



Partial GSM TEST REPORT

No. I14Z46950-GPM01

for

Shanghai SIMCom Wireless Solutions Co.,Ltd.

Model Name: SIM800H

Marketing Name: SIM800H

with

Hardware Version: V1.02

Software Version: SIM800 R13.08

Issued Date: 2014-08-08



Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of TMC Beijing.

Test Laboratory:

TMC Beijing, Telecommunication Metrology Center of the Ministry of Industry and Information Technology
Shou Xiang Technology Building, No.51 Xueyuan Road, Haidian District, Beijing, P. R. China, 100191
Tel:+86(0)10-62304633-2679, Fax:+86(0)10-62304633 Email:welcome@emcite.com. www.emcite.com

REPORT HISTORY

Report Number	Revision	Description	Issue Date
I14Z46950-GPM01	Rev.0	1st edition	2014-08-08

CONTENTS

1.	TEST LABORATORY	5
1.1.	TESTING LOCATION	5
1.2.	TESTING ENVIRONMENT	5
1.3.	PROJECT DATA	5
1.4.	SIGNATURE.....	5
2.	CLIENT INFORMATION	6
2.1.	APPLICANT INFORMATION	6
2.2.	MANUFACTURER INFORMATION	6
3.	EQUIPMENT UNDER TEST (EUT) AND ANCILLARY EQUIPMENT (AE)	7
3.1.	ABOUT EUT	7
3.2.	INTERNAL IDENTIFICATION OF EUT USED DURING THE TEST	7
3.3.	INTERNAL IDENTIFICATION OF AE USED DURING THE TEST	7
4.	REFERENCE DOCUMENTS.....	8
4.1.	DOCUMENTS SUPPLIED BY APPLICANT	8
4.2.	REFERENCE DOCUMENTS FOR TESTING.....	8
5.	TEST RESULTS	9
5.1.	DIFFERENT TYPE OF GSM TEST REPORT.....	9
5.2.	SUMMARY OF TEST RESULTS	9
5.3.	STATEMENTS	9
6.	TEST EQUIPMENTS UTILIZED	10
6.1.	RS CRTUG	10
7.	MEASUREMENT UNCERTAINTY	14
	ANNEX A: EUT PHOTOGRAPH	15
	ANNEX B.1: PICS/PIXIT INFORMATION.....	16
	ANNEX C: DETAILED TEST RESULTS.....	52
	ANNEX C.1 MAIN TERMS.....	52
	ANNEX C.2 TERMS USED IN CONDITION COLUMN.....	52
	ANNEX C.3 TERMS USED IN VERDICT COLUMN.....	52
	ANNEX C.4 TERMS USED IN NOTE COLUMN	53
	ANNEX C.5 TESTCASES LIST.....	54

ANNEX D: ACCREDITATION CERTIFICATE.....55

1. Test Laboratory

1.1. Testing Location

Company Name: TMC Beijing, Telecommunication Metrology Center of MIIT
Address: Shou Xiang Technology Building, No.51 Xueyuan Road, Haidian District, Beijing, P. R. China
Postal Code: 100191
Telephone: 00861062304633
Fax: 00861062304633

1.2. Testing Environment

Normal Temperature: 15-35°C
Extreme Temperature: -10/+55°C
Relative Humidity: 20-75%

1.3. Project data

Project Leader: Li Guang
Testing Start Date: 2014-6-03
Testing End Date: 2014-8-08

1.4. Signature

Li Guang
(Prepared this test report)

Song Chongwen
(Reviewed this test report)

Lu Bingsong
Deputy Director of the laboratory
(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name: Shanghai SIMCom Wireless Solutions Co.,Ltd.
Address /Post: Building A,SIM Technology Building, No.633,Jinzhong Road,Changning District,Shanghai R.R.China
Country: China
Telephone: +86-021-32523300
Contact: Liweixing

2.2. Manufacturer Information

Company Name: Shenyang Simcom Technology Ltd
Address /Post: No.37, Shenbei Rd, Shenbei New Aear, Shenyang,P.R.China
Country: China
Telephone: +86-024-88922222
Contact: Liweixing

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

3.1. About EUT

Model name	SIM800H
Marketing Name	SIM800H
GSM Frequency Band(s)	850/900/1800/1900
Extreme Temperature	-10/+55°C
Nominal Voltage	3.6V
Extreme High Voltage	3.8V
Extreme Low Voltage	4.2V

Note: Photographs of EUT are shown in ANNEX A of this test report.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
UT01a	862950020689413	V1.02	SIM800 R13.08	2014-06-03

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN
--	--	--

*AE ID: is used to identify the test sample in the lab internally.

4. Reference Documents

4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
NAPRD03	Overview of PCS Type Certification Review Board (PTCRB) Mobile Equipment Type Certification and IMEI Control	V5.19
PPMD	PTCRB Program Management Document - Process Overview of PTCRB Mobile/User Equipment Type Certification and IMEI Control	V2.12
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	V11.2.0
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	V11.2.0

5. Test Results

5.1. Different Type of GSM Test Report

- Full GSM Test Report: In this type of GSM test report, annex C contains all the testcases referred the according NAPRD03 and/or GCF-CC in section 4.2.
- Partial GSM Test Report: In this type of GSM test report, annex C contains the testcases only requested by the applicant.

5.2. Summary of Test Results

	GSM1900	GSM850	GSM900	GSM1800
Pass	5	0	0	1
Fail	0	0	0	0
Cat.E Fail	0	0	0	0
Inc	0	0	0	0
Declare	0	0	0	0
BR	0	0	0	0
total	5	0	0	1

Note: please refer to Annex C in this test report for the detailed test results.

The following terms are used in the above table.

- Pass** Amount of testcases with pass results in the given frequency band.
- Fail** Amount of testcases with fail results in the given frequency band.
- Cat.E Fail** Amount of testcases with category E fail results in the given frequency band.
- Inc** Amount of testcases with ambiguous results in the given frequency band.
- Declare** Amount of testcases with conformity declaration from the client in the given frequency band.
- BR** Amount of testcases with results inherit from basic model report.

5.3. Statements

The SIM800H, manufactured by Shenyang Simcom Technology Ltd., is a new product for conformance test.

The testcases in this partial report requested by the applicant which are listed in the annex C have been successfully performed in the mobile phone specified in section 3 of this test report according to the procedure and test methods defined in type certification requirement listed in section 4 of this test report.

6. Test Equipments Utilized

6.1. RS CRTUG

TP9-Protocol Conformance Test System-CRTUG					
Hardware					
No.	Name	Type	SN	Manufacturer	Cal.Due Date
1	Protocol Tester	CRTU-RU	100175	Rohde&Schwarz	2016-6-9
Software					
Name		Version			
ASP		V2.04, V2.50, V2.63, V3.31, V3.34, V3.44, V3.61, V4.11, V4.12, V4.13, V4.16, V4.21, V4.50, V4.51,V4.74,V4.90,V5.00,V5.10,V5.26,V5.30,V5.40,V5.50			
BP		V1.50			
EP		V3.31			
Applcomm		V3.00,V4.21, V4.30, V4.31, V4.42, V4.43, V4.45, V4.46, V4.80, V4.81, V5.10, V5.11, V5.12, V5.13, V5.14, V5.20, V5.40, V5.41, V5.53, V5.54, V6.10, V6.11, V6.12, V6.14, V6.50, V6.51, V6.52, V6.60, V6.61, V6.62, V6.70, V6.71, V6.74,V6.80,V6.83,V7.01, V7.10,V7.11,V7.12,V7.14,V7.20,V7.21,V7.23,V7.30			
MCT License Proxy		V5.63.7.83			
Hardlock		V3.36			
MDDB		V20.02.1.47,V20.03.1.59, V20.05.1.61,V20.08.1.64			
J2SE Runtime		V1.05.0.7,V6.00.220			
Tools		V5.91.6.166			
CRTKEGS-900		V3.00			
CRTKLU1		V3.10			
CRTKSS1		V2.20V2.30			
CRTKSS2		V1.90			
CRTKSS3		V1.80			
CRTKSS5		V1.90,V2.00			
CRTKSS6		V1.80			
CRTPK1		V3.20,V3.30			
CRTPK2		V3.10,V3.20			
CRTPK3		V3.21,V3.30			
CRTPK4		V3.40,V3.41			
CRTPK6		V3.03,V3.10			
CRTPK8		V3.01,V3.10			
CRTPK9		V3.20,V3.30			
CRTPKB		V3.20			
CRTU-GC02		V2.21,V2.20			
CRTU-GC03		V1.90,V1.81			
CRTU-GC04		V1.81,V1.80			

CRTU-GC05	V2.10
CRTU-GC06	V1.90,V1.80
CRTU-GC07	V1.90,V2.00
CRTU-GC08	V1.91
CRTU-GC09	V4.30,V4.40
CRTU-GC10	V1.50,V1.60
CRTU-GC12	V1.50,V1.60
CRTU-GC16	V1.60
CRTU-GC18	V4.70,V4.80
CRTU-GC19	V2.01,V2.10
CRTU-GC20	V1.80,V1.90
CRTU-GC21	V1.50
CRTU-GC22	V1.90
CRTU-GC23	V1.90
CRTU-GC24	V2.00,V2.01
CRTU-GC28	V1.40
CRTU-GC29	V1.60
CRTU-GC31	V4.60
CRTU-GC32	V4.30,V4.40
CRTU-GC33	V4.40,V4.50
CRTU-GC34	V4.80
CRTU-GC35	V4.61
CRTU-GC36	V4.60
CRTU-GC37	V4.60
CRTU-GC38	V4.40,V4.50
CRTU-GC39	V4.40,V4.50
CRTU-GC41	V4.70
CRTU-GC53	V1.50,V1.60
CRTU-GC54	V1.31
CRTU-GC56	V1.50
CRTU-GC61	V4.60
CRTU-GC62	V4.30,V4.40
CRTU-GC63	V4.40,V4.50
CRTU-GC64	V4.60,V4.70
CRTU-GC65	V4.40,V4.50
CRTU-GC68	V4.60
CRTU-GC69	V4.60,V4.61
CRTU-GC70	V4.50,V4.60
CRTU-GC71	V4.30,V4.60
CRTU-GC72	V4.40,V4.50
CRTU-GC73	V4.51,V4.52
CRTU-GC74	V4.40,V4.50
CRTU-GC75	V4.70

CRTU-GC76	V4.60
CRTU-GC77	V4.50,V4.60
CRTU-GC78	V4.30,V4.40
CRTU-GC79	V4.50
CRTU-GC80	V4.40,V4.50
CRTU-GC81	V4.60
CRTU-GC82	V4.30,V4.40
CRTU-GC83	V4.40,V4.50
CRTU-GC84	V4.60,V4.70
CRTU-GC85	V4.60,V4.70
CRTU-GC86	V4.40,V4.50
CRTU-GC87	V4.60
CRTU-GC88	V4.60
CRTU-GC89	V4.50
CRTU-GC90	V4.72
CRTU-GC91	V4.30,V4.40
CRTU-GF02	V1.20
CU-GC01	V2.20

