPRS Multislot Uplink	C	No	
A1/189	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 0	TSPC Type_GMSK Multislot Power	O	No	
A1/190	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 1	TSPC Type_GMSK Multislot Power Pro	O	No	
A1/191	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 2	TSPC Type_GMSK Multislot Power Pro	O	No	
A1/192	51.010-2	GMSK_MULTISLOT_POWER_PROFILE 3	TSPC Type_GMSK Multislot Power Pro	O	No	
A1/193	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 0	TSPC Type_8-	O	No	
A1/194	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 1	TSPC Type_8-PSK Multislot Power Pro	O	No	
A1/195	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 2	TSPC Type_8-PSK Multislot Power Pro	O	No	
A1/196	51.010-2	8PSK_MULTISLOT_POWER_PROFILE 3	TSPC Type_8-PSK Multislot Power Pro	O	No	
	51.010-2	1.3 MS Feature Release Supported				
A1b/1	51.010-2	Release of GPRS supported	TSPC MS GPRS RELEASE	C	Yes	Release 4
A1b/2	51.010-2	Release of AMR supported	TSPC MS AMR RELEASE	C	Yes	Release 4
A1b/3	51.010-2	Release of EGPRS supported	TSPC MS EGPRS RELEASE	C	No	Release 4
A1b/4	51.010-2	Release of RRLP supported.	TSPC MS RRLP RELEASE	C	No	
A1b/5	51.010-2	Release of high Layer supported.	TSPC MS HIGHER LAYER RELEA	M	Yes	R99
	51.010-2	1.4 Mobile Station Features				
A2/1	51.010-2	Display of Called Number	TSPC Feat DCN	C	Yes	
A2/2	51.010-2	Indication of Call Progress Signals	TSPC Feat CPSind	C	Yes	
A2/3	51.010-2	Country/PLMN Indication	TSPC Feat PLMNind	C	Yes	

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A2/4	51.010-2	Country/PLMN Selection	TSPC Feat PLMNsel	M	Yes	
A2/5	51.010-2	Keypad	TSPC Feat Keypad	O	Yes	
A2/6	51.010-2	IMEI	TSPC Feat IMEI	M	Yes	
A2/7	51.010-2	Short Message Overflow Indication	TSPC Feat SMoverflow	M	Yes	
A2/8	51.010-2	DTE /DCE Interface	TSPC Feat DTE DCE	O	Yes	
A2/9	51.010-2	ISDN "S" Interface	TSPC Feat Sinterface	O	No	
A2/10	51.010-2	International Access Function	TSPC Feat IntAccess	O	Yes	
A2/11	51.010-2	Service Indicator	TSPC Feat ServInd	C	Yes	
A2/12	51.010-2	Autocalling restriction capabilities	TSPC Feat AutocallRestrict	C	Yes	
A2/13	51.010-2	Dual Tone Multi Frequency function (DTMF)	TSPC Feat DTMF	C	Yes	
A2/14	51.010-2	Subscription Identity Management	TSPC Feat SIM	M	Yes	
A2/15	51.010-2	On/Off switch	TSPC Feat OnOff	O	Yes	
A2/16	51.010-2	Subaddress	TSPC Feat Subaddress	O	Yes	
A2/17	51.010-2	Support of Encryption A5/1	TSPC Feat A51	M	Yes	
A2/18	51.010-2	void		N/A		
A2/19	51.010-2	Short Message Service Cell Broadcast DRX	TSPC Feat SMS CB DRX	O	Yes	
A2/20	51.010-2	Abbreviated Dialling	TSPC Feat AD	O	Yes	
A2/21	51.010-2	Fixed Number Dialling	TSPC Feat FND	O	Yes	
A2/22	51.010-2	Barring of Outgoing Calls	TSPC Feat BO	O	Yes	
A2/23	51.010-2	DTMF Control Digits Separator	TSPC Feat DTMF CDS	O	Yes	
A2/24	51.010-2	Selection of Directory No in Short Messages	TSPC Feat SM Dir	O	Yes	
A2/25	51.010-2	Last Numbers Dialed	TSPC Feat LND	O	Yes	
A2/26	51.010-2	At least one autocalling feature	TSPC Feat Autocall	O	No	
A2/27	51.010-2	Alphanumeric display	TSPC Feat Alphanum Display	O	Yes	
A2/28	51.010-2	Other means of display	TSPC Feat Other Means of Display	O	No	
A2/29	51.010-2	Speech indicator	TSPC Feat Speech Indicator	O	Yes	
A2/30	51.010-2	Support of the extended Short message cell	TSPC Ext SMcell BC	O	No	
A2/31	51.010-2	Support of Additional Call Set-up MMI	TSPC AddCall Su MMi Proc	O	Yes	
A2/32	51.010-2	void		N/A		
A2/33	51.010-2	Ciphering Indicator	TSPC Feat Ciphering	C	Yes	
A2/34	51.010-2	Network's indication of alerting in the MS	TSPC Feat NI AlertinMS	O	No	
A2/35	51.010-2	ME-SIM lock	TSPC SIM Lock	O	Yes	
A2/36	51.010-2	Service Dialling Numbers	TSPC Service No	O	Yes	
A2/37	51.010-2	Extended Timing Advance	TSPC Feat Ext TA	C	No	
A2/38	51.010-2	Support of SoLSA	TSPC SoLSA	O	No	
A2/39	51.010-2	Audible Indication of Service Tones	TSPC Feat audible tone	O	Yes	
A2/40	51.010-2	Autocalling Cause 27 Implemented in Cat 3	TSPC Feat Cause27Cat3	O	Yes	
A2/41	51.010-2	Support of GPRS	TSPC GPRS	O	Yes	
A2/42	51.010-2	Support of EGPRS	TSPC EGPRS	O	No	
A2/43	51.010-2	Support of GPRS Encryption	TSPC GPRS Encryp	C	Yes	
A2/44	51.010-2	Control of Supplementary Services	TSPC Control SS	O	Yes	
A2/45	51.010-2	Short message	TSPC Supp SM	O	Yes	
A2/46	51.010-2	Emergency calls capabilities	TSPC Emergency call cap	C	Yes	
A2/47	51.010-2	GPRS operation mode class A	TSPC operation mode A	C	No	
A2/48	51.010-2	GPRS operation mode class B	TSPC operation mode B	C	Yes	
A2/49	51.010-2	GPRS operation mode class C	TSPC operation mode C	C	No	
A2/50	51.010-2	MS supporting SMS over GPRS	TSPC SMS over GPRS	O	Yes	
A2/51	51.010-2	void		N/A		
A2/52	51.010-2	void		N/A		
A2/53	51.010-2	Support of ECSD	TSPC ECSD	O	No	
A2/54	51.010-2	GPRS test mode A	TSPC GPRS Testmode A	C	Yes	
A2/55	51.010-2	GPRS test mode B	TSPC GPRS Testmode B	C	Yes	
A2/56	51.010-2	EGPRS test mode	TSPC EGPRS Testmode	C	No	
A2/57	51.010-2	Support of MS-Assisted E-OTD	TSPC EOTD ASSIST	O	No	
A2/58	51.010-2	Non-zero value of Non DRX Timer	TSPC non zero Non DRX Timer	C	No	
A2/59	51.010-2	Support of MS-Based GPS	TSPC A-GPS Based	O	No	
A2/60	51.010-2	Support of MS-Assisted GPS	TSPC A-GPS Assist	O	No	
A2/61	51.010-2	Privacy Option Supported	TSPC PRIVACY	O	No	
A2/62	51.010-2	Support of DTM/GPRS	TSPC DTM GPRS	C	No	
A2/63	51.010-2	Support MS Assisted EOTD Performance for	TSPC EOTD ASSIST AND	O	No	
A2/64	51.010-2	Support MS Assisted EOTD Performance for	TSPC EOTD ASSIST AND	O	No	
A2/65	51.010-2	Support of EGPRS Packet Access	TSPC EGPRS ENHANC	O	No	
A2/66	51.010-2	void		N/A		
A2/67	51.010-2	Support of MT SMS over GPRS	TSPC MT SMS over GPRS	O	Yes	
A2/68	51.010-2	void		N/A		
A2/69	51.010-2	Support of DTM/EGPRS	TSPC DTM EGPRS	C	No	
A2/70	51.010-2	Support of Extended dynamic allocation	TSPC Extended Dynamic Allocation	C	No	
A2/71	51.010-2	Support of GAN	TSPC GAN	O	No	
A2/72	51.010-2	Support of GERAN FEATURE PACKAGE 1	TSPC GERAN FEATURE PACKAG	M	Yes	
A2/73	51.010-2	Support of Encryption A5/3	TSPC Feat A53	M	Yes	

