CETECOM™

Partial

GSM TEST REPORT

No. 504/07T04

according to GCF-CC (V.3.25.0) R97/R98

for

Wavecom

GSM 900/1800 Terminal Equipment

Type M2106+

with
Final Hardware Version: 100
Final Software Version: 6.57a

This Test Report consists of 9 pages and the following Annexes:

Annex A – Accreditation Certificate	**2 pages**
Annex B – Test Equipment	**5 pages**
Annex C – PICS/PIXIT Information	**29 pages**
Annex D – Photographs	**3 pages**
Annex E – Detailed Test Results	**5 pages**

Date of Report: 2007-04-18

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

Deutscher Akkreditierungs Rat
DAR

DAT-P-176/94-C0

CTIA Authorized Test Lab
LAB CODE 20050615-00
Official Observer of GCF

Contents

Mobile Communications
320 Rue Hélène Boucher
78530 Buc Cdx · France

1. Test Results

1.1. Summary of Test Results

Table 1 summarises the final test results of the tested GSM Terminal 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 table 1 is given on the next page.

Table 1: Summary of Test Results

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

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The following terms are used in table 1 above:	
No.:	Test section number of the Mobile Station Conformance Specifications 3GPP TS 51.010-1 and/or 3GPP TS 51.010-4.
Description:	Test section title of the Mobile Station Conformance Specifications 3GPP TS 51.010-1 and/or 3GPP TS 51.010-4 and/or PTCRB NAPRD.03.
PASS:	Amount of test cases which are conformant to the applied standards in the given GSM frequency band.
FAIL:	Amount of test cases which are not conformant to the applied standards in the given GSM frequency band.
INC:	Inconclusive: Amount of test cases with ambiguous results in the given GSM frequency band.

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

CETECOM issues the following two different types of GSM Test Reports:

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

Partial GSM Test Report: This type of test report contains within Annex E a subset of test cases requested by the client and/or what is deemed necessary by *CETECOM* after a review of an existing product with respect to modification. No verification conclusion is given in section 1.5 for this type of test report.

1.3. Documentation received from the Client/Manufacturer

CETECOM 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 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 GSM Terminal Equipment as specified in section 3.

Dipl.-Ing. Adyl Mssalak
Project Leader
(Author of the Test Report)

Dipl.-Ing. Pierre Jean Dumay
Deputy Project Leader
(Verification of the Test Report)

Dipl.-Ing. Franck Dehour
Test Lab Manager
(Responsible for the Test Report)

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2. Administrative Data

2.1. Identification of the Responsible Testing Laboratory

Company Name:	*CETECOM* SARL
Department:	Mobile Communications
Address:	320 Rue Hélène Boucher 78530 Buc Cdx France
Telephone:	+33 1 39 24 29 59
Fax:	+33 1 39 24 29 83
Responsible Test Lab Manager:	Dipl.-Ing. Franck Dehour

2.2. Identification of the Testing Location(s)

Company Name: (leading testing location)	*CETECOM* SARL
Address:	320 Rue Hélène Boucher 78530 Buc Cdx France

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

Company Name: (subcontracted testing location)	*CETECOM* ICT Services GmbH
Address:	Untertürkheimer Strasse 6 - 10 D-66117 Saarbrücken Germany

2.3. Organisational Items

CETECOM **Reference No.:**	504_07
CETECOM **Order No.:**	5019_07
CETECOM **Project Leader:**	Dipl.-Ing. Adyl Mssalak
CETECOM **Deputy Project Leader:**	Dipl.-Ing. Pierre Jean Dumay
Start of Testing:	2007-03-20
End of Testing:	2007-03-20

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2.4. Identification of the Client

|	
Company Name:	Wavecom Asia Pacific Ltd.
Address:	Room 201-207, 2/F, Bio-Informatics Centre, Hong Kong Science Park Shatin Hong Kong
Contact Person:	Christophe Seveau
Telephone:	+852 2824 5236
Fax:	+852 2824 0958

2.5. Identification of the Manufacturer

Company Name:	Wavecom Asia Pacific Ltd.
Address:	Room 201-207, 2/F, Bio-Informatics Centre, Hong Kong Science Park Shatin Hong Kong
Contact Person:	Christophe Seveau
Telephone:	+852 2824 5236
Fax:	+852 2824 0958

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

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

3.1. Identification of the Equipment under Test

Brand Name:	Wavecom
Type Name:	M2106+
Marketing Name:	Integra M2106+ Plug and Play
GSM Frequency Bands:	GSM 900/1800
Special Features / Comments:	GPRS (MSC 10)

3.2. Front View of the Equipment under Test

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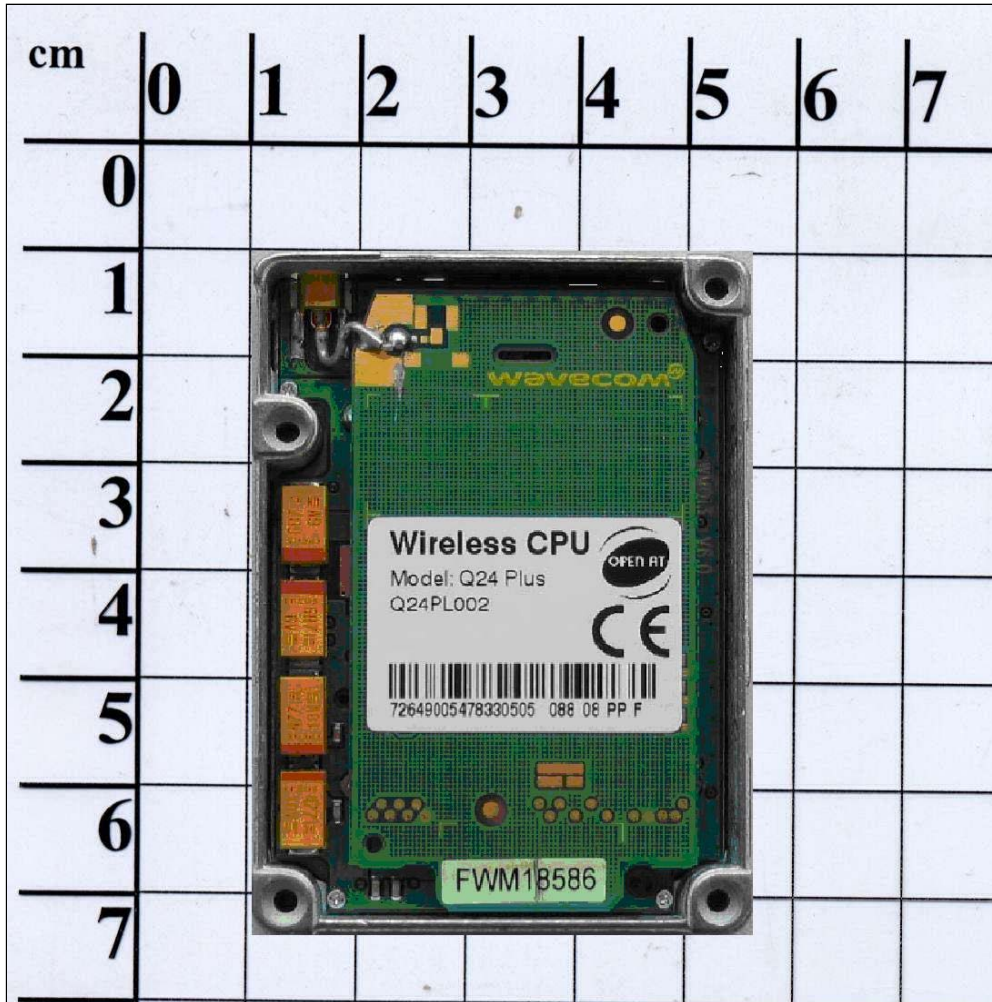
3.3. Identification of all used Test Samples of the Equipment under Test

EUT ID *	Serial Number	Hardware Version	Software Version
EUT1	#001	100	6.57a
EUT2	#002	100	6.57a

*) 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
---	---	– – –	---	---

*) The Ancillary Equipment Identifier (AE ID) is used to simplify the identification in this Test Report

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4. Applied Reference Documents

4.1. Leading Reference Documents for Testing

The Equipment under Test (EUT) has been tested at *CETECOM*'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	V3.25.0 (2007-01)

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*'s (own or subcontracted) laboratories.

Table 3: Specific Reference Documents

No.	Identity	Document Title	Version/Date
[2]	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	V7.5.0 Release 7 (2007-03)
[3]	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	V7.5.0 Release 7 (2007-03)
[4]	ETSI EN 301 511	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)	V9.0.2 (2003-03)

ANNEX A

of

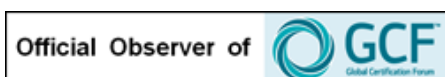**CETECOM™**

Partial GSM TEST REPORT

No. 504/07T04

Accreditation Certificate

This Annex consists of 2 pages

Date of Report: 2007-04-18

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

Deutscher Akkreditierungs Rat

DAT-P-176/94-C0

CTIA Authorized Test Lab
LAB CODE 20050615-00

Official Observer of **GCF** Global Certification Forum

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Translation

Deutsche Akkreditierungsstelle Technik (DATech) e.V.
Signatory of the Multilateral Agreement of EA and ILAC for the mutual recognition

represented in the

Deutschen AkkreditierungsRat

Accreditation

The **German Accreditation Body Technology (DATech) e.V.** confirms that the Testing Laboratory

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is competent under the terms of DIN EN ISO/IEC 17025 to carry out testing in the fields
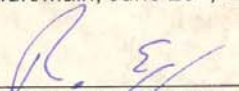
Mobile Communications – GSM 850/900/1800/1900 (Mobile Stations)
Private Mobile Radio (PMR)

according to the annexed list of standards and specifications.

The accreditation is valid until: **February 9th, 2010**

The annex is deemed part of this certificate and comprises **5** pages.

DAR-Registration No.: **DAT-P-176/94-C0**
(This certificate is only valid in relation with DAT-P-176/94-02)
Frankfurt/Main, June 25th, 2005

Dipl.-Ing. (FH) R. Egner
Head of the Accreditation Body

Member in EA, ILAC, IAF

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

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

ANNEX B

of

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Partial GSM TEST REPORT

No. 504/07T04

Test Equipment

This Annex consists of 5 pages

Date of Report: 2007-04-18

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1. Test Equipment Location

Testing was performed at the following marked locations:

1.1 Location "Essen"

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

1.2 Location "Saarbrücken"

Address: *CETECOM* ICT Services GmbH
Untertürkheimer Strasse 6 - 10
D-66117 Saarbrücken
Germany   ☑

1.3 Location "Milpitas, CA"

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

1.4 Location "Buc"

Address: *CETECOM* SARL
320 Rue Hélène Boucher
78530 Buc Cdx
France   ☐

1.5 Location "Feldkirchen / Munich"

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

1.6 Location "Taipei"

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

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1.7 Location "San Diego, CA"

Address: *CETECOM* Inc. - Branch San Diego
3636 Nobel Dr., Suite 250
San Diego, CA 92122
U.S.A

☐

1.8 Location "Yongin"

Address: *CETECOM* MOVON Ltd.
194-1, Geumeo-Ri, Pogok-Myon, Yongin City
Yongin 449-812
Korea

☐

1.9 Location "Gumi"

Address: *CETECOM* MOVON Ltd.
PakJaeDal Bldg. 3rd floor, 39B 1L, Inui-dong,
Gumi-si, Gyeong-buk
Gumi 730-320
Korea

☐

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2. List of Test Equipment

2.1 Anechoic Chamber

ID:	Anechoic Chamber [Saa 1]
Location:	Saarbrücken (1.2)
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Date of last Test Equipment Calibration: 2005-12-06

2.2 R&S CMU 200

ID:	R&S CMU 200 [Saa 4]
Location:	Saarbrücken (1.2)
Serialnumber:	106826
Hardware:	CMU-K21 (GSM 900) CMU-K22 (GSM 1800) CMU-K23 (GSM 1900) CMU-K24 (GSM 850)
Software version:	**Test Case Software**: Firmware CMU version 3.50
Ambient Conditions:	Temperature: 15°C - 35°C Rel. Humidity: 20% - 75%
Calibration:	Date of last Test Equipment Calibration: 2005-06-01