6.2. RS TS8950G

TP5 RS TS8950G-GSM/GPRS/AMR/EGPRS/DARP RF test system					
Hardware					
No.	Name	Type	SN	Manufacturer	Cal.Due Date
1	Power Sensor	NRV-Z1	100203	Rohde&Schwarz	2015-2-20
2	Power Sensor	NRV-Z1	100490	Rohde&Schwarz	2015-2-20
3	Spectrum Analyzer	FSU26	200684	Rohde&Schwarz	2015-2-20
4	Signal Generator	SMP02	100361	Rohde&Schwarz	2015-2-16
5	Vector Signal Generator	SMU200A	103179	Rohde&Schwarz	2015-2-16
6	Vector Signal Generator	SMU200A	103178	Rohde&Schwarz	2015-2-16
7	Protocol Slave	CRTU-S	100382	Rohde&Schwarz	2015-3-1
8	Universal Radio Communication Tester	CRTU-RU	100742	Rohde&Schwarz	2015-3-1
9	Baseband Fading Simulator	ABFS	100273	Rohde&Schwarz	2015-2-20
10	Power Supply	NGSM32/10	100287	Rohde&Schwarz	2015-2-20
11	Advanced Switching Control Unit	ASCU850	100084	Rohde&Schwarz	n/a
12	Advanced Switching Control Unit	ASCU900	100090	Rohde&Schwarz	n/a
13	Advanced Switching Control Unit	ASCU1800	100089	Rohde&Schwarz	n/a

14	Advanced Switching Control Unit	ASCU1900	100091	Rohde&Schwarz	n/a
15	CS-HUB Ethernet Hub/Optical Output	CS-HUB	100053	Rohde&Schwarz	n/a
16	Switching and Signal Conditioning Unit	SSCU-GW04	100047	Rohde&Schwarz	n/a
17	System control computer	PSL3	100127	Rohde&Schwarz	n/a
18	rubidium frequency standard	8040B	0447012645	Symmetricom	2015-2-19
19	RF distribution	6502B	0442012557	Symmetricom	n/a

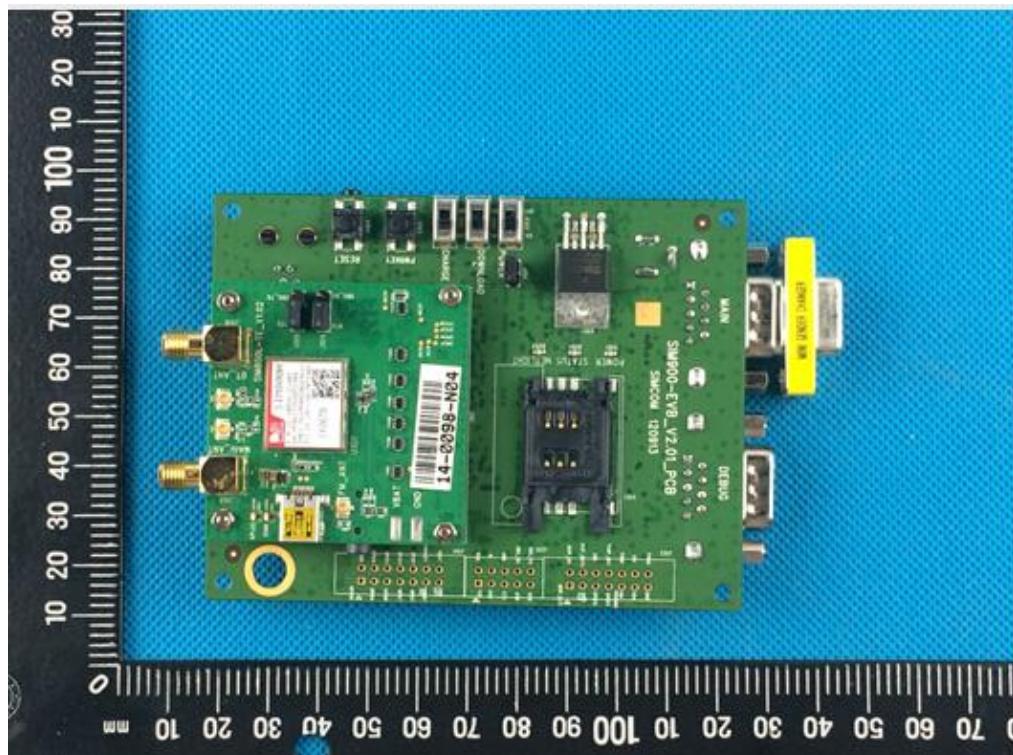
Software

Name	Version
FSU K5	V5.01, V5.02, V5.03-Patch03, V5.04, V5.05, V5.05-patch04, V5.12, V5.13, V5.14-patch01, V5.15-patch02, V5.16, V5.17; V5.20; V5.20-Patch01 V5.21; V5.22; V5.23; V5.24; V5.25; V5.26;
RS-PASS COMMON	V10.51.10.00
CRTU-G/S OPSW	MOPSI OP-SW

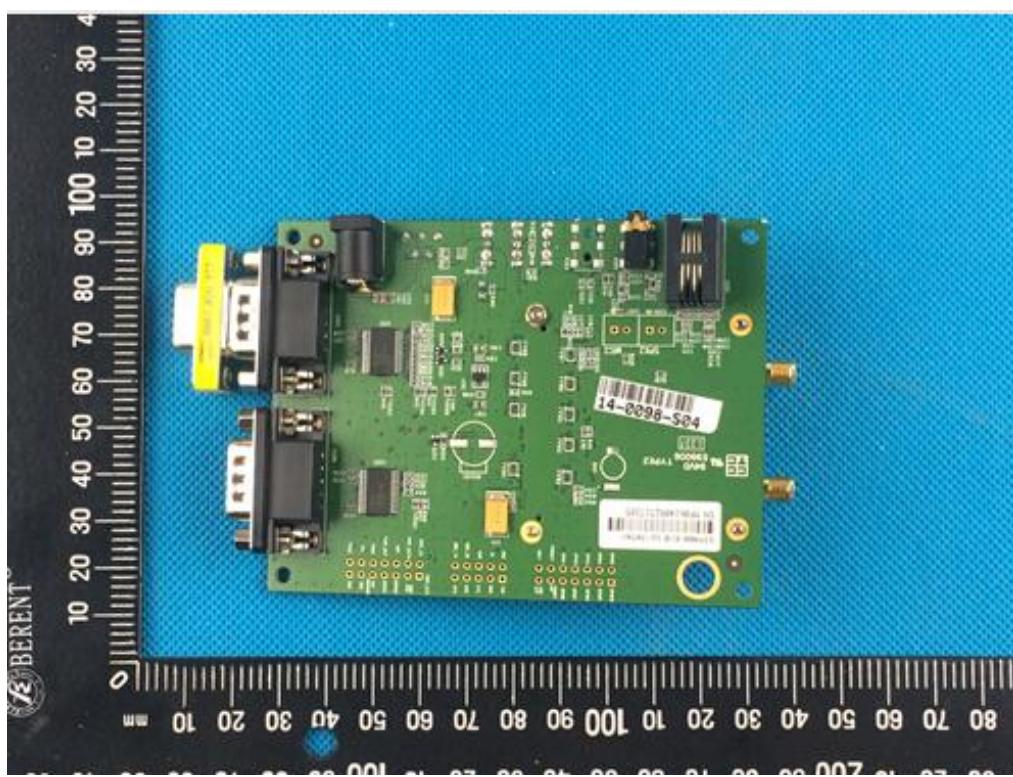
CRTU-G RF-LIB	10.51; V5.01-Patch01; V5.02-Patch02; V5.03-Patch01; V5.04; V5.05-Patch01; V5.05-Patch02; V5.12-Patch02; V5.13; V5.14; V5.15; V5.16; V5.17; V5.20-Patch01; V5.21; V5.22; V5.23; V5.24; V5.25; V5.26; V5.XX-CRTUG-Patch01; V5.0X & 5.12 Patch; V5.0X & 5.1X Patch Fill Bits; RFLIB_Msg_for_R7_Mobiles Patch01
FSU K5	V4.30

7. Measurement Uncertainty

Measurement uncertainty for all the testing in this report are within the limit specified in 3GPP TS 51.010-1 Annex 5 for GSM and 3GPP TS 34.121-1 Annex F for WCDMA. The detailed measurement uncertainty is defined in TMC documents.

ANNEX A: EUT photograph

Pic A-1 EUT front view



Pic A-2 EUT rear view

ANNEX B.1: PICS/PIXIT information

Designation	Description	Supported Values	Allowed Values
34123_A.15/2	FDD: Frequency band: 1 920-1 980, 2 110-2 170 MHz	no	yes no
34123_A.15/3	FDD: Frequency band: 1 850-1 910, 1 930-1 990 MHz	no	yes no
34123_A.15/15	FDD: Frequency band: 1710-1755, 2110-2155 MHz	no	yes no
34123_A.15/16	FDD: Frequency band: 824 - 849, 869-894 MHz	no	yes no
34123_A.15/19	Frequency band: 880-915, 925-960 MHz	no	yes no
A	Feature "A" is used for "applicability" that is referenced in 51.010-2 for many test cases. You will find the description in Annex B of this specification.	no	yes no
A.1/1	Standard GSM Band (P-GSM)	no	yes no
A.1/2	Extended GSM Band (E-GSM), (including standard Band)	yes	yes no
A.1/3	R-GSM Band (including standard and E-GSM Band)	no	yes no
A.1/4	DCS 1800 band	yes	yes no
A.1/5	Multiple-band, not simultaneously	no	yes no
A.1/6	Multiple-band, simultaneously	yes	yes no
A.1/7	Small Mobile Station	yes	yes no
A.1/8	GSM Power Class 2	no	yes no
A.1/9	GSM Power Class 3	no	yes no
A.1/10	GSM Power Class 4	yes	yes no
A.1/11	GSM Power Class 5	no	yes no
A.1/12	DCS Power Class 1	yes	yes no
A.1/13	DCS Power Class 2	no	yes no
A.1/14	DCS Power Class 3	no	yes no

A.1/15	HSCSD Multislot MS	no	yes no
A.1/16	GSM 450 band	no	yes no
A.1/17	GSM 480 band	no	yes no
A.1/18	PCS 1900 band	yes	yes no
A.1/19	PCS Power Class 1	yes	yes no
A.1/20	PCS Power Class 2	no	yes no
A.1/21	PCS Power Class 3	no	yes no
A.1/22	Multislot Class1	no	yes no
A.1/23	Multislot Class2	no	yes no
A.1/24	Multislot Class3	no	yes no
A.1/25	Multislot Class4	no	yes no
A.1/26	Multislot Class5	no	yes no
A.1/27	Multislot Class6	no	yes no
A.1/28	Multislot Class7	no	yes no
A.1/29	Multislot Class8	no	yes no
A.1/30	Multislot Class9	no	yes no
A.1/31	Multislot Class10	no	yes no
A.1/32	Multislot Class11	no	yes no
A.1/33	Multislot Class12	no	yes no
A.1/34	Multislot Class13	no	yes no
A.1/35	Multislot Class14	no	yes no
A.1/36	Multislot Class15	no	yes no
A.1/37	Multislot Class16	no	yes no
A.1/38	Multislot Class17	no	yes no
A.1/39	Multislot Class18	no	yes no
A.1/40	Multislot Class19	no	yes no
A.1/41	Multislot Class20	no	yes no
A.1/42	Multislot Class21	no	yes no
A.1/43	Multislot Class22	no	yes no