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A2/74	51.010-2	Support of Fine Time Assistance	TSPC Fine Time Assist	C	No
A2/75	51.010-2	Support of Encryption GEA2	TSPC Feat GEA2	O	Yes
A2/76	51.010-2	Support of Encryption GEA3	TSPC Feat GEA3	M	No
A2/77	51.010-2	Use of R99 Emergency numbers	TSPC R99 Emerg	O	Yes
A2/78	51.010-2	Support of GERAN FEATURE PACKAGE 2	TSPC GERAN FEATURE PACKAG	O	No
A2/79	51.010-2	Support of GAN to UTRAN CS Handover	TSPC GAN TO UTRAN CS Hando	O	No
A2/80	51.010-2	Support of UTRAN to GAN CS Handover	TSPC UTRAN TO GAN CS Hando	O	No
A2/81	51.010-2	Support of Enhanced DTM CS	TSPC Enhanced DTM CS	O	No
A2/82	51.010-2	Support of PS Handover	TSPC PS Handover	O	No
A2/83	51.010-2	Support of simultaneous CS and PS services	TSPC Simult CS PS GAN	C	No
A2/84	51.010-2	Support of Latency reductions	TSPC Latency Reductions	O	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	O	Yes
A3/2	51.010-2	Emergency Call	TSPC Serv TS12	C	Yes
A3/3	51.010-2	Short Message MT/PP (SMS MT)	TSPC Serv TS21	O	Yes
A3/4	51.010-2	Short Message MO/PP (SMS MO)	TSPC Serv TS22	O	Yes
A3/5	51.010-2	SMS Cell Broadcast (SMS CB)	TSPC Serv TS23	O	Yes
A3/6	51.010-2	Teleservice Alternate Speech and G3 fax	TSPC Serv TS61	O	No
A3/7	51.010-2	Teleservice Automatic G3 fax	TSPC Serv TS62	O	Yes
A3/8	51.010-2	Voice Group Call Service (VGCS)	TSPC Serv TS91	O	No
A3/9	51.010-2	Voice Broadcast Service (VBS)	TSPC Serv TS92	O	No
A3/10	51.010-2	SMS description	TSPC SMS description	O	Yes
	51.010-2	1.6 Bearer Services			
A4/1	51.010-2	Data circuit duplex async. 300 bit/s	TSPC Serv BS21	O	No
A4/2	51.010-2	Data circuit duplex async. 1 200 bit/s	TSPC Serv BS22	O	No
A4/3	51.010-2	Data circuit duplex async. 1 200/75 bit/s	TSPC Serv BS23	O	No
A4/4	51.010-2	Data circuit duplex async. 2 400 bit/s	TSPC Serv BS24	O	No
A4/5	51.010-2	Data circuit duplex sync. 4 800 bit/s	TSPC Serv BS25	O	No
A4/6	51.010-2	Data circuit duplex async. 9600 bit/s	TSPC Serv BS26	O	Yes
A4/7	51.010-2	Data circuit duplex sync. 1200 bit/s	TSPC Serv BS31	O	No
A4/8	51.010-2	Data circuit duplex sync. 2400 bit/s	TSPC Serv BS32	O	No
A4/9	51.010-2	Data circuit duplex sync. 4800 bit/s	TSPC Serv BS33	O	No
A4/10	51.010-2	Data circuit duplex sync. 9 600 bit/s	TSPC Serv BS34	O	No
A4/11	51.010-2	PAD Access 300 bit/s	TSPC Serv BS41	O	No
A4/12	51.010-2	PAD Access 1200 bit/s	TSPC Serv BS42	O	No
A4/13	51.010-2	PAD Access 1 200/75 bits/s	TSPC Serv BS43	O	No
A4/14	51.010-2	PAD Access 2 400 bit/s	TSPC Serv BS44	O	No
A4/15	51.010-2	PAD Access 4800 bit/s	TSPC Serv BS45	O	No
A4/16	51.010-2	PAD Access 9 600 bit/s	TSPC Serv BS46	O	No
A4/17	51.010-2	Packet Access 2400 bit/s	TSPC Serv BS51	O	No
A4/18	51.010-2	Packet Access 4 800 bit/s	TSPC Serv BS52	O	No
A4/19	51.010-2	Packet Access 9600 bit/s	TSPC Serv BS53	O	No
A4/20	51.010-2	Alternate Speech/Data.	TSPC Serv BS61	O	No
A4/21	51.010-2	Speech Followed by Data.	TSPC Serv BS81	O	No
A4/22	51.010-2	GPRS	TSPC Serv BS70	O	Yes
A4/23	51.010-2	Bluetooth data rate	TSPC Serv BS71	O	No
A4/24	51.010-2	WLAN data rate	TSPC Serv BS72	O	No
	51.010-2	1.7 Supplementary Services			
A5/1	51.010-2	Calling Line Identification Presentation	TSPC Serv SS CLIP	O	Yes
A5/2	51.010-2	Calling Line Identification Restriction (CLIR)	TSPC Serv SS CLIR	O	Yes
A5/3	51.010-2	Connected Line Identification Presentation	TSPC Serv SS COLP	O	Yes
A5/4	51.010-2	Connected Line Identification Restriction	TSPC Serv SS COLR	O	Yes
A5/5	51.010-2	Call Forwarding Unconditional (CFU)	TSPC Serv SS CFU	M	Yes
A5/6	51.010-2	Call Forwarding on Mobile Subscriber Busy	TSPC Serv SS CFB	M	Yes
A5/7	51.010-2	Call Forwarding on No Reply (CFNRY)	TSPC Serv SS CFNRy	M	Yes
A5/8	51.010-2	Call Forwarding on Mobile Subscriber Not	TSPC Serv SS CFNRc	M	Yes
A5/9	51.010-2	Call waiting (CW)	TSPC Serv SS CW	O	Yes
A5/10	51.010-2	Call hold / retrieve (HOLD)	TSPC Serv SS HOLD	O	Yes
A5/11	51.010-2	Multiparty Service (MPTY)	TSPC Serv SS MPTY	O	Yes
A5/12	51.010-2	Closed User Group (CUG)	TSPC Serv SS CUG	O	Yes
A5/13	51.010-2	Advice of Charge -Information (AOCl)	TSPC Serv SS AoCl	O	Yes
A5/14	51.010-2	Advice of Charge -Charging (AOCC)	TSPC Serv SS AoCC	O	Yes
A5/15	51.010-2	Call barring on all outgoing calls (BAOC)	TSPC Serv SS BAOc	M	Yes
A5/16	51.010-2	Call barring on international outgoing calls	TSPC Serv SS BOIC	M	Yes
A5/17	51.010-2	Call barring on international outgoing calls	TSPC Serv SS BOICexHC	M	Yes
A5/18	51.010-2	Call barring on all incoming calls (BAIC)	TSPC Serv SS BAIC	M	Yes
A5/19	51.010-2	Call barring on incoming calls when roaming	TSPC Serv SS BICRoam	M	Yes
A5/20	51.010-2	Unstructured SS Data (USSD)	TSPC Serv SS unstruct	O	Yes
A5/21	51.010-2	enhanced Multi-Level Precedence and Pre-	TSPC Serv SS eMLPP	O	No

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Annex C: PICS/PIXIT Information