2.3 COMPRION IT³

ID:	COMPRION IT3 [Ess 1]
Location:	Essen (1.1)
Serialnumber:	B4702-50030
Hardware:	V1.2 (Analog Simulator) V1.2 (Digital Simulator)
Software version:	**Basis Software**: IT³ Test Platform version 3.8.1 and v.3.8.2 **Test Case Software**: IT³ 3GPP TS 51.010-1 (analog) version 3.8 and v.3.8.1 and v.3.8.2 IT³ 3GPP TS 51.010-1 (digital) version 3.8 and v.3.8.1 and v.3.8.2 IT³ 3GPP TS 51.10-4 Stage 1 version 3.8 and v.3.8.1 and v.3.8.2 IT³ 3GPP TS 51.10-4 Stage 2 version 3.8 and v.3.8.1 and v.3.8.2
Ambient Conditions:	Temperature: 20°C - 26°C Rel. Humidity: 20% - 75%
Calibration:	Date of last Test Equipment Calibration: 2007-01-30

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2.4 Additional Equipment for Testing the Radiated Spurious Emissions

ID	Loc	Instrument / Equipment	Type	Manufacturer	Serialnumber
SE101S	1.2	Horn Antenna	3115	EMCO	9005-3440
SE102S	1.2	Bicon.-Log. Antenna	3104C	EMCO	9909-4868
SE103S	1.2	Log.-Per. Antenna	HUF-Z3	Rohde & Schwarz	860943/009
SE104S	1.2	Notch Filter GSM 900	WRCD 901.9/903.1EE	Wainwright	9
SE105S	1.2	High Pass Filter GSM 850/900	WHJ 2200-4EE	Wainwright	33
SE106S	1.2	Notch Filter GSM 1800	WRCD 1747/1748-5EE	Wainwright	1
SE107S	1.2	Notch Filter GSM 1900	WRCB 1879.5/1880.5EE	Wainwright	9
SE108S	1.2	Notch Filter GSM850	WRCT 837-0.2/50-8EE	Wainwright	1
SE109S	1.2	High Pass Filter GSM 1800/1900	5HC2600/1275-1.5KK	Trilithic Inc.	9833011
SE110S	1.2	Amplifier	AFS4-00201800-15-10P-6	MITEQ	206461
SE111S	1.2	Spectrum Analyser /Display-Unit/RF-Unit	FSBS	Rohde & Schwarz	863619/001, 863047/011
SE112S	1.2	Spectrum Analyzer	ESMI	Rohde & Schwarz	300002222
SE113S	1.2	Notch Filter FDDI	WRCD 1800/2000-0.2/40-5EEK	Wainwright	2
SE114S	1.2	Controller	1081	EMCO	9007-1468
SE115S	1.2	Switch Unit	3488A	Hewlett Packard	SH1AH1T6L4SR1RL1PPODC1DT1COE2

ANNEX C

of

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Partial GSM TEST REPORT

No. 504/07T04

for

Wavecom

GSM 900/1800 Terminal Equipment

Type M2106+

with
Final Hardware Version: 100
Final Software Version: 6.57a

PICS/PIXIT Information

This Annex consists of 29 pages

Date of Report: 2007-04-18

<div style="color:red; border:1px solid red">

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* 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*.

</div>

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Partial GSM Test Report No. 504/07T04
Annex C: PICS/PIXIT Information
Date of Report: 2007-04-18   V4.02 2007-02-01   Page 2 of 29

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PICS – Protocol Implementation Conformance Statement
(According to Specifications 3GPP TS 51.010-2 V7.4.0 and 3GPP TS 51.010-4 V4.3.0)

Table A.1 (3GPP TS 51.010-2)**: Types of Mobile Stations**

Item	Release		Type of Mobile Station	Supported
1	Phase2	1.1	Standard GSM Band (P-GSM)	☒
2	Phase2	1.2	Extended GSM Band (E-GSM), (including standard Band)	☒
3	R96	1.3	R-GSM Band (including standard and E-GSM Band)	☐
4	Phase2	1.4	DCS 1800 band	☒
5	Phase2	1.5	Multiple-band, not simultaneously	☐
6	Phase2	1.6	Multiple-band, simultaneously	☒
7	Phase2	1.7	Small Mobile Station	☒
8	Phase2	1.8	GSM Power Class 2	☐
9	Phase2	1.9	GSM Power Class 3	☐
10	Phase2	1.10	GSM Power Class 4	☒
11	Phase2	1.11	GSM Power Class 5	☐
12	Phase2	1.12	DCS 1800 Power Class 1	☒
13	Phase2	1.13	DCS 1800 Power Class 2	☐
14	Phase2	1.14	DCS 1800 Power Class 3	☐
15	R96	1.15	HSCSD Multislot MS	☐
16	R99	1.16	GSM 450 band	☐
17	R99	1.17	GSM 480 band	☐
18	R98	1.18	PCS 1900 band	☐
19	R98	1.19	PCS 1900 Power Class 1	☐
20	R98	1.20	PCS 1900 Power Class 2	☐
21	R98	1.21	PCS 1900 Power Class 3	☐
22	R96	1.22	Multislot Class1	☐
23	R96	1.23	Multislot Class2	☐
24	R96	1.24	Multislot Class3	☐
25	R96	1.25	Multislot Class4	☐
26	R96	1.26	Multislot Class5	☐
27	R96	1.27	Multislot Class6	☐
28	R96	1.28	Multislot Class7	☐
29	R96	1.29	Multislot Class8	☐
30	R96	1.30	Multislot Class9	☐
31	R96	1.31	Multislot Class10	☐
32	R96	1.32	Multislot Class11	☐
33	R96	1.33	Multislot Class12	☐
34	R96	1.34	Multislot Class13	☐
35	R96	1.35	Multislot Class14	☐
36	R96	1.36	Multislot Class15	☐
37	R96	1.37	Multislot Class16	☐
38	R96	1.38	Multislot Class17	☐
39	R96	1.39	Multislot Class18	☐
40	R97	1.40	Multislot Class19	☐
41	R97	1.41	Multislot Class20	☐
42	R97	1.42	Multislot Class21	☐
43	R97	1.43	Multislot Class22	☐
44	R97	1.44	Multislot Class23	☐
45	R97	1.45	Multislot Class24	☐
46	R97	1.46	Multislot Class25	☐
47	R97	1.47	Multislot Class26	☐
48	R97	1.48	Multislot Class27	☐
49	R97	1.49	Multislot Class28	☐
50	R97	1.50	Multislot Class29	☐
51	R97	1.51	GPRS Multislot operation	☒
52	R99	1.52	EGPRS capable of 8PSK in Uplink, of all Multislot classes	☐
53	Rel-4	1.53	GSM 700 band	☐
54	Rel-4	1.54	GSM 750 band	☐
55	R99	1.55	GSM 850 band	☐
56	R99	1.56	Support of UTRAN Radio Access Technology	☐
57	R97	1.57	Support of GPRS Multislot class on the uplink	☒
58	R99	1.58	Support of COMPACT	☐
59	R99	1.59	DTM/GPRS Multislot Class 1	☐
60	R99	1.60	DTM/GPRS Multislot Class 5	☐
61	R99	1.61	DTM/GPRS Multislot Class 9	☐

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Item	Release		Type of Mobile Station	Supported
62	R99	1.62	Support of singleslot allocation in DTM/GPRS	☐
63	R99	1.63	Support of UTRAN FDD	☐
64	R99	1.64	Support of UTRAN TDD	☐
65	R98	1.65	Support of Conventional GPS	☐
66	R99	1.66	EGPRS Multislot operation	☐
67	R97	1.67	GPRS Multislot Class1	☐
68	R97	1.68	GPRS Multislot Class2	☐
69	R97	1.69	GPRS Multislot Class3	☐
70	R97	1.70	GPRS Multislot Class4	☐
71	R97	1.71	GPRS Multislot Class5	☐
72	R97	1.72	GPRS Multislot Class6	☐
73	R97	1.73	GPRS Multislot Class7	☐
74	R97	1.74	GPRS Multislot Class8	☐
75	R97	1.75	GPRS Multislot Class9	☐
76	R97	1.76	GPRS Multislot Class10	☒
77	R97	1.77	GPRS Multislot Class11	☐
78	R97	1.78	GPRS Multislot Class12	☐
79	R97	1.79	GPRS Multislot Class13	☐
80	R97	1.80	GPRS Multislot Class14	☐
81	R97	1.81	GPRS Multislot Class15	☐
82	R97	1.82	GPRS Multislot Class16	☐
83	R97	1.83	GPRS Multislot Class17	☐
84	R97	1.84	GPRS Multislot Class18	☐
85	R97	1.85	GPRS Multislot Class19	☐
86	R97	1.86	GPRS Multislot Class20	☐
87	R97	1.87	GPRS Multislot Class21	☐
88	R97	1.88	GPRS Multislot Class22	☐
89	R97	1.89	GPRS Multislot Class23	☐
90	R97	1.90	GPRS Multislot Class24	☐
91	R97	1.91	GPRS Multislot Class25	☐
92	R97	1.92	GPRS Multislot Class26	☐
93	R97	1.93	GPRS Multislot Class27	☐
94	R97	1.94	GPRS Multislot Class28	☐
95	R97	1.95	GPRS Multislot Class29	☐
96	R99	1.96	EGPRS Multislot Class1	☐
97	R99	1.97	EGPRS Multislot Class2	☐
98	R99	1.98	EGPRS Multislot Class3	☐
99	R99	1.99	EGPRS Multislot Class4	☐
100	R99	1.100	EGPRS Multislot Class5	☐
101	R99	1.101	EGPRS Multislot Class6	☐
102	R99	1.102	EGPRS Multislot Class7	☐
103	R99	1.103	EGPRS Multislot Class8	☐
104	R99	1.104	EGPRS Multislot Class9	☐
105	R99	1.105	EGPRS Multislot Class10	☐
106	R99	1.106	EGPRS Multislot Class11	☐
107	R99	1.107	EGPRS Multislot Class12	☐
108	R99	1.108	EGPRS Multislot Class13	☐
109	R99	1.109	EGPRS Multislot Class14	☐
110	R99	1.110	EGPRS Multislot Class15	☐
111	R99	1.111	EGPRS Multislot Class16	☐
112	R99	1.112	EGPRS Multislot Class17	☐
113	R99	1.113	EGPRS Multislot Class18	☐
114	R99	1.114	EGPRS Multislot Class19	☐
115	R99	1.115	EGPRS Multislot Class20	☐
116	R99	1.116	EGPRS Multislot Class21	☐
117	R99	1.117	EGPRS Multislot Class22	☐
118	R99	1.118	EGPRS Multislot Class23	☐
119	R99	1.119	EGPRS Multislot Class24	☐
120	R99	1.120	EGPRS Multislot Class25	☐
121	R99	1.121	EGPRS Multislot Class26	☐
122	R99	1.122	EGPRS Multislot Class27	☐
123	R99	1.123	EGPRS Multislot Class28	☐
124	R99	1.124	EGPRS Multislot Class29	☐
125	R99	1.125	GSM 850 Power Class 2	☐
126	R99	1.126	GSM 850 Power Class 3	☐
127	R99	1.127	GSM 850 Power Class 4	☐
128	R99	1.128	GSM 850 Power Class 5	☐

