



**Sporton International Inc.**



## ECO CERTIFICATION TEST REPORT

**Test of:**

**Sierra Wireless Inc. – HiLo3G-900**

**To:**

**Conformance Test Cases (GCF-CC V3.57.0)**

**Test Report Serial No: GC541525**

**Test Report Version: Rev. 01**

**Issue Date : 15 May 2015**

### Declaration by Test Laboratory

**The E-GSM900 and UMTS FDDI testing performed and shown in this report by Sporton International Inc. was conducted as per the requirements of the GCF-CC (Global Certification Forum - Certification Criteria).**

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**Brant Tsai**

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Project Manager

**Hendry Yang**

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Technical Manager

**Test of: Sierra Wireless Inc. – HiLo3G-900**

**To: Conformance Test Cases (GCF-CC V3.57.0)**

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**To: Conformance Test Cases (GCF-CC V3.57.0)**

## Revision History

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**Test of: Sierra Wireless Inc. – HiLo3G-900****To: Conformance Test Cases (GCF-CC V3.57.0)**

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## **1 Details of Test**

### **1.1 Client**

<b>Address:</b>	Sierra Wireless Inc. 13811 Wireless Way, BC V6V 3A4 Richmond, Canada
<b>Contact Name:</b>	Michael Boutboul +33146294052 mboutboul@sierrawireless.com

### **1.2 Manufacturer**

<b>Address:</b>	Sierra Wireless Inc. 13811 Wireless Way, BC V6V 3A4 Richmond, Canada
<b>Contact Name:</b>	Michael Boutboul +33146294052 mboutboul@sierrawireless.com

### **1.3 Location of Test**

#### **1.3.1 Sporton International Inc.**

<b>Address:</b>	Sporton International Inc. No. 52, Hwa Ya 1st Rd., Hwa Ya Technology, Kwei-Shan Dist., Taoyuan City, Taiwan, R. O. C.
<b>Contact Name:</b>	Mr. Hendry Yang, Laboratory Manager
<b>TAF Lab Code:</b>	1533

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**1.4 Test Environment**

<b>Testing Start Date:</b>	05 May 2015
<b>Testing End Date:</b>	05 May 2015

<b>Environmental Data:</b>	<b>Temperature (°C)</b>	<b>Humidity (%)</b>
<b>Ambient-Conditions</b>	15~35	25~75
<b>Maximum Extreme</b>	+55	N.A.
<b>Minimum Extreme</b>	-10	N.A.

<b>Normal Supply Voltage (V d.c.):</b>	3.7
<b>Maximum Extreme Supply Voltage (V d.c.):</b>	4.2
<b>Minimum Extreme Supply Voltage (V d.c.):</b>	3.2

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## **2 Details of Equipment under Test**

### **2.1 Final Equipment Build Status**

The following is the build status for which compliance has been demonstrated by test and declaration.

During the evaluation of this device any software and or hardware changes that have been made have been assessed by Sporton International Inc. Where required, regression testing has been conducted to prove continued device compliance. Where the build status has been different at other outsourcing labs utilised during the evaluation process these differences have also been included in this assessment.

#### **2.1.1 Product Build Status**

<b>Manufacturer Name:</b>	Sierra Wireless Inc.
<b>Brand Name:</b>	Sierra Wireless
<b>Model Name:</b>	HiLo3G-900
<b>Product type:</b>	Module
<b>GSM Operating Band(s):</b>	E-GSM900/DCS1800/PCS1900/GSM850
<b>UMTS Operating Band(s):</b>	FDDI/FDDII/FDDVIII
<b>Hardware Revision:</b>	48.UMCMS.0GEGUW
<b>Software Revision:</b>	H3GC,A.001.42
<b>Software Version Number:</b>	06

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**2.1.2 Key Features Supported**

The following Table defines the key features supported in the device.

<b>Feature</b>	<b>Supported</b>	<b>Release/Comments</b>
<b>GSM</b>	Y	E-GSM900/DCS1800/PCS1900/GSM850
<b>UMTS</b>	Y	FDDI/FDDII/FDDVIII
<b>CDMA2000</b>	N	Not Supported
<b>LTE</b>	N	Not Supported
<b>GPRS</b>	Y	Release 99
<b>GPRS Multi-Slot</b>	Y	GPRS Multi-Slot Class 12
<b>EGPRS</b>	Y	Release 99
<b>EGPRS Multi-Slot</b>	Y	EGPRS Multi-Slot Class 12
<b>UMTS Release</b>	Y	Release 5
<b>HSDPA</b>	Y	Category 6
<b>HSUPA</b>	N	Not Supported
<b>AMR</b>	Y	Release 99
<b>SIM Application Toolkit</b>	Y	Supported
<b>USIM Application Toolkit</b>	Y	Supported
<b>AGPS</b>	N	Not Supported
<b>TTY</b>	N	Not Supported
<b>DARP</b>	N	Not Supported
<b>OMA MMS</b>	N	Not Supported
<b>OMA SUPL</b>	N	Not Supported



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**2.2 Identification of Samples Tested**

The following summary may be used to identify the samples referenced in the test summary and any declared hardware or software modifications. Where modifications have been made, conformance has been demonstrated by regression testing declared by the manufacturer.

<b>Sample Reference</b>	<b>IMEI</b>	<b>Hardware Revision</b>	<b>Software Revision</b>	<b>Date of Receipt</b>	<b>Note</b>
02.01.01	353890044705231	48.UMCMS.0GEGUW	H3GC,A.001.42	30-Apr-15	—
03.01.01	353890044705439	48.UMCMS.0GEGUW	H3GC,A.001.42	30-Apr-15	—

**Description of Sporton Reference sample number****E.g. 01.01.01**

<b>01 – Sample Identification</b>	<b>01 - Hardware Revision</b>	<b>01 - Software Revision</b>
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### **2.3 Description of Product**

The product is a Module, operating in E-GSM900/DCS1800/PCS1900/GSM850 and UMTS FDDI/FDDII/FDDVIII bands. The Mobile supports GPRS Multi-Slot Class 12, EGPRS Multi-Slot Class 12 and HSDPA Category 6.

### **2.4 Generation of Conformance Test Plan**

The following route has been chosen by the manufacturer to demonstrate compliance.

#### **2.4.1 ECO Certification:**

Testing based on and according to the information supplied within the ECO information to:  
GCF-CC V3.57.0

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**2.5 Support Equipment**

The following support equipment was used to exercise the EUT during testing.

<b>Description</b>	Power Supply
<b>Manufacturer Name</b>	None stated
<b>Model Name or Number</b>	None stated
<b>Serial Number</b>	None stated

<b>Description</b>	Test Jig
<b>Manufacturer Name</b>	None stated
<b>Model Name or Number</b>	None stated
<b>Serial Number</b>	None stated

<b>Description</b>	USB Cable
<b>Manufacturer Name</b>	None stated
<b>Model Name or Number</b>	None stated
<b>Serial Number</b>	None stated

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### **3 Reference Documents**

Testing was performed according to the following reference documents and standards.

<b>Document</b>	<b>Version</b>	<b>Applicable</b>	<b>Title</b>
GCF-CC	V3.57.0	Y	Global Certification Forum - Certification Criteria
3GPP TS 51.010-1	V12.4.0	Y	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
3GPP TS 34.108	V11.13.0	Y	3rd Generation Partnership Project; Technical Specification Group Terminals; Common test environments for User Equipment (UE); Conformance testing
3GPP TS 34.123-1	V11.6.0	Y	3rd Generation Partnership Project; Technical Specification Group Terminals; User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

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## **4 Test Results**

### **4.1 Result Summary**

The following table summarises the test results obtained. A definition of the result categories may be found at the end of the result tables.

<b>TOTAL RELEVANT TEST CASES PERFORMED</b>	<b>3</b>
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	<b>GERAN</b>	<b>UMTS</b>
<b>PASS</b>	2	1
<b>FAIL</b>	0	0
<b>Total</b>	2	1

### **4.2 Tests Performed**

The following tables reflect the requirements of the relevant specification and show the tests performed. Result files verifying these verdicts are available for inspection at Sporton International Inc.

Where subcontracting has been performed these results are not covered by Sporton International Inc.'s accreditation.

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**4.2.1 Test Results for GERAN**

Test_Spec	Identifier	Name	Condition_Designation	Band	Category	Verdict	Sample	Notes
51.010-1	26.6.8.5	Ciphering mode / IMEISV request	26.6.8.5; Frequency Band = 900	Single	A	Pass	02.01.01	—
51.010-1	44.2.5.2.3	Ciphering mode / IMEISV request	44.2.5.2.3; Frequency Band = 900	Single	A	Pass	02.01.01	—

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**4.2.2 Test Results for UMTS**

Test_Spec	Identifier	Name	Condition_Designation	Band	Category	Verdict	Sample	Notes
3GPP TS 34.123-1	9.3.1	General Identification	9.3.1; FDD1, ST0	Single	A	Pass	02.01.01	—

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**4.3 Key to Result Codes**

The following codes are used in the table of results.

<b>Code</b>	<b>Meaning</b>
<b>PASS</b>	Test result shows that the requirements of the relevant specification have been met.
<b>FAIL</b>	Test result shows that the requirements of the relevant specification have not been met.
<b>NA</b>	Test is not applicable in the specified frequency band or is not applicable according to the specific PICS/PIXIT for the equipment under test.
<b>NR</b>	Test is not required and with notes.
<b>NC</b>	Test Purposes which are not completely validated with exceptions.

**4.4 Key to Tested Bands Code**

The following codes are used in the table of results.

<b>Code</b>	<b>Meaning</b>
<b>Single</b>	Test case is required to be completed in one of the supported frequency bands.
<b>All</b>	Test case is required to be completed in all supported frequency bands.
<b>Network Independent</b>	A test case which is validated without the use of a radio access bearer
<b>Bearer Agnostic</b>	A test case which is independent of the radio access bearer or frequency band used during the test
<b>I-RAT Single</b>	An InterRAT test case that should be tested in a single band combination.
<b>multi</b>	indicates that a band combination is required, e.g. GSM1900/850 MHz bands.
<b>Blank</b>	indicates that the test does not require a bearer



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## **5 Test Equipment**

Conformance testing was performed using test equipment calibrated in accordance with Taiwan Accreditation Foundation accreditation requirements. Calibration, configuration records and equipment details used for conformance testing are available in Annex A.

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## **6 People performing Accredited Testing**

City Tsai

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## **Annex A – Test Equipment Configuration Information**

The following information details the configuration of the test equipment used in assessing the conformance of this product.

## 1 Test Equipment

Conformance testing was performed using test equipment calibrated in accordance with TAF accreditation requirements. Calibration, configuration records and equipment details used for conformance testing are available for inspection at Sporton International Inc., if required.

### 1.1 Rohde & Schwarz CRTU-G/CRTU-S — PR8601

Test Platform Info		TP009 - R&S CRTU-G System Simulator		
Hardware	Serial No.	Calibration Due Date		
CRTU-G	100101   100412	08-Apr-16		
CRTU-G	100184   100253	09-Jun-16		
CRTU-S	100161   100520	24-Jun-16		
Software Version				
Test case Software	Version	ASP	BP	EP
CRTKEGS-900	V3.20	V5.61	V1.50	V4.10
CRTKLU1	V3.10	V5.30	V1.50	V4.10
CRTKSS1	V2.51	V5.61	V1.50	V4.10
CRTKSS2	V2.10	V5.61	V1.50	V4.10
CRTKSS3	V2.00	V5.61	V1.50	V4.10
CRTKSS5	V2.10	V5.50	V1.50	V4.10
CRTKSS6	V1.91	V5.50	V1.50	V4.10
CRTPK1	V3.40	V5.61	V1.50	V4.10
CRTPK2	V3.41	V5.61	V1.50	V4.10
CRTPK3	V3.42	V5.61	V1.50	V4.10
CRTPK4	V3.70	V5.61	V1.50	V4.10
CRTPK6	V3.30	V5.61	V1.50	V4.10
CRTPK8	V3.30	V5.61	V1.50	V4.10
CRTPK9	V3.40	V5.61	V1.50	V4.10
CRTPKB	V3.20	V5.30	V1.50	V4.10
CU-GC01	V2.21	V5.61	V1.50	V4.10
CRTU-GC02	V2.50	V5.61	V1.50	V4.10
CRTU-GC03	V2.10	V5.61	V1.50	V4.10
CRTU-GC04	V1.81	V5.25	V1.50	V4.10
CRTU-GC05	V2.10	V5.61	V1.50	V4.10
CRTU-GC06	V1.90	V5.50	V1.50	V4.10
CRTU-GC07	V2.00	V5.50	V1.50	V4.10
CRTU-GC08	V2.00	V5.61	V1.50	V4.10
CRTU-GC09	V4.40	V5.00	V1.50	V4.10
CRTU-GC12	V1.60	V5.30	V1.50	V4.10
CRTU-GC18	V4.80	V5.30	V1.50	V4.10
CRTU-GC19	V2.20	V5.61	V1.50	V4.10

CRTU-GC20	V2.00	V5.61	V1.50	V4.10
CRTU-GC21	V1.50	V5.50	V1.50	V4.10
CRTU-GC22	V2.01	V5.61	V1.50	V4.10
CRTU-GC23	V1.91	V5.61	V1.50	V4.10
CRTU-GC24	V2.10	V5.61	V1.50	V4.10
CRTU-GC28	V1.40	V5.50	V1.50	V4.10
CRTU-GC29	V1.70	V5.50	V1.50	V4.10
CRTU-GC31	V4.61	V5.50	V1.50	V4.10
CRTU-GC32	V4.50	V5.61	V1.50	V4.10
CRTU-GC33	V4.61	V5.50	V1.50	V4.10
CRTU-GC34	V5.00	V5.61	V1.50	V4.10
CRTU-GC35	V4.71	V5.50	V1.50	V4.10
CRTU-GC36	V4.70	V5.61	V1.50	V4.10
CRTU-GC37	V4.70	V5.61	V1.50	V4.10
CRTU-GC38	V4.50	V5.30	V1.50	V4.10
CRTU-GC39	V4.70	V5.61	V1.50	V4.10
CRTU-GC41	V4.90	V5.50	V1.50	V4.10
CRTU-GC47	V1.30	V5.61	V1.50	V4.10
CRTU-GC52	V1.20	V5.50	V1.50	V4.10
CRTU-GC53	V1.60	V5.50	V1.50	V4.10
CRTU-GC54	V1.40	V5.61	V1.50	V4.10
CRTU-GC55	V1.40	V5.61	V1.50	V4.10
CRTU-GC56	V1.50	V5.61	V1.50	V4.10
CRTU-GC57	V1.40	V5.50	V1.50	V4.10
CRTU-GC59	V1.30	V5.61	V1.50	V4.10
CRTU-GC61	V4.60	V5.50	V1.50	V4.10
CRTU-GC62	V4.50	V5.61	V1.50	V4.10
CRTU-GC63	V4.50	V5.30	V1.50	V4.10
CRTU-GC64	V4.70	V5.30	V1.50	V4.10
CRTU-GC65	V4.60	V5.61	V1.50	V4.10
CRTU-GC68	V4.60	V5.30	V1.50	V4.10
CRTU-GC69	V5.00	V5.61	V1.50	V4.10
CRTU-GC70	V4.70	V5.61	V1.50	V4.10
CRTU-GC71	V4.60	V5.61	V1.50	V4.10
CRTU-GC72	V4.80	V5.61	V1.50	V4.10
CRTU-GC73	V4.70	V5.61	V1.50	V4.10
CRTU-GC74	V4.60	V5.61	V1.50	V4.10
CRTU-GC75	V4.80	V5.61	V1.50	V4.10
CRTU-GC76	V4.70	V5.30	V1.50	V4.10
CRTU-GC77	V4.90	V5.61	V1.50	V4.10
CRTU-GC78	V4.80	V5.61	V1.50	V4.10
CRTU-GC79	V4.60	V5.50	V1.50	V4.10
CRTU-GC80	V4.60	V5.61	V1.50	V4.10
CRTU-GC81	V4.60	V5.30	V1.50	V4.10

CRTU-GC82	V4.50	V5.61	V1.50	V4.10
CRTU-GC83	V4.60	V5.61	V1.50	V4.10
CRTU-GC84	V4.80	V5.30	V1.50	V4.10
CRTU-GC85	V4.80	V5.61	V1.50	V4.10
CRTU-GC86	V4.60	V5.50	V1.50	V4.10
CRTU-GC87	V4.60	V5.30	V1.50	V4.10
CRTU-GC88	V4.70	V5.50	V1.50	V4.10
CRTU-GC89	V4.60	V5.50	V1.50	V4.10
CRTU-GC90	V4.81	V5.61	V1.50	V4.10
CRTU-GC91	V4.61	V5.61	V1.50	V4.10
CRTU-GC92	V1.60	V5.61	V1.50	V4.10

**1.2 Rohde & Schwarz CRTU-W/M / CRTU-RRM / CRTU-2G3— PR8604**

Test Platform Info		TP019 - R&S CRTU-W System Simulator TP028 - R&S CRTU-RRM TP030 - R&S CRTU-2G3		
Hardware Info	Equipment List			
Manufacturer	Model Info	Description	Serial Number	Calibration Due Date
Rohde & Schwarz	CRTU-W   CRTU-PU	Universal Protocol Tester	100250   100160	NCR
Rohde & Schwarz	CRTU-W   CRTU-RU	Universal Protocol Tester	100222  100160	15-Apr-16
Rohde & Schwarz	CRTU-W   CRTU-PU	Universal Protocol Tester	100241   100158	NCR
Rohde & Schwarz	CRTU-W   CRTU-RU	Universal Protocol Tester	100218   100158	14-Apr-16
Rohde & Schwarz	CRTU-S   CRTU-RU	Universal Protocol Tester	100520   100161	24-Jun-16
Rohde & Schwarz	NGSM 32/10	Power Supply	F.Nr.4560	11-Nov-15
Rohde & Schwarz	FSU3	Spectrum Analyzer	200065	19-Oct-15
ESPEC	SU-221	Bench-top type Temperature Chamber	92015050	22-Oct-16
Hardware Version	CRTU-W v14.10 CRTU-RRM v14.10			
Software Version	Operational Software CR02P2P BP: 1.50 CRTU-MDDB:20.09.1.74 J2SE Runtime: 1.05.0.7, 6.00.220 CR02P2P EP: 4.10 CR02P2P ASP: 4.45, 5.10, 5.26, 5.61 R&S 3GPP HSD-ENH-R5V14.09.1 R&S HSU-ENH-R6V14.09.1 R&S Protocol Testing ToolsV5.93.1.173  Test case Software CRTU-RRMV5.92 WE01V14.09.1 WE02V14.09.1 WE03V14.09.1 WE04V14.09.1 WE06V14.09.1 WE07V14.09.1 WE08V14.09.1 WE09V14.09.1 WE11V14.09.1 WE12V14.09.1 WE13V14.09.1 WE14V14.09.1 WE15V14.09.1			

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**To: Conformance Test Cases (GCF-CC V3.57.0)**

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## **Annex B – PICS Proforma**

The following PICS information was supplied by the client, and was used for conformance testing.