A.1/44	Multislot Class23	no	yes no
A.1/45	Multislot Class24	no	yes no
A.1/46	Multislot Class25	no	yes no
A.1/47	Multislot Class26	no	yes no
A.1/48	Multislot Class27	no	yes no
A.1/49	Multislot Class28	no	yes no
A.1/50	Multislot Class29	no	yes no
A.1/51	GPRS Multislot operation	yes	yes no
A.1/52	EGPRS capable of 8PSK in Uplink, of all Multislot Classes	no	yes no
A.1/53	GSM 700 band	no	yes no
A.1/54	GSM 750 band	no	yes no
A.1/55	GSM 850 band	yes	yes no
A.1/56	Support of UTRAN Radio Access Technology	no	yes no
A.1/57	Support of GPRS Multislot class on the uplink	yes	yes no
A.1/58	Support of COMPACT	no	yes no
A.1/59	DTM/GPRS Multislot Class 1	no	yes no
A.1/60	DTM/GPRS Multislot Class 5	no	yes no
A.1/61	DTM/GPRS Multislot Class 9	no	yes no
A.1/62	Support of singleslot allocation in DTM/GPRS	no	yes no
A.1/63	Support of UTRAN FDD	no	yes no
A.1/64	Support of UTRAN TDD	no	yes no
A.1/65	Support of Conventional GPS	no	yes no
A.1/66	EGPRS Multislot operation	no	yes no
A.1/67	GPRS Multislot Class1	no	yes no
A.1/68	GPRS Multislot Class2	no	yes no
A.1/69	GPRS Multislot Class3	no	yes no
A.1/70	GPRS Multislot Class4	no	yes no
A.1/71	GPRS Multislot Class5	no	yes no
A.1/72	GPRS Multislot Class6	no	yes no
A.1/73	GPRS Multislot Class7	no	yes no
A.1/74	GPRS Multislot Class8	no	yes no
A.1/75	GPRS Multislot Class9	no	yes no

A.1/76	GPRS Multislot Class10	no	yes no
A.1/77	GPRS Multislot Class11	no	yes no
A.1/78	GPRS Multislot Class12	yes	yes no
A.1/79	GPRS Multislot Class13	no	yes no
A.1/80	GPRS Multislot Class14	no	yes no
A.1/81	GPRS Multislot Class15	no	yes no
A.1/82	GPRS Multislot Class16	no	yes no
A.1/83	GPRS Multislot Class17	no	yes no
A.1/84	GPRS Multislot Class18	no	yes no
A.1/85	GPRS Multislot Class19	no	yes no
A.1/86	GPRS Multislot Class20	no	yes no
A.1/87	GPRS Multislot Class21	no	yes no
A.1/88	GPRS Multislot Class22	no	yes no
A.1/89	GPRS Multislot Class23	no	yes no
A.1/90	GPRS Multislot Class24	no	yes no
A.1/91	GPRS Multislot Class25	no	yes no
A.1/92	GPRS Multislot Class26	no	yes no
A.1/93	GPRS Multislot Class27	no	yes no
A.1/94	GPRS Multislot Class28	no	yes no
A.1/95	GPRS Multislot Class29	no	yes no
A.1/96	EGPRS Multislot Class1	no	yes no
A.1/97	EGPRS Multislot Class2	no	yes no
A.1/98	EGPRS Multislot Class3	no	yes no
A.1/99	EGPRS Multislot Class4	no	yes no
A.1/100	EGPRS Multislot Class5	no	yes no
A.1/101	EGPRS Multislot Class6	no	yes no
A.1/102	EGPRS Multislot Class7	no	yes no
A.1/103	EGPRS Multislot Class8	no	yes no
A.1/104	EGPRS Multislot Class9	no	yes no
A.1/105	EGPRS Multislot Class10	no	yes no
A.1/106	EGPRS Multislot Class11	no	yes no
A.1/107	EGPRS Multislot Class12	no	yes no

A.1/108	EGPRS Multislot Class13	no	yes no
A.1/109	EGPRS Multislot Class14	no	yes no
A.1/110	EGPRS Multislot Class15	no	yes no
A.1/111	EGPRS Multislot Class16	no	yes no
A.1/112	EGPRS Multislot Class17	no	yes no
A.1/113	EGPRS Multislot Class18	no	yes no
A.1/114	EGPRS Multislot Class19	no	yes no
A.1/115	EGPRS Multislot Class20	no	yes no
A.1/116	EGPRS Multislot Class21	no	yes no
A.1/117	EGPRS Multislot Class22	no	yes no
A.1/118	EGPRS Multislot Class23	no	yes no
A.1/119	EGPRS Multislot Class24	no	yes no
A.1/120	EGPRS Multislot Class25	no	yes no
A.1/121	EGPRS Multislot Class26	no	yes no
A.1/122	EGPRS Multislot Class27	no	yes no
A.1/123	EGPRS Multislot Class28	no	yes no
A.1/124	EGPRS Multislot Class29	no	yes no
A.1/125	GSM 850 Power Class 2	no	yes no
A.1/126	GSM 850 Power Class 3	no	yes no
A.1/127	GSM 850 Power Class 4	yes	yes no
A.1/128	GSM 850 Power Class 5	no	yes no
A.1/129	8-PSK GSM Power Class E1	no	yes no
A.1/130	8-PSK GSM Power Class E2	yes	yes no
A.1/131	8-PSK GSM Power Class E3	no	yes no
A.1/132	8-PSK DCS Power Class E1	no	yes no
A.1/133	8-PSK DCS Power Class E2	yes	yes no
A.1/134	8-PSK DCS Power Class E3	no	yes no
A.1/135	8-PSK PCS Power Class E1	no	yes no
A.1/136	8-PSK PCS Power Class E2	yes	yes no
A.1/137	8-PSK PCS Power Class E3	no	yes no
A.1/138	8-PSK GSM 850 Power Class E1	no	yes no
A.1/139	8-PSK GSM 850 Power Class E2	yes	yes no

A.1/140	8-PSK GSM 850 Power Class E3	no	yes no
A.1/141	GSM850 and GSM1800 Band Interworking	yes	yes no
A.1/142	GSM900 and GSM1900 Band Interworking	yes	yes no
A.1/143	GSM850 and GSM900 Band Interworking	yes	yes no
A.1/144	DTM/EGPRS Multislot Class 1	no	yes no
A.1/145	DTM/EGPRS Multislot Class 5	no	yes no
A.1/146	DTM/EGPRS Multislot Class 9	no	yes no
A.1/147	Support of singleslot allocation in DTM/EGPRS	no	yes no
A.1/148	DTM/GPRS Multislot Class 11	no	yes no
A.1/149	GPRS Multislot Class30	no	yes no
A.1/150	GPRS Multislot Class31	no	yes no
A.1/151	GPRS Multislot Class32	no	yes no
A.1/152	GPRS Multislot Class33	no	yes no
A.1/153	GPRS Multislot Class34	no	yes no
A.1/154	GPRS Multislot Class35	no	yes no
A.1/155	GPRS Multislot Class36	no	yes no
A.1/156	GPRS Multislot Class37	no	yes no
A.1/157	GPRS Multislot Class38	no	yes no
A.1/158	GPRS Multislot Class39	no	yes no
A.1/159	GPRS Multislot Class40	no	yes no
A.1/160	GPRS Multislot Class41	no	yes no
A.1/161	GPRS Multislot Class42	no	yes no
A.1/162	GPRS Multislot Class43	no	yes no
A.1/163	GPRS Multislot Class44	no	yes no
A.1/164	GPRS Multislot Class45	no	yes no
A.1/165	EGPRS Multislot Class30	no	yes no
A.1/166	EGPRS Multislot Class31	no	yes no
A.1/167	EGPRS Multislot Class32	no	yes no
A.1/168	EGPRS Multislot Class33	no	yes no
A.1/169	EGPRS Multislot Class34	no	yes no
A.1/170	EGPRS Multislot Class35	no	yes no
A.1/171	EGPRS Multislot Class36	no	yes no

A.1/172	EGPRS Multislot Class37	no	yes no
A.1/173	EGPRS Multislot Class38	no	yes no
A.1/174	EGPRS Multislot Class39	no	yes no
A.1/175	EGPRS Multislot Class40	no	yes no
A.1/176	EGPRS Multislot Class41	no	yes no
A.1/177	EGPRS Multislot Class42	no	yes no
A.1/178	EGPRS Multislot Class43	no	yes no
A.1/179	EGPRS Multislot Class44	no	yes no
A.1/180	EGPRS Multislot Class45	no	yes no
A.1/182	GSM 710 band	no	yes no
A.1/183	T GSM 810 band	no	yes no
A.1/184	DTM/EGPRS Multislot Class 11	no	yes no
A.1/185	T-GSM 380 band	no	yes no
A.1/186	T-GSM 410 band	no	yes no
A.1/187	T-GSM 900 band	no	yes no
A.1/188	EGPRS Multislot Operation in Uplink Direction	no	yes no
A.1/189	GMSK_MULTISLOT_POWER_PROFILE 0	yes	yes no
A.1/190	GMSK_MULTISLOT_POWER_PROFILE 1	no	yes no
A.1/191	GMSK_MULTISLOT_POWER_PROFILE 2	no	yes no
A.1/192	GMSK_MULTISLOT_POWER_PROFILE 3	no	yes no
A.1/193	8-PSK_MULTISLOT_POWER_PROFILE 0	yes	yes no
A.1/194	8-PSK_MULTISLOT_POWER_PROFILE 1	no	yes no
A.1/195	8-PSK_MULTISLOT_POWER_PROFILE 2	no	yes no
A.1/196	8-PSK_MULTISLOT_POWER_PROFILE 3	no	yes no
A.1/197	Multislot Capability Reduction for Downlink Dual Carrier of 0 or 1 Timeslots	no	yes no
A.1/198	Multislot Capability Reduction for Downlink Dual Carrier of 2 or more Timeslots	no	yes no
A.1/199	Support of 16 QAM in the Uplink	no	yes no