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Item	Release		Type of Mobile Station	Supported
129	R99	1.129	8-PSK GSM Power Class E1	☐
130	R99	1.130	8-PSK GSM Power Class E2	☐
131	R99	1.131	8-PSK GSM Power Class E3	☐
132	R99	1.132	8-PSK DCS Power Class E1	☐
133	R99	1.133	8-PSK DCS Power Class E2	☐
134	R99	1.134	8-PSK DCS Power Class E3	☐
135	R99	1.135	8-PSK PCS Power Class E1	☐
136	R99	1.136	8-PSK PCS Power Class E2	☐
137	R99	1.137	8-PSK PCS Power Class E3	☐
138	R99	1.138	8-PSK GSM 850 Power Class E1	☐
139	R99	1.139	8-PSK GSM 850 Power Class E2	☐
140	R99	1.140	8-PSK GSM 850 Power Class E3	☐
141	Phase2	1.141	GSM850 and GSM1800 Band Interworking	☐
142	Phase2	1.142	GSM900 and GSM1900 Band Interworking	☐
143	Phase2	1.143	GSM850 and GSM900 Band Interworking	☐
144	R99	1.144	DTM/EGPRS Multislot Class 1	☐
145	R99	1.145	DTM/EGPRS Multislot Class 5	☐
146	R99	1.146	DTM/EGPRS Multislot Class 9	☐
147	R99	1.147	Support of singleslot allocation in DTM/EGPRS	☐
148	R99	1.148	DTM/GPRS Multislot Class 11	☐
149	Rel-5	1.149	GPRS Multislot Class30	☐
150	Rel-5	1.150	GPRS Multislot Class31	☐
151	Rel-5	1.151	GPRS Multislot Class32	☐
152	Rel-5	1.152	GPRS Multislot Class33	☐
153	Rel-5	1.153	GPRS Multislot Class34	☐
154	Rel-5	1.154	GPRS Multislot Class35	☐
155	Rel-5	1.155	GPRS Multislot Class36	☐
156	Rel-5	1.156	GPRS Multislot Class37	☐
157	Rel-5	1.157	GPRS Multislot Class38	☐
158	Rel-5	1.158	GPRS Multislot Class39	☐
159	Rel-5	1.159	GPRS Multislot Class40	☐
160	Rel-5	1.160	GPRS Multislot Class41	☐
161	Rel-5	1.161	GPRS Multislot Class42	☐
162	Rel-5	1.162	GPRS Multislot Class43	☐
163	Rel-5	1.163	GPRS Multislot Class44	☐
164	Rel-5	1.164	GPRS Multislot Class45	☐
165	Rel-5	1.165	EGPRS Multislot Class30	☐
166	Rel-5	1.166	EGPRS Multislot Class31	☐
167	Rel-5	1.167	EGPRS Multislot Class32	☐
168	Rel-5	1.168	EGPRS Multislot Class33	☐
169	Rel-5	1.169	EGPRS Multislot Class34	☐
170	Rel-5	1.170	EGPRS Multislot Class35	☐
171	Rel-5	1.171	EGPRS Multislot Class36	☐
172	Rel-5	1.172	EGPRS Multislot Class37	☐
173	Rel-5	1.173	EGPRS Multislot Class38	☐
174	Rel-5	1.174	EGPRS Multislot Class39	☐
175	Rel-5	1.175	EGPRS Multislot Class40	☐
176	Rel-5	1.176	EGPRS Multislot Class41	☐
177	Rel-5	1.177	EGPRS Multislot Class42	☐
178	Rel-5	1.178	EGPRS Multislot Class43	☐
179	Rel-5	1.179	EGPRS Multislot Class44	☐
180	Rel-5	1.180	EGPRS Multislot Class45	☐
181		1.181	(Void)	---
182	Rel-7	1.182	GSM 710 band	☐
183	Rel-7	1.183	T GSM 810 band	☐
184	Rel-4	1.184	DTM/EGPRS Multislot Class 11	☐
185	Rel-6	1.185	T-GSM 380 band	☐
186	Rel-6	1.186	T-GSM 410 band	☐
187	Rel-6	1.187	T-GSM 900 band	☐

Table A.1b (3GPP TS 51.010-2)**: MS Feature Release Supported**

Item	Release		MS Feature Release Supported	Supported	Value	
					Allowed	Supported
1	R97	1.188	Release of GPRS supported	1.189 ☒	R97, R98, R99 Rel-4, Rel-5, Rel-6, Rel-7	R97

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Item	Release		MS Feature Release Supported		Supported	Value	
						Allowed	Supported
2	R98	1.190	Release of AMR supported		1.191 ☐	R98, R99 Rel-4, Rel-5, Rel-6, Rel-7	
3	R99	1.192	Release of EGPRS supported		1.193 ☐	R99, Rel-4, Rel-5, Rel-6, Rel-7	

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Table A.2 (3GPP TS 51.010-2)**: Mobile Station Features**

Item	Release		Mobile Station Feature	Supported
1	Phase2	1.194	Display of Called Number	☐
2	Phase2	1.195	Indication of Call Progress Signals	☐
3	Phase2	1.196	Country / PLMN Indication	☐
4	Phase2	1.197	Country / PLMN Selection	☒
5	Phase2	1.198	Keypad	☐
6	Phase2	1.199	IMEI	☒
7	Phase2	1.200	Short Message Overflow Indication	☐
8	Phase2	1.201	DTE /DCE Interface	☒
9	Phase2	1.202	ISDN "S" Interface	☐
10	Phase2	1.203	International Access Function	☒
11	Phase2	1.204	Service Indicator	☐
12	Phase2	1.205	Autocalling restriction capabilities	☐
13	Phase2	1.206	Dual Tone Multi Frequency function	☒
14	Phase2	1.207	Subscription Identity Management	☒
15	Phase2	1.208	On / Off switch	☐
16	Phase2	1.209	Subaddress	☐
17	Phase2	1.210	Support of Encryption A5/1	☒
18		1.211	(Void)	---
19	Phase2	1.212	Short Message Service Cell Broadcast DRX	☒
20	Phase2	1.213	Abbreviated Dialling	☒
21	Phase2	1.214	Fixed Number Dialling	☒
22	Phase2	1.215	Barring of Outgoing Calls	☒
23	Phase2	1.216	DTMF Control Digits Separator	☐
24	Phase2	1.217	Selection of Directory No in Short Messages	☐
25	Phase2	1.218	Last Numbers Dialled	☒
26	Phase2	1.219	At least one autocalling feature	☐
27	Phase2	1.220	Alphanumeric display	☐
28	Phase2	1.221	Other means of display	☐
29	Phase2	1.222	Speech indicator	☐
30	R96	1.223	Support of the extended Short message cell broadcast channel	☐
31	R96	1.224	Support of Additional Call Set-up MMI Procedures	☐
32	R96	1.225	Network Identity and Timezone	☒
33	Ph2(R96)	1.226	Ciphering Indicator	☐
34	R96	1.227	Network's indication of alerting in the MS $(NI Alert in MS)$	☐
35	R96	1.228	ME-SIM lock	☒
36	R96	1.229	Service Dialling Numbers	☒
37	R99	1.230	Extended timing advance	☐
38	R98	1.231	Support of SoLSA	☐
39	R96	1.232	Audible Indication of Service Tones	☐
40	Phase2	1.233	Autocalling_Cause 27 Implemented in Cat 3	☐
41	R97	1.234	Support of GPRS	☒
42	R99	1.235	Support of EGPRS	☐
43	R98	1.236	Support of GPRS Encryption	☒
44	Phase2	1.237	Control of Supplementary Services	☒
45	Phase2	1.238	Short message	☒
46	Phase2	1.239	Emergency calls capabilities	☒
47	R97	1.240	GPRS operation mode class A	☐
48	R97	1.241	GPRS operation mode class B	☒
49	R97	1.242	GPRS operation mode class C	☒
50	R99	1.243	MS supporting SMS over GPRS	☒
51		1.244	(Void)	---
52		1.245	(Void)	---
53	R99	1.246	Support of ECSD	☐
54	R97	1.247	GPRS test mode A	☒
55	R97	1.248	GPRS test mode B	☐
56		1.249	EGPRS test mode	☐
57	R98	1.250	Support of MS-Assisted E-OTD	☐
58	R97	1.251	Non-zero value of Non_DRX_Timer	☒
59	R98	1.252	Support of MS-Based GPS	☐
60	R98	1.253	Support of MS-Assisted GPS	☐
61	R98	1.254	Privacy Option Supported	☐
62	R99	1.255	Support of DTM/GPRS	☐
63	R98	1.256	Support of MS Assisted EOTD Performance for GMSK	☐
64	R99	1.257	Support of MS Assisted EOTD Performance for 8PSK	☐
65	R99 only	1.258	Support of EGPRS Packet Access enhancement	☐

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Item	Release		Mobile Station Feature	Supported
66		1.259	(Void)	---
67	R99	1.260	Support of MT SMS over GPRS	☒
68		1.261	(Void)	---
69	R99	1.262	Support of DTM/EGPRS	☐
70	R99	1.263	Support of Extended dynamic allocation	☐
71	Rel-6	1.264	Support of GAN	☐
72	Rel-4	1.265	Support of GERAN FEATURE PACKAGE 1	☐
73	Rel-6	1.266	Support of Encryption A5/3	☐
74	Rel-4	1.267	Support of Fine Time Assistance	☐
75	Rel-6	1.268	Support of Encryption GEA2	☐
76	Rel-6	1.269	Support of Encryption GEA3	☐
77	Up to R98	1.270	Use of R99 Emergency numbers	☐

Table A.3 (3GPP TS 51.010-2)**: Teleservices**

Item	Release		Teleservice	Supported
1	Phase2	1.271	Telephony	☒
2	Phase2	1.272	Emergency Call	☒
3	Phase2	1.273	Short Message MT/PP	☒
4	Phase2	1.274	Short Message MO/PP	☒
5	Phase2	1.275	SMS Cell Broadcast	☒
6	Phase2	1.276	Teleservice Alternate Speech and G3 fax	☐
7	Phase2	1.277	Teleservice Automatic G3 fax	☒
8	R96	1.278	Voice Group Call Service (VGCS)	☐
9	R96	1.279	Voice Broadcast Service (VBS)	☐
10	R96	1.280	SMS description	☒

Table A.4 (3GPP TS 51.010-2)**: Bearer Services**

Item	Release		Bearer Service	Supported
1	Phase2	1.281	Data circuit duplex async. 300 bit/s	☒
2	Phase2	1.282	Data circuit duplex async. 1 200 bit/s	☒
3	Phase2	1.283	Data circuit duplex async. 1 200/75 bit/s	☒
4	Phase2	1.284	Data circuit duplex async. 2 400 bit/s	☒
5	Phase2	1.285	Data circuit duplex async. 4 800 bit/s	☒
6	Phase2	1.286	Data circuit duplex async. 9 600 bit/s	☒
7	Phase2	1.287	Data circuit duplex sync. 1 200 bit/s	☐
8	Phase2	1.288	Data circuit duplex sync. 2 400 bit/s	☐
9	Phase2	1.289	Data circuit duplex sync. 4 800 bit/s	☐
10	Phase2	1.290	Data circuit duplex sync. 9 600 bit/s	☐
11	Phase2	1.291	PAD Access 300 bit/s	☐
12	Phase2	1.292	PAD Access 1 200 bit/s	☐
13	Phase2	1.293	PAD Access 1 200/75 bits/s	☐
14	Phase2	1.294	PAD Access 2 400 bit/s	☐
15	Phase2	1.295	PAD Access 4 800 bit/s	☐
16	Phase2	1.296	PAD Access 9 600 bit/s	☐
17	Phase2	1.297	Packet Access 2 400 bit/s	☐
18	Phase2	1.298	Packet Access 4 800 bit/s	☐
19	Phase2	1.299	Packet Access 9 600 bit/s	☐
20	Phase2	1.300	Alternate Speech/Data	☐
21	Phase2	1.301	Speech Followed by Data	☐
22	R97	1.302	GPRS	☒
23	Rel-6	1.303	Bluetooth data rate	☐
24	Rel-6	1.304	WLAN data rate	☐

Table A.5 (3GPP TS 51.010-2)**: Supplementary Services**

Item	Release		Supplementary Service	Supported
1	Phase2	1.305	Calling Line Identification Presentation	☒
2	Phase2	1.306	Calling Line Identification Restriction	☒
3	Phase2	1.307	Connected Line Identification Presentation	☒
4	Phase2	1.308	Connected Line Identification Restriction	☐
5	Phase2	1.309	Call Forwarding Unconditional	☒
6	Phase2	1.310	Call Forwarding on Mobile Subscriber Busy	☒
7	Phase2	1.311	Call Forwarding on No Reply	☒
8	Phase2	1.312	Call Forwarding on Mobile Subscriber Not Reachable	☒
9	Phase2	1.313	Call Waiting	☒