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PICS Identifier	3GPP Test Spec	Mnemonic	PICS Status	Support	Supported Value
A5/22	51.010-2	Call Deflection (CD)	TSPC Serv SS CD	O	Yes
A5/23	51.010-2	User-to-User signalling (UUS)	TSPC Serv SS UUS	O	No
A5/24	51.010-2	Explicit Call Transfer (ECT)	TSPC Serv SS ECT	O	Yes
A5/25	51.010-2	Implicit UUS1	TSPC Serv SS ImpUUS1	O	No
A5/26	51.010-2	Sending of implicit UUS1 in the ALERTING	TSPC Serv SS Send UUS1 ALERT	O	No
A5/27	51.010-2	Sending of implicit UUS1 in the CONNECT	TSPC Serv SS Send UUS1 CONN	O	No
A5/28	51.010-2	Follow Me		O	
A5/29	51.010-2	User-to-Dispatcher Information	TSPC Serv UTDI	O	No
A5/30	51.010-2	Compressed User-to-Dispatcher	TSPC Serv Compr UTDI	O	No
A5/31	51.010-2	Call Completion to Busy Subscriber SS	TSPC CCBS SS	O	No
A5/32	51.010-2	Call Completion to Busy Subscriber	TSPC CCBS Req	O	No
A5/33	51.010-2	Support of Private Numbering Plan SS	TSPC SPNP SS	O	No
A5/34	51.010-2	Support of Private Numbering Plan	TSPC Num plans	O	No
A5/35	51.010-2	Name Identification SS - Calling Name	TSPC CNAP	O	Yes
A5/36	51.010-2	void		O	No
A5/37	51.010-2	Support of MO-LR request for a position	TSPC MOLR POS	O	No
A5/38	51.010-2	Support of MO-LR request for transfer to 3rd	TSPC MOLR 3RD	O	No
A5/39	51.010-2	Support of MT-LR	TSPC MTLR	O	No
A5/40	51.010-2	Support of MO-LR request for assistance	TSPC MOLR ASSIS	O	No
	51.010-2	1.8 Bearer Capability Information			
A6/1	51.010-2	Bearer Service 21(20) .. 26, unrestricted	TSPC BS2x UDI	O	Yes
A6/2	51.010-2	Bearer Service 21(20) .. 26, 3.1 kHz audio	TSPC BS2x 31kHz	O	Yes
A6/3	51.010-2	Bearer Service 31(30) .. 34, unrestricted	TSPC BS3x UDI nonX32	O	No
A6/4	51.010-2	Bearer Service 31(30) .. 34, unrestricted	TSPC BS3x UDI X32	O	No
A6/5	51.010-2	Bearer Service 31(30) .. 34, 3.1 kHz audio	TSPC BS3x 31kHz nonX32	O	No
A6/6	51.010-2	Bearer Service 31(30) .. 34, 3.1 kHz audio	TSPC BS3x 31kHz X32	O	No
A6/7	51.010-2	Bearer Service 41(40).46, PAD Access	TSPC BS4x PAD	O	No
A6/8	51.010-2	Bearer Service 51(50).53, Data Packet	TSPC BS5x Packet	O	No
A6/9	51.010-2	Bearer Service 61, Alternate Speech/Data	TSPC BS61 Speech	O	No
A6/10	51.010-2	Bearer Service 61, Alternate Speech/Data	TSPC BS61 31kHz Async	O	No
A6/11	51.010-2	Bearer Service 61, Alternate Speech/Data	TSPC BS61 31kHz Sync	O	No
A6/12	51.010-2	Bearer Service 81, Speech followed by Data	TSPC BS81 Speech	O	No
A6/13	51.010-2	Bearer Service 81, Speech followed by Data	TSPC BS81 31kHz Async	O	No
A6/14	51.010-2	Bearer Service 81, Speech followed by Data	TSPC BS81 31kHz Sync	O	No
A6/15	51.010-2	Teleservice 11..12, Speech	TSPC TS1x Speech	O	Yes
A6/16	51.010-2	Teleservice 61, Alternate Speech and	TSPC TS61 Speech	O	No
A6/17	51.010-2	Teleservice 61, Alternate Speech and	TSPC TS61 G3FAX	O	No
A6/18	51.010-2	Teleservice 62, Automatic Facsimile group 3	TSPC TS62 G3FAX	O	Yes
	51.010-2	1.9 Bearer Service 20..26, UDI			
A7/1	51.010-2	Signalling Access Protocol (SAP)		M	Yes I.440
A7/2	51.010-2	Connection Element (CE)		M	Yes NT
A7/3	51.010-2	User Info Layer 2 Protocol (UIL2P)		M	Yes ISO6429,NAV
A7/4	51.010-2	Number of Data Bits (NDB)		M	Yes 8 bits
A7/5	51.010-2	Parity Information (NPB)		M	Yes none
A7/6	51.010-2	Number of Stop Bits (NSB)		M	Yes 1 bit
A7/7	51.010-2	Radio Channel Requirement (RCR)		M	Yes FR
A7/8	51.010-2	Intermediate Rate (IR)		M	Yes 8 kbps, 16 kbps
A7/9	51.010-2	User Rate (UR)		M	Yes 9.6
A7/10	51.010-2	Fixed Network User Rate (FNUR)		O	No
A7/11	51.010-2	Wanted Air Interface User Rate (WAIUR)		C	No
A7/12	51.010-2	User Initiated Modification Indication (UIMI)		O	No
A7/13	51.010-2	Maximum number of Traffic Channels		C	No
A7/10a	51.010-2	All allowed combinations according to 3GPP		O	No
	51.010-2	1.10 Bearer Service 20..26, 3.1 kHz			
A8/1	51.010-2	Signalling Access Protocol (SAP)		M	Yes I.440
A8/2	51.010-2	Connection Element (CE)		M	Yes NT
A8/3	51.010-2	User Info Layer 2 Protocol (UIL2P)		M	Yes ISO6429,NAV
A8/4	51.010-2	Number of Data Bits (NDB)		M	Yes 8 bits
A8/5	51.010-2	Parity Information (NPB)		M	Yes none
A8/6	51.010-2	Number of Stop Bits (NSB)		M	Yes 1 bit
A8/7	51.010-2	Radio Channel Requirement (RCR)		M	Yes FR
A8/8	51.010-2	Intermediate Rate (IR)		M	Yes 8 kbps, 16 kbps
A8/9	51.010-2	User Rate (UR)		M	Yes 9.6
A8/10	51.010-2	Modem Type (MT)		M	Yes V.22bis, V.32
A8/11	51.010-2	Fixed Network User Rate (FNUR)		O	No
A8/12	51.010-2	Wanted Air Interface User Rate (WAIUR)		C	No
A8/13	51.010-2	Acceptable channel codings (ACC)		O	No
A8/14	51.010-2	User Initiated Modification Indication (UIMI)		O	No
A8/15	51.010-2	Maximum number of Traffic Channels		C	No
A8/11a	51.010-2	All allowed combinations according to 3GPP		O	No

PICS Identifier	3GPP Test Spec	Mnemonic	PICS Status	Support	Supported Value
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		No	
A10b	51.010-2	1.14 Bearer Service 30..34, UDI, 64 kbps		No	
A11	51.010-2	1.15 Bearer Service 30..34, 3.2 kHz, Non-		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		No	
A15	51.010-2	1.19 Bearer Service 61, Alternate		No	
A16	51.010-2	1.20 Bearer Service 61, Alternate		No	
A17	51.010-2	1.21 Bearer Service 61, Alternate		No	
A18	51.010-2	1.22 Bearer Service 81, Speech followed		No	
A19	51.010-2	1.23 Bearer Service 81, Speech followed		No	
A20	51.010-2	1.24 Bearer Service 81, Speech followed		No	
	51.010-2	1.25 Teleservice 11..12, Speech		No	
A21/1	51.010-2	Radio Channel Requirement (RCR)	M	Yes	dualFR
A22	51.010-2	1.26 Alternate Speech and Facsimile		No	
A23	51.010-2	1.27 Alternate Speech and Facsimile		No	
	51.010-2	1.28 Teleservice 62, Automatic G3 fax		No	
A24/1	51.010-2	Connection Element (CE)	M	Yes	T
A24/2	51.010-2	User Info Layer 2 Protocol (UIL2P)	M	Yes	NAV
A24/3	51.010-2	Intermediate Rate (IR)	M	Yes	8 kbps, 16 kbps
A24/4	51.010-2	User Rate (UR)	M	Yes	2.4, 4.8, 9.6
A24/5	51.010-2	All allowed combinations according to 3GPP	O	No	
	51.010-2	1.29 Additional Information			
A25/1	51.010-2	at least one Half Rate service	TSPC AddInfo HalfRate	O	Yes
A25/2	51.010-2	Speech supported for Full rate version 1	TSPC AddInfo Full rate version 1	C	Yes
A25/3	51.010-2	Speech supported for Half rate version 1	TSPC AddInfo Half rate version 1	O	Yes
A25/4	51.010-2	At least one data service	TSPC AddInfo DataSvc	O	Yes
A25/5	51.010-2	at least one Full Rate data service	TSPC AddInfo FullRateData	O	Yes
A25/6	51.010-2	at least one Half Rate data service	TSPC AddInfo HalfRateData	O	No
A25/7	51.010-2	at least one Non-transparent data service	TSPC AddInfo NonTransData	O	Yes
A25/8	51.010-2	at least one transparent data service	TSPC AddInfo TransData	O	Yes
A25/9	51.010-2	Only transparent data service	TSPC AddInfo TranspDataOnly	O	No
A25/10	51.010-2	at least one asynchronous data service	TSPC AddInfo AsyncData	O	Yes
A25/11	51.010-2	at least one asynchronous non-transparent	TSPC AddInfo AsyncNonTransData	O	Yes
A25/12	51.010-2	2.4 k Full Rate data mode	TSPC AddInfo 24DataF	O	No
A25/13	51.010-2	2.4 k Half Rate data mode	TSPC AddInfo 24DataH	O	No
A25/14	51.010-2	4.8 k Full Rate data mode	TSPC AddInfo 48DataF	O	No
A25/15	51.010-2	4.8 k Half Rate data mode	TSPC AddInfo 48DataH	O	No
A25/16	51.010-2	9.6 k Full Rate data mode	TSPC AddInfo 96Data	O	Yes
A25/17	51.010-2	Non-transparent service with full rate FR	TSPC AddInfo fullRate48	O	No
A25/18	51.010-2	At least one bearer capability	TSPC AddInfo BC	O	Yes
A25/19	51.010-2	at least one MT circuit switched basic	TSPC AddInfo MTsvc	O	Yes
A25/20	51.010-2	at least one MO circuit switched basic	TSPC AddInfo MOsvc	O	Yes
A25/21	51.010-2	Only SDCCCH	TSPC AddInfo SDCCCHOnly	O	No
A25/22	51.010-2	at least one service on traffic channel	TSPC AddInfo SvcOnTCH	O	Yes
A25/23	51.010-2	dual rate radio channel type (no relation)	TSPC AddInfo DualRate	O	Yes
A25/24	51.010-2	Only full rate radio channel type (no relation)	TSPC AddInfo FullRateOnly	O	No
A25/25	51.010-2	At least one teleservice	TSPC AddInfo TeleSvc	O	Yes
A25/26	51.010-2	CC protocol for at least one BC	TSPC AddInfo CCprotocol oneBC	O	Yes
A25/27	51.010-2	The only circuit switched basic service	TSPC AddInfo EmgOnly	C	No
A25/28	51.010-2	Fax Error Correction mode	TSPC AddInfo FaxErrCorr	O	No
A25/29	51.010-2	At least one supplementary service	TSPC AddInfo SS	O	Yes
A25/30	51.010-2	Non-call related supplementary services	TSPC AddInfo NonCallSS	O	Yes
A25/31	51.010-2	At least one short message service	TSPC AddInfo SMS	O	Yes
A25/32	51.010-2	SMS reply procedures	TSPC AddInfo ReplyProc	O	Yes
A25/33	51.010-2	Replace SMS	TSPC AddInfo ReplaceSMS	O	Yes
A25/34	51.010-2	Display of received SMS	TSPC AddInfo DispRcvSMS	O	Yes
A25/35	51.010-2	SMS status report capabilities (SMSS SIM	TSPC AddInfo SMSStatusRepCap	O	Yes
A25/36	51.010-2	Storing of short messages in the SIM	TSPC AddInfo StoreRcvSMSSIM	O	Yes
A25/37	51.010-2	Storing of short messages in the ME	TSPC AddInfo StoreRcvSMSME	O	No
A25/38	51.010-2	Detach on power down	TSPC AddInfo DetachOnPwrDn	O	Yes
A25/39	51.010-2	Detach on SIM remove	TSPC AddInfo DetachOnSIMRmv	O	No
A25/40	51.010-2	SIM removable without power down	TSPC AddInfo SIMRmv	O	No
A25/41	51.010-2	ID-1 SIM	TSPC AddInfo ID1	O	No
A25/42	51.010-2	Plug-in SIM	TSPC AddInfo PlugIn	O	Yes
A25/43	51.010-2	Disable PIN feature	TSPC AddInfo DisablePin	O	Yes
A25/44	51.010-2	PIN2 feature	TSPC AddInfo Pin2	O	Yes
A25/45	51.010-2	Feature requiring entry of PIN2	TSPC AddInfo Pin2Feature	O	Yes