<b>GSM_A.1</b>	<b>Release</b>	<b>Table A.1: Types of Mobile Stations</b>	<b>Status</b>	<b>Supported</b>
1	Phase 2	Standard GSM Band (P-GSM)	O.101	N
2	Phase 2	Extended GSM Band (E-GSM), (including standard	O.101	Y
3	R96	R-GSM Band (including standard and E-GSM Band)	O.101	N
4	Phase 2	DCS 1800 band	O.101	Y
5	Phase 2	Multiple-band, not simultaneously	O.102	N
6	Phase 2	Multiple-band, simultaneously	O.102	Y
7	Phase 2	Small Mobile Station	O	Y
8	Phase 2	GSM Power Class 2	C.101	N
9	Phase 2	GSM Power Class 3	C.101	N
10	Phase 2	GSM Power Class 4	O	Y
11	Phase 2	GSM Power Class 5	O	N
12	Phase 2	DCS Power Class 1	O	Y
13	Phase 2	DCS Power Class 2	O	N
14	Phase 2	DCS Power Class 3	O	N
15	R96	HSCSD Multislot MS	C.102	N
16	R99	GSM 450 band	O.101	N
17	R99	GSM 480 band	O.101	N
18	R98	PCS 1900 band	O.101	Y
19	R98	PCS Power Class 1	O	Y
20	R98	PCS Power Class 2	O	N
21	R98	PCS Power Class 3	O	N
22	R96	Multislot Class1	O	N
23	R96	Multislot Class2	O	N
24	R96	Multislot Class3	O	N
25	R96	Multislot Class4	O	N
26	R96	Multislot Class5	O	N
27	R96	Multislot Class6	O	N
28	R96	Multislot Class7	O	N
29	R96	Multislot Class8	O	N
30	R96	Multislot Class9	O	N
31	R96	Multislot Class10	O	N
32	R96	Multislot Class11	O	N
33	R96	Multislot Class12	O	N
34	R96	Multislot Class13	O	N
35	R96	Multislot Class14	O	N
36	R96	Multislot Class15	O	N
37	R96	Multislot Class16	O	N
38	R96	Multislot Class17	O	N
39	R96	Multislot Class18	O	N
40	R97	Multislot Class19	O	N
41	R97	Multislot Class20	O	N
42	R97	Multislot Class21	O	N
43	R97	Multislot Class22	O	N
44	R97	Multislot Class23	O	N
45	R97	Multislot Class24	O	N
46	R97	Multislot Class25	O	N
47	R97	Multislot Class26	O	N
48	R97	Multislot Class27	O	N
49	R97	Multislot Class28	O	N
50	R97	Multislot Class29	O	N
51	R97	GPRS Multislot operation	C103	Y
52	R99	EGPRS capable of 8PSK in Uplink, of all Multislot	O	Y
53	Release 4	GSM 700 band	O.101	N

54	Release 4	GSM 750 band	O.101	N
55	R99	GSM 850 band	O.101	Y
56	R99	Support of UTRAN Radio Access Technology	O	Y
57	R97	Support of GPRS Multislot class on the uplink	C105	Y
58	R99	Support of COMPACT	O	N
59	R99	DTM/GPRS Multislot Class 1	C107	N
60	R99	DTM/GPRS Multislot Class 5	C108	Y
61	R99	DTM/GPRS Multislot Class 9	O	Y
62	R99	Support of singleslot allocation in DTM/GPRS	O	N
63	R99	Support of UTRAN FDD	O	Y
64	R99	Support of UTRAN TDD	O	N
65	R98	Support of Conventional GPS	O	N
66	R99	EGPRS Multislot operation	C104	Y
67	R97	GPRS Multislot Class1	O	N
68	R97	GPRS Multislot Class2	O	N
69	R97	GPRS Multislot Class3	O	N
70	R97	GPRS Multislot Class4	O	N
71	R97	GPRS Multislot Class5	O	N
72	R97	GPRS Multislot Class6	O	N
73	R97	GPRS Multislot Class7	O	N
74	R97	GPRS Multislot Class8	O	N
75	R97	GPRS Multislot Class9	O	N
76	R97	GPRS Multislot Class10	O	N
77	R97	GPRS Multislot Class11	O	N
78	R97	GPRS Multislot Class12	O	Y
79	R97	GPRS Multislot Class13	O	N
80	R97	GPRS Multislot Class14	O	N
81	R97	GPRS Multislot Class15	O	N
82	R97	GPRS Multislot Class16	O	N
83	R97	GPRS Multislot Class17	O	N
84	R97	GPRS Multislot Class18	O	N
85	R97	GPRS Multislot Class19	O	N
86	R97	GPRS Multislot Class20	O	N
87	R97	GPRS Multislot Class21	O	N
88	R97	GPRS Multislot Class22	O	N
89	R97	GPRS Multislot Class23	O	N
90	R97	GPRS Multislot Class24	O	N
91	R97	GPRS Multislot Class25	O	N
92	R97	GPRS Multislot Class26	O	N
93	R97	GPRS Multislot Class27	O	N
94	R97	GPRS Multislot Class28	O	N
95	R97	GPRS Multislot Class29	O	N
96	R99	EGPRS Multislot Class1	O	N
97	R99	EGPRS Multislot Class2	O	N
98	R99	EGPRS Multislot Class3	O	N
99	R99	EGPRS Multislot Class4	O	N
100	R99	EGPRS Multislot Class5	O	N
101	R99	EGPRS Multislot Class6	O	N
102	R99	EGPRS Multislot Class7	O	N
103	R99	EGPRS Multislot Class8	O	N
104	R99	EGPRS Multislot Class9	O	N
105	R99	EGPRS Multislot Class10	O	N
106	R99	EGPRS Multislot Class11	O	N
107	R99	EGPRS Multislot Class12	O	Y
108	R99	EGPRS Multislot Class13	O	N

109	R99	EGPRS Multislot Class14	O	N
110	R99	EGPRS Multislot Class15	O	N
111	R99	EGPRS Multislot Class16	O	N
112	R99	EGPRS Multislot Class17	O	N
113	R99	EGPRS Multislot Class18	O	N
114	R99	EGPRS Multislot Class19	O	N
115	R99	EGPRS Multislot Class20	O	N
116	R99	EGPRS Multislot Class21	O	N
117	R99	EGPRS Multislot Class22	O	N
118	R99	EGPRS Multislot Class23	O	N
119	R99	EGPRS Multislot Class24	O	N
120	R99	EGPRS Multislot Class25	O	N
121	R99	EGPRS Multislot Class26	O	N
122	R99	EGPRS Multislot Class27	O	N
123	R99	EGPRS Multislot Class28	O	N
124	R99	EGPRS Multislot Class29	O	N
125	R99	GSM 850 Power Class 2	C101	N
126	R99	GSM 850 Power Class 3	C101	N
127	R99	GSM 850 Power Class 4	O	Y
128	R99	GSM 850 Power Class 5	O	N
129	R99	8-PSK GSM Power Class E1	O	Y
130	R99	8-PSK GSM Power Class E2	O	N
131	R99	8-PSK GSM Power Class E3	O	N
132	R99	8-PSK DCS Power Class E1	O	N
133	R99	8-PSK DCS Power Class E2	O	Y
134	R99	8-PSK DCS Power Class E3	O	N
135	R99	8-PSK PCS Power Class E1	O	N
136	R99	8-PSK PCS Power Class E2	O	Y
137	R99	8-PSK PCS Power Class E3	O	N
138	R99	8-PSK GSM 850 Power Class E1	O	N
139	R99	8-PSK GSM 850 Power Class E2	O	Y
140	R99	8-PSK GSM 850 Power Class E3	O	N
141	Phase 2	GSM850 and GSM1800 Band Interworking	O	Y
142	Phase 2	GSM900 and GSM1900 Band Interworking	O	Y
143	Phase 2	GSM850 and GSM900 Band Interworking	O	Y
144	R99	DTM/EGPRS Multislot Class 1	O	N
145	R99	DTM/EGPRS Multislot Class 5	O	Y
146	R99	DTM/EGPRS Multislot Class 9	O	Y
147	R99	Support of singleslot allocation in DTM/EGPRS	O	N
148	R99	DTM/GPRS Multislot Class 11	O	Y
149	Rel-5	GPRS Multislot Class30	O	N
150	Rel-5	GPRS Multislot Class31	O	N
151	Rel-5	GPRS Multislot Class32	O	N
152	Rel-5	GPRS Multislot Class33	O	N
153	Rel-5	GPRS Multislot Class34	O	N
154	Rel-5	GPRS Multislot Class35	O	N
155	Rel-5	GPRS Multislot Class36	O	N
156	Rel-5	GPRS Multislot Class37	O	N
157	Rel-5	GPRS Multislot Class38	O	N
158	Rel-5	GPRS Multislot Class39	O	N
159	Rel-5	GPRS Multislot Class40	O	N
160	Rel-5	GPRS Multislot Class41	O	N
161	Rel-5	GPRS Multislot Class42	O	N
162	Rel-5	GPRS Multislot Class43	O	N
163	Rel-5	GPRS Multislot Class44	O	N

164	Rel-5	GPRS Multislot Class45	O	N
165	Rel-5	EGPRS Multislot Class30	O	N
166	Rel-5	EGPRS Multislot Class31	O	N
167	Rel-5	EGPRS Multislot Class32	O	N
168	Rel-5	EGPRS Multislot Class33	O	N
169	Rel-5	EGPRS Multislot Class34	O	N
170	Rel-5	EGPRS Multislot Class35	O	N
171	Rel-5	EGPRS Multislot Class36	O	N
172	Rel-5	EGPRS Multislot Class37	O	N
173	Rel-5	EGPRS Multislot Class38	O	N
174	Rel-5	EGPRS Multislot Class39	O	N
175	Rel-5	EGPRS Multislot Class40	O	N
176	Rel-5	EGPRS Multislot Class41	O	N
177	Rel-5	EGPRS Multislot Class42	O	N
178	Rel-5	EGPRS Multislot Class43	O	N
179	Rel-5	EGPRS Multislot Class44	O	N
180	Rel-5	EGPRS Multislot Class45	O	N
181		Void		
182	Rel-7	GSM 710 band	O	N
183	Rel-7	T GSM 810 band	O	N
184	Rel-4	DTM/EGPRS Multislot Class 11	O	Y
185	Rel-6	T-GSM 380 band	O	N
186	Rel-6	T-GSM 410 band	O	N
187	Rel-6	T-GSM 900 band	O	N
188	R99	EGPRS Multislot Operation in Uplink Direction	C.111	Y
189	Rel-5	GMSK_MULTISLOT_POWER_PROFILE 0	O	N
190	Rel-5	GMSK_MULTISLOT_POWER_PROFILE 1	O	N
191	Rel-5	GMSK_MULTISLOT_POWER_PROFILE 2	O	N
192	Rel-5	GMSK_MULTISLOT_POWER_PROFILE 3	O	N
193	Rel-5	8-PSK_MULTISLOT_POWER_PROFILE 0	O	N
194	Rel-5	8-PSK_MULTISLOT_POWER_PROFILE 1	O	N
195	Rel-5	8-PSK_MULTISLOT_POWER_PROFILE 2	O	N
196	Rel-5	8-PSK_MULTISLOT_POWER_PROFILE 3	O	N
197	Rel-7	Multislot Capability Reduction for Downlink Dual Carrier of 0 or 1 Timeslots	O	N
198	Rel-7	Multislot Capability Reduction for Downlink Dual Carrier of 2 or more Timeslots	O	N
199	Rel-7	Support of 16 QAM in the Uplink	O	N
200	R96	Revision Level GSM Phase 1	C.112	Y
201	Phase 2	Revision Level GSM Phase 2	C.112	Y
202	R99	Revision Level MS supporting R99 or later	C.112	Y
203	R99	8-PSK struct	O	Y
204	R99	8-PSK RF Power Capability 1	O	Y
205	R99	8-PSK RF Power Capability 2	O	Y
206	R99	GSM 400 Power Class2	O	N
207	R99	GSM 400 Power Class3	O	N
208	R99	GSM 400 Power Class4	O	N
209	R99	GSM 400 Power Class5	O	N
210	R99	UMTS 3.84 Mcps TDD Radio Access Technology Capability	O	N
211	R99	CDMA 2000 Radio Access Technology Capability	O	N
212	R99	Single Band Support	O	N
213	R99	GSM 750 Power Class2	O	N
214	R99	GSM 750 Power Class3	O	N

215	R99	GSM 750 Power Class4	O	N
216	R99	GSM 750 Power Class5	O	N
217	R99	UMTS 1.28 Mcps TDD Radio Access Technology Capability	O	N
218	R99	GERAN Iu Mode Capabilities	O	N
219	R99	TSPC_FLO_Iu_Capability	O	N
220	R99	GSM 710 Power Class2	O	N
221	R99	GSM 710 Power Class3	O	N
222	R99	GSM 710 Power Class4	O	N
223	R99	GSM 710 Power Class5	O	N
224	R99	E-UTRA FDD support	O	N
225	R99	E-UTRA TDD support	O	N
226	Rel-6	ECSD Multi Slot class	O	N
227	Rel-6	T-GSM 400 Class2	O	N
228	Rel-6	T-GSM 400 Class3	O	N
229	Rel-6	T-GSM 400 Class4	O	N
230	Rel-6	T-GSM 400 Class5	O	N
231	Rel-7	T-GSM 810 Class2	O	N
232	Rel-7	T-GSM 810 Class3	O	N
233	Rel-7	T-GSM 810 Class4	O	N
234	Rel-7	T-GSM 810 Class5	O	N
235	Rel-6	DTM GPRS Multislot Class 31	O	N
236	Rel-6	DTM GPRS Multislot Class 32	O	N
237	Rel-6	DTM GPRS Multislot Class 33	O	N
238	Rel-6	DTM GPRS Multislot Class 34	O	N
239	Rel-6	DTM GPRS Multislot Class 35	O	N
240	Rel-6	DTM GPRS Multislot Class 36	O	N
241	Rel-6	DTM GPRS Multislot Class 37	O	N
242	Rel-6	DTM GPRS Multislot Class 38	O	N
243	Rel-6	DTM GPRS Multislot Class 39	O	N
244	Rel-6	DTM GPRS Multislot Class 40	O	N
245	Rel-6	DTM GPRS Multislot Class 41	O	N
246	Rel-6	DTM GPRS Multislot Class 42	O	N
247	Rel-6	DTM GPRS Multislot Class 43	O	N
248	Rel-6	DTM GPRS Multislot Class 44	O	N
249	Rel-6	DTM EGPRS Multislot Class 31	O	N
250	Rel-6	DTM EGPRS Multislot Class 32	O	N
251	Rel-6	DTM EGPRS Multislot Class 33	O	N
252	Rel-6	DTM EGPRS Multislot Class 34	O	N
253	Rel-6	DTM EGPRS Multislot Class 35	O	N
254	Rel-6	DTM EGPRS Multislot Class 36	O	N
255	Rel-6	DTM EGPRS Multislot Class 37	O	N
256	Rel-6	DTM EGPRS Multislot Class 38	O	N
257	Rel-6	DTM GPRS Multislot Class 6	O	N
258	Rel-6	DTM GPRS Multislot Class 10	O	N
259	Rel-6	EGPRS Multislot Class10	O	N
260	Rel-7	Support of 32 QAM in the Uplink	O	N

O.101

At least one of these items shall be supported

O.102

At least two of the following items shall be supported: A.1/1 OR A.1/2 OR A.1/3 OR A.1/4 OR A.1/16 OR A.1/17 OR A.1/18 OR A.1/53 OR A.1/54 OR A.1/55

O.103

Void

C.101

IF A.1/7 THEN X ELSE O

C.102

IF (A.1/22 OR A.1/23 OR A.1/24 OR A.1/25 OR A.1/26 OR A.1/27 OR A.1/28 OR A.1/29 OR A.1/30 OR A.1/31 OR A.1/32 OR A.1/33 OR A.1/34 OR A.1/35 OR A.1/36 OR A.1/37 OR A.1/38 OR A.1/39) THEN M ELSE N/A

C.103

IF A.2/41 AND (A.1/67 OR A.1/68 OR A.1/69 OR A.1/70 OR A.1/71 OR A.1/72 OR A.1/73 OR A.1/74 OR A.1/75 OR A.1/76 OR A.1/77 OR A.1/78 OR A.1/79 OR A.1/80 OR A.1/81 OR A.1/82 OR A.1/83 OR A.1/84 OR A.1/85 OR A.1/86 OR A.1/87 OR A.1/88 OR A.1/89 OR A.1/90 OR A.1/91 OR A.1/92 OR A.1/93 OR A.1/94 OR A.1/95 OR A.1/149 OR A.1/150 OR A.1/151 OR A.1/152 OR A.1/153 OR A.1/154 OR A.1/155 OR A.1/156 OR A.1/157 OR A.1/158 OR A.1/159 OR A.1/160 OR A.1/161 OR A.1/162 OR A.1/163 OR A.1/164) THEN M ELSE N/A

C.104

IF A.2/42 AND (A.1/96 OR A.1/97 OR A.1/98 OR A.1/99 OR A.1/100 OR A.1/101 OR A.1/102 OR A.1/103 OR A.1/104 OR A.1/105 OR A.1/106 OR A.1/107 OR A.1/108 OR A.1/109 OR A.1/110 OR A.1/111 OR A.1/112 OR A.1/113 OR A.1/114 OR A.1/115 OR A.1/116 OR A.1/117 OR A.1/118 OR A.1/119 OR A.1/120 OR A.1/121 OR A.1/122 OR A.1/123 OR A.1/124 OR A.1/165 OR A.1/166 OR A.1/167 OR A.1/168 OR A.1/169 OR A.1/170 OR A.1/171 OR A.1/172 OR A.1/173 OR A.1/174 OR A.1/175 OR A.1/176 OR A.1/177 OR A.1/178 OR A.1/179 OR A.1/180) THEN M ELSE N/A

C.105

IF A.1/51 THEN O ELSE N/A

C.106

VOID

C.107

IF A.1/62 THEN M ELSE N/A

C.108

IF A.2/62 THEN M ELSE N/A

C.109

Void

C.110

Void

C.111

IF A.2/42 AND (A.1/98 OR A.1/100 OR A.1/101 OR A.1/102 OR A.1/104 OR A.1/105 OR A.1/106 OR A.1/107 OR A.1/108 OR A.1/109 OR A.1/110 OR A.1/111 OR A.1/112 OR A.1/113 OR A.1/114 OR A.1/115 OR A.1/116 OR A.1/117 OR A.1/118 OR A.1/119 OR A.1/120 OR A.1/121 OR A.1/122 OR A.1/123 OR A.1/124 OR A.1/166 OR A.1/167 OR A.1/168 OR A.1/169 OR A.1/171 OR A.1/172 OR A.1/173 OR A.1/174 OR A.1/176 OR A.1/177 OR A.1/178 OR A.1/179 OR A.1/180) THEN M ELSE N/A

C.112

At least one of the following items shall be supported:

A.1/200 OR A.1/201 OR A.1/202

GSM_A.1b	Release	Table A.1b: MS Feature Release Supported	Status	Supported
1	R97	Release of GPRS supported.	C1b01	R99
2	R98	Release of AMR supported.	C1b02	R99
3	R99	Release of EGPRS supported.	C1b03	R99
4	R98	Release of RRLP supported.	C.b04	N
5	R97	Release of Higher Layer supported.	M	R6
6	R4	3GPP TS 26.131, 3GPP TS 26.132	M	R4

C.1b01

IF A.2/41 THEN M ELSE N/A

C.1b02

IF A.25/79 THEN M ELSE N/A

C.1b03

IF A.2/42 THEN M ELSE N/A

C.1b04

IF A.2/59 OR A.2/60 THEN M ELSE N/A

GSM_A.2	Release	Table A.2: Mobile Station Features	Status	Supported
1	Phase 2	Display of Called Number.	C202	Y
2	Phase 2	Indication of Call Progress Signals.	C204	Y
3	Phase 2	Country/PLMN Indication.	C202	Y
4	Phase 2	Country/PLMN Selection.	M	Y
5	Phase 2	Keypad.	O	N
6	Phase 2	IMEI.	M	Y
7	Phase 2	Short Message Overflow Indication.	M	Y
8	Phase 2	DTE /DCE Interface.	O	Y
9	Phase 2	ISDN "S" Interface.	O	N
10	Phase 2	International Access Function.	O	Y
11	Phase 2	Service Indicator.	C203	Y
12	Phase 2	Autocalling restriction capabilities.	C205	Y