A.1/200	Revision Level GSM Phase 1	no	yes no
A.1/201	Revision Level GSM Phase 2	no	yes no
A.1/202	Revision Level MS supporting R99 or later	yes	yes no
A.1/203	8-PSK struct	no	yes no
A.1/204	8-PSK RF Power Capability 1	no	yes no
A.1/205	8-PSK RF Power Capability 2	no	yes no
A.1/206	GSM 400 Power Class2	no	yes no
A.1/207	GSM 400 Power Class3	no	yes no
A.1/208	GSM 400 Power Class4	no	yes no
A.1/209	GSM 400 Power Class5	no	yes no
A.1/210	UMTS 3.84 Mcps TDD Radio Access Technology Capability	no	yes no
A.1/211	CDMA 2000 Radio Access Technology Capability	no	yes no
A.1/212	Single Band Support	no	yes no
A.1/213	GSM 750 Power Class2	no	yes no
A.1/214	GSM 750 Power Class3	no	yes no
A.1/215	GSM 750 Power Class4	no	yes no
A.1/216	GSM 750 Power Class5	no	yes no
A.1/217	UMTS 1.28 Mcps TDD Radio Access Technology Capability	no	yes no
A.1/218	GERAN Iu Mode Capabilities	no	yes no
A.1/219	TSPC_FLO_Iu_Capability	no	yes no
A.1/220	GSM 710 Power Class2	no	yes no
A.1/221	GSM 710 Power Class3	no	yes no
A.1/222	GSM 710 Power Class4	no	yes no
A.1/223	GSM 710 Power Class5	no	yes no
A.1/224	E-UTRA FDD support	no	yes no
A.1/225	E-UTRA TDD support	no	yes no
A.1/226	ECSD Multi Slot class	no	yes no
A.1/227	T-GSM 400 Class2	no	yes no

A.1/228	T-GSM 400 Class3	no	yes no
A.1/229	T-GSM 400 Class4	no	yes no
A.1/230	T-GSM 400 Class5	no	yes no
A.1/231	T-GSM 810 Class2	no	yes no
A.1/232	T-GSM 810 Class3	no	yes no
A.1/233	T-GSM 810 Class4	no	yes no
A.1/234	T-GSM 810 Class5	no	yes no
A.1/235	DTM GPRS Multislot Class 31	no	yes no
A.1/236	DTM GPRS Multislot Class 32	no	yes no
A.1/237	DTM GPRS Multislot Class 33	no	yes no
A.1/238	DTM GPRS Multislot Class 34	no	yes no
A.1/239	DTM GPRS Multislot Class 35	no	yes no
A.1/240	DTM GPRS Multislot Class 36	no	yes no
A.1/241	DTM GPRS Multislot Class 37	no	yes no
A.1/242	DTM GPRS Multislot Class 38	no	yes no
A.1/243	DTM GPRS Multislot Class 39	no	yes no
A.1/244	DTM GPRS Multislot Class 40	no	yes no
A.1/245	DTM GPRS Multislot Class 41	no	yes no
A.1/246	DTM GPRS Multislot Class 42	no	yes no
A.1/247	DTM GPRS Multislot Class 43	no	yes no
A.1/248	DTM GPRS Multislot Class 44	no	yes no
A.1/249	DTM EGPRS Multislot Class 31	no	yes no
A.1/250	DTM EGPRS Multislot Class 32	no	yes no
A.1/251	DTM EGPRS Multislot Class 33	no	yes no
A.1/252	DTM EGPRS Multislot Class 34	no	yes no
A.1/253	DTM EGPRS Multislot Class 35	no	yes no
A.1/254	DTM EGPRS Multislot Class 36	no	yes no
A.1/255	DTM EGPRS Multislot Class 37	no	yes no
A.1/256	DTM EGPRS Multislot Class 38	no	yes no
A.1/257	DTM GPRS Multislot Class 6	no	yes no
A.1/258	DTM GPRS Multislot Class 10	no	yes no
A.1/259	DTM EGPRS Multislot Class10	no	yes no

A.1/260	Support of 32 QAM in the Uplink	no	yes no
A.1/261	DTM EGPRS Multislot Class 41	no	yes no
A.1/262	DTM EGPRS Multislot Class 42	no	yes no
A.1/263	DTM EGPRS Multislot Class 43	no	yes no
A.1/264	DTM EGPRS Multislot Class 44	no	yes no
A.1/265	Void		yes no
A.1/266	Void		yes no
A.1/267	Void		yes no
A.1/268	Void		yes no
A.1/269	Void		yes no
A.1/270	Void		yes no
A.1/271	Void		yes no
A.1/272	Void		yes no
A.1/273	Void		yes no
A.1/274	Void		yes no
A.1/275	Void		yes no
A.1/276	EFTA Alternative multislot Class 1	no	yes no
A.1/277	EFTA Alternative multislot Class 2	no	yes no
A.1/278	EFTA Alternative multislot Class 3	no	yes no
A.1/279	DTM EGPRS capable of 8PSK in Uplink, of all Multislot classes	no	yes no
A.1/280	ECSD capable of 8PSK in Uplink, of all Multislot classes	no	yes no
A.1b/1	Release of GPRS supported	Release 4	Release 8 Release 4 Release 7 Release 5 Release 9 R98 Release 6 R99 Release 10 R97 Release 11
A.1b/2	Release of AMR supported	Release 5	Release 10 R98 Release 4 Release 8 Release 5 Release 7 Release 11 Release 9 Release 6 R99

A.1b/3	Release of EGPRS supported	Release 6	Release 9 Release 4 Release 5 Release 11 Release 10 R99 Release 8 Release 6 Release 7
A.1b/4	Release of RRLP supported.		Release 11 Release 6 R98 Release 9 Release 5 Release 4 Release 10 Release 7 Release 8 R99
A.1b/5	Release of Higher Layer supported.	R99	Release 4 Release 10 Release 8 R97 Release 5 R98 Release 6 Release 9 R99 Release 11 Release 7
A.1b/6	Release of Acoustic implementation supported.	Release 4	Release 5 Release 10 Release 6 Release 11 Release 7 Release 4 Release 9 Release 8
A.2/1	Display of Called Number.	yes	yes no
A.2/2	Indication of Call Progress Signals.	yes	yes no
A.2/3	Country / PLMN Indication.	yes	yes no
A.2/4	Country / PLMN Selection.	yes	yes no
A.2/5	Keypad.	yes	yes no
A.2/6	IMEI.	yes	yes no
A.2/7	Short Message Overflow Indication.	yes	yes no
A.2/8	DTE /DCE Interface.	yes	yes no
A.2/9	ISDN (S) Interface.	no	yes no
A.2/10	International Access Function.	yes	yes no
A.2/11	Service Indicator.	yes	yes no

A.2/12	Autocalling restriction capabilities.	yes	yes no
A.2/13	Dual Tone Multi Frequency function.	yes	yes no
A.2/14	Subscription Identity Management.	yes	yes no
A.2/15	On / Off switch.	yes	yes no
A.2/16	Subaddress.	no	yes no
A.2/17	Support of Encryption A5/1.	yes	yes no
A.2/19	Short Message Service Cell Broadcast DRX.	yes	yes no
A.2/20	Abbreviated Dialling.	yes	yes no
A.2/21	Fixed Dialling Number	yes	yes no
A.2/22	Barring of Outgoing Calls.	yes	yes no
A.2/23	DTMF Control Digits Separator.	yes	yes no
A.2/24	Selection of Directory No in Short Messages.	yes	yes no
A.2/25	Last Numbers Dialled.	yes	yes no
A.2/26	At least one autocalling feature.	yes	yes no
A.2/27	Alphanumeric display.	yes	yes no
A.2/28	Other means of display.	yes	yes no
A.2/29	Speech indicator.	no	yes no
A.2/30	Support of the extended Short message cell broadcast channel	yes	yes no
A.2/31	Support of Additional Call Set-up MMI Procedures	yes	yes no
A.2/33	Ciphering Indicator	yes	yes no
A.2/34	Network's indication of alerting in the MS \$(NI Alert in MS)\$	no	yes no
A.2/35	ME-SIM lock	yes	yes no
A.2/36	Service Dialling Numbers	yes	yes no
A.2/37	Extended timing advance	no	yes no
A.2/38	Support of SoLSA	no	yes no
A.2/39	Audible Indication of Service Tones	no	yes no
A.2/40	Autocalling_Cause 27 Implemented in Cat 3	yes	yes no
A.2/41	Support of GPRS	yes	yes no
A.2/42	Support of EGPRS	no	yes no
A.2/43	Support of GPRS Encryption	yes	yes no
A.2/44	Control of Supplementary Services	yes	yes no
A.2/45	Short message	yes	yes no
A.2/46	Emergency calls capabilities	yes	yes no
A.2/47	GPRS operation mode class A	no	yes no

A.2/48	GPRS operation mode class B	yes	yes no
A.2/49	GPRS operation mode class C	no	yes no
A.2/50	MS supporting SMS over GPRS	yes	yes no
A.2/53	Support of ECSD	no	yes no
A.2/54	GPRS test mode A	yes	yes no
A.2/55	GPRS test mode B	yes	yes no
A.2/56	EGPRS test mode	no	yes no
A.2/57	Support of MS-Assisted E-OTD	no	yes no
A.2/58	Non-zero value of Non_DRX_Timer	yes	yes no
A.2/59	Support of MS-Based A-GPS L1 C/A	no	yes no
A.2/60	Support of MS-Assisted A-GPS L1 C/A	no	yes no
A.2/61	Void		yes no
A.2/62	Support of DTM/GPRS	no	yes no
A.2/63	Support MS Assisted EOTD Performance for GMSK	no	yes no
A.2/64	Support MS Assisted EOTD Performance for 8PSK	no	yes no
A.2/65	Support of EGPRS Packet Access enhancement	no	yes no
A.2/67	Support of MT SMS over GPRS	yes	yes no
A.2/69	Support of DTM/EGPRS	no	yes no
A.2/70	Support of Extended dynamic allocation	yes	yes no
A.2/71	Support of GAN	no	yes no
A.2/72	Support of GERAN FEATURE PACKAGE 1	yes	yes no
A.2/73	Support of Encryption A5/3	yes	yes no
A.2/74	Support of Fine Time Assistance	yes	yes no
A.2/75	Support of Encryption GEA2	yes	yes no
A.2/76	Support of Encryption GEA3	yes	yes no
A.2/77	Use of R99 Emergency numbers	yes	yes no
A.2/78	Support of GERAN FEATURE PACKAGE 2	no	yes no
A.2/79	Support of GAN to UTRAN CS Handover	no	yes no
A.2/80	Support of UTRAN to GAN CS Handover	no	yes no
A.2/81	Support of Enhanced DTM CS	no	yes no
A.2/82	Support of PS Handover	no	yes no
A.2/83	Support of simultaneous CS and PS services in GAN	no	yes no