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Item	Release		Supplementary Service	Supported
10	Phase2	1.314	Call Hold	☒
11	Phase2	1.315	Multi Party Service	☒
12	Phase2	1.316	Closed User Group	☒
13	Phase2	1.317	Advice of Charge (Information)	☒
14	Phase2	1.318	Advice of Charge (Charging)	☒
15	Phase2	1.319	Barring of All Outgoing Calls.	☒
16	Phase2	1.320	Barring of Outgoing International Calls	☒
17	Phase2	1.321	Barring of Outgoing International Calls except those directed to the Home PLMN Country	☒
18	Phase2	1.322	Barring of All Incoming Calls	☒
19	Phase2	1.323	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	☒
20	Phase2	1.324	Unstructured SS Data	☒
21	R96	1.325	enhanced Multi-Level Precedence and Pre-emption service (eMLPP)	☐
22	R96	1.326	Call Deflection	☐
23	R96	1.327	User-to-User signalling	☒
24	R96	1.328	Explicit Call Transfer	☒
25	R96	1.329	Implicit UUS1	☐
26	R98	1.330	Sending of implicit UUS1 in the ALERTING message	☐
27	R98	1.331	Sending of implicit UUS1 in the CONNECT message	☐
28	R99	1.332	Follow Me	☐
29	Rel-4	1.333	User-to-Dispatcher Information	☐
30	Rel-4	1.334	Compressed User-to-Dispatcher	☐
31	R97	1.335	Completion of Calls to Busy SS	☐
32	R97	1.336	Completion of Calls to Busy Requests	☐
33	R97	1.337	Support of Private Numbering Plan SS	☐
34	R97	1.338	Support of Private Numbering Plan , Numbering Plans	☐
35	R97	1.339	Name Identification SS	☒
36	Rel-7	1.340	Support of Periodic Location	☐

Table A.6 (3GPP TS 51.010-2)**: Groups for possible bearer capabilities**

Item	Release		Bearer Capability Group	Supported
1	Ph2(R96)	1.341	Bearer Service 21(20) .. 26, unrestricted digital information transfer capability	☒
2	Ph2(R96)	1.342	Bearer Service 21(20) .. 26, 3.1 kHz audio ex-PLMN information transfer capability	☒
3	Ph2(R96)	1.343	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; Non-X.32 Cases (BS 31 .. BS 34)	☐
4	Ph2(R96)	1.344	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; X.32 Cases	☐
5	Ph2(R96)	1.345	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; Non-X.32 Cases	☐
6	Ph2(R96)	1.346	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; X.32 Cases	☐
7	Ph2(R96)	1.347	Bearer Service 41(40)..46, PAD Access Asynchronous	☐
8	Ph2(R96)	1.348	Bearer Service 51(50)..53, Data Packet Duplex Synchronous	☐
9	Phase2	1.349	Bearer Service 61, Alternate Speech/Data, "Speech"	☐
10	Phase2	1.350	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous	☐
11	Phase2	1.351	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous	☐
12	Phase2	1.352	Bearer Service 81, Speech followed by Data, "Speech"	☐
13	Phase2	1.353	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Asynchronous	☐
14	Phase2	1.354	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability; Synchronous	☐
15	Phase2	1.355	Teleservice 11..12, Speech	☒
16	Phase2	1.356	Teleservice 61, Alternate Speech and Facsimile group 3; "Speech"	☐
17	Phase2	1.357	Teleservice 61, Alternate Speech and Facsimile group 3; Facsimile group 3	☐
18	Phase2	1.358	Teleservice 62, Automatic Facsimile group 3	☒

Table A.7 (3GPP TS 51.010-2)**: Bearer Service 20..26, UDI/RDI**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.359	Signalling Access Protocol (SAP)	I.440	☒
		1.360		X.28nond	☒
2	Phase2	1.361	Connection Element (CE)	NT	☒
		1.362		bothNT	☒
		1.363		T	☒
		1.364		bothT	☒

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
3	Phase2	1.365	User Info Layer 2 Protocol (UIL2P)	ISO6429	☒
		1.366		ICOPnoFICt	☒
		1.367		NAV	☒
4	Phase2	1.368	Number of Data Bits(NDB)	7 bits	☒
		1.369		8 bits	☒

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Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
5	Phase2	1.370	Parity Information (NPB)	odd	☒
		1.371		even	☒
		1.372		0	☒
		1.373		1	☒
		1.374		none	☒
6	Phase2	1.375	Number of Stop Bits (NSB)	1 bit	☒
		1.376		2 bits	☒
7	Phase2	1.377	Radio Channel Requirement (RCR)	dualHR	☒
		1.378		FR	☒
		1.379		dualFR	☒
8	Phase2	1.380	Intermediate Rate (IR)	8 kbps	☒
		1.381		16 kbps	☒
9	Phase2	1.382	User Rate (UR)	0.3	☒
		1.383		1.2	☒
		1.384		2.4	☒
		1.385		4.8	☒
		1.386		9.6	☒
		1.387		1.2/0.075	☒
10	R96	1.388	Fixed Network User Rate (FNUR)	9.6	☒
		1.389		14.4	☒
		1.390		19.2	☒
		1.391		28.8	☒
		1.392		38.4	☒
		1.393		48.0	☒
		1.394		56.0	☒
		1.395		NAV	☒
11	R96	1.396	Wanted Air Interface User Rate (WAIUR)	9.6	☒
		1.397		14.4	☒
		1.398		19.2	☒
		1.399		28.8	☒
		1.400		38.4	☒
		1.401		43.2	☒
		1.402		57.6	☒
		1.403		NAV	☒
12	R96	1.404	User Initiated Modification Indication (UIMI)	not req.	☒
		1.405		upto1	☒
		1.406		upto2	☒
		1.407		upto3	☒
		1.408		upto4	☒
		1.409		NAV	☒
13	R96	1.410	Maximum number of Traffic Channels (MaxNumTCH)	1	☒
		1.411		2	☒
		1.412		3	☒
		1.413		4	☒
		1.414		NAV	☒
10a	---	1.415	all allowed combinations according to 3GPP TS 07.01 B.1.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

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Table A.8 (3GPP TS 51.010-2)**: Bearer Service 20..26, 3.1 kHz**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.416	Signalling Access Protocol (SAP)	I.440	☒
		1.417		X.28nond	☒
2	Phase2	1.418	Connection Element (CE)	NT	☒
		1.419		bothNT	☒
		1.420		T	☒
		1.421		bothT	☒
3	Phase2	1.422	User Info Layer 2 Protocol (UIL2P)	ISO6429	☒
		1.423		COPnoFICt	☒
		1.424		NAV	☒
4	Phase2	1.425	Number of Data Bits (NDB)	7 bits	☒
		1.426		8 bits	☒
5	Phase2	1.427	Parity Information (NPB)	odd	☒
		1.428		even	☒
		1.429		0	☒
		1.430		1	☒
		1.431		none	☒
6	Phase2	1.432	Number of Stop Bits (NSB)	1 bit	☒
		1.433		2 bits	☒
7	Phase2	1.434	Radio Channel Requirement (RCR)	dualHR	☒
		1.435		FR	☒
		1.436		dualFR	☒
8	Phase2	1.437	Intermediate Rate (IR)	8 kbps	☒
		1.438		16 kbps	☒
9	Phase2	1.439	User Rate (UR)	0.3	☒
		1.440		1.2	☒
		1.441		2.4	☒
		1.442		4.8	☒
		1.443		9.6	☒
		1.444		1.2/0.075	☒
10	Phase2	1.445	Modem Type (MT)	V.21	☒
		1.446		V.22	☒
		1.447		V.22bis	☒
		1.448		V.26ter	☒
		1.449		V.32	☒
		1.450		V.23	☒
		1.451		auto1	☒
11	R96	1.452	Fixed Network User Rate (FNUR)	9.6	☐
		1.453		14.4	☐
		1.454		19.2	☐
		1.455		28.8	☐
		1.456		NAV	☐
12	R96	1.457	Wanted Air Interface User Rate (WAIUR)	9.6	☐
		1.458		14.4	☐
		1.459		19.2	☐
		1.460		28.8	☐
		1.461		38.4	☐
		1.462		43.2	☐
13	R96	1.463	Acceptable channel codings (ACC)	4.8	☐
		1.464		9.6	☐
		1.465		14.4	☐
		1.466		NAV	☐
14	R96	1.467	User Initiated Modification Indication (UIMI)	not req.	☐
		1.468		upto1	☐
		1.469		upto2	☐
		1.470		upto3	☐
		1.471		upto4	☐
		1.472		NAV	☐
15	R96	1.473	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.474		2	☐
		1.475		3	☐
		1.476		4	☐
		1.477		NAV	☐

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Item	Release	Bearer Capability Elements		Values	
				Allowed	Supported
11a	---	1.478	all allowed combinations according to 3GPP TS 07.01 B.1.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐

Table A.9 (3GPP TS 51.010-2)**: Bearer Service 30..34, UDI, Non-X.32**

Item	Release	Bearer Capability Elements		Values	
				Allowed	Supported
1	Phase2	1.479	Signalling Access Protocol (SAP)	I.440	☐
		1.480		X.21	☐
2	Phase2	1.481	Radio Channel Requirement (RCR)	dualHR	☐
		1.482		FR	☐
		1.483		dualFR	☐
3	Phase2	1.484	Intermediate Rate (IR)	8 kbps	☐
		1.485		16 kbps	☐
4	Phase2	1.486	User Rate (UR)	1.2	☐
		1.487		2.4	☐
		1.488		4.8	☐
		1.489		9.6	☐
5	R96	1.490	Fixed Network User Rate (FNUR)	9.6	☐
		1.491		14.4	☐
		1.492		19.2	☐
		1.493		28.8	☐
		1.494		38.4	☐
		1.495		48	☐
		1.496		56	☐
		1.497		NAV	☐
6	R96	1.498	Acceptable channel codings (ACC)	4.8	☐
		1.499		9.6	☐
		1.500		14.4	☐
		1.501		NAV	☐
7	R96	1.502	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.503		2	☐
		1.504		3	☐
		1.505		4	☐
		1.506		NAV	☐
5a	---	1.507	all allowed combinations according 3GPP TS 07.01 A2 1.3.1.1 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐

Table A.10 (3GPP TS 51.010-2)**: Bearer Service 30..34, UDI, X.32**

Item	Release	Bearer Capability Elements		Values	
				Allowed	Supported
1	Phase2	1.508	Radio Channel Requirement (RCR)	dualHR	☐
		1.509		FR	☐
		1.510		dualFR	☐
2	Phase2	1.511	Intermediate Rate (IR)	8 kbps	☐
		1.512		16 kbps	☐
3	Phase2	1.513	User Rate (UR)	2.4	☐
		1.514		4.8	☐
		1.515		9.6	☐
4	Ph2(R96)	1.516	User Info Layer 2 Protocol (UIL2P)	X.25	☐
		1.517		(X.75)	☐
5	Ph2(R96)	1.518	Rate Adaptation (RA)	X.31Flag	☐
		1.519		(V.120)	☐
6	R96	1.520	Fixed Network User Rate (FNUR)	9.6	☐
		1.521		14.4	☐
		1.522		19.2	☐
		1.523		28.8	☐
		1.524		38.4	☐
		1.525		48	☐
		1.526		56	☐
		1.527		NAV	☐
7	R96	1.528	Wanted Air Interface User Rate (WAIUR)	9.6	☐
		1.529		14.4	☐
		1.530		19.2	☐
		1.531		28.8	☐

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Item	Release	Bearer Capability Elements	Values	
			Allowed	Supported
		1.532	38.4	☐
		1.533	43.2	☐
		1.534	57	☐
		1.535	NAV	☐

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Item	Release		Bearer Capability Elements		Values	
					Allowed	Supported
8	R96	1.536	User Initiated Modification Indication (UIMI)		not req	☐
		1.537			upto1	☐
		1.538			upto2	☐
		1.539			upto3	☐
		1.540			upto4	☐
		1.541			NAV	☐
9	R96	1.542	Acceptable channel codings (ACC)		4.8	☐
		1.543			9.6	☐
		1.544			14.4	☐
		1.545			NAV	☐
10	R96	1.546	Maximum number of Traffic Channels (MaxNumTCH)		1	☐
		1.547			2	☐
		1.548			3	☐
		1.549			4	☐
		1.550			NAV	☐
4a	---	1.551	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.2 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐	