PICS Identifier	3GPP Test Spec		Mnemonic	PICS Status	Support	Supported Value
A25/46	51.010-2	Chars 0-9, *, # supported	TSPC AddInfo BasCharSet	O	Yes	
A25/47	51.010-2	A, B, C, D, ... chars supported	TSPC AddInfo AddCharSet	O	No	
A25/48	51.010-2	Automatically enter automatic selection of	TSPC AddInfo AutoAutoMode	O	Yes	
A25/49	51.010-2	Alerting indication to the user	TSPC AddInfo AlertInd	O	Yes	
A25/50	51.010-2	Appl. Layer is always running	TSPC AddInfo ApplAlwaysRun	O	No	
A25/51	51.010-2	Immediate Connect supported for all circuit	TSPC AddInfo ImmConn	O	No	
A25/52	51.010-2	In-Call modification	TSPC AddInfo InCallMod	O	No	
A25/53	51.010-2	Follow-on request procedure	TSPC AddInfo followOnReq	O	No	
A25/54	51.010-2	refusal of call	TSPC AddInfo RefusalCall	O	Yes	
A25/55	51.010-2	RF amplification	TSPC AddInfo RFAmp	O	No	
A25/56	51.010-2	Number of B-party number for autocalling is	TSPC AddInfo AutocallBnoGreaterM	O	Yes	
A25/57	51.010-2	Handset MS supporting speech	TSPC AddInfo SpeechHandset	O	Yes	
A25/58	51.010-2	MT2 Configuration	TSPC AddInfo MT2	O	Yes	
A25/59	51.010-2	MT2 Configuration or any other possibility to	TSPC AddInfo MT2orOther	O	Yes	
A25/60	51.010-2	Permanent Antenna Connector	TSPC AddInfo PermAntenna	O	Yes	
A25/61	51.010-2	Pseudo-synchronised handover supported	TSPC AddInfo PseudoSynch	O	Yes	
A25/62	51.010-2	5V only SIM/ME interface	TSPC AddInfo 5V	O	No	
A25/63	51.010-2	3V only SIM/ME interface	TSPC AddInfo 3V	O	No	
A25/64	51.010-2	3V/5V SIM/ME interface	TSPC AddInfo 3V5V	O	No	
A25/65	51.010-2	Speech supported for Full rate version 2	TSPC AddInfo Full rate version 2	C	Yes	
A25/66a	51.010-2	RLP supports non default parameters	TSPC AddInfo NonDefaultRlpParam	O	Yes	
A25/66b	51.010-2	Support of listening to voice broadcast calls	TSPC AddInfo VBS Listening	O	No	
A25/67	51.010-2	Support of originating voice broadcast calls	TSPC AddInfo VBS Originating	O	No	
A25/68	51.010-2	Support of listening to voice group calls	TSPC AddInfo VGCS Listening	C	No	
A25/69	51.010-2	Support of talking in voice group calls	TSPC AddInfo VGCS Talking	C	No	
A25/70	51.010-2	Support of originating voice group calls	TSPC AddInfo VGCS Originating	O	No	
A25/71	51.010-2	Support of reduced NCH monitoring	TSPC AddInfo NCH ReducedMonito	O	No	
A25/72	51.010-2	14.4 k data mode	TSPC AddInfo 144Data	O	No	
A25/73	51.010-2	Implementation of cause number 27 of busy	TSPC AddInfo Impl CNr27 Cat2	O	N	
A25/74	51.010-2	Implementation of cause number 27 of busy	TSPC AddInfo Impl CNr27 Cat3	O	Yes	
A25/75	51.010-2	void				
A25/76	51.010-2	Artificial ear type 1	TSPC AddInfo Ear type1	O	Yes	
A25/77	51.010-2	Artificial ear type 3.2, Low leak option	TSPC AddInfo Ear type32 LL	O	Yes	
A25/78	51.010-2	Artificial ear type 3.4	TSPC AddInfo Ear type34	O	No	
A25/79	51.010-2	Speech supported for Full Rate version 3	TSPC AddInfo Full rate version 3	C	Yes	
A25/80	51.010-2	NCH monitoring in group receive mode	TSPC AddInfo NCH Monit Rev	O	No	
A25/81	51.010-2	NCH monitoring in group transmit mode	TSPC AddInfo NCH Monit Tra	O	No	
A25/82	51.010-2	NCH monitoring in dedicated mode	TSPC AddInfo NCH Monit Ded	O	No	
A25/83	51.010-2	Support of one PDP context activation	TSPC AddInfo 1PDP CA	O	Yes	
A25/84	51.010-2	Support of more than one PDP context	TSPC AddInfo mor1PDP CA	O	Yes	2
A25/85	51.010-2	Support of more than one PDP context	TSPC AddInfo mor1PDP CA SAPI	O	Yes	
A25/86	51.010-2	Support of GPRS data compression	TSPC AddInfo GPRS Data Compr	O	No	
A25/87	51.010-2	Support of GPRS header compression	TSPC AddInfo GPRS Header Comp	O	No	
A25/88	51.010-2	Support of network requested PDP context	TSPC AddInfo N req PDP CA	O	No	
A25/89	51.010-2	Support of user settings of minimum QoS	TSPC AddInfo min QoS	O	Yes	
A25/90	51.010-2	Automatic GPRS attach procedure at switch-	TSPC AddInfo on auto GPRS AP	O	Yes	
A25/91	51.010-2	MMI controlled attach/detach procedures for	TSPC AddInfo MMI contr A DProc	O	No	
A25/92	51.010-2	Automatic attach when MS identity cannot	TSPC AddInfo auto AP no MS ID	O	Yes	
A25/93	51.010-2	Automatic MM IMSI attach procedure at	TSPC AddInfo auto MM IMSI AP c	O	Yes	
A25/94	51.010-2	Support of SIM Application Toolkit	TSPC AddInfo SIM Appl Toolkit	O	No	
A25/95	51.010-2	1.8V only SIM/ME interface	TSPC AddInfo 1 8V	O	No	
A25/96	51.010-2	1.8/3V SIM/ME interface	TSPC AddInfo 1 8V3V	O	Yes	
A25/97	51.010-2	Multiple SMS MO/PP on same RR link	TSPC AddInfo MultSMsameRR	O	No	
A25/98	51.010-2	Support of stored list cell selection	TSPC AddInfo StoredListCellSel	O	Yes	
A25/99	51.010-2	At least one service do not support	TSPC AddInfo NoImmConn	O	Yes	
A25/100	51.010-2	void		N/A		
A25/101	51.010-2	void		N/A		
A25/102	51.010-2	EFR EmgCallSetup message contains the	TSPC AddInfo EFR EmgCallBcap	O	Yes	
A25/103	51.010-2	Support of	TSPC AddInfo MonitorPCH GroupTr	O	No	
A25/104	51.010-2	Integral Antenna	TSPC AddInfo IntegrAntenna	O	Yes	
A25/105	51.010-2	User requested combined GPRS and non-	TSPC AddInfo Comb DP no pwr of	O	No	
A25/106	51.010-2	User requested non-GPRS detached	TSPC AddInfo Usr non GPRS DP	O	No	
A25/107	51.010-2	Artificial ear type 3.2, High leak option	TSPC AddInfo Ear type32 HL	O	Yes	
A25/108	51.010-2	Artificial ear type 3.3	TSPC AddInfo Ear type33	O	Yes	
A25/109	51.010-2	Support of Multiple SMS	TSPC Addinfo MultSMS	O	Yes	
A25/110	51.010-2	Cell Reselection after T3184 Expiry	TSPC Cell Resel	O	No	
A25/111	51.010-2	GPRS attach attempted automatically due to	TSPC AddInfo GPRS Attach Attempt	O	Yes	
A25/112	51.010-2	Speech supported for Half rate version 3	TSPC AddInfo Half rate version 3	O	Yes	
A25/113	51.010-2	AMR LoopBack I	TSPC AMR LoopBack	C	Yes	
A25/114	51.010-2	TTY services	TSPC AddInfo TTY	O	No	