13	Phase 2	Dual Tone Multi Frequency function.	C201	Y
14	Phase 2	Subscription Identity Management.	M	Y
15	Phase 2	On/Off switch.	O	Y
16	Phase 2	Subaddress.	O	N
17	Phase 2	Support of Encryption A5/1.	M	Y
18		Void		
19	Phase 2	Short Message Service Cell Broadcast DRX.	O	Y
20	Phase 2	Abbreviated Dialling.	O	Y
21	Phase 2	Fixed Dialling Number	O	Y
22	Phase 2	Barring of Outgoing Calls.	O	Y
23	Phase 2	DTMF Control Digits Separator.	O	Y
24	Phase 2	Selection of Directory No in Short Messages.	O	Y
25	Phase 2	Last Numbers Dialed.	O	Y
26	Phase 2	At least one autocalling feature.	O	N
27	Phase 2	Alphanumeric display.	O	Y
28	Phase 2	Other means of display.	O	Y
29	Phase 2	Speech indicator.	O	Y
30	R96	Support of the extended Short message cell broadcast channel	O	Y
31	R96	Support of Additional Call Set-up MMI Procedures	O	Y
32		Void		
33	Phase 2 (R96)	Ciphering Indicator	C202	Y
34	R96	Network's indication of alerting in the MS \$(NI Alert in	O	N
35	R96	ME-SIM lock	O	Y
36	R96	Service Dialling Numbers	O	Y
37	R99	Extended timing advance	C206	N
38	R98	Support of SoLSA	O	N
39	R96	Audible Indication of Service Tones	O	Y
40	Phase 2	Autocalling_Cause 27 Implemented in Cat 3	O	N
41	R97	Support of GPRS	O	Y
42	R99	Support of EGPRS	O	Y
43	R98	Support of GPRS Encryption	C207	Y
44	Phase 2	Control of Supplementary Services	O	Y
45	Phase 2	Short message	O	Y
46	Phase 2	Emergency calls capabilities	C211	Y
47	R97	GPRS operation mode class A	C209	N
48	R97	GPRS operation mode class B	C209	Y
49	R97	GPRS operation mode class C	C209	N
50	R99	MS supporting SMS over GPRS	O	Y
51		Void		
52		Void		
53	R99	Support of ECSD	O	N
54	R97	GPRS test mode A	C208	Y
55	R97	GPRS test mode B	C208	Y
56		EGPRS test mode	C210	Y
57	R98	Support of MS-Assisted E-OTD	O	N
58	R97	Non-zero value of Non_DRX_Timer	C208	Y
59	R98	Support of MS-Based A-GPS L1 C/A	O	N
60	R98	Support of MS-Assisted A-GPS L1 C/A	O	N
61	R98	Privacy Option Supported	O	N
62	R99	Support of DTM/GPRS	C212	Y
63	R98	Support MS Assisted EOTD Performance for GMSK	O	N
64	R99	Support MS Assisted EOTD Performance for 8PSK	O	N
65	R99 only	Support of EGPRS Packet Access enhancement	O	Y

66		void		
67	R99	Support of MT SMS over GPRS	O	Y
68		void		
69	R99	Support of DTM/EGPRS	C213	Y
70	R99	Support of Extended dynamic allocation	C214	N
71	Rel-6	Support of GAN	O	N
72	Rel-4	Support of GERAN FEATURE PACKAGE 1	M	Y
73	Rel-6	Support of Encryption A5/3	M	Y
74	Rel-4	Support of Fine Time Assistance	C.215	N
75	R97	Support of Encryption GEA2	O	Y
76	Rel-6	Support of Encryption GEA3	M	Y
77	Phase2 up to R98	Use of R99 Emergency numbers	O	Y
78	Rel-5	Support of GERAN FEATURE PACKAGE 2	O	N
79	Rel-6	Support of GAN to UTRAN CS Handover	O	N
80	Rel-6	Support of UTRAN to GAN CS Handover	O	N
81	Rel-6	Support of Enhanced DTM CS	O	N
82	Rel-6	Support of PS Handover	O	Y
83	Rel-6	Support of simultaneous CS and PS services in GAN	C.216	N
84	Rel-7	Support of Latency reductions	O	N
85	Rel-7	Support of Downlink Dual Carrier	O	N
86	Rel-7	Support of UEA2 and UIA2	O	N
87	Rel-9	Support of Encryption A5/4	O	N
88	Rel-9	Support of Encryption GEA4	O	N
89	Rel-7	Support of EGPRS2A	O	N
90	Rel-7	Support of EGPRS2B	O	N
91	Rel-8	eCall only equipment	O	N
92	Rel-8	eCall Support on MS	O	N
93	Rel-7	Support of DTM during Downlink Dual Carrier	O	N
94	Rel-7	Support of MS-Based A-GANSS	C.217	N
95	Rel-7	Support of MS-Assisted A-GANSS	C.217	N
96	Rel-8	Support for GLONASS	O	N
97	Rel-8	Support for Modernized GPS	O	N
98	Rel-7	Support for Galileo	O	N
99	Rel-8	Support of CS domain in GAN lu mode	O	N
100	Rel-8	Support of PS domain in GAN lu mode	O	N
101	Rel-8	Support of GAN lu mode	C.218	N
102	R98	Support of MS-Based E-OTD	O	N
103	Rel-7	Additional Positioning Capabilities	O	N
104	R99	Ciphering Mode Setting Capability	O	N



C.201  
 IF A.3/1 OR A.3/2 OR A.4/20 OR A.4/21 THEN M ELSE N/A  
 C.202  
 IF A.2/27 THEN M ELSE N/A  
 C.203  
 IF A.2/27 OR A.2/28 THEN M ELSE N/A  
 C.204  
 IF A.2/29 THEN M ELSE N/A  
 C.205  
 IF A.2/26 OR A.2/40 THEN M ELSE N/A  
 C.206  
 IF A.1/16 OR A.1/17 THEN M ELSE N/A  
 C.207  
 IF A.2/41 OR A.2/42 THEN M ELSE N/A  
 C.208  
 IF A.2/41 THEN O ELSE N/A  
 C.209  
 IF A.2/41 or A.2/42 THEN at least one of these items shall be supported ELSE N/A  
 C.210  
 IF A.2/42 THEN O ELSE N/A  
 C.211  
 IF A.3/2 THEN M ELSE N/A  
 C.212  
 IF A.2/41 THEN O ELSE N/A  
 C.213  
 IF A.2/42 THEN O ELSE N/A  
 C.214  
 IF (A.2/41 AND A.1/51) OR (A.2/42 AND A.1/66) THEN O ELSE N/A  
 C.215  
 IF A.2/59 OR A.2/94 OR A.2/60 OR A.2/95 THEN O ELSE N/A  
 C.216  
 IF A.2/71 THEN O ELSE N/A  
 C.217  
 IF A.2/96 or A.2/97 or A.2/98 THEN at least one of these items shall be supported ELSE N/A  
 C.218  
 IF A.2/99 OR A.2/100 THEN M ELSE N/A

GSM_A.3	Release	Table A.3: Teleservices	Status	Supported
1	Phase 2	Telephony.	O	Y
2	Phase 2	Emergency Call.	C301	Y
3	Phase 2	Short Message MT/PP.	O	Y
4	Phase 2	Short Message MO/PP.	O	Y
5	Phase 2	SMS Cell Broadcast.	O	Y
6	Phase 2	Teleservice Alternate Speech and G3 fax.	O	N
7	Phase 2	Teleservice Automatic G3 fax.	O	N
8	R96	Voice Group Call Service (VGCS)	O	N
9	R96	Voice Broadcast Service (VBS)	O	N
10	R96	SMS description	O	Y

C.301 IF A.3/1 THEN M ELSE O

GSM_A.4	Release	Table A.4: Bearer Services	Status	Supported
1	Phase 2	Data circuit duplex async. 300 bit/s.	O	N
2	Phase 2	Data circuit duplex async. 1 200 bit/s.	O	N
3	Phase 2	Data circuit duplex async. 1 200/75 bit/s.	O	N
4	Phase 2	Data circuit duplex async. 2 400 bit/s.	O	N
5	Phase 2	Data circuit duplex async. 4 800 bit/s.	O	N
6	Phase 2	Data circuit duplex async. 9 600 bit/s.	O	Y
7	Phase 2	Data circuit duplex sync. 1 200 bit/s.	O	N
8	Phase 2	Data circuit duplex sync. 2 400 bit/s.	O	N
9	Phase 2	Data circuit duplex sync. 4 800 bit/s.	O	N
10	Phase 2	Data circuit duplex sync. 9 600 bit/s.	O	N
11	Phase 2	PAD Access 300 bit/s.	O	N
12	Phase 2	PAD Access 1 200 bit/s.	O	N
13	Phase 2	PAD Access 1 200/75 bits/s.	O	N
14	Phase 2	PAD Access 2 400 bit/s.	O	N
15	Phase 2	PAD Access 4 800 bit/s.	O	N

16	Phase 2	PAD Access 9 600 bit/s.	O	N
17	Phase 2	Packet Access 2 400 bit/s.	O	N
18	Phase 2	Packet Access 4 800 bit/s.	O	N
19	Phase 2	Packet Access 9 600 bit/s.	O	N
20	Phase 2	Alternate Speech/Data.	O	N
21	Phase 2	Speech Followed by Data.	O	N
22	R97	GPRS	O	Y
23	Rel-6	Bluetooth data rate	O	N
24	Rel-6	WLAN data rate	O	N

Prerequisite: A.25/2 -- TSPC\_AddInfo\_SS (3GPP TS 02.04 4, 3GPP TS 02.07 B.2.1, (3GPP TS 22.004 4)).

<b>GSM_A.5</b>	<b>Release</b>	<b>Table A.5: Supplementary Services</b>	<b>Status</b>	<b>Supported</b>
1	Phase 2	Calling Line Identification Presentation.	O	Y
2	Phase 2	Calling Line Identification Restriction.	O	Y
3	Phase 2	Connected Line Identification Presentation.	O	Y
4	Phase 2	Connected Line Identification Restriction.	O	N
5	Phase 2	Call Forwarding Unconditional.	M	Y
6	Phase 2	Call Forwarding on Mobile Subscriber Busy.	M	Y
7	Phase 2	Call Forwarding on N Reply.	M	Y
8	Phase 2	Call Forwarding on Mobile Subscriber Nt Reachable.	M	Y
9	Phase 2	Call Waiting.	O	Y
10	Phase 2	Call Hold.	O	Y
11	Phase 2	Multi Party Service.	O	Y
12	Phase 2	Closed User Group.	O	N
13	Phase 2	Advice of Charge (Information).	O	Y
14	Phase 2	Advice of Charge (Charging).	O	N
15	Phase 2	Barring of All Outgoing Calls.	M	Y
16	Phase 2	Barring of Outgoing International Calls.	M	Y
17	Phase 2	Barring of Outgoing International Calls except those directed to the Home PLMN Country.	M	Y
18	Phase 2	Barring of All Incoming Calls.	M	Y
19	Phase 2	Barring of Incoming Calls when Roaming Outside the Home PLMN Country.	M	Y
20	Phase 2	Unstructured SS Data.	O	Y
21	R96	enhanced Multi-Level Precedence and Pre-emption service (eMLPP)	O	N
22	R96	Call Deflection	O	Y
23	R96	User-to-User signalling	O	N
24	R96	Explicit Call Transfer	O	Y
25	R96	Implicit UUS1	O	N
26	R98	Sending of implicit UUS1 in the ALERTING message	O	N
27	R98	Sending of implicit UUS1 in the CONNECT message	O	N
28	R99	Follow Me	O	N
29	Release 4	User-to-Dispatcher Information	O	N
30	Release 4	Compressed User-to-Dispatcher	O	N
31	R97	Completion of Calls to Busy SS	O	N
32	R97	Completion of Calls to Busy Requests	O	N
33	R97	Support of Private Numbering Plan SS	O	N
34	R97	Support of Private Numbering Plan, Numbering Plans	O	N
35	R97	Name Identification SS	O	N
36		Void		
37	R98	Support of MO-LR request for a position estimate	O	N
38	R98	Support of MO-LR request for transfer to 3rd party	O	N
39	R98	Support of MT-LR	O	N
40	R98	Support of MO-LR request for assistance data	O	N

<b>GSM_A.6</b>	<b>Release</b>	<b>Table A.6: Groups for possible bearer capabilities</b>	<b>Status</b>	<b>Supported</b>
1	Phase 2 (R96)	Bearer Service 21(20) .. 26, unrestricted digital information transfer capability.	O	Y
2	Phase 2 (R96)	Bearer Service 21(20) .. 26, 3.1 kHz audio ex-PLMN information transfer capability.	O	Y
3	Phase 2 (R96)	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; Nn-X.32 Cases (BS 31 ..	O	N
4	Phase 2 (R96)	Bearer Service 31(30) .. 34, unrestricted digital information transfer capability; X.32 Cases.	O	N
5	Phase 2 (R96)	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; Nn-X.32 Cases.	O	N
6	Phase 2 (R96)	Bearer Service 31(30) .. 34, 3.1 kHz audio ex-PLMN information transfer capability; X.32 Cases.	O	N
7	Phase 2 (R96)	Bearer Service 41(40)..46, PAD Access Asynchronous.	O	N
8	Phase 2 (R96)	Bearer Service 51(50)..53, Data Packet Duplex Synchronous.	O	N
9	Phase 2	Bearer Service 61, Alternate Speech/Data, "Speech".	O	N
10	Phase 2	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability;	O	N
11	Phase 2	Bearer Service 61, Alternate Speech/Data, .3.1 kHz audio ex-PLMN information transfer capability;	O	N
12	Phase 2	Bearer Service 81, Speech followed by Data, "Speech".	O	N
13	Phase 2	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability;	O	N
14	Phase 2	Bearer Service 81, Speech followed by Data, .3.1 kHz audio ex-PLMN information transfer capability;	O	N
15	Phase 2	Teleservice 11..12, Speech.	O	Y
16	Phase 2	Teleservice 61, Alternate Speech and Facsimile group 3; "Speech".	O	N
17	Phase 2	Teleservice 61, Alternate Speech and Facsimile group 3; Facsimile group 3.	O	N
18	Phase 2	Teleservice 62, Automatic Facsimile group 3	O	N

Prerequisite: A.6/1 -- BS2x\_UDI (diagram in 3GPP TS 07.01 B.1.2.1 (3GPP TS 27.001 B.1.2.1)).

<b>GSM_A.7</b>	<b>Release</b>	<b>Table A.7: Bearer Service 20..26, UDI/RDI</b>	<b>Status</b>	<b>Supported</b>
1	Phase 2	Signalling Access Protocol (SAP)	M	
		- I.440	----	Y
		- X.28nond	----	N
2	Phase 2	Connection Element (CE)	M	
		- NT	----	Y
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
3	Phase 2	User Info Layer 2 Protocol (UIL2P).	M	
		- ISO6429	----	Y
		- COPnoFICt	----	Y
		- NAV	----	Y
4	Phase 2	Number of Data Bits(NDB).	M	
		- 7 bits	----	Y
		- 8 bits	----	Y
5	Phase 2	Parity Information (NPB).	M	
		- odd	----	N
		- even	----	N
		- 0	----	N
		- 1	----	N
		- none	----	Y
6	Phase 2	Number of Stop Bits (NSB).	M	
		- 1 bit	----	Y

		- 2 bits	----	Y
7	Phase 2	Radio Channel Requirement (RCR).	M	
		- dualHR	----	N
		- FR	----	Y
		- dualFR	----	N
8	Phase 2	Intermediate Rate (IR).	M	
		- 8 kbps	----	N
		- 16 kbps	----	Y
9	Phase 2	User Rate (UR).	M	
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	Y
		- 1.2/0.075	----	N
10	R96	Fixed Network User Rate (FNUR)	O	
		- 9.6	----	Y
		- 14.4	----	Y
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 48	----	N
		- 56	----	N
		- NAV	----	N
11	R96	Wanted Air Interface User Rate (WAIUR)	C701	
		- 9.6	----	Y
		- 14.4	----	Y
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 43.2	----	N
		- 57.6	----	N
		- NAV	----	N
12	R96	User Initiated Modification Indication (UIMI)	O	
		- not req.	----	N
		- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	Y
13	R96	Maximum number of Traffic Channels (MaxNumTCH)	C702	
		- 1	----	Y
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
10a	-----	all allowed combinations according to 3GPP TS 07.01 B.1.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	
		- Y	----	Y
		- N	----	N

C.701 IF A.7/10 AND A.25/7 THEN M ELSE N/A

C.702 IF A.7/10 THEN M ELSE N/A

Prerequisite: A.6/2 -- BS2x\_3.1kHz (diagram in 3GPP TS 07.01 B.1.2.2 (3GPP TS 27.001 B.1.2.2)).

GSM_A.8	Release	Table A.8: Bearer Service 20..26, 3.1 kHz	Status	Supported
---------	---------	---	--------	-----------

1	Phase 2	Signalling Access Protocol (SAP)	M	----
		- I.440	----	Y
		- X.28nond	----	N
2	Phase 2	Connection Element (CE)	M	----
		- NT	----	Y
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
3	Phase 2	User Info Layer 2 Protocol (UIL2P).	M	----
		- ISO6429	----	Y
		- COPnoFICt	----	Y
		- NAV	----	Y
4	Phase 2	Number of Data Bits (NDB).	M	----
		- 7 bits	----	Y
		- 8 bits	----	Y
5	Phase 2	Parity Information (NPB).	M	----
		- odd	----	N
		- even	----	N
		- 0	----	N
		- 1	----	N
		- none	----	Y
6	Phase 2	Number of Stop Bits (NSB).	M	----
		- 1 bit	----	Y
		- 2 bits	----	Y
7	Phase 2	Radio Channel Requirement (RCR).	M	----
		- dualHR	----	N
		- FR	----	Y
		- dualFR	----	N
8	Phase 2	Intermediate Rate (IR).	M	----
		- 8 kbps	----	N
		- 16 kbps	----	Y
9	Phase 2	User Rate (UR).	M	----
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	Y
		- 1.2/0.075	----	N
10	Phase 2	Modem Type (MT).	M	----
		- V.21	----	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	Y
		- V.23	----	N
		- auto	----	Y
11	R96	Fixed Network User Rate (FNUR)	O	----
		- 9.6	----	Y
		- 14.4	----	Y
		- 19.2	----	N
		- 28.8	----	N
		- NAV	----	N
		Wanted Air Interface User Rate (WAIUR)	C801	----
		- 9.6	----	Y
		- 14.4	----	Y

12	R96	- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 43.2	----	N
13	R96	Acceptable channel codings (ACC)	O	----
		- 4.8	----	N
		- 9.6	----	Y
		- 14.4	----	Y
		- NAV	----	N
14	R96	User Initiated Modification Indication (UIMI)	O	----
		- not req.	----	N
		- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	Y
15	R96	Maximum number of Traffic Channels (MaxNumTCH)	C802	----
		- 1	----	Y
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
11a	----	all allowed combinations according to 3GPP TS 07.01 B.1.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	----
		- Y	----	Y
		- N	----	N

C.801 IF A.8/10 AND A.25/7 THEN M ELSE N/A

C.802 IF A.8/10 THEN M ELSE N/A

GSM_A.9	Release	Table A.9: Bearer Service 30..34, UDI, Nn-X.32	Status	Supported
1	Phase 2	Signalling Access Protocol (SAP).	M	N
		- I.440	----	N
		- X.28nond	----	N
2	Phase 2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
3	Phase 2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
4	Phase 2	User Rate (UR).	M	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
5	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 48	----	N
		- 56	----	N
		- NAV	----	N
		Acceptable channel codings (ACC)	O	N

6	R96	- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
7	R96	Maximum number of Traffic Channels (MaxNumTCH)	C901	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
5a	-----	all allowed combinations according 3GPP TS 07.01 A2 1.3.1.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.901 IF A.9/5 THEN M ELSE N/A

Prerequisite: A.6/4 -- BS3x\_UDI\_X.32 (diagram in 3GPP TS 07.01 B.1.3.1.2 (3GPP TS 27.001 B.1.3.1.2)).