Table A.10a (3GPP TS 51.010-2)**: Bearer Service 30..34, UDI, 48 kbps and 56 kbps bit transparent**

Item	Release		Bearer Capability Elements		Values	
					Allowed	Supported
1	Phase2	1.552	Signalling Access Protocol (SAP)		I.440	☐
		1.553			X.21	☐
2	R96	1.554	Fixed Network User Rate (FNUR)		48	☐
		1.555			56	☐
3	---	1.556	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐	

Table A.10b (3GPP TS 51.010-2)**: Bearer Service 30..34, UDI, 64 kbps bit transparent**

Item	Release		Bearer Capability Elements		Values	
					Allowed	Supported
1	Phase2	1.557	Signalling Access Protocol (SAP)		I.440	☐
		1.558			X.21	☐
2	R96	1.559	Acceptable channel codings (ACC)		9.6	☐
		1.560			14.4	☐
3	R96	1.561	Maximum number of Traffic Channels (MaxNumTCH)		5	☐
		1.562			6	☐
4	---	1.563	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐	

Table A.11 (3GPP TS 51.010-2)**: Bearer Service 30..34, 3.1 kHz, Non-X.32**

Item	Release		Bearer Capability Elements		Values	
					Allowed	Supported
1	Phase2	1.564	Radio Channel Requirement (RCR)		dualHR	☐
		1.565			FR	☐
		1.566			dualFR	☐
2	Phase2	1.567	Intermediate Rate (IR)		8 kbps	☐
		1.568			16 kbps	☐
3	Phase2	1.569	User Rate (UR)		1.2	☐
		1.570			2.4	☐
		1.571			4.8	☐
		1.572			9.6	☐
4	Phase2	1.573	Modem Type (MT)		V.22	☐
		1.574			V.22bis	☐
		1.575			V.26ter	☐
		1.576			V.32	☐
5	R96	1.577	Other Modem Type (OMT)		no other MT	☐
		1.578			V.34	☐
		1.579			NAV	☐
6	R96	1.580	Fixed Network User Rate (FNUR)		9.6	☐
		1.581			14.4	☐
		1.582			19.2	☐
		1.583			28.8	☐

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Item	Release	Bearer Capability Elements	Values	
			Allowed	Supported
		1.584	NAV	☐

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Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
7	R96	1.585	Acceptable channel codings (ACC)	4.8	☐
		1.586		9.6	☐
		1.587		14.4	☐
		1.588		NAV	☐
8	R96	1.589	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.590		2	☐
		1.591		3	☐
		1.592		4	☐
		1.593		NAV	☐
5a	---	1.594	all allowed combinations according to 3GPP TS 07.01 B.1.3.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

Table A.12 (3GPP TS 51.010-2)**: Bearer Service 30..34, 3.1kHz, X.32**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.595	Connection Element (CE)	NT	☐
		1.596		bothNT	☐
		1.597		T	☐
		1.598		bothT	☐
2	Phase2	1.599	Radio Channel Requirement (RCR)	dualHR	☐
		1.600		FR	☐
		1.601		dualFR	☐
3	Phase2	1.602	Intermediate Rate (IR)	8 kbps	☐
		1.603		16 kbps	☐
4	Phase2	1.604	User Rate (UR)	2.4	☐
		1.605		4.8	☐
		1.606		9.6	☐
5	Phase2	1.607	Modem Type (MT)	V.22bis	☐
		1.608		V.26ter	☐
		1.609		V.32	☐
6	R96	1.610	Other Modem Type (OMT)	no other MT	☐
		1.611		V.34	☐
		1.612		NAV	☐
7	R96	1.613	Fixed Network User Rate (FNUR)	9.6	☐
		1.614		14.4	☐
		1.615		19.2	☐
		1.616		28.8	☐
		1.617		NAV	☐
8	R96	1.618	Wanted Air Interface User Rate (WAIUR)	9.6	☐
		1.619		14.4	☐
		1.620		19.2	☐
		1.621		28.8	☐
		1.622		NAV	☐
9	R96	1.623	Acceptable channel codings (ACC)	4.8	☐
		1.624		9.6	☐
		1.625		14.4	☐
		1.626		NAV	☐
10	R96	1.627	User Initiated Modification Indication (UIMI)	not req.	☐
		1.628		upto1	☐
		1.629		upto2	☐
		1.630		upto3	☐
		1.631		upto4	☐
		1.632		NAV	☐
11	R96	1.633	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.634		2	☐
		1.635		3	☐
		1.636		4	☐
		1.637		NAV	☐
6a	---	1.638	all allowed combinations according to 3GPP TS 07.01 B.1.3.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

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Table A.13 (3GPP TS 51.010-2)**: Bearer Service 40..46, PAD Access**

Item	Release		Bearer Capability Elements	Allowed	Supported
1	Phase2	1.639	Connection Element (CE)	NT	☐
		1.640		bothNT	☐
		1.641		T	☐
		1.642		bothT	☐
2	Phase2	1.643	User Info Layer 2 Protocol (UIL2P)	ISO6429	☐
		1.644		COPnoFlCt	☐
		1.645		NAV	☐
3	Phase2	1.646	Number of Data Bits(NDB)	7 bits	☐
		1.647		8 bits	☐
4	Phase2	1.648	Parity Information (NPB)	odd	☐
		1.649		even	☐
		1.650		0	☐
		1.651		1	☐
		1.652		none	☐
5	Phase2	1.653	Number of Stop Bits (NSB)	1 bit	☐
		1.654		2 bits	☐
6	Phase2	1.655	Radio Channel Requirement (RCR)	dualHR	☐
		1.656		FR	☐
		1.657		dualFR	☐
7	Phase2	1.658	Intermediate Rate (IR)	8 kbps	☐
		1.659		16 kbps	☐
8	Phase2	1.660	User Rate (UR)	0.3	☐
		1.661		1.2	☐
		1.662		2.4	☐
		1.663		4.8	☐
		1.664		9.6	☐
		1.665		1.2/0.075	☐
9	R96	1.666	Fixed Network User Rate (FNUR)	9.6	☐
		1.667		14.4	☐
		1.668		19.2	☐
		1.669		28.8	☐
		1.670		38.4	☐
		1.671		48	☐
		1.672		56	☐
		1.673		NAV	☐
10	R96	1.674	Wanted Air Interface User Rate (WAIUR)	9.6	☐
		1.675		14.4	☐
		1.676		19.2	☐
		1.677		28.8	☐
		1.678		38.4	☐
		1.679		43.2	☐
		1.680		57.6	☐
		1.681		NAV	☐
11	R96	1.682	Acceptable channel codings (ACC)	4.8	☐
		1.683		9.6	☐
		1.684		14.4	☐
		1.685		NAV	☐
12	R96	1.686	User Initiated Modification Indication (UIMI)	not req.	☐
		1.687		upto1	☐
		1.688		upto2	☐
		1.689		upto3	☐
		1.690		upto4	☐
		1.691		NAV	☐
13	R96	1.692	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.693		2	☐
		1.694		3	☐
		1.695		4	☐
		1.696		NAV	☐
9a	---	1.697	all allowed combinations according to 3GPP TS 07.01 B.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

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Table A.14 (3GPP TS 51.010-2)**: Bearer Service 50..53, Data Packet Duplex Synchronous**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.698	Radio Channel Requirement (RCR)	dualHR	☐
		1.699		FR	☐
		1.700		dualFR	☐
2	Phase2	1.701	Intermediate Rate (IR)	8 kbps	☐
		1.702		16 kbps	☐
3	Phase2	1.703	User Rate (UR)	0.3	☐
		1.704		1.2	☐
		1.705		2.4	☐
		1.706		4.8	☐
		1.707		9.6	☐
		1.708		1.2/0.075	☐
4	R96	1.709	Fixed Network User Rate (FNUR)	9.6	☐
		1.710		14.4	☐
		1.711		19.2	☐
		1.712		28.8	☐
		1.713		38.4	☐
		1.714		48	☐
		1.715		56	☐
		1.716		NAV	☐
5	R96	1.717	Wanted Air Interface User Rate (WAIUR)	9.6	☐
		1.718		14.4	☐
		1.719		19.2	☐
		1.720		28.8	☐
		1.721		38.4	☐
		1.722		43.2	☐
		1.723		57.6	☐
		1.724		NAV	☐
6	R96	1.725	Acceptable channel codings (ACC)	4.8	☐
		1.726		9.6	☐
		1.727		14.4	☐
		1.728		NAV	☐
7	R96	1.729	User Initiated Modification Indication (UIMI)	not req.	☐
		1.730		upto1	☐
		1.731		upto2	☐
		1.732		upto3	☐
		1.733		upto4	☐
		1.734		NAV	☐
8	R96	1.735	Maximum number of Traffic Channels (MaxNumTCH)	1	☐
		1.736		2	☐
		1.737		3	☐
		1.738		4	☐
		1.739		NAV	☐
4a	---	1.740	all allowed combinations according to 3GPP TS 07.01 B.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

Table A.15 (3GPP TS 51.010-2)**: Bearer Service 61, Alternate Speech/Data, "Speech"**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.741	Radio Channel Requirement (RCR)	dualHR	☐
		1.742		FR	☐
		1.743		dualFR	☐

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Table A.16 (3GPP TS 51.010-2)**: Bearer Service 61, Alternate Speech/Data, 3.1kHz, Async**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.744	Connection Element (CE)	NT	☐
		1.745		bothNT	☐
		1.746		T	☐
		1.747		bothT	☐
2	Phase2	1.748	User Info Layer 2 Protocol (UIL2P)	ISO6429	☐
		1.749		COPnoFICt	☐
		1.750		NAV	☐
3	Phase2	1.751	Number of Data Bits (NDB)	7 bits	☐
		1.752		8 bits	☐
4	Phase2	1.753	Parity Information (NPB)	odd	☐
		1.754		even	☐
		1.755		0	☐
		1.756		1	☐
		1.757		none	☐
5	Phase2	1.758	Number of Stop Bits (NSB)	1 bit	☐
		1.759		2 bits	☐
6	Phase2	1.760	Radio Channel Requirement (RCR)	dualHR	☐
		1.761		FR	☐
		1.762		dualFR	☐
7	Phase2	1.763	Intermediate Rate (IR)	8 kbps	☐
		1.764		16 kbps	☐
8	Phase2	1.765	User Rate (UR)	0.3	☐
		1.766		1.2	☐
		1.767		2.4	☐
		1.768		4.8	☐
		1.769		9.6	☐
		1.770		1.2/0.075	☐
9	R96	1.771	Modem Type (MT)	V.21	☐
		1.772		V.22	☐
		1.773		V.22bis	☐
		1.774		V.26ter	☐
		1.775		V.32	☐
		1.776		V.23	☐
		1.777		auto1	☐
10	---	1.778	all allowed combinations according to 3GPP TS 07.01 B.1.6.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

Table A.17 (3GPP TS 51.010-2)**: Bearer Service 61, Alternate Speech/Data, 3.1kHz, Sync**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.779	Radio Channel Requirement (RCR)	dualHR	☐
		1.780		FR	☐
		1.781		dualFR	☐
2	Phase2	1.782	Intermediate Rate (IR)	8 kbps	☐
		1.783		16 kbps	☐
3	Phase2	1.784	User Rate (UR)	1.2	☐
		1.785		2.4	☐
		1.786		4.8	☐
		1.787		9.6	☐
4	R96	1.788	Modem Type (MT)	V.22	☐
		1.789		V.22bis	☐
		1.790		V.26ter	☐
		1.791		V.32	☐
5	---	1.792	all allowed combinations according to 3GPP TS 07.01 B.1.6.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

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Table A.18 (3GPP TS 51.010-2)**: Bearer Service 81, Speech followed by Data, "Speech"**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.793	Radio Channel Requirement (RCR)	dualHR	☐
		1.794		FR	☐
		1.795		dualFR	☐