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A25/115	51.010-2	Support of Secondary PDP Context	TSPC SEC PDP CONTEXT	O	No
A25/116	51.010-2	Support of MO SMS Concatenation	TSPC SMS MO CONCATENATION	O	Yes
A25/117	51.010-2	Support of MT SMS Concatenation	TSPC SMS MT CONCATENATION	O	Yes
A25/118	51.010-2	NITZ Supported	TSPC NITZ	O	Yes
A25/119	51.010-2	Handling of Real Time (for NITZ)	TSPC NITZ DST	O	Yes
A25/120	51.010-2	void		N/A	Yes
A25/121	51.010-2	Re-attach automatically when the network	TSPC AddInfo GPRS Attach on N	O	No
A25/122	51.010-2	Support of GPRS header compression	TSPC AddInfo GPRS Header Comp	O	No
A25/123	51.010-2	Support of GPRS header compression	TSPC AddInfo GPRS Header Comp	O	No
A25/124	51.010-2	Support of ROHC algorithm type RFC 3241	TSPC AddInfo ROHC	O	No
A25/125	51.010-2	Support of ROHC algorithm type RFC 3242	TSPC AddInfo ROHC Type RFC32	O	No
A25/126	51.010-2	Support of ROHC algorithm type RFC 3408	TSPC AddInfo ROHC Type RFC34	O	No
A25/127	51.010-2	Support of ROHC algorithm type RFC 3095	TSPC AddInfo ROHC Type RFC30	O	No
A25/128	51.010-2	The way to trigger transferring of new user	TSPC AddInfo NewULDataInNewPD	O	Yes
A25/129	51.010-2	Support of DARP phase 1	TSPC DARP Phase1	O	Yes
A25/130	51.010-2	Support of Card Application	TSPC Card Appl	O	No
A25/131	51.010-2	Support of GSM speech half rate version 6	TSPC O-TCH AHS	O	No
A25/132	51.010-2	MS with improved receiver performance	TSPC Improv RX perform	O	Yes
A25/133	51.010-2	Support of GSM speech full rate version 4	TSPC O-TCH WFS	O	No
A25/134	51.010-2	Verification for correct repetition of new	TSPC Verification correct new pass	O	Yes
A25/135	51.010-2	MS using reduced interslot dynamic range in	TSPC AddInfo Red IntSlotRange M	O	No
A25/136	51.010-2	Support of GSM speech Half rate version 4	TSPC O-TCH WHS	O	No
A25/137	51.010-2	Support of GSM Speech Full Rate version 5	TSPC TCH WFS	O	No
A25/138	51.010-2	Support of overwriting the existing Class 2	TSPC AddInfoOverwriteRcvClass2S	O	Yes
A25/139	51.010-2	Support of Repeated ACCH	TSPC Repeated ACCH	O	No
A25/140	51.010-2	Support for a method for resetting stored A-	TSPC A-GPS Data Reset	O	No
A25/141	51.010-2	Support of DARP phase 2	TSPC DARP Phase2	O	No
A25/142	51.010-2	Support of Rel-4 acoustic implementation	TSPC AddInfo Rel4 Acoustic	O	No
A25/143	51.010-2	MS with no components having RF	TSPC No Vibration Sensitive Comp	O	No
A25/144	51.010-2	Use of NITZ Full Name	TSPC NITZ Full Name	O	Yes
A25/145	51.010-2	Use of NITZ Short Name	TSPC NITZ Short Name	O	Yes
A25/146	51.010-2	Use of NITZ Universal Time	TSPC NITZ Universal Time	O	Yes
A25/147	51.010-2	Use of NITZ Local Time Zone	TSPC NITZ Time Zone	O	Yes
A25/148	51.010-2	MS using a temporary antenna connector	TSPC AddInfo TempAntenna	O	No
A25/149	51.010-2	Support of Repeated FACCH	TSPC Repeated FACCH	M	No
A25/150	51.010-2	Support of HATS	TSPC AddInfo HATS	O	No
	51.010-2	1.30 Additional info (requiring value)			
A25.1/1	51.010-2	AMR C/I normalization factor (units: dB)		O	Yes
A25.1/2	51.010-2	Loop C delay (round trip delay, in number of		O	Yes 0
A25.1/3	51.010-2	AMR C/I normalization factors (AFS,		O	Yes 5
A25.1/4	51.010-2	AMR C/I normalization factors (AHS,		O	Yes 5
A25.1/5	51.010-2	O-TCH/F C/I normalisation factor (units: dB)		O	No
A25.1/6	51.010-2	Loop C delay Half rate		O	Yes 0
A25.1/7	51.010-2	Averaging time Tav		O	Yes 0
A25.1/8	51.010-2	TCH/WFS C/I normalisation factor		O	No
A25.1/9	51.010-2	TCH/WFS C/I normalization factors		O	No
A25.1/10	51.010-2	MS LCS Notification timeout timer		O	
A25.1/11		AMR C/I normalization factor (AFS GSM 850)		O	Yes 1
A25.1/12		AMR C/I normalization factor (AFS GSM 700)		O	No
A25.1/13		AMR C/I normalization factor (AFS GSM 450)		O	No
A25.1/14		AMR C/I normalization factor (AFS DCS 1800)		O	Yes 1
A25.1/15		AMR C/I normalization factor (AFS PCS 1900)		O	Yes 1
A25.1/16		AMR C/I normalization factor (AHS GSM 900)		O	Yes 1
A25.1/17		AMR C/I normalization factor (AHS GSM 850)		O	Yes 1
A25.1/18		AMR C/I normalization factor (AHS GSM 700)		O	No
A25.1/19		AMR C/I normalization factor (AHS GSM 450)		O	No
A25.1/20		AMR C/I normalization factor (AHS DCS 1800)		O	Yes 1

PICS Identifier	3GPP Test Spec		Mnemonic	PICS Status	Support	Supported Value
A25.1/21		AMR C/I normalization factor (AHS PCS 1900)		O	Yes	1
A25.1/22		AMR C/I normalization factors (AFS, DARP, GSM 850) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3		O	Yes	3GPP TS 45.009, 3.3.1 CI_NORM_AFS_D ARP_2dB = 5 CI_NORM_AFS_D ARP_3dB = 5 CI_NORM_AFS_D ARP_4dB = 5 CI_NORM_AFS_D ARP_6dB = 5 CI_NORM_AFS_D ARP_8dB = 5 CI_NORM_AFS_D ARP_10dB = 5 CI_NORM_AFS_D ARP_11dB = 5 CI_NORM_AFS_D ARP_12dB = 5 CI_NORM_AFS_D ARP_14dB = 5 CI_NORM_AFS_D ARP_17dB = 5 CI_NORM_AFS_D ARP_19dB = 5 CI_NORM_AFS_D ARP_20dB = 5
A25.1/23		AMR C/I normalization factors (AFS, DARP, GSM 700) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3		O	No	
A25.1/24		AMR C/I normalization factors (AFS, DARP, GSM 450) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3		O	No	
A25.1/25		AMR C/I normalization factors (AFS, DARP, DCS 1800) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3		O	No	

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Annex C: PICS/PIXIT Information