GSM_A.10	Release	Table A.10: Bearer Service 30..34, UDI, X.32	Status	Supported
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
2	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
3	Ph2	User Rate (UR).	M	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
4	Ph2(R96)	User Info Layer 2 Protocol (UIL2P).	M	N
		- X.25	----	N
		- X.75	----	N
5	Ph2(R96)	Rate Adaptation (RA)	O	N
		- X.31Flag	----	N
		- V.120	----	N
6	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 48	----	N
		- 56	----	N
		- NAV	----	N
7	R96	Wanted Air Interface User Rate (WAIUR)	C1001	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 43.2	----	N
		- 57.7	----	N
		- NAV	----	N
		User Initiated Modification Indication (UIMI)	O	N
		- not req.	----	N

8	R96	- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	N
9	R96	Acceptable channel codings (ACC)	O	N
		- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
10	R96	Maximum number of Traffic Channels (MaxNumTCH)	C1001	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
4a	-----	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.1001 IF A.10/6 AND A.25/7 THEN M ELSE N/A

Prerequisite: A.6/4 -- BS3x\_UDI\_X.32[tbd] (diagram in 3GPP TS 07.01 B.1.3.1.4 (3GPP TS 27.001 B.1.3.1.4)).

<b>GSM_A.10a</b>	<b>Release</b>	<b>Table A.10a: Bearer Service 30..34, UDI, 48 kbps and 56 kbps bit transparent</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Signalling Access Protocol (SAP).	M	N
		- I.440	----	N
		- X.21	----	N
2	R96	Fixed Network User Rate (FNUR)	O	N
		- 48	----	N
		- 56	----	N
3	-----	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

Prerequisite: A.6/4 -- BS3x\_UDI\_X.32[tbd] (diagram in 3GPP TS 07.01 B.1.3.1.5 (3GPP TS 27.001 B.1.3.1.5)).

<b>GSM_A.10b</b>	<b>Release</b>	<b>Table A.10b: Bearer Service 30..34, UDI, 64 kbps bit transparent</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Signalling Access Protocol (SAP).	M	N
		- I.440	----	N
		- X.21	----	N
2	R96	Acceptable channel codings (ACC)	O	N
		- 9.6	----	N
		- 14.4	----	N
3	R96	Maximum number of Traffic Channels (MaxNumTCH)	O	N
		- 5	----	N
		- 6	----	N
4	-----	all allowed combinations according to 3GPP TS 07.01 B.1.3.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

Prerequisite: A.6/5 -- BS3x\_3.1kHz\_nonX.32 (diagram in 3GPP TS 07.01 B.1.3.2.1 (3GPP TS 27.001 B.1.3.2.1)).

<b>GSM_A.11</b>	<b>Release</b>	<b>Table A.11: Bearer Service 30..34, 3.1 kHz, Nn-X.32</b>	<b>Status</b>	<b>Supported</b>
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1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
2	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
3	Ph2	User Rate (UR).	M	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
4	Ph2	Modem Type (MT).	M	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
5	R96	Other Modem Type (OMT)	O	N
		- no other MT	----	N
		- V.34	----	N
		- NAV	----	N
6	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- NAV	----	N

7	R96	Acceptable channel codings (ACC)	O	N
		- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
8	R96	Maximum number of Traffic Channels (MaxNumTCH)	C1101	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
5a	-----	all allowed combinations according to 3GPP TS 07.01 B.1.3.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.1101 IF A.11/6 AND A.25/7 THEN M ELSE N/A

Prerequisite: A.6/6 -- BS3x\_3.1kHz\_X.32 (diagram in 3GPP TS 07.01 B.1.3.2.2 (3GPP TS 27.001 B.3.2.2)).

GSM_A.12	Release	Table A.12: Bearer Service 30..34, 3.1kHz, X.32	Status	Supported
1	Ph2	Connection Element (CE).	M	N
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
3	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
4	Ph2	User Rate (UR).	M	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
5	Ph2	Modem Type (MT).	M	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
6	R96	Other Modem Type (OMT)	O	N
		- no other MT	----	N
		- V.34	----	N
		- NAV	----	N
7	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- NAV	----	N
8	R96	Wanted Air Interface User Rate (WAIUR)	C1201	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- NAV	----	N

9	R96	Acceptable channel codings (ACC)	O	N
		- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
10	R96	User Initiated Modification Indication (UIMI)	O	N
		- not req.	----	N
		- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	N
11	R96	Maximum number of Traffic Channels (MaxNumTCH)	C1202	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
6a	-----	all allowed combinations according to 3GPP TS 07.01 B.1.3.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.1201 IF A.12/7 AND A.25/7 THEN M ELSE N/A

C.1202 IF A.12/7 THEN M ELSE N/A

Prerequisite: A.6/7 -- BS4x\_PAD (diagram in 3GPP TS 07.01 B.1.4 (3GPP TS 27.001 B.1.4)).

GSM_A.13	Release	Table A.13: Bearer Service 40..46, PAD Access	Status	Supported
1	Ph2	Connection Element (CE).	M	N
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	User Info Layer 2 Protocol (UIL2P).	M	N
		- ISO6429	----	N
		- COPnoFICt	----	N
		- NAV	----	N
3	Ph2	Number of Data Bits(NDB).	M	N
		- 7 bits	----	N
		- 8 bits	----	N
4	Ph2	Parity Information (NPB).	M	N
		- odd	----	N
		- even	----	N
		- 0	----	N
		- 1	----	N
		- none	----	N
5	Ph2	Number of Stop Bits (NSB).	M	N
		- 1 bit	----	N
		- 2 bits	----	N
6	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
7	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N

8	Ph2	User Rate (UR).	M	N
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
		- 1.2/0.075	----	N
9	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 48	----	N
		- 56	----	N
		- NAV	----	N
10	R96	Wanted Air Interface User Rate (WAIUR)	C1301	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 43.2	----	N
		- 57.6	----	N
		- NAV	----	N
11	R96	Acceptable channel codings (ACC)	O	N
		- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
12	R96	User Initiated Modification Indication (UIMI)	O	N
		- not req.	----	N
		- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	N
13	R96	Maximum number of Traffic Channels (MaxNumTCH)	C1302	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
9a	---	all allowed combinations according to 3GPP TS 07.01 B.1.4 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.1301 IF A.13/9 AND A.25/7 THEN M ELSE N/A

C.1302 IF A.13/9 THEN M ELSE N/A

Prerequisite: A.6/8 -- BS5x\_Packet (diagram in 3GPP TS 07.01 B.1.5 (3GPP TS 27.001 B.1.5)).

GSM_A.14	Release	Table A.14: Bearer Service 50..53, Data Packet Duplex Synchronous	Status	Supported
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N

		- dualFR	----	N
2	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
3	Ph2	User Rate (UR).	M	N
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
		- 1.2/0.075	----	N
4	R96	Fixed Network User Rate (FNUR)	O	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 48	----	N
		- 56	----	N
		- NAV	----	N
5	R96	Wanted Air Interface User Rate (WAIUR)	C1401	N
		- 9.6	----	N
		- 14.4	----	N
		- 19.2	----	N
		- 28.8	----	N
		- 38.4	----	N
		- 43.2	----	N
		- 57.6	----	N
		- NAV	----	N
6	R96	Acceptable channel codings (ACC)	O	N
		- 4.8	----	N
		- 9.6	----	N
		- 14.4	----	N
		- NAV	----	N
7	R96	User Initiated Modification Indication (UIMI)	O	N
		- not req.	----	N
		- upto1	----	N
		- upto2	----	N
		- upto3	----	N
		- upto4	----	N
		- NAV	----	N
8	R96	Maximum number of Traffic Channels (MaxNumTCH)	C1402	N
		- 1	----	N
		- 2	----	N
		- 3	----	N
		- 4	----	N
		- NAV	----	N
4a	-----	all allowed combinations according to 3GPP TS 07.01 B.1.5 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

C.1401 IF A.14/4 AND A.25/7 THEN M ELSE N/A

C.1402 IF A.14/4 THEN M ELSE N/A

Prerequisite: A.6/9 -- BS61\_Speech (diagram in 3GPP TS 07.01 B.1.6.1 (3GPP TS 27.001 B.1.6.1)).

GSM_A.15	Release	Table A.15: Bearer Service 61, Alternate Speech/Data, "Speech"	Status	Supported
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N

Prerequisite: A.6/10 -- BS61\_3.1kHz\_Async (diagram in 3GPP TS 07.01 B.1.6.2.1 (3GPP TS 27.001 B.1.6.2.1)).

GSM_A.16	Release	Table A.16: Bearer Service 61, Alternate Speech/Data, 3.1kHz, Async	Status	Supported
1	Ph2	Connection Element (CE).	M	N
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	User Info Layer 2 Protocol (UIL2P).	M	N
		- ISO6429	----	N
		- COPnoFICt	----	N
		- NAV	----	N
3	Ph2	Number of Data Bits (NDB).	M	N
		- 7 bits	----	N
		- 8 bits	----	N
4	Ph2	Parity Information (NPB).	M	N
		- odd	----	N
		- even	----	N
		- 0	----	N
		- 1	----	N
		- none	----	N
5	Ph2	Number of Stop Bits (NSB).	M	N
		- 1 bit	----	N
		- 2 bits	----	N
6	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
7	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
8	Ph2	User Rate (UR).	M	N
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
		- 1.2/0.075	----	N
9	R96	Modem Type (MT).	M	N
		- V.21	----	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
		- V.23	----	N
		- auto1	----	N
10	----	all allowed combinations according to 3GPP TS 07.01 B.1.6.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N

		- Y	----	N
		- N	----	N

Prerequisite: A.6/11 -- BS61\_3.1kHz\_Sync (diagram in 3GPP TS 07.01 B.1.6.2.2 (3GPP TS 27.001 B.1.6.2.2)).

<b>GSM_A.17</b>	<b>Release</b>	<b>Table A.17: Bearer Service 61, Alternate Speech/Data, 3.1kHz, Sync</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
2	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
3	Ph2	User Rate (UR).	M	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
4	R96	Modem Type (MT).	M	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
5	-----	all allowed combinations according to 3GPP TS 07.01 B.1.6.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

Prerequisite: A.6/12 -- BS81\_Speech (diagram in 3GPP TS 07.01 B.1.7.1 (3GPP TS 27.001 B.1.7.1)).

<b>GSM_A.18</b>	<b>Release</b>	<b>Table A.18: Bearer Service 81, Speech followed by Data, "Speech"</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N

Prerequisite: A.6/13 -- BS81\_3.1kHz\_Async (diagram in 3GPP TS 07.01 B.1.7.2.1 (3GPP TS 27.001 B.1.7.2.1)).

<b>GSM_A.19</b>	<b>Release</b>	<b>Table A.19: Bearer Service 81, Speech followed by Data, 3.1kHz, Async</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Connection Element (CE).	M	N
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	User Info Layer 2 Protocol (UIL2P).	M	N
		- ISO6429	----	N
		- COPnoFICt	----	N
		- NAV	----	N
3	Ph2	Number of Data Bits(NDB).	M	N
		- 7 bits	----	N
		- 8 bits	----	N
4	Ph2	Parity Information (NPB).	M	N
		- odd	----	N
		- even	----	N
		- 0	----	N

		- 1	----	N
		- none	----	N
5	Ph2	Number of Stop Bits (NSB).	M	N
		- 1 bit	----	N
		- 2 bits	----	N
6	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
7	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
8	Ph2	User Rate (UR).	M	N
		- 0.3	----	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
		- 1.2/0.075	----	N
9	R96	Modem Type (MT).	M	N
		- V.21	----	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
		- V.23	----	N
		- auto1	----	N
10	-----	all allowed combinations according to 3GPP TS 07.01 B.1.7.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

Prerequisite: A.6/14 -- BS81\_3.1kHz\_Sync (diagram in 3GPP TS 07.01 B.1.7.2.2 (3GPP TS 27.001 B.1.7.2.2)).

<b>GSM_A.20</b>	<b>Release</b>	<b>Table A.20: Bearer Service 81, Speech followed by Data, 3.1kHz, Sync</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N
2	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
3	Ph2	User Rate (UR).	M	N
		- 1.2	----	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
4	R96	Modem Type (MT).	M	N
		- V.22	----	N
		- V.22bis	----	N
		- V.26ter	----	N
		- V.32	----	N
5	-----	all allowed combinations according 3GPP TS 07.01 B.1.7.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N



		- Y	----	N
		- N	----	N

Prerequisite: A.6/15 -- TS1x\_Speech (diagram in 3GPP TS 07.01 B.1.8 (3GPP TS 27.001 B.1.8)).

<b>GSM_A.21</b>	<b>Release</b>	<b>Table A.21: Teleservice 11..12, Speech</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Radio Channel Requirement (RCR).	M	Y
		- dualHR	----	N
		- FR	----	Y
		- dualFR	----	Y

Prerequisite: A.6/16 -- TS61\_Speech (diagram in 3GPP TS 07.01 B.1.10.1 (3GPP TS 27.001 B.1.10.1)).

<b>GSM_A.22</b>	<b>Release</b>	<b>Table A.22: Alternate Speech and Facsimile group 3, Speech</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Radio Channel Requirement (RCR).	M	N
		- dualHR	----	N
		- FR	----	N
		- dualFR	----	N

Prerequisite: A.6/17 -- TS61\_G3FAX (diagram in 3GPP TS 07.01 B.1.10.2 (3GPP TS 27.001 B.1.10.2)).

<b>GSM_A.23</b>	<b>Release</b>	<b>Table A.23: Alternate Speech and Facsimile group 3, Facsimile group 3</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Connection Element (CE).	M	N
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	User Info Layer 2 Protocol (UIL2P).	M	N
		- X.25	----	N
		- NAV	----	N
3	Ph2	Intermediate Rate (IR).	M	N
		- 8 kbps	----	N
		- 16 kbps	----	N
4	Ph2	User Rate (UR).	M	N
		- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
5	-----	all allowed combinations according 3GPP TS 07.01 B.1.10.2 (3GPP TS 27.001) implemented (if not, provide detailed description).	O	N
		- Y	----	N
		- N	----	N

Prerequisite: A.3/7 -- Serv\_TS62 (diagram in 3GPP TS 07.01 B.1.11 (3GPP TS 27.001 B.1.11)).

<b>GSM_A.24</b>	<b>Release</b>	<b>Table A.24: Teleservice 62, Automatic G3 fax</b>	<b>Status</b>	<b>Supported</b>
1	Ph2	Connection Element (CE).	M	----
		- NT	----	N
		- bothNT	----	N
		- T	----	N
		- bothT	----	N
2	Ph2	User Info Layer 2 Protocol (UIL2P).	M	----
		- X.25	----	N
		- NAV	----	N
3	Ph2	Intermediate Rate (IR).	M	----
		- 8 kbps	----	N
		- 16 kbps	----	N
		User Rate (UR).	M	----

4	Ph2	- 2.4	----	N
		- 4.8	----	N
		- 9.6	----	N
5	-----	all allowed combinations according to 3GPP TS 07.01 B.1.11 (3GPP TS 27.001, annex B) implemented (if not, provide detailed description).	O	----
		- Y	----	N
		- N	----	N

GSM_A.25	Release	Table A.25: Additional Information	Status	Supported
1	Phase 2	at least one half rate service.	O	Y
2	Phase 2	Speech supported for Full rate version 1 (GSM FR).	C2501	Y
3	Phase 2	Speech supported for Half rate version 1 (GSM HR).	O	Y
4	Phase 2	at least one data service.	O	Y
5	Phase 2	at least one full rate data service.	O	Y
6	Phase 2	at least one half rate data service.	O	N
7	Phase 2	at least one non transparent data service.	O	Y
8	Phase 2	at least one transparent data service.	O	Y
9	Phase 2	only transparent data service	O	N
10	Phase 2	at least one asynchronous data service.	O	Y
11	Phase 2	at least one asynchronous non transparent data service.	O	Y
12	Phase 2	2.4 k full rate data mode.	O	N
13	Phase 2	2.4 k half rate data mode.	O	N
14	Phase 2	4.8 k full rate data mode.	O	N
15	Phase 2	4.8 k half rate data mode.	O	N
16	Phase 2	9.6 k full rate data mode.	O	Y
17	Phase 2	non transparent service with full rate channel at a user rate of 4.8 kbit/s.	O	N
18	Phase 2	at least one bearer capability.	O	Y
19	Phase 2	at least one MT circuit switched basic service.	O	Y
20	Phase 2	at least one MO circuit switched basic service.	O	Y
21	Phase 2	only SDCCH.	O	N
22	Phase 2	at least one service on traffic channel supported	O	Y
23	Phase 2	dual rate ratio channel types (no relation to supported speech codecs).	O	Y
24	Phase 2	only full rate radio channel type (no relation to supported speech codecs).	O	N
25	Phase 2	at least one teleservice.	O	Y
26	Phase 2	CC protocol for at least one BC.	O	Y
27	Phase 2	only circuit switched basic service supported by the mobile is emergency call.	C2505	N
28	Phase 2	Fax Error Correction Mode.	O	N
29	Phase 2	at least one supplementary service.	O	Y
30	Phase 2	non call related supplementary service.	O	Y
31	Phase 2	at least one short message service.	O	Y
32	Phase 2	(SMS) reply procedure.	O	Y
33	Phase 2	replace SMS.	O	N
34	Phase 2	display of received SMS.	O	Y
35	Phase 2	SMS status report capabilities.	O	Y
36	Phase 2	Storing of short messages in the SIM.	O	Y
37	Phase 2	Storing of short messages in the ME.	O	Y
38	Phase 2	detach on power down.	O	Y
39	Phase 2	detach on SIM remove.	O	N
40		SIM removable without power down.	O	N
41	Phase 2	ID-1 SIM.	O.2502	N
42	Phase 2	Plug-In SIM.	O.2502	Y
43	Phase 2	Disable PIN feature.	O	Y