Table A.19 (3GPP TS 51.010-2)**: Bearer Service 81, Speech followed by Data, 3.1kHz, Async**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.796	Connection Element (CE)	NT	☒
		1.797		bothNT	☒
		1.798		T	☒
		1.799		bothT	☒
2	Phase2	1.800	User Info Layer 2 Protocol (UIL2P)	ISO6429	☒
		1.801		COPnoFlCt	☒
		1.802		NAV	☒
3	Phase2	1.803	Number of Data Bits(NDB)	7 bits	☒
		1.804		8 bits	☒
4	Phase2	1.805	Parity Information (NPB)	odd	☒
		1.806		even	☒
		1.807		0	☒
		1.808		1	☒
		1.809		none	☒
5	Phase2	1.810	Number of Stop Bits (NSB)	1 bit	☒
		1.811		2 bits	☒
6	Phase2	1.812	Radio Channel Requirement (RCR)	dualHR	☒
		1.813		FR	☒
		1.814		dualFR	☒
7	Phase2	1.815	Intermediate Rate (IR)	8 kbps	☐
		1.816		16 kbps	☐
8	Phase2	1.817	User Rate (UR)	0.3	☒
		1.818		1.2	☒
		1.819		2.4	☒
		1.820		4.8	☒
		1.821		9.6	☒
		1.822		1.2/0.075	☒
9	R96	1.823	Modem Type (MT)	V.21	☐
		1.824		V.22	☐
		1.825		V.22bis	☐
		1.826		V.26ter	☐
		1.827		V.32	☐
		1.828		V.23	☐
		1.829		auto1	☐
10	---	1.830	all allowed combinations according to 3GPP TS 07.01 B.1.7.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

Table A.20 (3GPP TS 51.010-2)**: Bearer Service 81, Speech followed by Data, 3.1kHz, Sync**

Item	Release		Bearer Capability Elements	Values	
				Allowed	Supported
1	Phase2	1.831	Radio Channel Requirement (RCR)	dualHR	☐
		1.832		FR	☐
		1.833		dualFR	☐
2	Phase2	1.834	Intermediate Rate (IR)	8 kbps	☐
		1.835		16 kbps	☐
3	Phase2	1.836	User Rate (UR)	1.2	☐
		1.837		2.4	☐
		1.838		4.8	☐
		1.839		9.6	☐
4	R96	1.840	Modem Type (MT)	V.22	☐
		1.841		V.22bis	☐
		1.842		V.26ter	☐
		1.843		V.32	☐
5	---	1.844	all allowed combinations according 3GPP TS 07.01 B.1.7.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description)	☐	

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Table A.21 (3GPP TS 51.010-2)**: Teleservice 11..12, Speech**

Item	Release	Bearer Capability Elements			Values	
					Allowed	Supported
1	Phase2	1.845	Radio Channel Requirement (RCR)		dualHR	☒
		1.846			FR	☒
		1.847			dualFR	☒

Table A.22 (3GPP TS 51.010-2)**: Alternate Speech and Facsimile group 3, Speech**

Item	Release	Bearer Capability Elements			Values	
					Allowed	Supported
1	Phase2	1.848	Radio Channel Requirement (RCR)		dualHR	☐
		1.849			FR	☐
		1.850			dualFR	☐

Table A.23 (3GPP TS 51.010-2)**: Alternate Speech and Facsimile group 3, Facsimile group 3**

Item	Release	Bearer Capability Elements			Values	
					Allowed	Supported
1	Phase2	1.851	Connection Element (CE)		NT	☐
		1.852			bothNT	☐
		1.853			T	☐
		1.854			bothT	☐
2	Phase2	1.855	User Info Layer 2 Protocol (UIL2P)		X.25	☐
		1.856			NAV	☐
3	Phase2	1.857	Intermediate Rate (IR)		8 kbps	☐
		1.858			16 kbps	☐
4	Phase2	1.859	User Rate (UR)		2.4	☐
		1.860			4.8	☐
		1.861			9.6	☐
5	---	1.862	all allowed combinations according 3GPP TS 07.01 B.1.10.2 (3GPP TS 27.001) implemented (if not, provide detailed description)		☐	

Table A.24 (3GPP TS 51.010-2)**: Teleservice 62, Automatic G3 fax**

Item	Release	Bearer Capability Elements			Values	
					Allowed	Supported
1	Phase2	1.863	Connection Element (CE)		NT	☐
		1.864			bothNT	☐
		1.865			T	☒
		1.866			bothT	☒
2	Phase2	1.867	User Info Layer 2 Protocol (UIL2P)		X.25	☒
		1.868			NAV	☒
3	Phase2	1.869	Intermediate Rate (IR)		8 kbps	☒
		1.870			16 kbps	☒
4	Phase2	1.871	User Rate (UR)		2.4	☒
		1.872			4.8	☒
		1.873			9.6	☒
5	---	1.874	all allowed combinations according to 3GPP TS 07.01 B.1.11 (3GPP TS 27.001, annex B) implemented (if not, provide detailed description)		☐	

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Table A.25 (3GPP TS 51.010-2)**: Additional Information**

Item	Release		Additional Information	Supported
1	Phase2	1.875	at least one half rate service	☒
2	Phase2	1.876	Speech supported for Full rate version 1 (GSM FR)	☒
3	Phase2	1.877	Speech supported for Half rate version 1 (GSM HR)	☒
4	Phase2	1.878	at least one data service	☒
5	Phase2	1.879	at least one full rate data service	☒
6	Phase2	1.880	at least one half rate data service	☐
7	Phase2	1.881	at least one non transparent data service	☒
8	Phase2	1.882	at least one transparent data service	☒
9	Phase2	1.883	only transparent data service	☐
10	Phase2	1.884	at least one asynchronous data service	☒
11	Phase2	1.885	at least one asynchronous non transparent data service	☒
12	Phase2	1.886	2.4 k full rate data mode	☒
13	Phase2	1.887	2.4 k half rate data mode	☐
14	Phase2	1.888	4.8 k full rate data mode	☒
15	Phase2	1.889	4.8 k half rate data mode	☐
16	Phase2	1.890	9.6 k full rate data mode	☒
17	Phase2	1.891	non transparent service with full rate channel at a user rate of 4.8 kbit/s	☒
18	Phase2	1.892	at least one bearer capability	☒
19	Phase2	1.893	at least one MT circuit switched basic service	☒
20	Phase2	1.894	at least one MO circuit switched basic service	☒
21	Phase2	1.895	only SDCCH	☐
22	Phase2	1.896	at least one service on traffic channel supported	☒
23	Phase2	1.897	dual rate radio channel types (no relation to supported speech codecs)	☐
24	Phase2	1.898	only full rate radio channel type (no relation to supported speech codecs)	☒
25	Phase2	1.899	at least one teleservice	☒
26	Phase2	1.900	CC protocol for at least one BC	☒
27	Phase2	1.901	only circuit switched basic service supported by the mobile is emergency call	☐
28	Phase2	1.902	Fax Error Correction Mode	☐
29	Phase2	1.903	at least one supplementary service	☒
30	Phase2	1.904	non call related supplementary service	☒
31	Phase2	1.905	at least one short message service	☒
32	Phase2	1.906	(SMS) reply procedure	☐
33	Phase2	1.907	replace SMS	☐
34	Phase2	1.908	display of received SMS	☒
35	Phase2	1.909	SMS status report capabilities	☒
36	Phase2	1.910	Storing of short messages in the SIM	☒
37	Phase2	1.911	Storing of short messages in the ME	☒
38	Phase2	1.912	detach on power down	☒
39	Phase2	1.913	detach on SIM remove	☒
40	Phase2	1.914	SIM removable without power down	☒
41	Phase2	1.915	ID-1 SIM	☐
42	Phase2	1.916	Plug-In SIM	☒
43	Phase2	1.917	Disable PIN feature	☒
44	Phase2	1.918	PIN2 feature	☒
45	Phase2	1.919	Feature requiring entry of PIN2	☒
46	Phase2	1.920	Chars 0-9, *, # supported	☒
47	Phase2	1.921	A, B, C, D chars. supported	☒
48	Phase2	1.922	automatically enter automatic selection of PLMN mode	☒
49	Phase2	1.923	alerting indication to the user	☒
50	R98	1.924	Appl. Layer is always running	☐
51	Phase2	1.925	Immediate connect supported for all circuit switched basic services	☐
52	Phase2	1.926	In-Call modification	☒
53	Phase2	1.927	follow-on request procedure	☒
54	Phase2	1.928	refusal of call	☐
55	Phase2	1.929	RF amplification	☐
56	Phase2	1.930	Number of B-party number for autocalling is greater than the number of entries in the blacklist	☐
57	Phase2	1.931	Handset MS supporting speech	☐
58	Phase2	1.932	MT2 Configuration	☒
59	Phase2	1.933	MT2 Configuration or any other possibility to send data over Um interface	☒
60	Rel-4	1.934	Permanent Antenna Connector	☒
61	Phase2	1.935	Pseudo-synchronized handover supported	☒
62	R96	1.936	5V only SIM/ME interface	☐
63	R96	1.937	3V only SIM/ME interface	☒
64	R96	1.938	3V/5V SIM/ME interface	☐
65	Phase2	1.939	Speech supported for Full rate version 2 (GSM EFR)	☒

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Item	Release		Additional Information	Supported
66a	Phase2	1.940	RLP supports non default parameters	☒
66b	R96	1.941	Support of listening to voice broadcast calls (VBS listening)	☐
67	R96	1.942	Support of originating voice broadcast call (VBS originating)	☐
68	R96	1.943	Support of listening to voice group calls (VGCS listening)	☐
69	R96	1.944	Support of talking in voice group calls (VGCS talking)	☐
70	R96	1.945	Support of originating voice group call (VGCS originating)	☐
71	R96	1.946	Support reduced NCH monitoring	☐
72	R96	1.947	14.4 k data mode	☒
73	Phase2	1.948	Implementation of cause number 27 of busy autocalling in category 2	☐
74	Phase2	1.949	Implementation of cause number 27 of busy autocalling in category 3	☐
75		1.950	(Void)	---
76	Phase2 *	1.951	Artificial ear type 1 (* Phase 2 up to and including Release 4)	☒
77	Phase2	1.952	Artificial ear type 3.2, Low leak option	☐
78	R96	1.953	Artificial ear type 3.4	☒
79	R98	1.954	Speech supported for Full rate version 3 (FR AMR)	☐
80	R96	1.955	NCH monitoring in group receive mode	☐
81	R96	1.956	NCH monitoring in group transmit mode	☐
82	R96	1.957	NCH monitoring in dedicated mode	☐
83	R97	1.958	Support of one PDP context activation	☒
84	R97	1.959	Support of more than one PDP context activation	☐
85	R97	1.960	Support of more than one PDP context activation simultaneously on the same SAPI	☐
86	R97	1.961	Support of GPRS data compression	☐
87	R98	1.962	Support of GPRS header compression	☒
88	R97	1.963	Support of Network requested PDP context activation	☒
89	R97	1.964	Support for user settings of minimum QoS	☒
90	R97	1.965	Automatic GPRS attach procedure at switch-on/power-on	☒
91	R97	1.966	MMI controlled attach/detach procedures for non-GPRS services	☒
92	R97	1.967	Automatic attach procedure when MS identity cannot derived by the network	☒
93	R98	1.968	Automatic MM IMSI attach procedure at switch-on / power-on	☒
94	R96	1.969	Support of SIM Application Toolkit	☒
95	R98	1.970	1,8V only SIM/ME interface	☒
96	R98	1.971	1,8V/3V SIM/ME interface	☒
97	Phase2	1.972	Multiple SM MO/PP on same RR link	☒
98	Phase2	1.973	Support of stored list cell selection	☒
99	Phase2	1.974	at least one service not support immediate connection	☒
100		1.975	(Void)	---
101		1.976	(Void)	---
102	Phase2	1.977	EFR_EmgCallSetup message contains the bearer capability	☒
103	Phase2	1.978	Support of MonitorPCH_GroupTransmitMode	☐
104	Rel-4	1.979	Integral_Antenna Connector	☐
105	R97	1.980	User requested combined GPRS and non-GPRS detached without powering off	☒
106	R97	1.981	User requested non-GPRS detached	☒
107	Phase2	1.982	Artificial ear type 3.2, High leak option	☐
108	R96	1.983	Artificial ear type 3.3	☐
109	Phase2	1.984	Support of Multiple SMS	☒
110	R97	1.985	Cell Reselection after T3184 Expiry	☐
111	R97	1.986	GPRS attach attempted automatically due to outstanding request	☒
112	R98	1.987	Speech supported for Half rate version 3 (HR AMR)	☐
113	R5	1.988	AMR LoopBack Modes	☐
114	R99	1.989	TTY services	☒
115	R99	1.990	Support of Secondary PDP Context Activation	☐
116	Phase2	1.991	Support of MO SMS Concatenation	☒
117	Phase2	1.992	Support of MT SMS Concatenation	☒
118	R97	1.993	NITZ Supported	☒
119	R97	1.994	R97/98 MS Use of DST (Daylight Saving Time)	☐
120	R97	1.995	Deletion of NITZ parameters supported	☒
121	R97	1.996	Re-attach automatically when the network commands a detach with no cause value	☐
122	R98	1.997	Support of GPRS header compression algorithm type RFC 1144	☒
123	R99	1.998	Support of GPRS header compression algorithm type RFC 2507	☐
124	Rel-6	1.999	Support of ROHC algorithm type RFC 3241	☐
125	Rel-6	1.1000	Support of ROHC algorithm type RFC 3242	☐
126	Rel-6	1.1001	Support of ROHC algorithm type RFC 3408	☐
127	Rel-6	1.1002	Support of ROHC algorithm type RFC 3095	☐
128	R97	1.1003	The way to trigger transferring of new user data in a different PDP context while an uplink transfer is in progress	☐
129	R99	1.1004	Support of DARP phase 1	☐
130	R99	1.1005	Support of Card Application	☐