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PICS Identifier	3GPP Test Spec		Mnemonic	PICS Status	Support	Supported Value
A25.1/26		AMR C/I normalization factors (AFS, DARP, PCS 1900) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3		O	Yes	3GPP TS 45.009, 3.3.1 CI_NORM_AFS_D ARP_2dB = 5 CI_NORM_AFS_D ARP_3dB = 5 CI_NORM_AFS_D ARP_4dB = 5 CI_NORM_AFS_D ARP_6dB = 5 CI_NORM_AFS_D ARP_8dB = 5 CI_NORM_AFS_D ARP_10dB = 5 CI_NORM_AFS_D ARP_11dB = 5 CI_NORM_AFS_D ARP_12dB = 5 CI_NORM_AFS_D ARP_14dB = 5 CI_NORM_AFS_D ARP_17dB = 5 CI_NORM_AFS_D ARP_19dB = 5 CI_NORM_AFS_D ARP_20dB = 5
A25.1/27		AMR C/I normalization factors (AHS, DARP, GSM 850) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4		O	Yes	3GPP TS 45.009, 3.3.1 CI_NORM_AHS_D ARP_4dB = 5 CI_NORM_AHS_D ARP_6dB = 5 CI_NORM_AHS_D ARP_7dB = 5 CI_NORM_AHS_D ARP_10dB = 5 CI_NORM_AHS_D ARP_12dB = 5 CI_NORM_AHS_D ARP_13dB = 5 CI_NORM_AHS_D ARP_16dB = 5 CI_NORM_AHS_D ARP_17dB = 5 CI_NORM_AHS_D ARP_20dB = 5 CI_NORM_AHS_D ARP_21dB = 5
A25.1/28		AMR C/I normalization factors (AHS, DARP, GSM 700) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4		O	No	
A25.1/29		AMR C/I normalization factors (AHS, DARP, GSM 450) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4		O	No	

PICS Identifier	3GPP Test Spec		Mnemonic	PICS Status	Support	Supported Value
A25.1/30		AMR C/I normalization factors (AHS, DARP, DCS 1800) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4		O	Yes	3GPP TS 45.009, 3.3.1 CI_NORM_AHS_D ARP_4dB = 5 CI_NORM_AHS_D ARP_6dB = 5 CI_NORM_AHS_D ARP_7dB = 5 CI_NORM_AHS_D ARP_10dB = 5 CI_NORM_AHS_D ARP_12dB = 5 CI_NORM_AHS_D ARP_13dB = 5 CI_NORM_AHS_D ARP_16dB = 5 CI_NORM_AHS_D ARP_17dB = 5 CI_NORM_AHS_D ARP_20dB = 5 CI_NORM_AHS_D ARP_21dB = 5
A25.1/31		AMR C/I normalization factors (AHS, DARP, PCS 1900) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4		O	Yes	3GPP TS 45.009, 3.3.1 CI_NORM_AHS_D ARP_4dB = 5 CI_NORM_AHS_D ARP_6dB = 5 CI_NORM_AHS_D ARP_7dB = 5 CI_NORM_AHS_D ARP_10dB = 5 CI_NORM_AHS_D ARP_12dB = 5 CI_NORM_AHS_D ARP_13dB = 5 CI_NORM_AHS_D ARP_16dB = 5 CI_NORM_AHS_D ARP_17dB = 5 CI_NORM_AHS_D ARP_20dB = 5 CI_NORM_AHS_D ARP_21dB = 5
	51.010-2	1.31 Support of UTRAN Radio Access				
A27/1	51.010-2	Conversational / speech / UL:12.2 DL:12.2	TSPC Conversational 12 2 CSRAB	O	No	
A27/2	51.010-2	Streaming / unknown / UL:14.4/DL:14.4 kbps	TSPC Streaming 14 4 CSRAB 3 4	O	No	
A27/3	51.010-2	Streaming / unknown / UL:28.8/DL:28.8 kbps	TSPC Streaming 28 8 CSRAB 3 4	O	No	
A27/4	51.010-2	Streaming / unknown / UL:57.6/DL:57.6 kbps	TSPC Streaming 57 6 CSRAB 3 4	O	No	

GSM
(Global System for Mobile Communications)
VARIANT TEST REPORT

Number: **SH_GT_304506** - Date: **2010-11-24**

for

Sagemcom
User Equipment Type:
HILOV2

Final Hardware Version: **V1**
Final Software Version: **Hi2C,A**
SVN=01

Annex D:
Photographs

This annex consists of 2 pages

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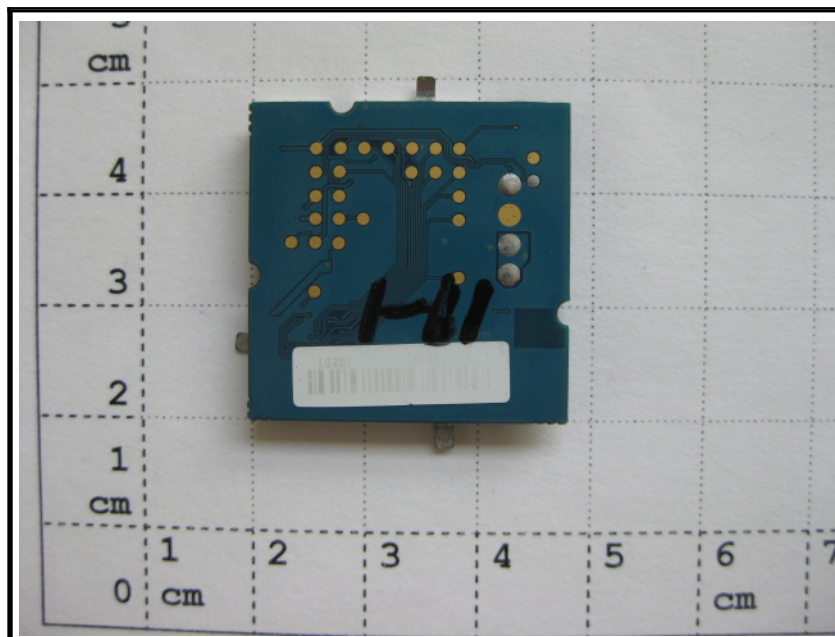


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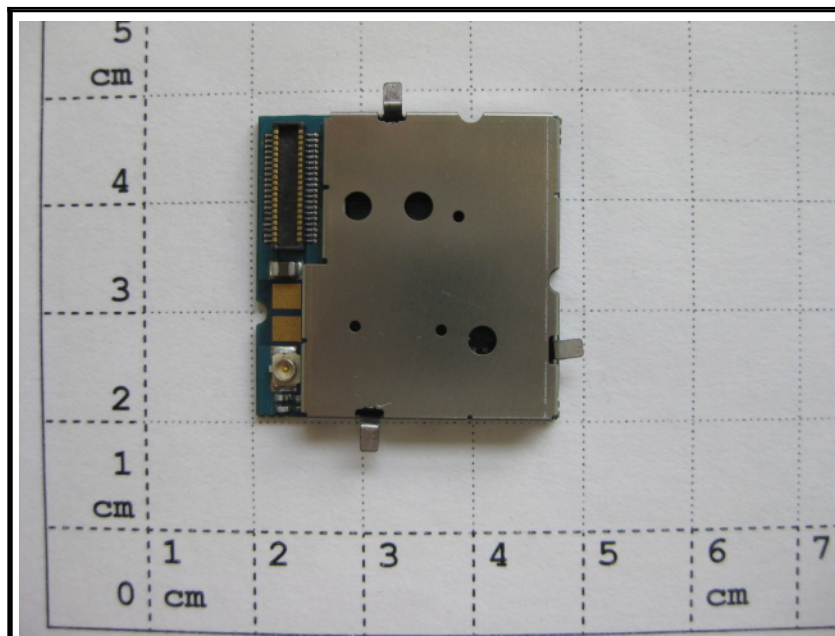
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1. Photographs of the Equipment under Test

1.1 Front View



1.2 Rear View



GSM
(Global System for Mobile Communications)
VARIANT TEST REPORT

Number: **SH_GT_304506** - Date: **2010-11-24**

for

Sagemcom
User Equipment Type:
HILOV2

Final Hardware Version: **V1**
Final Software Version: **Hi2C,A**
SVN=01

Annex E:
Detailed Test Verdicts

This annex consists of 30 pages

**CETECOM Shanghai is accredited
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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 table

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.

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 the given GSM frequency bands:

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 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 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 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 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. <u>Examples:</u> - 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 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 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 in the given GSM frequency band or not used by the specific certification regime.

2.3 Terms in column "Notes"

2.3.1 Test samples used for testing

The detailed test result table contains **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 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 table 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 table 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
---	no letter note used ---

3. Detailed Test Result Table

The test result table in the following section includes detailed information for all performed test cases.