A.2/84	Support of Latency reductions	no	yes no
A.2/85	Support of Downlink Dual Carrier	no	yes no
A.2/86	Support of UEA2 and UIA2	no	yes no
A.2/87	Support of Encryption A5/4	no	yes no
A.2/88	Support of Encryption GEA4	no	yes no
A.2/89	Support of EGPRS2A	no	yes no
A.2/90	Support of EGPRS2B	no	yes no
A.2/91	eCall only equipment	no	yes no
A.2/92	eCall Support on MS	no	yes no
A.2/93	Support of DTM during Downlink Dual Carrier	no	yes no
A.2/94	Support of MS-Based A-GANSS	no	yes no
A.2/95	Support of MS-Assisted A-GANSS	no	yes no
A.2/96	Support for GLONASS	no	yes no
A.2/97	Support for Modernized GPS	no	yes no
A.2/98	Support for Galileo	no	yes no
A.2/99	Support of CS domain in GAN lu mode	no	yes no
A.2/100	Support of PS domain in GAN lu mode	no	yes no
A.2/101	Support of GAN lu mode	no	yes no
A.2/102	Support of MS-Based E-OTD	no	yes no
A.2/103	Additional Positioning Capabilities	no	yes no
A.2/104	Ciphering Mode Setting Capability	no	yes no
A.2/105	Support of PS Handover to GAN	no	yes no
A.2/106	Support of Multiple TBFs	no	yes no
A.2/107	Void		yes no
A.2/108	Support of Extended RLC/MAC control message segmentation	no	yes no
A.2/109	Support of DTM Handover	no	yes no
A.2/110	Support of Flexible Timeslot Assignment	no	yes no
A.2/111	Support of RLC Non-persistent Mode	no	yes no
A.2/112	Support of E-UTRA CCN	no	yes no
A.2/113	Support of PS Handover to E-UTRA	no	yes no
A.2/114	Support of EGPRS2A Uplink	no	yes no
A.2/115	Support of EGPRS2A Downlink	no	yes no
A.2/116	Support of EGPRS2B Uplink	no	yes no
A.2/117	Support of EGPRS2B Downlink	no	yes no

A.2/118	Support of Indication of Upper Layer PDU Start Capability for RLC UM	no	yes no
A.2/119	Support of Enhanced Multiplexing for Single TBF	no	yes no
A.2/120	Support of Multiple TTI configurations	no	yes no
A.2/121	Support of VAMOS Type 1	no	yes no
A.2/122	Support of VAMOS Type 2	no	yes no
A.2/123	Support of EFTA	no	yes no
A.2/124	Support of Fast Downlink Frequency Switching Capability	no	yes no
A.2/125	eCall Only subscription support	no	yes no
A.2/126	Support of TIGHTER for speech and signalling channels	no	yes no
A.2/127	Support of TIGHTER for GPRS and EGPRS	no	yes no
A.2/128	Support of TIGHTER for EGPRS2	no	yes no
A.2/129	Support of DTR	no	yes no
A.2/130	Support of FANR capability	no	yes no
A.2/131	Support of Selective Ciphering of Downlink SACCH	no	yes no
A.2/132	Support of Priority based Reselection	no	yes no
A.2/133	Support of UTRA CSG Cells Reporting	no	yes no
A.2/134	Support of IPA capability	no	yes no
A.2/135	Support of Encryption GEA1	no	yes no
A.2/136	Support of Low Access Priority and Extended Access Barring	no	yes no
A.2/137	Support of MinimumPeriodicSearchTimer	no	yes no
A.2/138	Support of NMO_I_Behaviour	no	yes no
A.2/139	Support of AttachWithIMSI	no	yes no
A.2/140	Supports timer T3312 extended value	no	yes no
A.3/1	Telephony.	yes	yes no
A.3/2	Emergency Call.	yes	yes no
A.3/3	Short Message MT/PP.	yes	yes no
A.3/4	Short Message MO/PP.	yes	yes no
A.3/5	SMS Cell Broadcast.	yes	yes no
A.3/6	Teleservice Alternate Speech and G3 fax.	no	yes no
A.3/7	Teleservice Automatic G3 fax.	no	yes no
A.3/8	Voice Group Call Service (VGCS)	no	yes no
A.3/9	Voice Broadcast Service (VBS)	no	yes no

A.3/10	SMS description	yes	yes no
A.4/1	Data circuit duplex async. 300 bit/s.	no	yes no
A.4/2	Data circuit duplex async. 1 200 bit/s.	no	yes no
A.4/3	Data circuit duplex async. 1 200/75 bit/s.	no	yes no
A.4/4	Data circuit duplex async. 2 400 bit/s.	no	yes no
A.4/5	Data circuit duplex async. 4 800 bit/s.	no	yes no
A.4/6	Data circuit duplex async. 9 600 bit/s.	no	yes no
A.4/7	Data circuit duplex sync. 1 200 bit/s.	no	yes no
A.4/8	Data circuit duplex sync. 2 400 bit/s.	no	yes no
A.4/9	Data circuit duplex sync. 4 800 bit/s.	no	yes no
A.4/10	Data circuit duplex sync. 9 600 bit/s.	no	yes no
A.4/11	PAD Access 300 bit/s.	no	yes no
A.4/12	PAD Access 1 200 bit/s.	no	yes no
A.4/13	PAD Access 1 200/75 bits/s.	no	yes no
A.4/14	PAD Access 2 400 bit/s.	no	yes no
A.4/15	PAD Access 4 800 bit/s.	no	yes no
A.4/16	PAD Access 9 600 bit/s.	no	yes no
A.4/17	Packet Access 2 400 bit/s.	no	yes no
A.4/18	Packet Access 4 800 bit/s.	no	yes no
A.4/19	Packet Access 9 600 bit/s.	no	yes no
A.4/20	Alternate Speech/Data.	no	yes no
A.4/21	Speech Followed by Data.	no	yes no
A.4/22	GPRS	yes	yes no
A.4/23	Bluetooth data rate	no	yes no
A.4/24	WLAN data rate	no	yes no
A.5/1	Calling Line Identification Presentation.	yes	yes no
A.5/2	Calling Line Identification Restriction.	yes	yes no
A.5/3	Connected Line Identification Presentation.	yes	yes no
A.5/4	Connected Line Identification Restriction.	yes	yes no
A.5/5	Call Forwarding Unconditional.	yes	yes no

A.5/6	Call Forwarding on Mobile Subscriber Busy.	yes	yes no
A.5/7	Call Forwarding on No Reply.	yes	yes no
A.5/8	Call Forwarding on Mobile Subscriber Not Reachable.	yes	yes no
A.5/9	Call Waiting.	yes	yes no
A.5/10	Call Hold.	yes	yes no
A.5/11	Multi Party Service.	yes	yes no
A.5/12	Closed User Group.	no	yes no
A.5/13	Advice of Charge (Information).	yes	yes no
A.5/14	Advice of Charge (Charging).	yes	yes no
A.5/15	Barring of All Outgoing Calls.	yes	yes no
A.5/16	Barring of Outgoing International Calls.	yes	yes no
A.5/17	Barring of Outgoing International Calls except those directed to the Home PLMN Country.	yes	yes no
A.5/18	Barring of All Incoming Calls.	yes	yes no
A.5/19	Barring of Incoming Calls when Roaming Outside the Home PLMN Country.	yes	yes no
A.5/20	Unstructured SS Data.	yes	yes no
A.5/21	enhanced Multi-Level Precedence and Pre-emption service (eMLPP)	no	yes no
A.5/22	Call Deflection	yes	yes no
A.5/23	User-to-User signalling	no	yes no
A.5/24	Explicit Call Transfer	no	yes no
A.5/25	Implicit UUS1	no	yes no
A.5/26	Sending of implicit UUS1 in the ALERTING message	no	yes no

A.5/27	Sending of implicit UUS1 in the CONNECT message	no	yes no
A.5/28	Follow Me	no	yes no
A.5/29	User-to-Dispatcher Information	no	yes no
A.5/30	Compressed User-to-Dispatcher	no	yes no
A.5/31	Completion of Calls to Busy SS	yes	yes no
A.5/32	Completion of Calls to Busy Requests	yes	yes no
A.5/33	Support of Private Numbering Plan SS	no	yes no
A.5/34	Support of Private Numbering Plan , Numbering Plans	no	yes no
A.5/35	Name Identification SS	yes	yes no
A.5/37	Support of MO-LR request for a position estimate	no	yes no
A.5/38	Support of MO-LR request for transfer to 3rd party	no	yes no
A.5/39	Support of MT-LR LCS Privacy and Notification	no	yes no
A.5/40	Support of MO-LR request for assistance data	no	yes no
A.6/1	Bearer Service 21(20) .. 26, unrestricted digital information transfer capability.	no	yes no
A.6/2	Bearer Service 21(20) .. 26, 3.1 kHz audio ex-PLMN information transfer capability.	no	yes no
A.6/3	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; Non-X.32 Cases (BS 31 .. BS 34).	no	yes no
A.6/4	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; X.32 Cases.	no	yes no
A.6/5	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; Non-X.32 Cases.	no	yes no
A.6/6	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; X.32 Cases.	no	yes no
A.6/7	Bearer Service 41(40)..46, PAD Access Asynchronous.	no	yes no
A.6/8	Bearer Service 51(50)..53, Data Packet Duplex Synchronous.	no	yes no

A.6/9	Bearer Service 61, Alternate Speech/Data, "Speech".	no	yes no
A.6/10	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous.	no	yes no
A.6/11	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous.	no	yes no
A.6/12	Bearer Service 81, Speech followed by Data, "Speech".	no	yes no
A.6/13	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous.	no	yes no
A.6/14	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous.	no	yes no
A.6/15	Teleservice 11..12, Speech.	yes	yes no
A.6/16	Teleservice 61, Alternate Speech and Facsimile group 3; "Speech".	no	yes no
A.6/17	Teleservice 61, Alternate Speech and Facsimile group 3; Facsimile group 3.	no	yes no
A.6/18	Teleservice 62, Automatic Facsimile group 3	no	yes no
A.7/1	Signalling Access Protocol (SAP).	I.440	I.440 X.28nond
A.7/2	Connection Element (CE).	T bothT NT bothNT	T bothT NT bothNT
A.7/3	User Info Layer 2 Protocol (UIL2P).	NAV	NAV ISO6429 COPnoFICt
A.7/4	Number of Data Bits(NDB).	8 bits	7 bits 8 bits
A.7/5	Parity Information (NPB).	none	odd none even 0 1
A.7/6	Number of Stop Bits (NSB).	1 bit	1 bit 2 bits
A.7/7	Radio Channel Requirement (RCR).	FR dualFR dualHR	dualHR FR dualFR
A.7/8	Intermediate Rate (IR).	16 kbps 8 kbps	16 kbps 8 kbps
A.7/9	User Rate (UR).	4.8 9.6 2.4	2.4 4.8 0.3 9.6 1.2 1.2/0.075
A.7/10	Fixed Network User Rate (FNUR)	9.6 14.4	28.8 9.6 38.4 14.4 NAV 19.2