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Item	Release		Additional Information	Supported
131	Rel-5	1.1006	Support of GSM half rate speech version 6 (O-TCH/AHS)	☐
132	R99	1.1007	MS with improved receiver performance	☐
133	Rel-5	1.1008	Support of GSM speech full rate version 4 (O-TCH/WFS)	☐
134	R97	1.1009	Verification for correct repetition of new password	☐
135	R99	1.1010	MS using reduced interslot dynamic range in multislot configurations	☐
136	Rel-5	1.1011	Support of GSM speech half rate version 4 (O-TCH/WHS)	☐
137	Rel-5	1.1012	Support of GSM Speech Full Rate version 5 (TCH/WFS)	☐
138	Phase2	1.1013	Support of overwriting the existing Class 2 SMS	☐
139	Rel-6	1.1014	Support of Repeated ACCH	☐
140	R98	1.1015	Support for a method for resetting stored A-GPS assistance data	☐

Table A.25.1 (3GPP TS 51.010-2)**: Additional Information (requiring values)**

Item	Release		Additional Information	Support		Values	
						Allowed	Supported
1	R98	1.1016	AMR C/I normalization factor (units: dB)	1.1017	☐	$0 \ldots \infty$	
2	R98	1.1018	Loop C delay (round trip delay, in number of TDMA frames)	1.1019	☐	$1 \ldots \infty$	
3	R99	1.1020	AMR C/I normalization factors (AFS, DARP) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3 (units: dB)	1.1021	☐	$0 \ldots \infty$, $0 \ldots \infty$, ... $0 \ldots \infty$	
4	R99	1.1022	AMR C/I normalization factors (AHS, DARP) 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4 (units: dB)	1.1023	☐	$0 \ldots \infty$, $0 \ldots \infty$, ... $0 \ldots \infty$	
5	Rel-5	1.1024	O-TCH/F C/I normalisation factor (units: dB)	1.1025	☐	$0 \ldots \infty$	

Support of UTRAN Radio Access Technology

Table A.27 (3GPP TS 51.010-2)**: Support of UTRAN Radio Access Technology**

Item	Release		Additional Information	Supported
1	R99	1.1026	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL 3.4 kbps SRBs for DCCH	☐
2	R99	1.1027	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL 3.4 kbps SRBs for DCCH	☐
3	R99	1.1028	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL 3.4 kbps SRBs for DCCH	☐
4	R99	1.1029	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL 3.4 kbps SRBs for DCCH	☐

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Support of SIM Application Toolkit

Supported SIM Application Toolkit Releases

Item		SIM Application Toolkit Release	Supported
1	1.1030	ME supports **all** SIM Application Toolkit features according to R96	☐
2	1.1031	ME supports **all** SIM Application Toolkit features according to R97	☐
3	1.1032	ME supports **all** SIM Application Toolkit features according to R98	☐
4	1.1033	ME supports **all** SIM Application Toolkit features according to R99	☒

Table of Optional Features (according to 3GPP TS 51.010-4 Section 3.3 Table A.1)

Item		Option	Supported
1	1.1034	Capability Configuration parameter	☒
2	1.1035	Sustained text	☐
3	1.1036	UCS2 coding scheme for Entry	☒
4	1.1037	Extended Text String	☒
5	1.1038	Help information	☒
6	1.1039	Icons	☐
7	1.1040	Class A: Dual Slot	☐
8	1.1041	Detachable reader	☐
9	1.1042	Class B: RUN AT	☐
10	1.1043	Class C: LAUNCH BROWSER	☐
11	1.1044	Class D: Soft keys	☐
12	1.1045	Class E: B.I.P related to CSD	☐
13	1.1046	Screen sizing parameters	☐
14	1.1047	Screen Resizing	☐
15	1.1048	UCS2 coding scheme for Display	☒
16	1.1049	Mobile supporting GPRS	☒
17	1.1050	Mobile supporting UDP	☐
18	1.1051	Mobile supporting TCP	☐
19	1.1052	Redial in Set Up Call	☐
20	1.1053	Mobile decision to respond with "No response from user" in finite time	☒
21	1.1054	Class E: B.I.P related to GPRS	☐
22	1.1055	Mobile supporting Called Party Subaddress	☒
23	1.1056	Mobile supporting Fixed Dialling Numbers	☐
24	1.1057	Mobile supporting Barred Dialling Numbers	☐
25	1.1058	Mobile supporting "+CIMI" in combination with Run AT Command	☐
26	1.1059	UCS2 in Cyrillic	☐
27	1.1060	Mobile supporting '9EXX'response code for SIM data download error	☒
28	1.1061	Mobile supporting Envelope Call Control always sent to the SIM during automatic redial mode	☐
29	1.1062	Mobile supporting 2nd alpha identifier in SET UP CALL	☐
30	1.1063	Mobile supporting Open Channel (GPRS) not containing a Network Access Name TLV when no default Access Point Name is set in the terminal configuration	☐
31	1.1064	Preferred buffer size supported by the terminal for Open Channel command is greater than 0 byte and less than 65535 bytes	☐
32	1.1065	Terminal supports Dual Transfer Mode (allowing GPRS connection and call at the same time)	☐
33	1.1066	Terminal supports Long ForwardToNumber	☐
34	1.1067	Terminal executes User confirmation phase before sending PDP context activation request	☐

ME's default configuration (according to 3GPP TS 51.010-4 Section 5.4 Table A.2)

Item		Description	Status	Value
1	1.1068	DISPLAY TEXT: No response from user Timeout interval	1.1069	
2	1.1070	GET INKEY: No response from user Timeout interval	1.1071	
3	1.1072	GET INPUT: No response from user Timeout interval	1.1073	
4	1.1074	SELECT ITEM: No response from user Timeout interval	1.1075	
5	1.1076	Preferred buffer size supported by the terminal for Open Channel command	1.1077	
1.1078		NOTE: Conditional values shall be provided if the corresponding option is supported in the Table A.1		

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Additional SIM Application Toolkit Information (see options O.1/O.2 within to 3GPP TS 51.010-4 Section 3.4 Table B.1)

Item	Release	Additional Information	Supported
1	R98	1.1079 ME supports icons as defined in record 1 of EF$_{IMG}$ within 3GPP TS 51.010-4 section 27.22.2A 'Definition of default values for SIM Application Toolkit testing'	☐
2	R98	1.1080 ME supports icons as defined in record 2 of EF$_{IMG}$ within 3GPP TS 51.010-4 section 27.22.2A 'Definition of default values for SIM Application Toolkit testing'	☐

Details of TERMINAL PROFILE Support (according to 3GPP TS 51.010-4 Annex E)

Item	Release	Terminal Profile	Supported
1	R96	1.1081 Profile Download	☒
2	R96	1.1082 SMS-PP data download	☒
3	R96	1.1083 Cell Broadcast data download	☒
4	R96	1.1084 Menu selection	☒
5	R97	1.1085 '9EXX' response code for SIM data download error	☒
6	R98	1.1086 Timer expiration	☐
7	R98	1.1087 USSD string data object supported in call control	☒
8	R99	1.1088 Envelope Call Control always sent to the SIM during automatic redial mode	☐
9	R96	1.1089 Command result	☒
10	R96	1.1090 Call Control by SIM	☒
11	R97	1.1091 Cell identity included in Call Control by SIM	☒
12	R98	1.1092 MO short message control by SIM	☒
13	R97	1.1093 Handling of the alpha identifier	☒
14	R97	1.1094 UCS2 Entry supported	☒
15	R97	1.1095 UCS2 Display supported	☒
16	R98	1.1096 Display of the extension text	☒
17	R96	1.1097 DISPLAY TEXT	☒
18	R96	1.1098 GET INKEY	☒
19	R96	1.1099 GET INPUT	☒
20	R96	1.1100 MORE TIME	☒
21	R96	1.1101 PLAY TONE	☒
22	R96	1.1102 POLL INTERVAL	☒
23	R96	1.1103 POLLING OFF	☒
24	R96	1.1104 REFRESH	☒
25	R96	1.1105 SELECT ITEM	☒
26	R96	1.1106 SEND SHORT MESSAGE	☒
27	R96	1.1107 SEND SS	☒
28	R98	1.1108 SEND USSD	☒
29	R96	1.1109 SET UP CALL	☒
30	R96	1.1110 SET UP MENU	☒
31	R96	1.1111 PROVIDE LOCAL INFORMATION (LOCI & IMEI)	☒
32	R97	1.1112 PROVIDE LOCAL INFORMATION (NMR)	☒
33	R98	1.1113 SET UP EVENT LIST	☒
34	R98	1.1114 Event : MT call	☒
35	R98	1.1115 Event : Call connected	☒
36	R98	1.1116 Event : Call disconnected	☒
37	R98	1.1117 Event : Location status	☒
38	R98	1.1118 Event : User activity	☒
39	R98	1.1119 Event : Idle screen available	☒
40	R98	1.1120 Event : Card reader status	☐
41	R99	1.1121 Event : Language selection	☐
42	R99	1.1122 Event : Browser Termination	☐
43	R99	1.1123 Event : Data available	☐
44	R99	1.1124 Event : Channel status	☐
45	R96	1.1125 RFU	---
46	R96	1.1126 RFU	---
47	R96	1.1127 RFU	---
48	R96	1.1128 RFU	---
49	R98	1.1129 POWER ON CARD	☐
50	R98	1.1130 POWER OFF CARD	☐
51	R98	1.1131 PERFORM CARD APDU	☐
52	R98	1.1132 GET READER STATUS (Card reader status)	☐
53	R99	1.1133 GET READER STATUS (Card reader identifier)	☐
54	R96	1.1134 RFU	---
55	R96	1.1135 RFU	---
56	R96	1.1136 RFU	---
57	R98	1.1137 TIMER MANAGEMENT (start, stop)	☐