3.1 Test Results according to 3GPP TS 51.010-1

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
12.1.1	Conducted spurious emissions, MS allocated a channel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	Normal Temperature \ High Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
12.1.2	Conducted spurious emissions, MS in idle mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Normal Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
12.2.1	Radiated spurious emissions - MS allocated a channel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---
	Normal Temperature \ High Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
12.2.2	Radiated spurious emissions - MS in idle mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---
	Normal Temperature \ Low Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---
	Normal Temperature \ High Voltage	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	A	PASS	1.1	1	---	---	---	---	---	---	---	---
13.1	Frequency error and phase error	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	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	---	---	---	---	---	---	---	---	---	---
	Vibration X-Axis	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	---	---	---	---	---	---	---
	Vibration Y-Axis	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	---	---	---	---	---	---	---
	Vibration Z-Axis	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
13.2	Frequency error under multipath and interference conditions	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
13.3.4.1	Transmitter output power and burst timing - MS with permanent or temporary antenna connector	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	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	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement					GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
					GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
13.4	Output RF spectrum				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	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	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
13.16.1	Frequency error and phase error in GPRS multislot configuration	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	---	---	---	---	---	---	---
	Vibration X-Axis	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[40]	A	PASS	1.6	5,[40]	---	---	---	---	---	---	---	---
	Vibration Y-Axis	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[40]	A	PASS	1.6	5,[40]	---	---	---	---	---	---	---	---
	Vibration Z-Axis	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[15]	A	PASS	1.6	5,[40]	A	PASS	1.6	5,[40]	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement				GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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	
13.16.2-1	Transmitter output power in GPRS multislot configuration - MS with permanent or temporary antenna connector	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	2,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	2,[25],[36],[39],[40]	A	PASS	1.6	2,[25],[36],[39],[40]	---	---	---	---	---	---	---	---	---	
	Low Temperature \ Low Voltage	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[25],[36],[39],[40]	A	PASS	1.6	6,[25],[36],[39],[40]	---	---	---	---	---	---	---	---	---	
	Low Temperature \ High Voltage	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[25],[36],[39],[40]	A	PASS	1.6	6,[25],[36],[39],[40]	---	---	---	---	---	---	---	---	---	
	High Temperature \ Low Voltage	A	PASS	1.6	2,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	2,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	2,[25],[36],[39],[40]	A	PASS	1.6	2,[25],[36],[39],[40]	---	---	---	---	---	---	---	---	---	
	High Temperature \ High Voltage	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[5],[10],[14],[15],[18],[23]	A	PASS	1.6	6,[25],[36],[39],[40]	A	PASS	1.6	6,[25],[36],[39],[40]	---	---	---	---	---	---	---	---	---	
13.16.3	Output RF spectrum in GPRS multislot configuration	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[28],[40]	A	PASS	1.6	2,[28],[40]	---	---	---	---	---	---	---	---	---	
	Low Temperature \ Low Voltage	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[28],[40]	A	PASS	1.6	2,[28],[40]	---	---	---	---	---	---	---	---	---	
	Low Temperature \ High Voltage	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[28],[40]	A	PASS	1.6	2,[28],[40]	---	---	---	---	---	---	---	---	---	
	High Temperature \ Low Voltage	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[28],[40]	A	PASS	1.6	2,[28],[40]	---	---	---	---	---	---	---	---	---	
	High Temperature \ High Voltage	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[15],[19]	A	PASS	1.6	2,[28],[40]	A	PASS	1.6	2,[28],[40]	---	---	---	---	---	---	---	---	---	