			56 48
A.7/10a	all allowed combinations according to GSM 07.01 B.1.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.7/11	Wanted Air Interface User Rate (WAIUR)	14.4 9.6	14.4 43.2 19.2 57.6 28.8 NAV 9.6 38.4
A.7/12	User Initiated Modification Indication (UIMI)	not req.	not req. upto4 upto1 NAV upto2 upto3
A.7/13	Maximum number of Traffic Channels (MaxNumTCH)	1	2 3 4 1 NAV
A.8/1	Signalling Access Protocol (SAP).	I.440	I.440 X.28nond
A.8/2	Connection Element (CE).	bothNT T bothT NT	NT bothNT T bothT
A.8/3	User Info Layer 2 Protocol (UIL2P).	NAV	ISO6429 COPnoFICt NAV
A.8/4	Number of Data Bits(NDB).	8 bits	7 bits 8 bits
A.8/5	Parity Information (NPB).	none	0 1 odd none even
A.8/6	Number of Stop Bits (NSB).	1 bit	2 bits 1 bit
A.8/7	Radio Channel Requirement (RCR).	dualFR dualHR FR	dualFR dualHR FR
A.8/8	Intermediate Rate (IR).	8 kbps 16 kbps	8 kbps 16 kbps
A.8/9	User Rate (UR).	2.4 4.8 9.6	9.6 1.2 1.2/0.075 2.4 4.8 0.3
A.8/10	Modem Type (MT).	V.22bis V.26ter V.22	V.23 V.22bis auto V.26ter V.21 V.32 V.22
A.8/11	Fixed Network User Rate (FNUR)	9.6 14.4	19.2 28.8 9.6 NAV 14.4
A.8/11a	all allowed combinations according to GSM 07.01 B.1.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.8/12	Wanted Air Interface User Rate (WAIUR)	14.4 9.6	9.6 38.4 14.4 43.2 19.2 28.8

A.8/13	Acceptable channel codings (ACC)	14.4 4.8 9.6	14.4 NAV 4.8 9.6
A.8/14	User Initiated Modification Indication (UIMI)	not req.	upto1 NAV upto2 upto3 not req. upto4
A.8/15	Maximum number of Traffic Channels (MaxNumTCH)	1	3 4 1 NAV 2
A.9/1	Signalling Access Protocol (SAP).		I.440 X.21
A.9/2	Radio Channel Requirement (RCR).		FR dualFR dualHR
A.9/3	Intermediate Rate (IR).		8 kbps 16 kbps
A.9/4	User Rate (UR).		9.6 1.2 2.4 4.8
A.9/5	Fixed Network User Rate (FNUR)		28.8 NAV 9.6 38.4 14.4 48 19.2 56
A.9/5a	all allowed combinations according GSM 07.01 A2 1.3.1.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.9/6	Acceptable channel codings (ACC)		14.4 NAV 4.8 9.6
A.9/7	Maximum number of Traffic Channels (MaxNumTCH)		3 4 1 NAV 2
A.10/1	Radio Channel Requirement (RCR).		dualHR FR dualFR
A.10/2	Intermediate Rate (IR).		8 kbps 16 kbps
A.10/3	User Rate (UR).		4.8 9.6 2.4
A.10/4	User Info Layer 2 Protocol (UIL2P).		X.25 (X.75)
A.10/4a	all allowed combinations according to GSM 07.01 B.1.3.1.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.10/5	Rate Adaptation (RA)		X.31Flag (V.120)
A.10/6	Fixed Network User Rate (FNUR)		14.4 48 19.2 56 28.8 NAV 9.6 38.4

A.10/7	Wanted Air Interface User Rate (WAIUR)		38.4 14.4 43.2 19.2 57 28.8 NAV 9.6
A.10/8	User Initiated Modification Indication (UIMI)		upto3 not req. upto4 upto1 NAV upto2
A.10/9	Acceptable channel codings (ACC)		9.6 14.4 NAV 4.8
A.10/10	Maximum number of Traffic Channels (MaxNumTCH)		1 NAV 2 3 4
A.10a/1	Signalling Access Protocol (SAP).		X.21 I.440
A.10a/2	Fixed Network User Rate (FNUR)		48 56
A.10a/3	all allowed combinations according GSM 07.01 A2 1.3.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.10b/1	Signalling Access Protocol (SAP).		I.440 X.21
A.10b/2	Acceptable channel codings (ACC)		9.6 14.4
A.10b/3	Maximum number of Traffic Channels (MaxNumTCH)		5 6
A.10b/4	all allowed combinations according to GSM 07.01 B.1.3.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.11/1	Radio Channel Requirement (RCR).		dualHR FR dualFR
A.11/2	Intermediate Rate (IR).		16 kbps 8 kbps
A.11/3	User Rate (UR).		4.8 9.6 1.2 2.4
A.11/4	Modem Type (MT).		V.26ter V.32 V.22 V.22bis
A.11/5	Other Modem Type (OMT).		V.34 NAV no other MT
A.11/5a	all allowed combinations according to GSM 07.01 B.1.3.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.11/6	Fixed Network User Rate (FNUR)		19.2 28.8 9.6 NAV 14.4

A.11/7	Acceptable channel codings (ACC)		4.8 9.6 14.4 NAV
A.11/8	Maximum number of Traffic Channels (MaxNumTCH)		1 NAV 2 3 4
A.12/1	Connection Element (CE).		bothNT T bothT NT
A.12/2	Radio Channel Requirement (RCR).		FR dualFR dualHR
A.12/3	Intermediate Rate (IR).		16 kbps 8 kbps
A.12/4	User Rate (UR).		2.4 4.8 9.6
A.12/5	Modem Type (MT).		V.22bis V.26ter V.32
A.12/6	Other Modem Type (OMT).		no other MT V.34 NAV
A.12/6a	all allowed combinations according to GSM 07.01 B.1.3.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.12/7	Fixed Network User Rate (FNUR)		NAV 14.4 19.2 28.8 9.6
A.12/8	Wanted Air Interface User Rate (WAIUR)		28.8 9.6 NAV 14.4 19.2
A.12/9	Acceptable channel codings (ACC)		14.4 NAV 4.8 9.6
A.12/10	User Initiated Modification Indication (UIMI)		upto1 NAV upto2 upto3 not req. upto4
A.12/11	Maximum number of Traffic Channels (MaxNumTCH)		3 4 1 NAV 2
A.13/1	Connection Element (CE).		bothT NT bothNT T
A.13/2	User Info Layer 2 Protocol (UIL2P).		ISO6429 COPnoFICt NAV
A.13/3	Number of Data Bits(NDB).		7 bits 8 bits
A.13/4	Parity Information (NPB).		even 0 1 odd none
A.13/5	Number of Stop Bits (NSB).		1 bit 2 bits
A.13/6	Radio Channel Requirement (RCR).		dualFR dualHR FR

A.13/7	Intermediate Rate (IR).		8 kbps 16 kbps
A.13/8	User Rate (UR).		0.3 9.6 1.2 1.2/0.075 2.4 4.8
A.13/9	Fixed Network User Rate (FNUR)		14.4 48 19.2 56 28.8 NAV 9.6 38.4
A.13/9a	all allowed combinations according to GSM 07.01 B.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.13/10	Wanted Air Interface User Rate (WAIUR)		NAV 9.6 38.4 14.4 43.2 19.2 57.6 28.8
A.13/11	Acceptable channel codings (ACC)		NAV 4.8 9.6 14.4
A.13/12	User Initiated Modification Indication (UIMI)		upto3 not req. upto4 upto1 NAV upto2
A.13/13	Maximum number of Traffic Channels (MaxNumTCH)		1 NAV 2 3 4
A.14/1	Radio Channel Requirement (RCR).		FR dualFR dualHR
A.14/2	Intermediate Rate (IR).		8 kbps 16 kbps
A.14/3	User Rate (UR).		4.8 0.3 9.6 1.2 1.2/0.075 2.4
A.14/4	Fixed Network User Rate (FNUR)		38.4 14.4 48 19.2 56 28.8 NAV 9.6
A.14/4a	all allowed combinations according to GSM 07.01 B.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.14/5	Wanted Air Interface User Rate (WAIUR)		NAV 9.6 38.4 14.4 43.2 19.2 57.6 28.8
A.14/6	Acceptable channel codings (ACC)		NAV 4.8 9.6 14.4
A.14/7	User Initiated Modification Indication (UIMI)		upto2 upto3 not req. upto4 upto1 NAV
A.14/8	Maximum number of Traffic Channels (MaxNumTCH)		4 1 NAV 2 3

A.15/1	Radio Channel Requirement (RCR).	FR dualFR dualHR	FR dualFR dualHR
A.16/1	Connection Element (CE).	T bothT NT bothNT	bothNT T bothT NT
A.16/2	User Info Layer 2 Protocol (UIL2P).	NAV	COPnoFICt NAV ISO6429
A.16/3	Number of Data Bits(NDB).	8 bits	7 bits 8 bits
A.16/4	Parity Information (NPB).	none	1 odd none even 0
A.16/5	Number of Stop Bits (NSB).	1 bit	1 bit 2 bits
A.16/6	Radio Channel Requirement (RCR).	dualHR FR dualFR	dualHR FR dualFR
A.16/7	Intermediate Rate (IR).	16 kbps 8 kbps	8 kbps 16 kbps
A.16/8	User Rate (UR).	2.4 4.8 9.6	1.2/0.075 2.4 4.8 0.3 9.6 1.2
A.16/9	Modem Type (MT).	V.22 V.22bis V.26ter	V.32 V.22 V.21 V.23 V.22bis auto1 V.26ter
A.16/10	all allowed combinations according to GSM 07.01 B.1.6.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.17/1	Radio Channel Requirement (RCR).		dualHR FR dualFR
A.17/2	Intermediate Rate (IR).		8 kbps 16 kbps
A.17/3	User Rate (UR).		4.8 9.6 1.2 2.4
A.17/4	Modem Type (MT).		V.22bis V.26ter V.32 V.22
A.17/5	all allowed combinations according to GSM 07.01 B.1.6.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.18/1	Radio Channel Requirement (RCR).	dualHR FR dualFR	dualHR FR dualFR
A.19/1	Connection Element (CE).	bothNT T bothT NT	NT bothNT T bothT
A.19/2	User Info Layer 2 Protocol (UIL2P).	NAV	ISO6429 COPnoFICt NAV

A.19/3	Number of Data Bits(NDB).	8 bits	7 bits 8 bits
A.19/4	Parity Information (NPB).	none	0 1 odd none even
A.19/5	Number of Stop Bits (NSB).	1 bit	1 bit 2 bits
A.19/6	Radio Channel Requirement (RCR).	dualFR dualHR FR	dualFR dualHR FR
A.19/7	Intermediate Rate (IR).	8 kbps 16 kbps	8 kbps 16 kbps
A.19/8	User Rate (UR).	9.6 2.4 4.8	9.6 1.2 1.2/0.075 2.4 4.8 0.3
A.19/9	Modem Type (MT).	V.26ter V.22 V.22bis	auto1 V.26ter V.22 V.32 V.21 V.23 V.22bis
A.19/10	all allowed combinations according to GSM 07.01 B.1.7.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.20/1	Radio Channel Requirement (RCR).		dualFR dualHR FR
A.20/2	Intermediate Rate (IR).		8 kbps 16 kbps
A.20/3	User Rate (UR).		1.2 2.4 4.8 9.6
A.20/4	Modem Type (MT).		V.32 V.22 V.22bis V.26ter
A.20/5	all allowed combinations according to GSM 07.01 B.1.7.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	no	yes no
A.21/1	Radio Channel Requirement (RCR).	dualFR dualHR FR	dualFR dualHR FR
A.22/1	Radio Channel Requirement (RCR).		dualHR FR dualFR
A.23/1	Connection Element (CE).	T	bothT NT bothNT T
A.23/2	User Info Layer 2 Protocol (UIL2P).		X.25 NAV
A.23/3	Intermediate Rate (IR).	16 kbps 8 kbps	16 kbps 8 kbps
A.23/4	User Rate (UR).	2.4 4.8 9.6	9.6 2.4 4.8