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Item	Release		Terminal Profile	Supported
58	R98	1.1138	TIMER MANAGEMENT (get current value)	☐
59	R98	1.1139	PROVIDE LOCAL INFORMATION (date, time and time zone)	☐
60	R98	1.1140	Binary choice in GET INKEY	☐
61	R98	1.1141	SET UP IDLE MODE TEXT	☐
62	R98	1.1142	RUN AT COMMAND (i.e. class "b" is supported)	☐
63	R98	1.1143	2nd alpha identifier in SET UP CALL	☐
64	R98	1.1144	2nd capability configuration parameter	☐
65	R98	1.1145	Sustained DISPLAY TEXT	☐
66	R98	1.1146	SEND DTMF command	☐
67	R98	1.1147	PROVIDE LOCAL INFORMATION - BCCH	☐
68	R99	1.1148	PROVIDE LOCAL INFORMATION (language)	☐
69	R99	1.1149	PROVIDE LOCAL INFORMATION (Timing Advance)	☐
70	R99	1.1150	LANGUAGE NOTIFICATION	☐
71	R99	1.1151	LAUNCH BROWSER	☐
72	R96	1.1152	RFU	---
73	R99	1.1153	Soft keys support for SELECT ITEM	☐
74	R99	1.1154	Soft Keys support for SET UP MENU	☐
75	R96	1.1155	RFU	---
76	R96	1.1156	RFU	---
77	R96	1.1157	RFU	---
78	R96	1.1158	RFU	---
79	R96	1.1159	RFU	---
80	R96	1.1160	RFU	---
81	R99	1.1161	Maximum number of soft keys available ('FF' = RFU)	☐
82	R99	1.1162	Maximum number of soft keys available ('FF' = RFU)	☐
83	R99	1.1163	Maximum number of soft keys available ('FF' = RFU)	☐
84	R99	1.1164	Maximum number of soft keys available ('FF' = RFU)	☐
85	R99	1.1165	Maximum number of soft keys available ('FF' = RFU)	☐
86	R99	1.1166	Maximum number of soft keys available ('FF' = RFU)	☐
87	R99	1.1167	Maximum number of soft keys available ('FF' = RFU)	☐
88	R99	1.1168	Maximum number of soft keys available ('FF' = RFU)	☐
89	R99	1.1169	OPEN CHANNEL	☐
90	R99	1.1170	CLOSE CHANNEL	☐
91	R99	1.1171	RECEIVE DATA	☐
92	R99	1.1172	SEND DATA	☐
93	R99	1.1173	GET CHANNEL STATUS	☐
94	R96	1.1174	RFU	---
95	R96	1.1175	RFU	---
96	R96	1.1176	RFU	---
97	R99	1.1177	CSD supported by ME	☐
98	R99	1.1178	GPRS supported by ME	☐
99	R96	1.1179	RFU	---
100	R96	1.1180	RFU	---
101	R96	1.1181	RFU	---
102	R99	1.1182	Number of channels supported by ME	☐
103	R99	1.1183	Number of channels supported by ME	☐
104	R99	1.1184	Number of channels supported by ME	☐
105	R99	1.1185	Number of characters supported down the ME	☐
106	R99	1.1186	Number of characters supported down the ME	☐
107	R99	1.1187	Number of characters supported down the ME	☐
108	R99	1.1188	Number of characters supported down the ME	☐
109	R99	1.1189	Number of characters supported down the ME	☐
110	R96	1.1190	RFU	---
111	R96	1.1191	RFU	---
112	R99	1.1192	Screen Sizing Parameters	☐
113	R99	1.1193	Number of characters supported across the ME display	☐
114	R99	1.1194	Number of characters supported across the ME display	☐
115	R99	1.1195	Number of characters supported across the ME display	☐
116	R99	1.1196	Number of characters supported across the ME display	☐
117	R99	1.1197	Number of characters supported across the ME display	☐
118	R99	1.1198	Number of characters supported across the ME display	☐
119	R99	1.1199	Number of characters supported across the ME display	☐
120	R99	1.1200	Variable size fonts Supported	☐
121	R99	1.1201	Display can be resized	☐
122	R99	1.1202	Text Wrapping supported	☐
123	R99	1.1203	Text Scrolling supported	☐
124	R96	1.1204	RFU	---

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Item	Release	Terminal Profile			Supported
125	R96	1.1205	RFU		---
126	R99	1.1206	Width reduction when in a menu		☐
127	R99	1.1207	Width reduction when in a menu		☐
128	R99	1.1208	Width reduction when in a menu		☐
129	R99	1.1209	TCP		☐
130	R99	1.1210	UDP		☐
131	R96	1.1211	RFU		---
132	R96	1.1212	RFU		---
133	R96	1.1213	RFU		---
134	R96	1.1214	RFU		---
135	R96	1.1215	RFU		---
136	R96	1.1216	RFU		---
137	R96	1.1217	RFU		---
138	R96	1.1218	RFU		---
139	R96	1.1219	RFU		---
140	R96	1.1220	RFU		---
141	R96	1.1221	RFU		---
142	R96	1.1222	RFU		---
143	R96	1.1223	RFU		---
144	R96	1.1224	RFU		---
145	R99	1.1225	Protocol Version		☐
146	R99	1.1226	Protocol Version		☐
147	R99	1.1227	Protocol Version		☐
148	R99	1.1228	Protocol Version		☐
149	R96	1.1229	RFU		---
150	R96	1.1230	RFU		---
151	R96	1.1231	RFU		---
152	R96	1.1232	RFU		---

PIXIT – Protocol Implementation Extra Information for Testing

Power Supply

Nominal battery voltage	5.0	V
Maximal testing voltage	5.25	V
Minimal testing voltage	4.75	V

Receiver Intermediate Frequencies	GSM850	GSM900	GSM1800	GSM1900
F_{lo} – Local Oscillator frequency applied to first receiver mixer	N/A MHz	-- MHz	-- MHz	N/A MHz
IF_1 – First intermediate frequency	N/A MHz	0.2 MHz	0.2 MHz	N/A MHz
IF_2 – Second intermediate frequency	N/A MHz	N/A MHz	N/A MHz	N/A MHz
IF_3 – Third intermediate frequency	N/A MHz	N/A MHz	N/A MHz	N/A MHz

Additional Information		Support
Controlled Early Classmark Sending		☒
Number of CP-DATA retransmissions	value:	
Timer TC1M value	value:	
MS originated XID negotiation after PDP context activation		☐
Internal Baudot-CTM signal conversion (if TTY is supported)		☐

The PICS and PIXIT information stated on the previous pages are valid for the following Terminal Equipment Type:
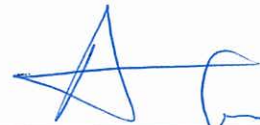
Brand Name:	**M2106+**
Terminal Equipment Type:	**Plug & Play Wireless CPU®**
Hardware Version:	**100**
Software Version:	**6.57a**

2007-04-17	**ALEX CHAN**	
Date (yyyy-mm-dd)	Printed Name	Signature

ANNEX D

of

CETECOM™

Partial GSM TEST REPORT

No. 504/07T04

for

Wavecom

GSM 900/1800 Terminal Equipment

Type M2106+

with
Final Hardware Version: 100
Final Software Version: 6.57a

Photographs

This Annex consists of 3 pages

Date of Report: 2007-04-18

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1. Photographs of the Equipment under Test

1.1 View of the Module

1.2 Top View of the Module
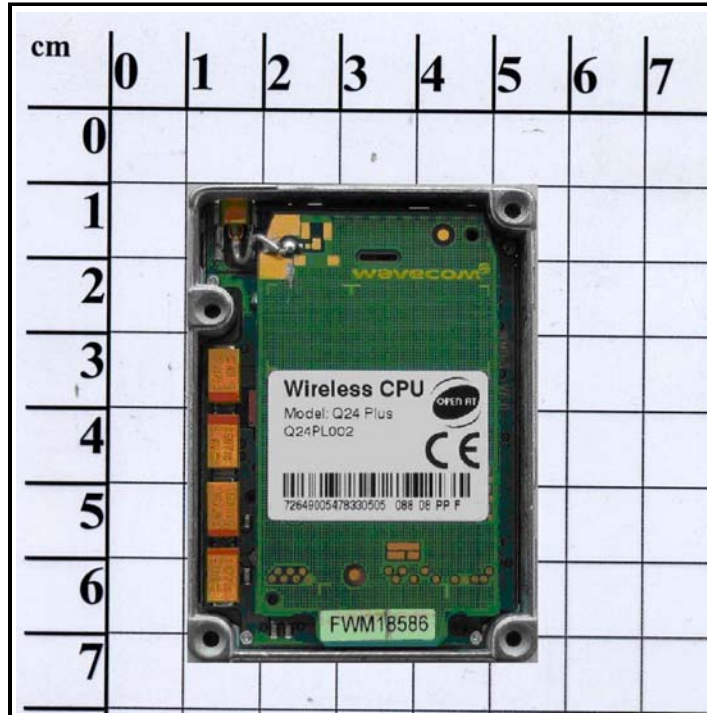
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1.3 Bottom View of the Module

1.4 Demo Board

ANNEX E

of

CETECOM™

Partial GSM TEST REPORT

No. 504/07T04

for

Wavecom

GSM 900/1800 Terminal Equipment

Type M2106+

with
Final Hardware Version: 100
Final Software Version: 6.57a

Detailed Test Results

This Annex consists of 5 pages

Date of Report: 2007-04-18

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1. General Description

This annex of the GSM Test Report includes a table with detailed test results of the Equipment under Test (EUT).

2. Terms used in the Test Result Table

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

2.1 Main Terms

The following main terms are used in the test result table:

Term	Explanation
Test Case	Test case identifier of test specification 3GPP TS 51.010-1 or 3GPP TS 51.010-4 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 GSM frequency band. The interpretation of the corresponding category is defined in Permanent Reference Document GCF-CC (for GSM 900 and/or GSM 1800) and/or in Annex H of Permanent Reference Document NAPRD.03 (for GSM 850 and/or GSM 1900).
Verdict	Verdict for each test case. See section 2.2 of this annex for detailed information.
Loc	If testing has been performed in subcontracted laboratories, this term identifies the testing location according to section 1 of Annex B.
Notes	Information about used test samples, special test situations, special test setups or special interpretations of the test results. See section 2.3 of this annex for detailed information.

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2.2 Terms in Column "Verdict"

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

Verdict	Explanation
PASS	EUT has been tested at *CETECOM*'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*'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*'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 for the given GSM frequency band.
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 the W-CDMA 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 for the given GSM frequency band or not used by the specific certification regime.

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2.3 Terms in Column "Notes"

2.3.1 Test Samples used for Testing

The 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 terminal test samples identified as EUT1 and EUT4).

2.3.2 Special Test Situations, Test Setups and Verdict Interpretations

The 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 ---	

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Test Results of Wavecom M2106+

TS 51.010-1 or TS 51.010-4 Requirement		GCF-CC (V.3.25.0) for R97/98 GSM 900				GCF-CC (V.3.25.0) for R97/98 GSM 1800			
Test Case	**Test Description**	**Cat**	**Verdict**	**Loc**	**Notes**	**Cat**	**Verdict**	**Loc**	**Notes**
12.2.1	Radiated spurious emissions - MS allocated a channel	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	**PASS**	1.2	2	A	**PASS**	1.2	2
	Normal Temperature \ Low Voltage	A	**N/A**	---	---	A	**N/A**	---	---
	Normal Temperature \ High Voltage	A	**N/A**	---	---	A	**N/A**	---	---
12.2.2	Radiated spurious emissions - MS in idle mode	---	-----	---	---	---	-----	---	---
	Normal Temperature \ Normal Voltage	A	**PASS**	1.2	2	A	**PASS**	1.2	2
	Normal Temperature \ Low Voltage	A	**N/A**	---	---	A	**N/A**	---	---
	Normal Temperature \ High Voltage	A	**N/A**	---	---	A	**N/A**	---	---
27.17.1.1	Electrical tests- Phase preceding ME power on	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.1.2	Electrical tests - Phase during SIM power on	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.1.4	Electrical tests- Phase during ME power off with clock stop allowed	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.1.5.7	Reaction of 1,8V technology MEs on type recognition of 3V technology SIMs	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.1.5.8	Reaction of 1,8V technology MEs on type recognition of 1,8V technology SIMs	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.2.1.1	Electrical tests on contact C1 / test 1	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.2.1.2	Electrical tests on contact C1 / test 2	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.2.2	Electrical tests on contact C2	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.2.3	Electrical tests on contact C3	A	**PASS**	1.1	1	A	**GSM 900**	---	---
27.17.2.5	Electrical tests on contact C7	A	**PASS**	1.1	1	A	**GSM 900**	---	---

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