44	Phase 2	PIN2 feature.	O	Y
45	Phase 2	Feature requiring entry of PIN2.	O	Y
46	Phase 2	Chars 0-9, *, # supported	O	Y
47	Phase 2	A, B, C, D chars. supported	O	N
48	Phase 2	automatically enter automatic selection of PLMN mode.	O	Y
49	Phase 2	alerting indication to the user.	O	Y
50	R98	Appl. Layer is always running.	O	N
51	Phase 2	Immediate connect supported for all circuit switched basic services.	O	N
52	Phase 2	In-Call modification.	O	N
53	Phase 2	follow-on request procedure.	O	Y
54	Phase 2	refusal of call.	O	Y
55	Phase 2	RF amplification.	O	N
56	Phase 2	Number of B-party number for autocalling is greater than the number of entries in the blacklist.	O	N
57	Phase 2	Handset MS supporting speech.	O	Y
58	Phase 2	MT2 Configuration.	O	Y
59	Phase 2	MT2 Configuration or any other possibility to send data over Um interface.	O	Y
60	Release 4	Permanent Antenna Connector.	O.2504	Y
61	Phase 2	Pseudo-synchronized handover supported.	O	Y
62	R96	5V only SIM/ME interface.	O.2503	N
63	R96	3V only SIM/ME interface.	O.2503	N
64	R96	3V/5V SIM/ME interface.	O.2503	N
65	Phase 2	Speech supported for Full rate version 2 (GSM EFR).	C2502	Y
66a	Phase 2	RLP supports non default parameters	O	Y
66b	R 96	Support of listening to voice broadcast calls (VBS	O	N
67	R 96	Support of originating voice broadcast call (VBS	O	N
68	R96	Support of listening to voice group calls (VGCS listening)	C2503	N
69	R96	Support of talking in voice group calls (VGCS talking)	C2504	N
70	R96	Support of originating voice group call (VGCS originating)	O	N
71	R96	Support reduced NCH monitoring	O	N
72	R 96	14.4 k data mode	O	Y
73	Phase 2	Implementation of cause number 27 of busy autocalling in category 2	O	N
74	Phase 2	Implementation of cause number 27 of busy autocalling in category 3	O	N
75		Void		
76	Phase 2 up to and including release 4	Artificial ear type 1	O	N
77	Phase 2	Artificial ear type 3.2, Low leak option	O	Y
78	R96	Artificial ear type 3.4	O	N
79	R98	Speech supported for Full rate version 3 (FR AMR).	C2502	Y
80	R 96	NCH monitoring in group receive mode	O	N
81	R 96	NCH monitoring in group transmit mode	O	N
82	R 96	NCH monitoring in dedicated mode	O	N
83	R 97	Support of one PDP context activation	O	Y
84	R 97	Support of more than one PDP context activation	O	N
85	R 97	Support of more than one PDP context activation simultaneously on the same SAPI	O	N
86	R 97	Support of GPRS data compression	O	Y
87	R 98	Support of GPRS header compression	O	Y
88	R 97	Support of Network requested PDP context activation	O	N
89	R 97	Support for user settings of minimum QoS	O	Y
90	R 97	Automatic GPRS attach procedure at switch-on/power-on	O	Y

91	R 97	MMI controlled attach/detach procedures for non-GPRS services	O	Y
92	R 97	Automatic attach procedure when MS identity cannot derived by the network	O	Y
93	R98	Automatic MM IMSI attach procedure at switch-	O	Y
94	R96	Support of SIM Application Toolkit	O	Y
95	R98	1,8V only SIM/ME interface.	O.2503	N
96	R98	1,8V/3V SIM/ME interface.	O.2503	Y
97	Phase 2	Multiple SM MO/PP on same RR link	O	Y
98	Phase 2	Support of stored list cell selection	O	Y
99	Phase 2	at least one service not support immediate connection	O	Y
100	-----	Void		
101	-----	Void		
102	Phase 2	EFR_EmgCallSetup message contains the bearer	O	Y
103	Phase 2	Support of MonitorPCH_GroupTransmitMode	O	N
104	Release 4	Integral_Antenna Connector	O.2504	N
105	R97	User requested combined GPRS and non-GPRS detached without powering off	O	N
106	R97	User requested non-GPRS detached	O	N
107	Phase 2	Artificial ear type 3.2, High leak option	O	N
108	R96	Artificial ear type 3.3	O	N
109	Phase2	Support of Multiple SMS	O	Y
110	R97	Cell Reselection after T3184 Expiry	O	Y
111	R97	GPRS attach attempted automatically due to outstanding request	O	Y
112	R98	Speech supported for Half rate version 3 (HR AMR)	O	Y
113	R5	AMR LoopBack Modes	C2506	Y
114	R99	TTY services	O	N
115	R99	Support of Secondary PDP Context Activation	O	N
116	Phase2	Support of MO SMS Concatenation	O	Y
117	Phase2	Support of MT SMS Concatenation	O	Y
118	R97	NITZ Supported	C2507	N
119	R97	Handling of Real Time (for NITZ)	O	N
120		Void		
121	R97	Re-attach automatically when the network commands a detach with no cause value	O	N
122	R98	Support of GPRS header compression algorithm type RFC 1144	O	Y
123	R99	Support of GPRS header compression algorithm type RFC 2507	O	Y
124	Rel-6	Support of ROHC algorithm type RFC 3241	O	N
125	Rel-6	Support of ROHC algorithm type RFC 3242	O	N
126	Rel-6	Support of ROHC algorithm type RFC 3408	O	N
127	Rel-6	Support of of ROHC algorithm type RFC 3095	O	N
128	R97	The way to trigger transferring of new user data in a different PDP context while an uplink transfer is in	O	Y
129	R99	Support of DARP phase 1	O	N
130	R99	Support of Card Application	O	N
131	Rel-5	Support of GSM speech half rate version 6 (O-TCH/AHS)	O	N
132	R99	MS with improved receiver performance	O	Y
133	Rel-5	Support of GSM speech full rate version 4 (O-TCH/WFS)	O	N
134	R97	Verification for correct repetition of new password	O	Y
135	R99	MS using reduced interslot dynamic range in multislot configurations	O	N
136	Rel-5	Support of GSM speech Half rate version 4 (O-	O	N
137	Rel-5	Support of GSM Speech Full Rate version 4 (TCH/WFS)	O	Y
138	Phase 2	Support of overwriting the existing Class 2 SMS	O	N
139	Rel-6	Support of Repeated ACCH	O	Y

140	R98	Support for a method for resetting stored A-GPS assistance data	O	N
141	Rel-7	Support of DARP phase 2	O	N
142	Rel-4	Support of Rel-4 acoustic implementation	O	N
143	R99	MS with no components having RF performance sensitive to vibration condition during testing	O	N
144	R97	Use of NITZ Full Name	O	N
145	R97	Use of NITZ Short Name	O	N
146	R97	Use of NITZ Universal Time	O	N
147	R97	Use of NITZ Local Time Zone	O	N
148	R99	MS using a temporary antenna connector	O.2504	N
149	Rel-6	Support of Repeated FACCH	M	Y
150	Rel-7	Support of HATS	O	Y
151	R99	Controlled Early Classmark Sending	O	Y
152	R99	SS Screening Indicator	O	Y
153	R99	VBS notification reception	O	N
154	R99	VGCS notification reception	O	N
155	R99	Classmark 3 options available	O	Y
156	R99	LCS VA Capability	O	Y
157	R99	UCS2 treatment	O	Y
158	R99	CM Service Prompt	O	Y
159	R99	Extended Measurement Capability	O	N
160	R99	SMS_VALUE (Switch-Measure-Switch)	O	Y
161	R99	SM_VALUE (Switch-Measure)	O	Y
162	R99	Enhanced Power Control (EPC)	O	N
163	R99	Offset required	O	N
164	R99	E-UTRA Measurement and Reporting support	O	N

O.2502

At least one of the requirements shall be supported.

O.2503

At least one of these items shall be supported.

O.2504

At least one of these items shall be supported.

C.2501

IF A.25/3 THEN M ELSE O

C.2502

IF A.25/2 THEN O ELSE N/A

C.2503

IF A.25/69 OR A.25/70 THEN M ELSE O

C.2504

IF A.25/70 THEN M ELSE O

C.2505

IF A.3/2 THEN O ELSE N/A

C.2506

IF A.25/79 THEN M ELSE N/A

C.2507

IF A.25/144 OR A.25/145 OR A.25/146 OR A.25/147 OR A.25/119 THEN O ELSE

N/A

GSM_A.25.1	Release	Table A.25.1: Additional Information (requiring	Status	Supported
1	R98	AMR C/I normalization factor( AFS GSM 900)(units: dB)(Range: 0 ... ∞)	O	N
2	R98	Loop C delay (round trip delay, in number of TDMA frames) (Range: 1 ... ∞)	O	1
3	R99	AMR C/I normalization factors (AFS, DARP), GSM 900 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)	O	24,24,24,24,20,17,19,18,4,5,4,4

4	R99	AMR C/I normalization factors (AHS, DARP), GSM 900 10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB) (Range: 0 ... ∞)	O	24,24,24,19,19, 20,10,9,3,7
5	Rel-5	O-TCH/F C/I normalisation factor(GSM 900)(units: dB) (Range: 0 ... ∞)	O	N
6	R98	Loop C delay Half rate (round trip delay, in number of TDMA frames) (Range: 1	O	1
7	R99	Averaging time Tav This time is the time between the first and the last measurement sample taken on one carrier during one averaging period when measurering received signal strength (Range: 0 ... ∞)	O	577 us
8	Rel-5	TCH/WFS C/I normalisation factor (GSM 900)(units: dB) (Range: 0 ... ∞)	O	N
9	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, GSM900) 12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB) (Range: 0 ... ∞)	O	N
10	R98	MS LCS Notification timeout timer (units: seconds) (Range: 1 ... ∞)	O	20
11	R98	AMR C/I normalization factor ( AFS GSM 850 )(units: dB)(Range: 0 ... ∞)	O	N
12	R98	AMR C/I normalization factor ( AFS GSM 700)(units: dB)(Range: 0 ... ∞)	O	N
13	R98	AMR C/I normalization factor ( AFS GSM 450)(units: dB)(Range: 0 ... ∞)	O	N
14	R98	AMR C/I normalization factor ( AFS DCS 1800)(units: dB)(Range: 0 ... ∞)	O	N
15	R98	AMR C/I normalization factor ( AFS PCS 1900)(units: dB)(Range: 0 ... ∞)	O	N
16	R98	AMR C/I normalization factor ( AHS GSM 900 )(units: dB)(Range: 0 ... ∞)	O	N
17	R98	AMR C/I normalization factor ( AHS GSM 850 )(units: dB)(Range: 0 ... ∞)	O	N
18	R98	AMR C/I normalization factor ( AHS GSM 700)(units: dB)(Range: 0 ... ∞)	O	N
19	R98	AMR C/I normalization factor ( AHS GSM 450)(units: dB)(Range: 0 ... ∞)	O	N
20	R98	AMR C/I normalization factor ( AHS DCS 1800)(units: dB)(Range: 0 ... ∞)	O	N
21	R98	AMR C/I normalization factor (AHS PCS 1900)(units: dB)(Range: 0 ... ∞)	O	N
22	R99	AMR C/I normalization factors (AFS, DARP, GSM 850)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)(Range: 0 ... ∞)	O	N
23	R99	AMR C/I normalization factors (AFS, DARP, GSM 700)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)(Range: 0 ... ∞)	O	N
24	R99	AMR C/I normalization factors (AFS, DARP, GSM 450)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)(Range: 0 ... ∞)	O	N
25	R99	AMR C/I normalization factors (AFS, DARP, DCS 1800)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)(Range: 0 ... ∞)	O	N

26	R99	AMR C/I normalization factors (AFS, DARP, PCS 1900)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.3(units: dB)(Range: 0 ... ∞)	O	N
27	R99	AMR C/I normalization factors (AHS, DARP, GSM 850)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)(Range: 0 ... ∞)	O	N
28	R99	AMR C/I normalization factors (AHS, DARP, GSM 700)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)(Range: 0 ... ∞)	O	N
29	R99	AMR C/I normalization factors (AHS, DARP, GSM 450)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)(Range: 0 ... ∞)	O	N
30	R99	AMR C/I normalization factors (AHS, DARP, DCS 1800)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)(Range: 0 ... ∞)	O	N
31	R99	AMR C/I normalization factors (AHS, DARP, PCS 1900)10 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.4(units: dB)(Range: 0 ... ∞)	O	N
32	Rel-5	O-TCH/F C/I normalisation factor (GSM 850)(units: dB)(Range: 0 ... ∞)	O	N
33	Rel-5	O-TCH/F C/I normalisation factor(GSM 700)(units: dB)(Range: 0 ... ∞)	O	N
34	Rel-5	O-TCH/F C/I normalisation factor(GSM 450)(units: dB)(Range: 0 ... ∞)	O	N
35	Rel-5	O-TCH/F C/I normalisation factor(DCS 1800)(units: dB)(Range: 0 ... ∞)	O	N
36	Rel-5	O-TCH/F C/I normalisation factor(PCS 1900)(units: dB)(Range: 0 ... ∞)	O	N
37	Rel-5	TCH/WFS C/I normalisation factor(GSM 850)(units: dB)(Range: 0 ... ∞)	O	N
38	Rel-5	TCH/WFS C/I normalisation factor(GSM 700)(units: dB)(Range: 0 ... ∞)	O	N
39	Rel-5	TCH/WFS C/I normalisation factor(GSM 450)(units: dB)(Range: 0 ... ∞)	O	N
40	Rel-5	TCH/WFS C/I normalisation factor(PCS 1900)(units: dB)(Range: 0 ... ∞)	O	N
41	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, GSM850)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... ∞)	O	N
42	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, GSM850)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... ∞)	O	N
43	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, GSM700)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... ∞)	O	N
44	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, GSM450)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... ∞)	O	N
45	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, DCS1800)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... ∞)	O	N

46	Rel-5	TCH/WFS C/I normalization factors (TCH/WFS, DARP, PCS1900)12 values representing SS adjustment of variable normalisation factors for C/I values as stated in 14.10.9(units: dB)(Range: 0 ... $\infty$ )	O	N
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<b>GSM_A.27</b>	<b>Release</b>	<b>Table A.27: Support of UTRAN Radio Access</b>	<b>Status</b>	<b>Supported</b>
1	R99	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	O	Y
2	R99	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	O	Y
3	R99	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	O	Y
4	R99	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	O	Y



STK A.1	Release	Table A.1: Options	Status	Supported
1	----	Capability Configuration parameter	O	Y
2	----	Sustained text	O	Y
3	----	UCS2 coding scheme for Entry	O	Y
4	----	Extended Text String	O	Y
5	----	Help information	O	Y
6	----	Icons	O	Y
7	----	Class A: Dual Slot	O	N
8	----	Detachable reader	O	N
9	----	Class B: RUN AT	O	N
10	----	Class C: LAUNCH BROWSER	O	N
11	----	Class D: Soft keys	O	N
12	----	Class E: B.I.P related to CSD	O	N
13	----	Screen sizing parameters	O	N
14	----	Screen Resizing	O	N
15	----	UCS2 coding scheme for Display	O	Y
16	----	Mobile supporting GPRS	O	Y
17	----	Mobile supporting UDP	O	Y
18	----	Mobile supporting TCP	O	Y
19	----	Redial in Set Up Call	O	N
20	----	Mobile decision to respond with "No response from user" in finite time	O	Y
21	----	Class E: B.I.P related to GPRS	O	N
22	----	Mobile supporting Called Party Subaddress	O	Y
23	----	Mobile supporting Fixed Dialling Numbers	O	Y
24	----	Mobile supporting Barred Dialling Numbers	O	N
25	----	Mobile supporting "+CIMI" in combination with Run AT Command	O	N
26	----	UCS2 in Cyrillic	O	N
27	----	Mobile supporting '9EXX' response code for SIM data download error	O	Y
28	----	Mobile supporting Envelope Call Control always sent to the SIM during automatic redial mode	O	N
29	----	Mobile supporting 2nd alpha identifier in SET UP CALL	O	Y
30	----	Mobile supporting Open Channel (GPRS) not containing a Network Access Name TLV when no default Access Point Name is set in the terminal configuration	O	N
31	----	Preferred buffer size supported by the terminal for Open Channel command is greater than 0 byte and less than 65535 bytes	O	N
32	----	Terminal supports Dual Transfer Mode (allowing GPRS connection and call at the same time)	O	Y
33	----	Terminal supports Long ForwardToNumber	O	Y
34	----	Terminal executes User confirmation phase before sending PDP context activation request	O	Y
35	----	Terminal supports SAT and USAT	O	Y
36	----	ME requesting for user confirmation before sending the Envelope Call Control command	O	Y
37	----	ME requesting for user confirmation after sending the Envelope Call Control command	O	N
38	----	ME supports Call Hold Supplementary Service	O	Y
39	----	Void	O	
40	----	Void	O	

41	----	Void	O	
42	----	Terminal supports at least one supplementary service.	O	Y
43	----	Terminal supports "Call Forwarding Unconditional"	O	Y
44	----	Terminal supports "Calling Line Identification Restriction"	O	Y
45	----	Terminal supports display capability	C001	Y
46	----	Terminal supports keypad	C001	Y
47	----	Terminal supports audio alerting	C001	Y
48	----	Terminal supports speech call	C001	Y
49	----	Terminal supports multiple languages	C001	Y
50	----	Terminal displays icons as defined in record 1 of EF(IMG) for Display Text command	O	N
51	----	Terminal displays icons as defined in record 2 of EF(IMG) for Display Text command	O	N
52	----	Terminal displays icons as defined in record 5 of EF(IMG) for Display Text command	O	N
53	----	Terminal displays icons as defined in record 1 of EF(IMG) for Get Inkey command	O	N
54	----	Terminal displays icons as defined in record 2 of EF(IMG) for Get Inkey command	O	N
55	----	Terminal displays icons as defined in record 5 of EF(IMG) for Get Inkey command	O	N
56	----	Terminal displays icons as defined in record 1 of EF(IMG) for Get Input command	O	N
57	----	Terminal displays icons as defined in record 2 of EF(IMG) for Get Input command	O	N
58	----	Terminal displays icons as defined in record 5 of EF(IMG) for Get Input command	O	N
59	----	Terminal displays icons as defined in record 1 of EF(IMG) for Play Tone command	O	N
60	----	Terminal displays icons as defined in record 2 of EF(IMG) for Play Tone command	O	N
61	----	Terminal displays icons as defined in record 5 of EF(IMG) for Play Tone command	O	N
62	----	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Menu command	O	N
63	----	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Menu command	O	N
64	----	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Menu command	O	N
65	----	Terminal displays icons as defined in record 1 of EF(IMG) for Select Item command	O	N
66	----	Terminal displays icons as defined in record 2 of EF(IMG) for Select Item command	O	N
67	----	Terminal displays icons as defined in record 5 of EF(IMG) for Select Item command	O	N

68	----	Terminal displays icons as defined in record 1 of EF(IMG) for Send Short Message command	O	N
69	----	Terminal displays icons as defined in record 2 of EF(IMG) for Send Short Message command	O	N
70	----	Terminal displays icons as defined in record 5 of EF(IMG) for Send Short Message command	O	N
71	----	Terminal displays icons as defined in record 1 of EF(IMG) for Send SS command	O	N
72	----	Terminal displays icons as defined in record 2 of EF(IMG) for Send SS command	O	N
73	----	Terminal displays icons as defined in record 5 of EF(IMG) for Send SS command	O	N
74	----	Terminal displays icons as defined in record 1 of EF(IMG) for Send USSD command	O	N
75	----	Terminal displays icons as defined in record 2 of EF(IMG) for Send USSD command	O	N
76	----	Terminal displays icons as defined in record 5 of EF(IMG) for Send USSD command	O	N
77	----	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Call command	O	N
78	----	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Call command	O	N
79	----	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Call command	O	N
80	----	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Idle Mode Text command	O	N
81	----	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Idle Mode Text command	O	N
82	----	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Idle Mode Text command	O	N
83	----	Terminal displays icons as defined in record 1 of EF(IMG) for Run AT Command command	O	N
84	----	Terminal displays icons as defined in record 2 of EF(IMG) for Run AT Command command	O	N
85	----	Terminal displays icons as defined in record 5 of EF(IMG) for Run AT Command command	O	N
86	----	Terminal displays icons as defined in record 1 of EF(IMG) for Send DTMF command	O	N
87	----	Terminal displays icons as defined in record 2 of EF(IMG) for Send DTMF command	O	N
88	----	Terminal displays icons as defined in record 5 of EF(IMG) for Send DTMF command	O	N
89	----	Terminal displays icons as defined in record 1 of EF(IMG) for Launch Browser command	O	N