A.23/5	all allowed combinations according to GSM 07.01 B.1.10.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	yes	yes no
A.24/1	Connection Element (CE).	T	T bothT NT bothNT
A.24/2	User Info Layer 2 Protocol (UIL2P).		NAV X.25
A.24/3	Intermediate Rate (IR).	8 kbps 16 kbps	8 kbps 16 kbps
A.24/4	User Rate (UR).	4.8 9.6 2.4	4.8 9.6 2.4
A.24/5	all allowed combinations according to GSM 07.01 B.1.11 (3GPP TS 27.001) implemented (if not, provide detailed description).	yes	yes no
A.25/1	at least one half rate service.	yes	yes no
A.25/2	Speech supported for Full rate version 1 (GSM FR)	yes	yes no
A.25/3	Speech supported for Half rate version 1 (GSM HR)	yes	yes no
A.25/4	at least one data service.	no	yes no
A.25/5	at least one full rate data service.	no	yes no
A.25/6	at least one half rate data service.	no	yes no
A.25/7	at least one non transparent data service.	no	yes no
A.25/8	at least one transparent data service.	no	yes no
A.25/9	only transparent data service	no	yes no
A.25/10	at least one asynchronous data service.	no	yes no
A.25/11	at least one asynchronous non transparent data service.	no	yes no
A.25/12	2.4 k full rate data mode.	no	yes no
A.25/13	2.4 k half rate data mode.	no	yes no
A.25/14	4.8 k full rate data mode.	no	yes no
A.25/15	4.8 k half rate data mode.	no	yes no
A.25/16	9.6 k full rate data mode.	no	yes no

A.25/17	non transparent service with full rate channel at a user rate of 4.8 kbit/s.	no	yes no
A.25/18	at least one bearer capability.	yes	yes no
A.25/19	at least one MT circuit switched basic service.	yes	yes no
A.25/20	at least one MO circuit switched basic service.	yes	yes no
A.25/21	only SDCCH.	no	yes no
A.25/22	at least one service on traffic channel supported	yes	yes no
A.25/23	dual rate radio channel types (no relation to supported speech codecs)	yes	yes no
A.25/24	only full rate radio channel type (no relation to supported speech codecs)	no	yes no
A.25/25	at least one teleservice.	yes	yes no
A.25/26	CC protocol for at least one BC.	yes	yes no
A.25/27	only circuit switched basic service supported by the mobile is emergency call.	no	yes no
A.25/28	Fax Error Correction Mode.	no	yes no
A.25/29	at least one supplementary service.	yes	yes no
A.25/30	non call related supplementary service.	yes	yes no
A.25/31	at least one short message service.	yes	yes no
A.25/32	(SMS) reply procedure.	yes	yes no
A.25/33	replace SMS.	yes	yes no
A.25/34	display of received SMS.	yes	yes no
A.25/35	SMS status report capabilities.	yes	yes no
A.25/36	Storing of short messages in the SIM.	yes	yes no
A.25/37	Storing of short messages in the ME.	yes	yes no
A.25/38	detach on power down.	yes	yes no
A.25/39	detach on SIM remove.	no	yes no
A.25/40	SIM removable without power down.	no	yes no
A.25/41	ID-1 SIM.	no	yes no
A.25/42	Plug-In SIM.	yes	yes no
A.25/43	Disable PIN feature.	yes	yes no

A.25/44	PIN2 feature.	yes	yes no
A.25/45	Feature requiring entry of PIN2.	yes	yes no
A.25/46	Chars 0-9, *, # supported	yes	yes no
A.25/47	A, B, C, D chars. supported	no	yes no
A.25/48	automatically enter automatic selection of PLMN mode.	yes	yes no
A.25/49	alerting indication to the user.	yes	yes no
A.25/50	Appl. Layer is always running.	no	yes no
A.25/51	Immediate connect supported for all circuit switched basic services.	no	yes no
A.25/52	In-Call modification.	yes	yes no
A.25/53	follow-on request procedure.	yes	yes no
A.25/54	refusal of call.	no	yes no
A.25/55	RF amplification.	no	yes no
A.25/56	Number of B-party number for autocalling is greater than the number of entries in the blacklist.	no	yes no
A.25/57	Handset MS supporting speech.	yes	yes no
A.25/58	MT2 Configuration.	no	yes no
A.25/59	MT2 Configuration or any other possibility to send data over Um interface.	no	yes no
A.25/60	Permanent Antenna Connector.	yes	yes no
A.25/61	Pseudo-synchronized handover supported.	yes	yes no
A.25/62	5V only SIM/ME interface.	no	yes no
A.25/63	3V only SIM/ME interface.	no	yes no
A.25/64	3V/5V SIM/ME interface.	no	yes no
A.25/65	Speech supported for Full rate version 2 (GSM EFR)	yes	yes no
A.25/66a	RLP supports non default parameters	no	yes no
A.25/66b	Support of listening to voice broadcast calls (VBS listening)	no	yes no
A.25/67	Support of originating voice broadcast call (VBS originating)	no	yes no
A.25/68	Support of listening to voice group calls (VGCS listening)	no	yes no
A.25/69	Support of talking in voice group calls (VGCS talking)	no	yes no
A.25/70	Support of originating voice group call (VGCS	no	yes no

	originating)		
A.25/71	Support reduced NCH monitoring	no	yes no
A.25/72	14.4 k data mode	yes	yes no
A.25/73	Implementation of cause number 27 of busy autocalling in category 2	yes	yes no
A.25/74	Implementation of cause number 27 of busy autocalling in category 3	yes	yes no
A.25/76	Artificial ear type 1	yes	yes no
A.25/77	Artificial ear type 3.2, Low leak option	no	yes no
A.25/78	Artificial ear type 3.4	no	yes no
A.25/79	Speech supported for Full rate version 3 (FR AMR)	yes	yes no
A.25/80	NCH monitoring in group receive mode	no	yes no
A.25/81	NCH monitoring in group transmit mode	no	yes no
A.25/82	NCH monitoring in dedicated mode	no	yes no
A.25/83	Support of one PDP context activation	yes	yes no
A.25/84	Support of more than one PDP context activation	yes	yes no
A.25/85	Support of more than one PDP context activation simultaneously on the same SAPI	yes	yes no
A.25/86	Support of GPRS data compression	no	yes no
A.25/87	Support of GPRS header compression	no	yes no
A.25/88	Support of Network requested PDP context activation	yes	yes no
A.25/89	Support for user settings of minimum QoS	yes	yes no
A.25/90	Automatic GPRS attach procedure at switch-on/power-on	yes	yes no
A.25/91	MMI controlled attach/detach procedures for non-GPRS services	no	yes no
A.25/92	Automatic attach procedure when MS identity cannot be derived by the network	yes	yes no
A.25/93	Automatic MM IMSI attach procedure at switch-on / power-on	yes	yes no
A.25/94	Support of SIM Application Toolkit	yes	yes no
A.25/95	1,8V only SIM/ME interface.	no	yes no
A.25/96	1,8V/3V SIM/ME interface.	yes	yes no
A.25/97	Multiple SM MO/PP on same RR link	yes	yes no
A.25/98	Support of stored list cell selection	no	yes no

A.25/99	at least one service not support immediate connection	yes	yes no
A.25/102	EFR_EmgCallSetup message contains the bearer capability	yes	yes no
A.25/103	Support of MonitorPCH_GroupTransmitMode	no	yes no
A.25/104	Integral_Antenna	no	yes no
A.25/105	User requested combined GPRS and non-GPRS detached without powering off	no	yes no
A.25/106	User requested non-GPRS detached	yes	yes no
A.25/107	Artificial ear type 3.2, High leak option	no	yes no
A.25/108	Artificial ear type 3.3	yes	yes no
A.25/109	Support of Multiple SMS	yes	yes no
A.25/110	Cell Reselection after T3184 Expiry	no	yes no
A.25/111	GPRS attach attempted automatically due to outstanding request	yes	yes no
A.25/112	Speech supported for Half rate version 3 (HR AMR)	yes	yes no
A.25/113	AMR Loop Back Modes	yes	yes no
A.25/114	TTY services	yes	yes no
A.25/115	Support of Secondary PDP Context Activation	yes	yes no
A.25/116	Support of MO SMS Concatenation	yes	yes no
A.25/117	Support of MT SMS Concatenation	yes	yes no
A.25/118	NITZ Supported	yes	yes no
A.25/119	Use of NITZ DST (Daylight Saving Time)	yes	yes no
A.25/121	Re-attach automatically when the network commands a detach with no cause value	no	yes no
A.25/122	Support of GPRS header compression algorithm type RFC 1144	no	yes no
A.25/123	Support of GPRS header compression algorithm type RFC 2507	no	yes no
A.25/124	Support of ROHC algorithm type RFC 3241	no	yes no
A.25/125	Support of ROHC algorithm type RFC 3242	no	yes no
A.25/126	Support of ROHC algorithm type RFC 3408	no	yes no
A.25/127	Support of ROHC algorithm type RFC 3095	no	yes no
A.25/128	The way to trigger transferring of new user data in a different PDP context while an uplink transfer is in progress	no	yes no

A.25/129	Support of DARP phase 1	yes	yes no
A.25/130	Support of Card Application	no	yes no
A.25/131	Support of GSM speech half rate version 6 (O-TCH/AHS)	no	yes no
A.25/132	MS with improved receiver performance	yes	yes no
A.25/133	Support of GSM speech full rate version 4 (O-TCH/WFS)	no	yes no
A.25/134	Verification for correct repetition of new password	no	yes no
A.25/135	MS using reduced interslot dynamic range in multislot configurations	no	yes no
A.25/136	Support of GSM speech Half rate version 4 (O-TCH/WHS)	no	yes no
A.25/137	Support of GSM Speech Full Rate version 5 (TCH/WFS)	no	yes no
A.25/138	Support of overwriting the existing Class 2 SMS	yes	yes no
A.25/139	Support of Repeated SACCH	yes	yes no
A.25/140	Support for a method for resetting stored A-GPS assistance data	no	yes no
A.25/141	Support of DARP phase 2	no	yes no
A.25/142	Support of Rel-4 acoustic implementation	yes	yes no
A.25/143	MS with no components having RF performance sensitive to vibration condition during testing	yes	yes no
A.25/144	Use of NITZ Full Name	no	yes no
A.25/145	Use of NITZ Short Name	yes	yes no
A.25/146	Use of NITZ Universal Time	yes	yes no
A.25/147	Use of NITZ Local Time Zone	yes	yes no
A.25/148	MS using a temporary antenna connector	yes	yes no
A.25/149	Support of Repeated FACCH	yes	yes no
A.25/150	Support of HATS	no	yes no
A.25/151	Controlled Early Classmark Sending	yes	yes no
A.25/152	SS Screening Indicator	01	11 01 00 10
A.25/153	VBS notification reception	no	yes no
A.25/154	VGCS notification reception	no	yes no
A.25/155	Classmark 3 options available	yes	yes no
A.25/156	LCS VA Capability	no	yes no