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
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	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
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	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
14.1.2.1	Bad frame indication - TCH/HS - Random RF input	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
14.1.2.2	Bad frame indication - TCH/HS - Frequency hopping and downlink DTX	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
14.1.5.1	Bad frame indication - TCH/AFS (Speech frame) - Random RF input	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
14.1.6.1	Bad frame indication - TCH/AHS - Random RF input	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-----	---	---	---	-----	---	---
14.2.1	Reference Sensitivity - TCH/FS	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
14.2.2	Reference Sensitivity - TCH/HS (Speech frames)	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---
14.2.3	Reference Sensitivity - FACCH/F	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
14.2.4	Reference Sensitivity - FACCH/H	A	PASS	1.6	2,[8],[13]	A	PASS	1.6	2,[8],[13]	A	PASS	1.6	2,[27],[33],[38]	A	PASS	1.6	2,[27],[33],[38]	---	-----	---	---	---	-----	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
14.2.7	Reference sensitivity - TCH/EFS	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---
	Normal Temperature \ Normal Voltage	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	Low Temperature \ Low Voltage	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	Low Temperature \ High Voltage	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	High Temperature \ Low Voltage	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
	High Temperature \ High Voltage	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
14.2.10	Reference sensitivity - TCH/AFS	A	PASS	1.6	2,5	A	PASS	1.6	2,5	A	PASS	1.6	2,5	A	PASS	1.6	2,5	---	-----	---	---	---	-----	---	---
14.2.18	Reference sensitivity - TCH/AHS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
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	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
14.2.25	Reference Sensitivity Repeated FACCH/F	---	-----	---	---	---	-----	---	---	A	N/A	---	---	A	N/A	---	---	---	-----	---	---	---	-----	---	---
14.2.26	Reference Sensitivity Repeated SACCH	---	-----	---	---	---	-----	---	---	A	N/A	---	---	A	N/A	---	---	---	-----	---	---	---	-----	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
14.3	Usable receiver input level range	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.4.1	Co-channel rejection - TCH/FS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2,[34]	A	PASS	1.6	2,[34]	---	---	---	---	---	---	---	---
14.4.4	Co-channel rejection - FACCH/F	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
14.4.5	Co-channel rejection - FACCH/H	A	PASS	1.6	2,[8],[13]	A	PASS	1.6	2,[8],[13]	A	PASS	1.6	2,[26],[27],[33],[38]	A	PASS	1.6	2,[26],[27],[33],[38]	---	---	---	---	---	---	---	---
14.4.7	Reveiver performance in the case of frequency hopping and co-channel interference on one carrier	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14.4.8	Co-channel rejection - TCH/AFS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2,[34]	A	PASS	1.6	2,[34]	---	---	---	---	---	---	---	---
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	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.4.18	Co-channel rejection - TCH/AHS-INB	A	PASS	1.6	5	A	PASS	1.6	2	A	PASS	1.6	5	A	PASS	1.6	2	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
14.4.31	Co-channel rejection Repeated FACCH/F	---	---	---	---	---	---	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---
14.4.32	Co-channel rejection Repeated SACCH	---	---	---	---	---	---	---	---	A	N/A	---	---	A	N/A	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---
14.5.1.2	Adjacent channel rejection - speech channels - TCH/AFS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.5.1.3	Adjacent channel rejection - speech channels - TCH/AHS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
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	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
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	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.8.1	AM suppression - speech channels	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
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	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.10.4	Performance of the Codec Mode Request Generation TCH/AHS - DARP	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.11.1.1	Speech bearer tests / TCH/FS / DTS-1	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) GCF NI			
Test Case	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
14.11.2.1	Speech bearer tests / TCH/AFS / DTS-1	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.11.2.2	Speech bearer tests / TCH/AFS / DTS-4	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.11.2.3	Speech bearer tests / TCH/AFS / DTS-2/3/5	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.11.3.1	Speech bearer tests / TCH/AHS / DTS-1	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.11.3.3	Speech bearer tests / TCH/AHS / DTS-2/3	---	---	---	---	---	---	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	---	---	---	---	---	---	---
14.12.1.1	DARP Speech bearer tests / FACCH DTS-1	---	---	---	---	---	---	---	---	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
14.12.1.2	DARP Speech bearer tests / FACCH DTS-2-3	---	---	---	---	---	---	---	---	E	PASS	1.6	2,[38]	E	PASS	1.6	2,[38]	---	---	---	---	---	---	---	---
14.16.1	Minimum Input Level for Reference Performance	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2,6,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	2,[6],[7],[12],[15],[16],[20],[21],[22],[24]	A	PASS	1.6	6,[29],[30],[31],[32],[40]	A	PASS	1.6	2,[29],[30],[31],[32],[40]	---	---	---	---	---	---	---	---
14.16.2.1	Co-channel rejection for packet channels	A	PASS	1.6	5,[9],[12],[15]	A	PASS	1.6	5,[9],[12],[15]	A	PASS	1.6	5,[34],[35],[40]	A	PASS	1.6	5,[34],[35],[40]	---	---	---	---	---	---	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
14.16.4.1	Single synchronous co-channel interferer (DTS-1)	---	---	---	---	---	---	---	---	E	PASS	1.6	2	E	PASS	1.6	2	---	---	---	---	---	---	---	---
14.16.4.2	Multiple synchronous co-channel interferer (DTS-2 / DTS-3)	---	---	---	---	---	---	---	---	E	PASS	1.6	2	E	PASS	1.6	2	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
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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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
14.18.6	EGPRS Usable receiver input level range	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Normal Temperature \ Normal Voltage	A	N/A	---	---	A	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	---	---	---	---	---	---	---
	Low Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	---	---	---	---	---	---	---
	Low Temperature \ High Voltage	A	N/A	---	---	A	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	---	---	---	---	---	---	---
	High Temperature \ Low Voltage	A	N/A	---	---	A	N/A	---	---	B	N/A	---	---	B	N/A	---	---	---	---	---	---	---	---	---	---
	High Temperature \ High Voltage	A	N/A	---	---	A	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	---	---	---	---	---	---	---	---	---	---
14.18.10.1	Minimum Input level for Reference Performance for PAN	P	N/A	---	---	P	N/A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
21.1	Received signal measurements - Signal strength	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---	---	----	---	---
	Normal Temperature \ Normal Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
	Low Temperature \ Low Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
	Low Temperature \ High Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
	High Temperature \ Low Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
	High Temperature \ High Voltage	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
21.2	Signal strength selectivity	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
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	1.6	2,[11]	A	PASS	1.6	2,[11]	A	PASS	1.6	2,[37]	A	PASS	1.6	2,[37]	---	-----	---	---	---	-----	---	---
21.3.4	Signal quality under static conditions - TCH/AHS-DTX off	A	PASS	1.6	2,[11],[44]	A	PASS	1.6	2,[11],[44]	A	PASS	1.6	2,[37]	A	PASS	1.6	2,[37]	---	-----	---	---	---	-----	---	---
21.3.5	Signal quality under static conditions -TCH/AFS DTX on	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
21.3.6	Signal Quality under static conditions - TCH/AHS - DTX on	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
21.4.1	Signal quality under TUhigh propagation conditions	A	R	---	---	A	R	---	---	A	R	---	---	A	R	---	---	---	-----	---	---	---	-----	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0)				GCF-CC (v3.39.0)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				NAPRD03 (v5.4)				GCF-CC (v3.39.0)			
		GSM 900				GSM 1800				GSM 850				GSM 1900				PTCRB NI				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
21.4.2	Signal quality under TUhigh propagation conditions - TCH/AFS	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
21.4.3	Signal quality under TUhigh propagation conditions - TCH/AHS	A	PASS	1.6	5	A	PASS	1.6	5	A	PASS	1.6	5	A	PASS	1.6	5	---	-----	---	---	---	-----	---	---
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	1.6	2,[13]	A	PASS	1.6	2,[13]	A	PASS	1.6	2,[38]	A	PASS	1.6	2,[38]	---	-----	---	---	---	-----	---	---
22.3	GPRS Uplink Power Control - Use of Alpha and Gamma (CH) parameters	---	-----	---	---	---	-----	---	---	A	PASS	1.6	2	A	PASS	1.6	2	---	-----	---	---	---	-----	---	---
22.4	GPRS Uplink Power Control - Independence of TS Power Control	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[15]	A	PASS	1.6	2,[40]	A	PASS	1.6	2,[40]	---	-----	---	---	---	-----	---	---
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	---	---	---	-----	---	---	---	-----	---	---
22.9	EGPRS Uplink Power Control - Independence of TS Power Control	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	A	N/A	---	---	---	-----	---	---	---	-----	---	---
26.6.8.5	Ciphering mode / IMEISV request	A	GSM 1900	---	---	A	GSM 1900	---	---	E	GSM 1900	---	---	E	PASS	1.6	4	---	-----	---	---	---	-----	---	---
27.17.1.1	Electrical tests- Phase preceding ME power on	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	A	PASS	1.6	3	A	PASS	1.6	3
27.17.1.2	Electrical tests - Phase during SIM power on	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	B	PASS	1.6	3,[17]
27.17.1.2-1	Electrical tests - Phase during SIM power on - 5V SIM interface	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	B	N/A	---	---	---	-----	---	---
27.17.1.2-2	Electrical tests - Phase during SIM power on - 3V SIM interface	---	-----	---	---	---	-----	---	---	---	-----	---	---	---	-----	---	---	B	N/A	---	---	---	-----	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
27.17.1.2-3.1	Electrical tests - Phase during SIM power on - 3V/5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.2-3.2	Electrical tests - Phase during SIM power on - 3V/5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.2-4	Electrical tests - Phase during SIM power on - 1,8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.2-5.1	Electrical tests - Phase during SIM power on - 1,8V/3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.1.2-5.2	Electrical tests - Phase during SIM power on - 1,8V/3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.1.3	Electrical tests- Phase during ME power off with clock stop forbidden	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---
27.17.1.3-1	Electrical tests - Phase during ME power off with clock stop forbidden - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.3-2	Electrical tests - Phase during ME power off with clock stop forbidden - 3V/5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.4	Electrical tests- Phase during ME power off with clock stop allowed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.1.4-1	Phase during ME power off with clock stop allowed - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.4-2	Phase during ME power off with clock stop allowed - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.4-3.1	Phase during ME power off with clock stop allowed - 3V/5V SIM interface, soft power down	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.4-3.2	Phase during ME power off with clock stop allowed - 3V/5V SIM interface, 3V/5V switching	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.4-4	Phase during ME power off with clock stop allowed - 1,8V SIM interface, soft power down	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
27.17.1.4-5.1	Phase during ME power off with clock stop allowed - 1,8V/3V SIM interface, soft power down	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.1.4-5.2	Phase during ME power off with clock stop allowed - 1,8V/3V SIM interface, soft power down	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.1.5.1	Reaction of 3V only MEs on SIM type recognition failure	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	B	N/A	---	---
27.17.1.5.2	Reaction of 3V only MEs on type recognition of 5V only SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	B	N/A	---	---
27.17.1.5.3	Reaction of 3V technology MEs on type recognition of 5V only SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	B	N/A	---	---
27.17.1.5.4	Reaction of 3V technology MEs on type recognition of 3V technology SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	B	N/A	---	---
27.17.1.5.5	Reaction of 1,8V only MEs on SIM type recognition failure	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.5.6	Reaction of 1,8V only MEs on type recognition of 3V SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.1.5.7	Reaction of 1,8V technology MEs on type recognition of 3V technology SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	B	PASS	1.6	3,[17]
27.17.1.5.8	Reaction of 1,8V technology MEs on type recognition of 1,8V technology SIMs	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	B	PASS	1.6	3,[17]
27.17.2.1.1	Electrical tests on contact C1 / test 1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.2.1.1-1	Electrical tests on contact C1, Test 1 - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.1-2	Electrical tests on contact C1, Test 1 - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.1-3.1	Electrical tests on contact C1, Test 1 - 3V/5V SIM interface, 5V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
27.17.2.1.1-3.2	Electrical tests on contact C1, Test 1 - 3V/5V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.1-4	Electrical tests on contact C1, Test 1 - 1.8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.1-5.1	Electrical tests on contact C1, Test 1 - 1.8V/3V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.2.1.1-5.2	Electrical tests on contact C1, Test 1 - 1.8V/3V SIM interface, 1.8V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.2.1.2	Electrical tests on contact C1 / test 2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.2.1.2-1	Electrical tests on contact C1, Test 2 - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.2-2	Electrical tests on contact C1, Test 2 - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.2-3.1	Electrical tests on contact C1, Test 2 - 3V/5V SIM interface, 5V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.2-3.2	Electrical tests on contact C1, Test 2 - 3V/5V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.2-4	Electrical tests on contact C1, Test 2 - 1.8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.1.2-5.1	Electrical tests on contact C1, Test 2 - 1.8V/3V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[43]	---	---	---	---
27.17.2.1.2-5.2	Electrical tests on contact C1, Test 2 - 1.8V/3V SIM interface, 1.8V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[43]	---	---	---	---
27.17.2.2	Electrical tests on contact C2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.2.2-1	Electrical tests on contact C2 - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---

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

Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
27.17.2.2-2	Electrical tests on contact C2 - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.2-3.1	Electrical tests on contact C2 - 3V/5V SIM interface, 5V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.2-3.2	Electrical tests on contact C2 - 3V/5V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.2-4	Electrical tests on contact C2 - 1,8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.2-5.1	Electrical tests on contact C2 - 1,8V/3V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.2.2-5.2	Electrical tests on contact C2 - 1,8V/3V SIM interface, 1,8V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.2.3	Electrical tests on contact C3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.2.3-1	Electrical tests on contact C3 - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.3-2	Electrical tests on contact C3 - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.3-3	Electrical tests on contact C3 - 3V/5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.3-4	Electrical tests on contact C3 - 1,8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.3-5	Electrical tests on contact C3 - 1,8V/3V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---
27.17.2.5	Electrical tests on contact C7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[17]
27.17.2.5-1	Electrical tests on contact C7 - 5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---

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Test Results of Sagemcom HILOV2

3GPP TS 51.010-1 Requirement		GCF-CC (v3.39.0) GSM 900				GCF-CC (v3.39.0) GSM 1800				NAPRD03 (v5.4) GSM 850				NAPRD03 (v5.4) GSM 1900				NAPRD03 (v5.4) PTCRB NI				GCF-CC (v3.39.0) 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
27.17.2.5-2	Electrical tests on contact C7 - 3V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.5-3	Electrical tests on contact C7 - 3V/5V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.5-4	Electrical tests on contact C7 - 1,8V SIM interface	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	N/A	---	---	---	---	---	---
27.17.2.5-5	Electrical tests on contact C7 - 1,8V/3V SIM interface, 3V operation mode	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	B	PASS	1.6	3,[41],[42],[43]	---	---	---	---

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