90	----	Terminal displays icons as defined in record 2 of EF(IMG) for Launch Browser command	O	N
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91	----	Terminal displays icons as defined in record 5 of EF(IMG) for Launch Browser command	O	N
----	------	--	---	---

C001 If feature is implemented according to TS 31.111 [22] Rel-8 or later then O, else M

STK_A.2	Table A.2: ME's default configuration	Status	Value
1	DISPLAY TEXT: No Response from user timeout interval	C	120000mS
2	GET INKEY: No response from user Timeout interval	C	120000mS
3	GET INPUT: No response from user Timeout interval	C	120000mS
4	SELECT ITEM: No response from user Timeout interval	C	120000mS
5	Preferred buffer size supported by the terminal for Open Channel	C	Not support
6	Channel Id	C	
NOTE : Conditional values shall be provided if the corresponding option is supported in the table A.1			

STK_E.1	Release	Table E.1: TERMINAL PROFILE support	Status	Supported
1	R96	Profile Download	M	Y
2	R96	SMS-PP data download	M	Y
3	R96	Cell Broadcast data download	M	Y
4	R96	Menu selection	C228 AND C229	Y
5	R97	'9EXX' response code for SIM data download error	C224	Y
6	R98	Timer expiration	M	Y
7	R98	USSD string data object supported in Call Control	M	Y
8	R99	Envelope Call Control always sent to the SIM during automatic redial mode	C225 AND C231	N
9	R96	Command result	M	Y
10	R96	Call Control by SIM	C231	Y
11	R97	Cell identity included in Call Control by SIM	C231	Y
12	R98	MO short message control by SIM	M	Y
13	R97	Handling of the alpha identifier	M	Y
14	R97	UCS2 Entry supported	C203 AND C229	Y
15	R97	UCS2 Display supported	C204 AND C228	Y
16	R98	Display of the extension text	C205 AND C228	Y
17	R96	DISPLAY TEXT	C228	Y
18	R96	GET INKEY	C228 AND C229	Y
19	R96	GET INPUT	C228 AND C229	Y
20	R96	MORE TIME	M	Y
21	R96	PLAY TONE	C230	Y
22	R96	POLL INTERVAL	M	Y
23	R96	POLLING OFF	M	Y
24	R96	REFRESH	M	Y
25	R96	SELECT ITEM	C228 AND C229	Y
26	R96	SEND SHORT MESSAGE	M	Y
27	R96	SEND SS	M	Y
28	R98	SEND USSD	M	Y
29	R96	SET UP CALL	C228 AND C229 AND C231	Y
30	R96	SET UP MENU	C228 AND C229	Y
31	R96	PROVIDE LOCAL INFORMATION (LOCi & IMEI)	M	Y
32	R97	PROVIDE LOCAL INFORMATION (NMR)	M	Y
33	R98	SET UP EVENT LIST	M	Y
34	R98	Event: MT call	C231	Y
35	R98	Event: Call connected	C231	Y
36	R98	Event: Call disconnected	C231	Y
37	R98	Event: Location status	M	Y
38	R98	Event: User activity	C229	Y
39	R98	Event: Idle screen available	C228	Y
40	R98	Event: Card reader status	C206	N
41	R99	Event: Language selection	C232	Y
42	R99	Event: Browser Termination	C212 AND C228 AND C229	N
43	R99	Event: Data available	C223	N
44	R99	Event: Channel status	C223	N
45	R96	RFU	X	
46	R96	RFU	X	

47	R96	RFU	X	
48	R96	RFU	X	
49	R98	POWER ON CARD	C206	N
50	R98	POWER OFF CARD	C206	N
51	R98	PERFORM CARD APDU	C206	N
52	R98	GET READER STATUS (Card reader status)	C206	N
53	R99	GET READER STATUS (Card reader identifier)	C208	N
54	R96	RFU	X	
55	R96	RFU	X	
56	R96	RFU	X	
57	R98	TIMER MANAGEMENT (start, stop)	M	Y
58	R98	TIMER MANAGEMENT (get current value)	M	Y
59	R98	PROVIDE LOCAL INFORMATION (date, time and time zone)	M	Y
60	R98	Binary choice in GET INKEY	C229	Y
61	R98	SET UP IDLE MODE TEXT	C228	Y
62	R98	RUN AT COMMAND (i.e. class "b" is supported)	C209	N
63	R98	2nd alpha identifier in SET UP CALL	C226 AND C228 AND C229 AND C231	Y
64	R98	2nd capability configuration parameter	C210 AND C231	Y
65	R98	Sustained DISPLAY TEXT	C211 AND C228	Y
66	R98	SEND DTMF command	C231	Y
67	R98	PROVIDE LOCAL INFORMATION - BCCH	M	Y
68	R99	PROVIDE LOCAL INFORMATION (language)	M	Y
69	R99	PROVIDE LOCAL INFORMATION (Timing Advance)	M	Y
70	R99	LANGUAGE NOTIFICATION	C232	Y
71	R99	LAUNCH BROWSER	C212 AND C228 AND C229	N
72	R96	RFU	X	
73	R99	Soft keys support for SELECT ITEM	C213	N
74	R99	Soft Keys support for SET UP MENU	C213	N
75	R96	RFU	X	
76	R96	RFU	X	
77	R96	RFU	X	
78	R96	RFU	X	
79	R96	RFU	X	
80	R96	RFU	X	
81	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
82	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
83	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
84	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
85	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
86	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
87	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
88	R99	Maximum number of soft keys available ('FF' = RFU)	C214	N
89	R99	OPEN CHANNEL	C223	N
90	R99	CLOSE CHANNEL	C223	N

91	R99	RECEIVE DATA	C223	N
92	R99	SEND DATA	C223	N
93	R99	GET CHANNEL STATUS	C223	N
94	R96	RFU	X	
95	R96	RFU	X	
96	R96	RFU	X	
97	R99	CSD supported by ME	C207	N
98	R99	GPRS supported by ME	C222	N
99	R96	RFU	X	
100	R96	RFU	X	
101	R96	RFU	X	
102	R99	Number of channels supported by ME	C227	0
103	R99	Number of channels supported by ME	C227	N
104	R99	Number of channels supported by ME	C227	N
105	R99	Number of characters supported down the ME	C234	8
106	R99	Number of characters supported down the ME	C234	N
107	R99	Number of characters supported down the ME	C234	N
108	R99	Number of characters supported down the ME	C234	N
109	R99	Number of characters supported down the ME	C234	N
110	Rel-8	No display capability (i.e class "ND" is indicated)	C228	N
111	Rel-8	No keypad available (i.e. class "NK" is indicated)	C229	N
112	R99	Screen Sizing Parameters	C216	N
113	R99	Number of characters supported across the ME display	C234	17
114	R99	Number of characters supported across the ME display	C234	N
115	R99	Number of characters supported across the ME display	C234	N
116	R99	Number of characters supported across the ME display	C234	N
117	R99	Number of characters supported across the ME display	C234	N
118	R99	Number of characters supported across the ME display	C234	N
119	R99	Number of characters supported across the ME display	C234	N
120	R99	Variable size fonts Supported	C233	N
121	R99	Display can be resized	C218	N
122	R99	Text Wrapping supported	C233	Y
123	R99	Text Scrolling supported	C233	Y
124	R96	RFU	X	
125	R96	RFU	X	
126	R99	Width reduction when in a menu	C217	0
127	R99	Width reduction when in a menu	C217	N
128	R99	Width reduction when in a menu	C217	N
129	R99	TCP	C220	Y
130	R99	UDP	C221	Y
131	R96	RFU	X	
132	R96	RFU	X	
133	R96	RFU	X	
134	R96	RFU	X	
135	R96	RFU	X	
136	R96	RFU	X	
137	R96	RFU	X	
138	R96	RFU	X	
139	R96	RFU	X	
140	R96	RFU	X	



141	R96	RFU	X	
142	R96	RFU	X	
143	R96	RFU	X	
144	R96	RFU	X	
145	R99	Protocol Version	TBD	
146	R99	Protocol Version	TBD	
147	R99	Protocol Version	TBD	
148	R99	Protocol Version	TBD	
149	R96	RFU	X	
150	R96	RFU	X	
151	R96	RFU	X	
152	R96	RFU	X	

USIM_A. 1	Release	Table A.1: Options	Status	Support
1		Support of CS	O	Y
2		Support of a feature requiring PIN2 entry (such as e.g. AoC or FDN)	O	Y
3		Support of UTRAN access	C001	Y
4		Support of GERAN access	C002	Y
5		Support of Fixed Dialling Numbers	O	Y
6		Support of Advice of Charge Charging	O	N
7		Support of Higher priority PLMN selector with Access Technology service (Implementation is optional in Rel-6 and onwards)	C003	Y
8		Support of local phonebook	C004	Y
9		Support of global phonebook	C004	Y
10		Support of "Receive SMS" functionality	O	Y
11		Support of MMS	O	N
12		Support of usage of MMS related data stored on the USIM	C005	N
13		Supported of unselected user MMS connectivity parameters	O	N
14		Support of MMS notification storage on the USIM	O	N
15		Support of ACL	O	N
16		Support of SDN	O	N
17		Support of numerical entry of PLMN codes in EF PLMNwACT	O	N
18		Terminal does support speech call	O	Y
19		Terminal support PIN MMI strings	O	Y
20		Terminal does support eFDD	O	N
21		Terminal does support eTDD	O	N
22		Terminal does support CSG list handling	O	N
C001 If terminal is 3G terminal then M else N/A C002 If terminal is 2G terminal then M else O C003 If Higher priority PLMN selector with Access Technology service is implemented according to Rel-6 or later then O else M C004 If terminal is implemented according to Rel-6 or later then M, else O C005 If terminal is implemented according to R99 then N/A else if terminal is implemented according to Rel-4 then O else M				

USATK A.1	Release	Option	Status	Support
1		Capability Configuration parameter	M	Y
2		Sustained text	C002	Y
3		UCS2 coding scheme for Entry	O	Y
4		Extended Text String	C002	Y
5		Help information	O	Y
6		Icons	O	N
7		Class A: Dual Slot	O	N
8		Detachable reader	O	N
9		Class B: RUN AT	O	N
10		Class C: LAUNCH BROWSER	O	N
11		Class D: Soft keys	O	N
12		Class E: B.I.P related to CSD	O	N
13		Screen sizing parameters	O	N
14		Screen Resizing	O	N
15		UCS2 coding scheme for Display	O	Y
16		Mobile supporting GPRS	O	Y
17		Mobile supporting UDP	O	Y
18		Mobile supporting TCP	O	Y
19		Redial in Set Up Call	O	N
20		Mobile decision to respond with "No response from user" in finite time	O	Y
21		Class E: B.I.P related to GPRS	O	N
22		Mobile supporting Called Party Subaddress	O	Y
23		Immediate response	O	Y
24		Variable Timeout	O	Y
25		void		
26		Class F: B.I.P related to local bearer	O	N
27		BlueTooth Support	O	N
28		IrDA Support	O	N
29		RS232 Support	O	N
30		USB Support	O	Y
31		WML Browser Support	O	N
32		XHTML Browser Support	O	N
33		HTML Browser Support	O	N
34		CHTML Browser Support	O	N
35		Class G: Battery Data	O	N
36		Class H: Multimedia Call Support	O	N
37		Class I: Frame support	O	N
38		Class J: Multimedia Messaging Support	O	N
39		ME requesting for user confirmation before sending the Envelope Call Control command	O	Y
40		ME requesting for user confirmation after sending the Envelope Call Control command	O	N
41		UCS2 in Cyrillic	O	N
42		UCS2 in Chinese	O	N
43		UCS2 in Katakana	O	N
44		Mobile supporting Barred Dialling Numbers	O	Y
45		Mobile supporting Fixed dialling numbers	O	Y
46		Mobile supporting "+CIMI" in combination with Run AT Command	O	N
47		Mobile supporting "+CGMI" in combination with Run AT Command	O	N
48		Mobile supporting Open Channel (GPRS) not containing a Network Access Name TLV when no default Access Point Name is set in the terminal configuration	O	N
49		Preferred buffer size supported by the terminal for Open Channel command is greater than 0 byte and less than 65535 bytes	O	N
50		Text attributes – Alignment left	O	N
51		Text attributes – Alignment center	O	N
52		Text attributes – Alignment right	O	N
53		Text attributes – Font size normal	O	N
54		Text attributes – Font size large	O	N
55		Text attributes – Font size small	O	N
56		Text attributes – Style normal	O	N
57		Text attributes – Style bold	O	N
58		Text attributes – Style italic	O	N
59		Text attributes – Style underlined	O	N
60		Text attributes – Style strikethrough	O	N
61		Text attributes – Style text foreground colour	O	N

62		Text attributes – Style text background colour	O	N
63		Terminal supports Long ForwardToNumber	O	Y
64		Mobile supporting GERAN	O	Y
65		Support of global phonebook	C001	Y
66		HSDPA Support	O	Y
67		UTRAN PS with extended parameters Support	O	N
68		Terminal executes User confirmation phase before sending PDP context activation request	O	N
69		ME supports Call Hold Supplementary Service	O	Y
70		Class E: B.I.P. related to I-WLAN	O	N
71		Class K: Terminal Applications support	O	N
72		Class E: Terminal supports TCP, UICC in Server Mode	O	N
73		Class E: Terminal supports TCP, Terminal in Server Mode	O	N
74		Class E: Terminal supports UDP, UICC in Server Mode	O	N
75		Void		
76		Void		
77		Void		
78		Terminal supports at least one supplementary service.	O	Y
79		Terminal supports "Call Forwarding Unconditional"	O	Y
80		Terminal supports "Calling Line Identification Restriction"	O	Y
81		Class N:Terminal supports "Geographical location discovery"	O	N
82		Terminal supports melody and theme tones	O	N
83		Terminal supports Toolkit-initiated GBA	O	N
84		Terminal supports display capability	C002	Y
85		Terminal supports keypad	C002	Y
86		Terminal supports audio alerting	C002	Y
87		Terminal supports speech call	C002	Y
88		Terminal supports multiple languages	C002	Y
89		Class P:USSD Data Download and application mode	O	N
90		Terminal displays icons as defined in record 1 of EF(IMG) for Display Text command	O	N
91		Terminal displays icons as defined in record 2 of EF(IMG) for Display Text command	O	N
92		Terminal displays icons as defined in record 5 of EF(IMG) for Display Text command	O	N
93		Terminal displays icons as defined in record 1 of EF(IMG) for Get Inkey command	O	N
94		Terminal displays icons as defined in record 2 of EF(IMG) for Get Inkey command	O	N
95		Terminal displays icons as defined in record 5 of EF(IMG) for Get Inkey command	O	N
96		Terminal displays icons as defined in record 1 of EF(IMG) for Get Input command	O	N
97		Terminal displays icons as defined in record 2 of EF(IMG) for Get Input command	O	N
98		Terminal displays icons as defined in record 5 of EF(IMG) for Get Input command	O	N
99		Terminal displays icons as defined in record 1 of EF(IMG) for Play Tone command	O	N
100		Terminal displays icons as defined in record 2 of EF(IMG) for Play Tone command	O	N
101		Terminal displays icons as defined in record 5 of EF(IMG) for Play Tone command	O	N
102		Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Menu command	O	N
103		Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Menu command	O	N
104		Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Menu command	O	N
105		Terminal displays icons as defined in record 1 of EF(IMG) for Select Item command	O	N
106		Terminal displays icons as defined in record 2 of EF(IMG) for Select Item command	O	N
107		Terminal displays icons as defined in record 5 of EF(IMG) for Select Item command	O	N
108		Terminal displays icons as defined in record 1 of EF(IMG) for Send Short Message command	O	N

109		Terminal displays icons as defined in record 2 of EF(IMG) for Send Short Message command	O	N
110		Terminal displays icons as defined in record 5 of EF(IMG) for Send Short Message command	O	N
111		Terminal displays icons as defined in record 1 of EF(IMG) for Send SS command	O	N
112		Terminal displays icons as defined in record 2 of EF(IMG) for Send SS command	O	N
113		Terminal displays icons as defined in record 5 of EF(IMG) for Send SS command	O	N
114		Terminal displays icons as defined in record 1 of EF(IMG) for Send USSD command	O	N
115		Terminal displays icons as defined in record 2 of EF(IMG) for Send USSD command	O	N
116		Terminal displays icons as defined in record 5 of EF(IMG) for Send USSD command	O	N
117		Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Call command	O	N
118		Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Call command	O	N
119		Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Call command	O	N
120		Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Idle Mode Text command	O	N
121		Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Idle Mode Text command	O	N
122		Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Idle Mode Text command	O	N
123		Terminal displays icons as defined in record 1 of EF(IMG) for Run AT Command command	O	N
124		Terminal displays icons as defined in record 2 of EF(IMG) for Run AT Command command	O	N
125		Terminal displays icons as defined in record 5 of EF(IMG) for Run AT Command command	O	N
126		Terminal displays icons as defined in record 1 of EF(IMG) for Send DTMF command	O	N
127		Terminal displays icons as defined in record 2 of EF(IMG) for Send DTMF command	O	N
128		Terminal displays icons as defined in record 5 of EF(IMG) for Send DTMF command	O	N
129		Terminal displays icons as defined in record 1 of EF(IMG) for Launch Browser command	O	N
130		Terminal displays icons as defined in record 2 of EF(IMG) for Launch Browser command	O	N
131		Terminal displays icons as defined in record 5 of EF(IMG) for Launch Browser command	O	N
132		Class E: Terminal does support eFDD	O	N
133		Class E: Terminal does support eTDD	O	N
134		Terminal supports UTRAN	O	Y
135		Terminal supports E-UTRAN but neither UTRAN nor GERAN	C003	N
C001 If terminal is implemented according to Rel-6 or later then M, else O C002 If feature is implemented according to Rel-8 or later then O, else M C003 If terminal is implemented according to Rel-8 or later AND				

USATK_A.2	Description	Status	Value
1	DISPLAY TEXT: No Response from user timeout interval	C	120000ms
2	GET INKEY: No response from user Timeout interval	C	120000ms
3	GET INPUT: No response from user Timeout interval	C	120000ms
4	SELECT ITEM: No response from user Timeout interval	C	120000ms
5	DISPLAY TEXT Text Attributes Alignment [Left or Center or Right]	C	
6	GET INKEY Text Attributes Alignment [Left or Center or Right]	C	
7	GET IMPUT Text Attributes Alignment [Left or Center or Right]	C	
8	PLAY TONE Text Attributes Alignment [Left or Center or Right]	C	
9	SET UP MENU Text Attributes Alignment [Left or Center or Right]	C	
10	SELECT ITEM Text Attributes Alignment [Left or Center or Right]	C	