A.25/157	UCS2 treatment	1	0 1
A.25/158	CM Service Prompt	yes	yes no
A.25/159	Extended Measurement Capability	yes	yes no
A.25/160	SMS_VALUE (Switch-Measure-Switch)		0111 1011 0100 1111 1000 0001 1100 0101 1001 0010 1101 0110 0000 1010 0011 1110
A.25/161	SM_VALUE (Switch-Measure)		0000 1010 0011 1110 0111 1011 0100 1111 1000 0001 1100 0101 1001 0010 1101 0110
A.25/162	Priority Based Cell Reselection	no	yes no
A.25/163	Offset required	no	yes no
A.25/164	E-UTRA Measurement and Reporting support	no	yes no
A.25/165	Support of public basic MMI strings to change/unblock PIN	yes	yes no
A.25/166	UMTS AKA capable	yes	yes no
A.25/167	Support for a method for resetting stored A-GNSS assistance data	no	yes no
A.25/168	L2 fill bits randomisation in uplink	no	yes no
A.25.1/1	AMR C/I normalization factor (AFS GSM 900) (units: dB)	yes	yes no
A.25.1/2	Loop C delay Full rate (round trip delay, in number of TDMA frames)	yes	yes no
A.25.1/3	AMR C/I normalization factors (AFS, Improved RX performance, GSM 900) (units: dB)	yes	yes no
A.25.1/4	AMR C/I normalization factors (AHS, Improved RX performance, GSM 900) (units: dB)	yes	yes no
A.25.1/5	O-TCH/F C/I normalisation factor (GSM 900) (units: dB)	no	yes no
A.25.1/6	Loop C delay Half rate (round trip delay, in number of TDMA frames)	yes	yes no

A.25.1/7	Averaging time Tav This time is the time between the first and the last measurement sample taken on one carrier during one averaging period when measuring received signal strength	yes	yes no
A.25.1/8	TCH/WFS C/I normalisation factor (GSM 900) (units: dB)	no	yes no
A.25.1/9	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, GSM900) (units: dB)	no	yes no
A.25.1/10	MS LCS Notification timeout timer (units: seconds)	no	yes no
A.25.1/11	AMR C/I normalization factor (AFS GSM 850) (units: dB)	yes	yes no
A.25.1/12	AMR C/I normalization factor (AFS GSM 700) (units: dB)	no	yes no
A.25.1/13	AMR C/I normalization factor (AFS GSM 450) (units: dB)	no	yes no
A.25.1/14	AMR C/I normalization factor (AFS DCS 1800) (units: dB)	yes	yes no
A.25.1/15	AMR C/I normalization factor (AFS PCS 1900) (units: dB)	yes	yes no
A.25.1/16	AMR C/I normalization factor (AHS GSM 900) (units: dB)	yes	yes no
A.25.1/17	AMR C/I normalization factor (AHS GSM 850) (units: dB)	yes	yes no
A.25.1/18	AMR C/I normalization factor (AHS GSM 700) (units: dB)	yes	yes no
A.25.1/19	AMR C/I normalization factor (AHS GSM 450) (units: dB)	no	yes no
A.25.1/20	AMR C/I normalization factor (AHS DCS 1800) (units: dB)	yes	yes no
A.25.1/21	AMR C/I normalization factor (AHS PCS 1900) (units: dB)	yes	yes no
A.25.1/22	AMR C/I normalization factors (AFS, Improved RX performance, GSM 850) (units: dB)	yes	yes no
A.25.1/23	AMR C/I normalization factors (AFS, Improved RX performance, GSM 700) (units: dB)	no	yes no

A.25.1/24	AMR C/I normalization factors (AFS, Improved RX performance, GSM 450) (units: dB)	no	yes no
A.25.1/25	AMR C/I normalization factors (AFS, Improved RX performance, DCS 1800) (units: dB)	yes	yes no
A.25.1/26	AMR C/I normalization factors (AFS, Improved RX performance, PCS 1900) (units: dB)	yes	yes no
A.25.1/27	AMR C/I normalization factors (AHS, Improved RX performance, GSM 850) (units: dB)	yes	yes no
A.25.1/28	AMR C/I normalization factors (AHS, Improved RX performance, GSM 700) (units: dB)	no	yes no
A.25.1/29	AMR C/I normalization factors (AHS, Improved RX performance, GSM 450) (units: dB)	no	yes no
A.25.1/30	AMR C/I normalization factors (AHS, Improved RX performance, DCS 1800) (units: dB)	yes	yes no
A.25.1/31	AMR C/I normalization factors (AHS, Improved RX performance, PCS 1900) (units: dB)	yes	yes no
A.25.1/32	O-TCH/F C/I normalisation factor (GSM 850) (units: dB)	no	yes no
A.25.1/33	O-TCH/F C/I normalisation factor (GSM 700) (units: dB)	no	yes no
A.25.1/34	O-TCH/F C/I normalisation factor (GSM 450) (units: dB)	no	yes no
A.25.1/35	O-TCH/F C/I normalisation factor (DCS 1800) (units: dB)	no	yes no
A.25.1/36	O-TCH/F C/I normalisation factor (PCS 1900) (units: dB)	no	yes no
A.25.1/37	TCH/WFS C/I normalisation factor (GSM 850) (units: dB)	no	yes no
A.25.1/38	TCH/WFS C/I normalisation factor (GSM 700) (units: dB)	no	yes no
A.25.1/39	TCH/WFS C/I normalisation factor (GSM 450) (units: dB)	no	yes no
A.25.1/40	TCH/WFS C/I normalisation factor (DCS 1800) (units: dB)	no	yes no
A.25.1/41	TCH/WFS C/I normalisation factor (PCS 1900) (units: dB)	no	yes no

A.25.1/42	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, GSM850) (units: dB)	no	yes no
A.25.1/43	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, GSM700) (units: dB)	no	yes no
A.25.1/44	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, GSM450) (units: dB)	no	yes no
A.25.1/45	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, DCS1800) (units: dB)	no	yes no
A.25.1/46	TCH/WFS C/I normalization factors (TCH/WFS, Improved RX performance, PCS1900) (units: dB)	no	yes no

ANNEX C: Detailed Test Results

Annex C.1 Main Terms

Testcases	Testcase identification number and description in 3GPP test specification and GCF and/or NAPRD03.
Category	The category of testcase in the given frequency band as specified in the GCF-CC and/or NAPRD03 documents.
Verdict	Verdict of each testcase.

Annex C.2 Terms used in Condition column

NTC	Nominal voltage, Normal Temperature
HV	High voltage, Normal Temperature
LV	Low voltage, Normal Temperature
HTHV	high voltage, High Temperature
LTHV	high voltage, Low Temperature
HTLV	Low voltage, High Temperature
LTLV	Low voltage, Low Temperature
Vib	Vibration

Annex C.3 Terms used in Verdict column

Pass	This testcase has been tested, and EUT is conformant to the applied standards in the given frequency band.
Fail	This testcase has been tested, but EUT is not conformant to the applied standards in the given frequency band.
N/A	This test case is either not required/not applicable in the specified band or is not applicable according to the specific PICS/PIXIT for the EUT.
Inc	Test case result is ambiguous in the given frequency band.
Decl	Declaration is received from the client to demonstrate the conformity to the relevant specification in the given frequency band.
BR	This testcase is not tested in the given frequency band, but this testcase was tested with pass result for the initial model in the given frequency band.
GSM900	This test case is not performed in the given frequency band, instead of in GSM900 band. The result for this testcase is given in GSM900 column.
GSM1800	This test case is not performed in the given frequency band, instead of in GSM1800 band. The result for this testcase is given in GSM1800 column.
GSM850	This test case is not performed in the given frequency band, instead of in GSM850 band. The result for this testcase is given in GSM850 column.
GSM1900	This test case is not performed in the given frequency band, instead of in GSM1900 band. The result for this testcase is given in GSM1900 column.

Annex C.4 Terms used in Note column

EUT ID EUT ID (e.g UT01, UT02.....) is used to identify the EUT tested used for each testcase as specified in section 3 of this test report.

Lab Code Lab code is used to identify the subcontracted lab if this testcase is performed in the subcontracted lab.

Subcontracted test lab code

No subcontracted test lab code used.

Annex C.5 Testcases list

TcId	Description	TestCondition	Band	Category				result GSM1900		result GSM850		result GSM900		result GSM1800	
				GSM 1900	GSM 850	GSM 900	GSM 1800	Verdict	EUT	Verdict	EUT	Verdict	EUT	Verdict	EUT
Test 1	Use of registered LAI stored on SIM during Location Updating	NTC	single	A	A	N/A	N/A	PASS	UT01a	GSM1900	---	N/A	---	N/A	---
Test 3	Comparison of MCC/MNC contained in broadcasted LAI and MCC/MNC as determined from the first six digits of EFIMSI (IMSI) representing the Home PLMN	NTC	single	A	A	N/A	N/A	PASS	UT01a	GSM1900	---	N/A	---	N/A	---
18.1	Temporary reception gaps, single slot	NTC	all	A	A	A	A	PASS	UT01a	N/A	---	N/A	---	PASS	UT01a
44.2.11-1	Cell Notification - Ready Timer Behaviour	NTC	single	A	A	N/A	N/A	PASS	UT01a	GSM1900	---	N/A	---	N/A	---
44.2.11-2	Cell Notification - Use of LLC NULLFrame	NTC	single	A	A	N/A	N/A	PASS	UT01a	GSM1900	---	N/A	---	N/A	---

ANNEX D: Accreditation Certificate

Deutsche Akkreditierungsstelle GmbH

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation

The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

**Telecommunication Metrology Center
of the Ministry of Industry and Information Technology
Shouxiang Science & Technology Building
Beijing 100191, P.R. China**

Locations: No. 52 Huayuan Bei Road, Haidian District
Beijing 100191, P.R. CHINA

Shouxiang Building
No.51 Xueyuan Road, Haidian District
Beijing 100191, P.R. CHINA

No. 18A, KangDing Street,
Beijing Economic-Technology Development Area,
Beijing, 100176, P.R. CHINA

is competent under the terms of ISO/IEC 17025:2005 to carry out tests in the following fields:

**Mobile Communication (3G, 2G, UMTS, GSM 850/900/1800/1900),
Over-the Air (OTA) Performance, Radio incl. WLAN, Short Range Devices (SRD), RFID,
Wi-Fi, WiMax and Bluetooth, Electromagnetic Compatibility (EMC), Specific
Absorption Rate (SAR), Hearing Aid Compatibility (HAC) and Safety of Electrical
Appliances**

The accreditation certificate is valid until 2014-12-21. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 39 pages.

Registration number of the certificate: **D-PL-12123-01-01**

Frankfurt am Main, 2014-01-22

See notes overleaf.

Dipl.-Ing. (FH) Ralf Egner
Head of Division 2



*****END OF REPORT*****