11		SEND SHORT MESSAGE Text Attributes Alignment [Left or Center or R	C	
12		SEND SS Text Attributes Alignment [Left or Center or Right]	C	
13		SEND USSD Text Attributes Alignment [Left or Center or Right]	C	
14		SET UP CALL Text Attributes Alignment [Left or Center or Right]	C	
15		SET UP IDLE MODE TEXT Text Attributes Alignment [Left or Center or R	C	
16		RUN AT Text Attributes Alignment [Left or Center or Right]	C	
17		SEND DTMF Text Attributes Alignment [Left or Center or Right]	C	
18		LAUNCH BROWSER Text Attributes Alignment [Left or Center or Right]	C	
19		OPEN CHANNEL Text Attributes Alignment [Left or Center or Right]	C	
20		CLOSE CHANNEL Text Attributes Alignment [Left or Center or Right]	C	
21		RECEIVE DATA Text Attributes Alignment [Left or Center or Right]	C	
22		SEND DATA Text Attributes Alignment [Left or Center or Right]	C	
23		IMEI	M	35389004
24		IMEISV	C	01
25		[Reserved]		
26		Additional Card Reader Id	C	
27		Channel Id	C	
28		Manufacturer identification as implemented according to TS 27.007, cl. 5	C	
29		Preferred buffer size supported by the terminal for Open Channel comma	C	

USATK_E.1	Byte.bit	Terminal Profile	Release	Support
1	1.1	Profile Download	R99	Y
2	1.2	SMS-PP data download	R99	Y
3	1.3	Cell Broadcast data download	R99	Y
4	1.4	Menu selection	R99	Y
5	1.5	Bit=1 if SMS-PP data Download supported	R99	Y
6	1.6	Timer expiration	R99	Y
7	1.7	Bit=1 if Call control supported	R99	Y
8	1.8	Bit=1 if Call control supported	R99	Y
9	2.1	Command result	R99	Y
10	2.2	Call Control by USIM	R99	Y
11	2.3	Bit=1 if Call control supported	R99	Y
12	2.4	MO short message control by USIM	R99	Y
13	2.5	Bit=1 if Call control supported	R99	Y
14	2.6	UCS2 Entry supported	R99	Y
15	2.7	UCS2 Display supported	R99	Y (V1.12)
16	2.8	Bit=1 if Display Text supported	R99	Y
17	3.1	DISPLAY TEXT	R99	Y
18	3.2	GET INKEY	R99	Y
19	3.3	GET INPUT	R99	Y
20	3.4	MORE TIME	R99	Y
21	3.5	PLAY TONE	R99	Y
22	3.6	POLL INTERVAL	R99	Y
23	3.7	POLLING OFF	R99	Y
24	3.8	REFRESH	R99	Y
25	4.1	SELECT ITEM	R99	Y
26	4.2	SEND SHORT MESSAGE	R99	Y
27	4.3	SEND SS	R99	Y
28	4.4	SEND USSD	R99	Y
29	4.5	SET UP CALL	R99	Y
30	4.6	SET UP MENU	R99	Y
31	4.7	PROVIDE LOCAL INFORMATION (LOCI & IMEI)	R99	Y
32	4.8	PROVIDE LOCAL INFORMATION (NMR)	R99	Y
33	5.1	SET UP EVENT LIST	R99	Y
34	5.2	Event: MT call	R99	Y
35	5.3	Event: Call connected	R99	Y
36	5.4	Event: Call disconnected	R99	Y
37	5.5	Event: Location status	R99	Y
38	5.6	Event: User activity	R99	Y
39	5.7	Event: Idle screen available	R99	Y
40	5.8	Event: Card reader status	R99	Y
41	6.1	Event: Language selection	R99	Y (V1.12)
42	6.2	Event: Browser Termination	R99	N
43	6.3	Event: Data available	R99	N
44	6.4	Event: Channel status	R99	N
45	6.5	Event: Access Technology Change	Rel-4	Y
46	6.6	Event: Display Parameters Changed	Rel-4	N

47	6.7	Event: Local Connection	Rel-4	N
48	6.8	Event: Network Search Mode Change	Rel-6	Y
49	7.1	POWER ON CARD	R99	N
50	7.2	POWER OFF CARD	R99	N
51	7.3	PERFORM CARD APDU	R99	N
52	7.4	GET READER STATUS (Card reader status)	R99	N
53	7.5	GET READER STATUS (Card reader identifier)	R99	N
54	7.6	RFU	R99	
55	7.7	RFU	R99	
56	7.8	RFU	R99	
57	8.1	TIMER MANAGEMENT (start, stop)	R99	Y
58	8.2	TIMER MANAGEMENT (get current value)	R99	Y
59	8.3	PROVIDE LOCAL INFORMATION (date, time and time zone)	R99	Y
60	8.4	Bit=1 if Get Inkey	R99	Y
61	8.5	SET UP IDLE MODE TEXT	R99	Y
62	8.6	RUN AT COMMAND (i.e. class "b" is supported)	R99	N
63	8.7	Bit=1 if Set UpCall	R99	Y
64	8.8	Bit=1 if Call Control	R99	N
65	9.1	Bit=1 if Display Text	R99	Y
66	9.2	SEND DTMF command	R99	Y
67	9.3	Bit = 1 if Provide Local Information (NMR) supported	R99	Y
68	9.4	PROVIDE LOCAL INFORMATION (language)	R99	Y
69	9.5	PROVIDE LOCAL INFORMATION (Timing Advance)	R99	Y
70	9.6	LANGUAGE NOTIFICATION	R99	Y
71	9.7	LAUNCH BROWSER	R99	N
72	9.8	PROVIDE LOCAL INFORMATION (Access Technology)	Rel-4	Y
73	10.1	Soft keys support for SELECT ITEM	R99	N
74	10.2	Soft Keys support for SET UP MENU	R99	N
75	10.3	RFU	R99	
76	10.4	RFU	R99	
77	10.5	RFU	R99	
78	10.6	RFU	R99	
79	10.7	RFU	R99	
80	10.8	RFU	R99	
81	11.1	Maximum number of soft keys available ('FF' = RFU)	R99	N
82	11.2	Maximum number of soft keys available ('FF' = RFU)	R99	N
83	11.3	Maximum number of soft keys available ('FF' = RFU)	R99	N
84	11.4	Maximum number of soft keys available ('FF' = RFU)	R99	N
85	11.5	Maximum number of soft keys available ('FF' = RFU)	R99	N
86	11.6	Maximum number of soft keys available ('FF' = RFU)	R99	N
87	11.7	Maximum number of soft keys available ('FF' = RFU)	R99	N
88	11.8	Maximum number of soft keys available ('FF' = RFU)	R99	N
89	12.1	OPEN CHANNEL	R99	N
90	12.2	CLOSE CHANNEL	R99	N
91	12.3	RECEIVE DATA	R99	N
92	12.4	SEND DATA	R99	N
93	12.5	GET CHANNEL STATUS	R99	N
94	12.6	SERVICE SEARCH	Rel-4	N
95	12.7	GET SERVICE INFORMATION	Rel-4	N
96	12.8	DECLARE SERVICE	Rel-4	N
97	13.1	CSD supported by ME	R99	N
98	13.2	GPRS supported by ME	R99	N
99	13.3	Bluetooth supported by terminal	Rel-4	N
100	13.4	IrDA Supported by terminal	Rel-4	N
101	13.5	RS232 Supported by terminal	Rel-4	N
102	13.6	Number of channels supported by ME	R99	0
103	13.7	Number of channels supported by ME	R99	N
104	13.8	Number of channels supported by ME	R99	N
105	14.1	Number of characters supported down the ME	R99	8
106	14.2	Number of characters supported down the ME	R99	N
107	14.3	Number of characters supported down the ME	R99	N
108	14.4	Number of characters supported down the ME	R99	N
109	14.5	Number of characters supported down the ME	R99	N
110	14.6	No display capability (i.e class "ND" is indicated)	Rel-8	N
111	14.7	No keypad available (i.e. class "NK" is indicated)	Rel-8	N
112	14.8	Screen Sizing Parameters	R99	N
113	15.1	Number of characters supported across the ME display	R99	17
114	15.2	Number of characters supported across the ME display	R99	N

115	15.3	Number of characters supported across the ME display	R99	N
116	15.4	Number of characters supported across the ME display	R99	N
117	15.5	Number of characters supported across the ME display	R99	N
118	15.6	Number of characters supported across the ME display	R99	N
119	15.7	Number of characters supported across the ME display	R99	N
120	15.8	Variable size fonts Supported	R99	N
121	16.1	Display can be resized	R99	N
122	16.2	Text Wrapping supported	R99	Y
123	16.3	Text Scrolling supported	R99	Y
124	16.4	Text attributes supported	Rel-5	N
125	16.5	RFU	R96	
126	16.6	Width reduction when in a menu	R99	0
127	16.7	Width reduction when in a menu	R99	N
128	16.8	Width reduction when in a menu	R99	N
129	17.1	TCP, UICC in client mode	R99	Y
130	17.2	UDP, UICC in client mode	R99	Y
131	17.3	TCP, UICC in server mode (i.e. class "k" is supported)	Rel-7	
132	17.4	TCP, Terminal in server mode (i.e. class "k" is supported)	Rel-7	
133	17.5	UDP, Terminal in server mode (i.e. class "k" is supported)	Rel-7	
134	17.6	RFU	R99	
135	17.7	E- UTRAN (i.e. if class "e" is supported)	Rel-8	
136	17.8	HSDPA supported by ME	Rel-6	Y
137	18.1	DISPLAY TEXT (Variable time out)	Rel-4	N
138	18.2	GET INKEY (help is supported while waiting for immediate response or variable time out)	Rel-4	N
139	18.3	USB supported by ME	Rel-4	Y
140	18.4	GET INKEY (Variable time out)	Rel-4	N
141	18.5	Reserved for 3GPP2: PROVIDE LOCAL INFORMATION (ESN)	R99	N
142	18.6	CALL CONTROL on GPRS	Rel-5	Y
143	18.7	PROVIDE LOCAL INFORMATION (IMEISV)	Rel-6	Y
144	18.8	PROVIDE LOCAL INFORMATION (search mode change)	Rel-6	N
145	19.1	Protocol Version	R99	00
146	19.2	Protocol Version	R99	N
147	19.3	Protocol Version	R99	N
148	19.4	Protocol Version	R99	N
149	19.5	RFU	R99	
150	19.6	RFU	R99	
151	19.7	RFU	R99	
152	19.8	RFU	R99	
153	20.1	Reserved by TIA/EIA/IS-820 [25]	R99	N
154	20.2	Reserved by TIA/EIA/IS-820 [25]	R99	N
155	20.3	Reserved by TIA/EIA/IS-820 [25]	R99	N
156	20.4	Reserved by TIA/EIA/IS-820 [25]	R99	N
157	20.5	Reserved by TIA/EIA/IS-820 [25]	R99	N
158	20.6	Reserved by TIA/EIA/IS-820 [25]	R99	N
159	20.7	Reserved by TIA/EIA/IS-820 [25]	R99	N
160	20.8	Reserved by TIA/EIA/IS-820 [25]	R99	N
161	21.1	WML browser supported	Rel-6	N
162	21.2	XHTML browser supported	Rel-6	N
163	21.3	HTML browser supported	Rel-6	N
164	21.4	CHTML browser supported	Rel-6	N
165	21.5	RFU	R99	
166	21.6	RFU	R99	
167	21.7	RFU	R99	
168	21.8	RFU	R99	
169	22.1	Support of UTRAN PS with extended parameters	Rel-6	N
170	22.2	PROVIDE LOCAL INFORMATION (Battery state) if class "g" supported	Rel-6	N
171	22.3	PLAY TONE (Melody tones & themed tones supported)	Rel-6	N
172	22.4	Multi-media in SET UP CALL supported (if class "h" supported)	Rel-6	N
173	22.5	Toolkit-initiated GBA	Rel-6	N
174	22.6	RETRIEVE	Rel-6	N
175	22.7	SUBMIT MULTIMEDIA	Rel-6	N
176	22.8	DISPLAY	Rel-6	N
177	23.1	SET FRAMES supported (if class "i" supported)	Rel-6	N
178	23.2	GET FRAMES STATUS supported (if class "i" supported)	Rel-6	N
179	23.3	MMS notification download (if class "j" is	Rel-6	N



180	23.4	Alpha Identifier in REFRESH command supported by terminal	Rel-7	
181	23.5	Geographical Location Reporting (if class "n" is supported)	Rel-8	N
182	23.6	Reserved for 3GPP2: PROVIDE LOCAL INFORMATION (MEID)	Rel-6	
183	23.7	PROVIDE LOCAL INFORMATION (UTRAN NMR)	Rel-6	N
184	23.8	USSD Data Download and application mode	Rel-6	N
185	24.1	Maximum number of frames supported (if class "i" supported)	Rel-6	N
186	24.2	Maximum number of frames supported (if class "i" supported)	Rel-6	N
187	24.3	Maximum number of frames supported (if class "i" supported)	Rel-6	N
188	24.4	Maximum number of frames supported (if class "i" supported)	Rel-6	N
189	24.5	RFU	R99	
190	24.6	RFU	R99	
191	24.7	RFU	R99	
192	24.8	RFU	R99	
193	25.1	Event: browsing status	Rel-6	N
194	25.2	Event: MMS Transfer status (if class "j" is	Rel-6	N
195	25.3	Event Frame parameters changed (if class "i" supported)	Rel-6	N
196	25.4	Event: I-WLAN Access status (if class "e" is supported)	Rel-7	N
197	25.5	Event: Network Rejection	Rel-8	N
198	25.6	Reserved by ETSI TS 102 230 [16]	Rel-7	N
199	25.7	Event: Network Rejection for E-UTRAN	Rel-8	
200	25.8	RFU	R99	
201	26.1	RFU	Rel-6	
202	26.2	RFU	Rel-6	
203	26.3	RFU	Rel-6	
204	26.4	RFU	Rel-6	
205	26.5	RFU	Rel-6	
206	26.6	RFU	Rel-6	
207	26.7	RFU	Rel-6	
208	26.8	RFU	Rel-6	
209	27.1	RFU	Rel-6	
210	27.2	RFU	Rel-6	
211	27.3	RFU	Rel-6	
212	27.4	RFU	Rel-6	
213	27.5	RFU	Rel-6	
214	27.6	RFU	Rel-6	
215	27.7	RFU	Rel-6	
216	27.8	RFU	Rel-6	
217	28.1	Alignment left supported	Rel-5	N
218	28.2	Alignment center supported	Rel-5	N
219	28.3	Alignment right supported	Rel-5	N
220	28.4	Font size normal supported	Rel-5	N
221	28.5	Font size large supported	Rel-5	N
222	28.6	Font size small supported	Rel-5	N
223	28.7	RFU	Rel-6	
224	28.8	RFU	Rel-6	
225	29.1	Style normal supported	Rel-5	N
226	29.2	Style bold supported	Rel-5	N
227	29.3	Style italic supported	Rel-5	N
228	29.4	Style underlined supported	Rel-5	N
229	29.5	Style strikethrough supported	Rel-5	N
230	29.6	Style text foreground colour supported	Rel-5	N
231	29.7	Style text background colour supported	Rel-5	N
232	29.8	RFU	Rel-6	
233	30.1	I-WLAN bearer support (if class "e" is supported)	Rel-7	N
234	30.2	Proactive UICC: PROVIDE LOCAL INFORMATION (WSID of the current I-WLAN connection)	Rel-7	N
235	30.3	TERMINAL APPLICATIONS (i.e. class "k" is supported)	Rel-7	N
236	30.4	"Steering of Roaming" REFRESH support	Rel-7	N
237	30.5	RFU	Rel-7	
238	30.6	Proactive UICC: Geographical Location Request (if class "n" is	Rel-8	N
239	30.7	Reserved by ETSI TS 102 230 [16]	Rel-8	N
240	30.8	"Steering of Roaming for I-WLAN" REFRESH support	Rel-8	N

WCDMA_RF_A.1	Release	UE Radio Technologies	Support	Comments
1	R99	FDD (DS)	Y	
2	R99	TDD 3.84 Mcps	N	
3	Rel-4	TDD 1.28 Mcps (LCR)	N	
4	R99	GSM	Y	
5	R99	GPRS	Y	

WCDMA_RF_A.2	Release	Definition of Bearer Services	Support	Comments
1	R99	Circuit Switched	Y	
2	R99	Packet Switched	Y	
3	R99	UE supports UE operation mode A: PS and CS simultaneously	Y	

WCDMA_RF_A.2a	Release	Definition of Teleservices	Support	Comments
1	R99	Narrow band speech (AMR)	Y	Telephony
2	R99	Emergency call	Y	

WCDMA_RF_A.3	Release	Services Capabilities	Support	Comments
1		Support for IPDL	N	
2		Support of GPS timing of cell frames	N	
3		Based OTDOA is supporting by UE	N	
4		Standalone location method is supporting by UE	N	

WCDMA_RF_A.4	Release	Supported protocols	Support	Comments
1	R99	Call Control	Y	
2	R99	Mobility Management	Y	
3	R99	Session Management	Y	
4	R99	GPRS Mobility Management	Y	
5	R99	Radio Resource Control	Y	
6	R99	Packet Data Convergence Protocol	N	
7	R99	Broadcast/Multicast Control	Y	
8	R99	Radio Link Control	Y	
9	R99	Medium Access Control	Y	
10	R99	Physical Layer	Y	

WCDMA_RF_A.5	Release	Special Conformance Testing Functions	Support	Comments
1	R99	UE test loop	Y	
2	R99	Max UE test loop UL RLC SDU size 65535 bits	Y	

WCDMA_RF_A.6	Release	FDD (DS) RF Baseline Implementation Capabilities	Support	Comments
1	R99	Chip rate 3,84 Mcps	Y	
2	R99	Frequency band: 1 920-1 980, 2 110-2 170 MHz	Y	Band I
3	R99	Frequency band: 1 850-1 910, 1 930-1 990 MHz	Y	Band II
4	R99	Frequency band: Other spectrum	N	
5	R99	TX-RX Freq. Sep: 190 MHz	Y	
6	R99	TX-RX Freq. Sep: 80 MHz	Y	
7	R99	TX-RX Freq. Sep: Variable	N	
8	R99	Carrier raster: 200 kHz	Y	
9	R99	UE Power Class 1 (+33 dBm)	N	
10	R99	UE Power Class 2 (+27 dBm)	N	
11	R99	UE Power Class 3 (+24 dBm)	Y	
12	R99	UE Power Class 4 (+21 dBm)	N	
13	R99	Output RF spectrum emissions	Y	
14	R99	Frequency band: 1710-1785, 1805-1880 MHz	N	Band III
15	R99	Frequency band: 1710-1755, 2110-2155 MHz	N	Band IV
16	R99	Frequency band: 824 – 849, 869-894 MHz	N	Band V
17	R99	Frequency band: 830-840, 875-885 MHz	N	Band VI
18	R99	Frequency band: 2500-2570, 2620-2690 MHz	N	Band VII
19	R99	Frequency band: 880-915, 925-960 MHz	Y	Band VIII
20	R99	Frequency band: 1749.9-1784.9, 1844.9-1879.9 MHz	N	Band IX
21	R99	Frequency band: 1710 - 1770, 2110 - 2170 MHz	N	Band X
22	R99	Frequency band: 1427.9 -1447.9, 1475.9 -1495.9 MHz	N	Band XI
23	R99	Frequency band: 698 – 716, 728 – 746 MHz	N	Band XII
24	R99	Frequency band: 777 – 787, 746 – 756 MHz	N	Band XIII
25	R99	Frequency band: 788 – 798, 758 – 768 MHz	N	Band XIV
26	R99	Frequency band: 830 – 845, 875 – 890 MHz	N	Band XIX
27	R99	Frequency band: 1447.9 – 1462.9, 1495.9 – 1510.9 MHz	N	Band XX!

WCDMA_RF_A.6a	Release	FDD (DS) UE Power Classes	Support	Comments
1	R99	UE Power Class 3 for Operation Band II (+24 dBm)	Y	
2	R99	UE Power Class 3bis for Operation Band II (+23 dBm)	N	
3	R99	UE Power Class 4 for Operation Band II (+21 dBm)	N	

4	R99	UE Power Class 3 for Operation Band III (+24 dBm)	N	
5	R99	UE Power Class 3bis for Operation Band III (+23 dBm)	N	
6	R99	UE Power Class 4 for Operation Band III (+21 dBm)	N	
7	R99	UE Power Class 3 for Operation Band IV (+24 dBm)	N	
8	R99	UE Power Class 3bis for Operation Band I V (+23 dBm)	N	
9	R99	UE Power Class 4 for Operation Band IV (+21 dBm)	N	
10	R99	UE Power Class 3 for Operation Band V (+24 dBm)	N	
11	R99	UE Power Class 3bis for Operation Band V (+23 dBm)	N	
12	R99	UE Power Class 4 for Operation Band V (+21 dBm)	N	
13	R99	UE Power Class 3 for Operation Band VI (+24 dBm)	N	
14	R99	UE Power Class 3bis for Operation Band VI (+23 dBm)	N	
15	R99	UE Power Class 4 for Operation Band VI (+21 dBm)	N	
16	R99	UE Power Class 3 for Operation Band VII (+24 dBm)	N	
17	R99	UE Power Class 3bis for Operation Band VII (+23 dBm)	N	
18	R99	UE Power Class 4 for Operation Band VII (+21 dBm)	N	
19	R99	UE Power Class 3 for Operation Band VIII (+24 dBm)	Y	
20	R99	UE Power Class 3bis for Operation Band VIII (+23 dBm)	N	
21	R99	UE Power Class 4 for Operation Band VIII (+21 dBm)	N	
22	R99	UE Power Class 3 for Operation Band IX (+24 dBm)	N	
23	R99	UE Power Class 3bis for Operation Band IX (+23 dBm)	N	
24	R99	UE Power Class 4 for Operation Band IX (+21 dBm)	N	
25	R99	UE Power Class 3 for Operation Band X (+24 dBm)	N	
26	R99	UE Power Class 3bis for Operation Band X (+23 dBm)	N	
27	R99	UE Power Class 4 for Operation Band X (+21 dBm)	N	
28	R99	UE Power Class 3 for Operation Band XI (+24 dBm)	N	
29	R99	UE Power Class 3bis for Operation Band XI (+23 dBm)	N	
30	R99	UE Power Class 4 for Operation Band XI (+21 dBm)	N	
31	R99	UE Power Class 3 for Operation Band XII (+24 dBm)	N	
32	R99	UE Power Class 3bis for Operation Band XII (+23 dBm)	N	
33	R99	UE Power Class 4 for Operation Band XII (+21 dBm)	N	
34	R99	UE Power Class 3 for Operation Band XIII (+24 dBm)	N	
35	R99	UE Power Class 3bis for Operation Band XIII (+23 dBm)	N	
36	R99	UE Power Class 4 for Operation Band XIII (+21 dBm)	N	
37	R99	UE Power Class 3 for Operation Band XIV (+24 dBm)	N	
38	R99	UE Power Class 3bis for Operation Band XIV (+23 dBm)	N	
39	R99	UE Power Class 4 for Operation Band XIV (+21 dBm)	N	
40	R99	UE Power Class 3 for Operation Band XIX (+24 dBm)	N	
41	R99	UE Power Class 3bis for Operation Band XIX (+23 dBm)	N	
42	R99	UE Power Class 4 for Operation Band XIX (+21 dBm)	N	
43	R99	UE Power Class 3 for Operation Band XXI (+24 dBm)	N	
44	R99	UE Power Class 3bis for Operation Band XXI (+23 dBm)	N	
45	R99	UE Power Class 4 for Operation Band XXI (+21 dBm)	N	

WCDMA_RF_A.7	Release	FDD Layer 1 UE Radio Access Capabilities	Support	Comments
1	R99	Support of turbo decoding	Y	
2	R99	Support of turbo encoding	Y	
3	R99	Support for SF 512 (downlink)	N	
4	R99and Rel-4 only	Support of PDSCH	N	
5	R99	Simultaneous reception of SCCPCH and DPCH	N	
6	R99 and Rel-4 only	Simultaneous reception of SCCPCH, DPCH and PDSCH	N	
7	R99 and Rel-4 only	Support of PCPCH	N	
8	R99	Support of uplink compressed mode only	N	
9	R99	Support of downlink compressed mode only	N	
10	R99	Support of uplink and downlink compressed mode	Y	
11		Void		
12		Void		
13		Void		
14	Rel-5	Support of HS-PDSCH	Y	
15	Rel-6	Support of E-DPDCH	N	
16	Rel-6	Support of MBMS	N	
17	Rel-7	Support of HS-SCCH less HS-DSCH	N	
18	Rel-6	Support of F-DPCH	N	
19	Rel-7	Support of DPCCH Discontinuous Transmission	N	
20	Rel-8	Support of Target Cell Pre-Configuration	N	
21	Rel-7	Support of HS-PDSCH in CELL_FACH	N	

WCDMA_RF_A.8	Release	FDD HS-DSCH physical layer categories	Support	Comments
1	Rel-5	Category 1	N	
2	Rel-5	Category 2	N	

3	Rel-5	Category 3	N	
4	Rel-5	Category 4	N	
5	Rel-5	Category 5	N	
6	Rel-5	Category 6	Y	
7	Rel-5	Category 7	N	
8	Rel-5	Category 8	N	
9	Rel-5	Category 9	N	
10	Rel-5	Category 10	N	
11	Rel-5	Category 11	N	
12	Rel-5	Category 12	N	
13	Rel-7	Category 13	N	
14	Rel-7	Category 14	N	
15	Rel-7	Category 15	N	
16	Rel-7	Category 16	N	
17	Rel-7	Category 17	N	
18	Rel-7	Category 18	N	
19	Rel-8	Category 19	N	
20	Rel-8	Category 20	N	
21	Rel-8	Category 21	N	
22	Rel-8	Category 22	N	
23	Rel-8	Category 23	N	

WCDMA_RF_A.9	Release	FDD E-DCH physical layer categories	Support	Comments
1	Rel-6	Category 1	N	
2	Rel-6	Category 2	N	
3	Rel-6	Category 3	N	
4	Rel-6	Category 4	N	
5	Rel-6	Category 5	N	
6	Rel-6	Category 6	N	
7	Rel-7	Category 7	N	

WCDMA_RF_A.10	Release	Reference Measurement Channels	Support	Comments
1	R99	Up-link reference measurement channel 12.2 kbps (FDD)	Y	Mandatory for all terminals
2	R99	Down-link reference measurement channel 12.2 kbps (FDD)	Y	Mandatory for all terminals
3	R99	Up-link reference measurement channel 64 kbps (FDD)	N	
4	R99	Down-link reference measurement channel 64 kbps (FDD)	N	
5	R99	Up-link reference measurement channel 144 kbps (FDD)	Y	
6	R99	Down-link reference measurement channel 144 kbps (FDD)	Y	
7	R99	Up-link reference measurement channel 384 kbps (FDD)	Y	
8	R99	Down-link reference measurement channel 384 kbps (FDD)	Y	
9	R99	Up-link reference measurement channel 768 kbps (FDD)	N	
10	Rel-6	Down-link reference measurement channel 2 64 kbps (FDD)	Y	

WCDMA_RF_A.11	Release	Capability	Support	Comments
1	Rel-6	Enhanced performance requirements type 1	N	This type of UE has to execute also the tests for normal HSDPA
2	Rel-6	Enhanced performance requirements type 2	Y	This type of UE has to execute also the tests for normal HSDPA
3	Rel-7	Enhanced performance requirements type 3	N	This type of UE has to execute also the tests for normal HSDPA
4	Rel-7	Enhanced performance requirements type 1 for E-DCH	N	This type of UE has to execute also the tests for normal E-DCH
5	Rel-7	Enhanced performance requirements type 1 for MBMS	N	
6	Rel-8	Enhanced performance requirements Type 3i	N	This type of UE has to execute also the tests for normal HSDPA

WCDMA_RF_A.12	Release	Additional Information	Support	Comments
1	R99	UE without vibration sensitive components	N	

WCDMA_PS_A.1	Release	Table A.1: UE Radio Technologies	Supported	Mnemonic
1	R99	FDD (DS)	Y	pc_FDD
2	R99	TDD 3.84 Mcps	N	pc_TDD
3	Rel-4	TDD 1.28 Mcps (LCR)	N	pc_TDD
4	R99	GSM	Y	pc_UMTS_GSM
5		Void		
6		Multi carrier	N	pc_SupportOfMultiCarrier
7	R99	DTM	Y	pc_DTM
8	Rel-7	TDD 7.68 Mcps	N	Pc_TDD
9	Rel-7	TDD 3.84 Mcps receive only	N	pc_TDD_HCR_Rx_only
10	Rel-7	TDD 7.68 Mcps receive only	N	pc_TDD_VHCR_Rx_only
11	Rel-8	3.84 Mcps TDD IMB	N	pc_IMB

WCDMA_PS_A.2	Release	Table A.2: Teleservices	Supported	Mnemonic
1	R99	Narrow band speech (AMR)	Y	pc_Speech
2	R99	Emergency call	Y	pc_EmergSpeech
3	R99	Short Message Service (SMS) MT over CS	Y	pc_SMS_CS_M
4	R99	Short Message Service (SMS) MO over CS	Y	pc_SMS_CS_M
5	R99	Short Message Service (SMS) MT over PS	Y	pc_SMS_PS_M
6	R99	Short Message Service (SMS) MO over PS	Y	pc_SMS_PS_M
7	R99	Cell Broadcast Service (CBS)	Y	pc_SMS_CellBroadcast
8	Rel-5	Wide band speech (UMTS_AMR-WB)	Y	pc_UMTS_AMR-WB_Speech
9	Rel-8	ETWS Service (ETWS)	N	pc_UMTS_ETW

WCDMA_PS_A.3	Release	Table A.3: Definition of Bearer Services	Supported	Mnemonic
1	R99	Circuit Switched	Y	pc_CS
2	R99	Packet Switched	Y	pc_PS
3	R99	UE supports UE operation mode A: PS and CS simultaneously	Y	pc_SupportOpModeA
4	R99	Circuit Switched Transparent Data	Y	pc_CS_T_data

WCDMA_PS_A.4	Release	Table A.4: Asynchronous General Bearer Services	Supported	Mnemonic
1	R99	3,1 kHz Audio 9 600 bit/s	N	pc_Async31kHz_9600
2	R99	3,1 kHz Audio 14 400 bit/s	Y	pc_Async31kHz_14400
3	R99	3,1 kHz Audio 19 200 bit/s	N	pc_Async31kHz_19200
4	R99	3,1 kHz Audio 28 800 bit/s	Y	pc_Async31kHz_28800
5	R99	3,1 KhZ Audio Modem AutoBauding1	Y	pc_Async31kHz_AutoBauding1
6	R99	V.110 UDI 9 600 bit/s	N	pc_AsyncV110_9600
7	R99	V.110 UDI 14 400 bit/s	Y	pc_AsyncV110_14400
8	R99	V.110 UDI 19 200 bit/s	N	pc_AsyncV110_19200
9	R99	V.110 UDI 28 800 bit/s	Y	pc_AsyncV110_28800
10	R99	V.110 UDI 38 400 bit/s	Y	pc_AsyncV110_38400
11	R99	V.120 9 600 bit/s	N	pc_AsyncV120_9600
12	R99	V.120 14 400 bit/s	Y	pc_AsyncV120_14400
13	R99	V.120 19 200 bit/s	N	pc_AsyncV120_19200

14	R99	V.120 28 800 bit/s	Y	pc_AsyncV120_28800
15	R99	V.120 38 400 bit/s	N	pc_AsyncV120_38400
16	R99	V.120 48 000 bit/s	N	pc_AsyncV120_48000
17	R99	V.120 56 000 bit/s	Y	pc_AsyncV120_56000
18	R99	PIAFS 32 000 bit/s	N	pc_AsyncPIAFS_32000
19	R99	PIAFS 64 000 bit/s	N	pc_AsyncPIAFS_64000
20	R99	Frame Tunnelling Mode 56 000 bit/s	Y	pc_AsyncFTM_56000
21	R99	Frame Tunnelling Mode 64 000 bit/s	Y	pc_AsyncFTM_64000

WCDMA_PS_A.5	Release	Table A.5: Synchronous General Bearer Services	Supported	Mnemonic
1	R99	3,1 kHz Audio 9 600 bit/s	N	pc_Sync31kHzA_9600
2	R99	3,1 kHz Audio 14 400 bit/s	N	pc_Sync31kHzA_14400
3	R99	3,1 kHz Audio 19 200 bit/s	N	pc_Sync31kHzA_19200
4	R99	3,1 kHz Audio 28 800 bit/s	N	pc_Sync31kHzA_28800
5	R99	V.110 UDI 28 800 bit/s	N	pc_SyncV110_28800
6	R99	V.110 UDI 48 000 bit/s	N	pc_SyncV110_48000
7	R99	V.110 UDI 56 000 bit/s	N	pc_SyncV110_56000
8	R99	X.31 Flag Stuffing UDI 9 600 bit/s	N	pc_SyncX31_9600
9	R99	X.31 Flag Stuffing UDI 14 400 bit/s	N	pc_SyncX31_14400
10	R99	X.31 Flag Stuffing UDI 19 200 bit/s	N	pc_SyncX31_19200
11	R99	X.31 Flag Stuffing UDI 28 800 bit/s	N	pc_SyncX31_28800
12	R99	X.31 Flag Stuffing UDI 38 400 bit/s	N	pc_SyncX31_38400
13	R99	X.31 Flag Stuffing UDI 48 000 bit/s	N	pc_SyncX31_48000
14	R99	X.31 Flag Stuffing UDI 56 000 bit/s	N	pc_SyncX31_56000
15	R99	V.120 9 600 bit/s	N	pc_SyncV120_9600
16	R99	V.120 14 400 bit/s	N	pc_SyncV120_14400
17	R99	V.120 19 200 bit/s	N	pc_SyncV120_19200
18	R99	V.120 28 800 bit/s	N	pc_SyncV120_28800
19	R99	V.120 38 400 bit/s	N	pc_SyncV120_38400
20	R99	V.120 48 000 bit/s	N	pc_SyncV120_48000
21	R99	V.120 56 000 bit/s	N	pc_SyncV120_56000
22	R99	Bit Transparent mode 56 000 bit/s	N	pc_SyncBTM_56000
23	R99	Bit Transparent mode 64 000 bit/s	Y	pc_SyncBTM_64000
24	R99	Multimedia Call 28 800 bit/s	N	pc_SyncMmedia_Call_28800

25	R99	Multimedia Call 32 000 bit/s	N	pc_SyncMmedia Call 32000
26	R99	Multimedia Call 33 600 bit/s	N	pc_SyncMmedia Call 33600
27	R99	Multimedia Call 56 000 bit/s	N	pc_SyncMmedia Call 56000
28	R99	Multimedia Call 64 000 bit/s	Y	pc_SyncMmedia Call 64000

WCDMA_PS_A.6	Release	Table A.6: QoS classes or traffic classes	Supported	Mnemonic
1	R99	Conversational	Y	pc_Conversatio
2	R99	Streaming	Y	pc_Streaming
3	R99	Interactive	Y	pc_Interactive
4	R99	Background	Y	pc_Background

WCDMA_PS_A.7	Release	Table A.7: Supplementary Services	Supported	Mnemonic
1	R99	Call Deflection	Y	
2	R99	Calling Line Identification Presentation	Y	
3	R99	Calling Line Identification Restriction	Y	
4	R99	Connected Line Identification Presentation	Y	
5	R99	Connected Line Identification Restriction	N	
6	R99	Call Forwarding Unconditional	Y	
7	R99	Call Forwarding on Mobile Subscriber Busy	Y	
8	R99	Call Forwarding on No Reply	Y	
9	R99	Call Forwarding on Mobile Subscriber Not Reachable	Y	
10	R99	Call Waiting	Y	pc_CallWaitingS upp
11	R99	Call Hold	Y	
12	R99	Multi Party Service	Y	
13	R99	Closed User Group	Y	
14	R99	User-to-user signalling	N	
15	R99	Advice of Charge (Information)	Y	
16	R99	Advice of Charge (Charging)	N	
17	R99	Barring of All Outgoing Calls	Y	
18	R99	Barring of Outgoing International Calls	Y	
19	R99	Barring of Outgoing International Calls except those directed to the Home PLMN Country	Y	
20	R99	Barring of All Incoming Calls	Y	
21	R99	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	Y	
22	R99	Explicit call transfer	Y	
23	R99	Call Completion to Busy Subscriber	N	Tammy: N
24	R99	Call Completion to Busy Subscriber Request	N	Tammy: N
25	R99	Follow Me	N	
26	R99	Calling name presentation (CNAP)	N	Tammy: N
27	R99	Multiple Subscriber Profile (MSP)	N	Tammy: N
28	R99	Multicall	N	pc_Multicall
29	R99	enhanced Multi-Level Precedence and Pre-emption	N	
30	R99	At least one non-call related Supplementary Service supported	Y	pc_NonCallRelS
31	R99	Support of molr-Type parameter 'gpsAssistanceData'	N	pc_ParamGpsA ssisData
32	R99	Support of MO-LR request for a position estimate	N	pc_ParamPosEs timate
33	R99	Support of MO-LR request for transfer to 3rd party	N	pc_ParamXfer3r dPty
34	R99	Support of Mobile Terminated location request	N	pc_MT_LR

WCDMA_PS_A.8	Release	Table A.8: Service Capabilities	Supported	Mnemonic
1	R99	Mobile station Execution Environment (MExE)	N	
2	R99	Location Service (LCS)	N	
3	R99	USIM Application Toolkit (USAT)	Y	

WCDMA_PS_A.8a	Release	Table A.8a: UE positioning capability	Supported	Mnemonic
1	R99	Support for IPDL	N	pc_UE_Positioni ngIPDL Sup

2	R99	Support of GPS timing of cell frames	N	pc_UE_PositioningGPS_TimingOfCellFramesSup
3	R99	UE-based OTDOA is supporting by UE	N	pc_UE_PositioningBasedOTDOA_Sup
4	R99	Standalone location method is supporting by UE	N	pc_UE_PositioningStandaloneLocMethodsSup

WCDMA_PS_A.10	Release	Table A.10: Other UE Service Capabilities	Supported	Mnemonic
1	R99	Multimedia services ( 3G-324M)	N	pc_3G324M
2	R99	Alternate speech/facsimile group 3	N	pc_AltSpeechFax_TS61
3	R99	Automatic facsimile group 3	N	
4	Rel-6	MBMS broadcast services	N	pc_MBMS_Broadcast
5	Rel-6	MBMS multicast services	N	pc_MBMS_Multicast
6	Rel-5	IMS	N	pc_IMS
7	Rel-7	Indicating whether a PLMN is present on a PLMN list stored on the USIM	N	pc_Indicating_PLMN_list
8	Rel-7	Last RPLMN	N	pc_Last_RPLM
9	Rel-7	Exception to manual network selection mode at switch-on	N	pc_Exception_ManSelectionMod
10	Rel-7	MBMS broadcast services in MBSFN mode	N	pc_MBMS_MBSFN
11	Rel-7	NW selection mode at switch-on	N	pc_NWSelectionMode_SwitchOn
12	Rel-8	CSG Support	N	pc_CSG
13	Rel-8	MBMS broadcast services in MBSFN IMB	N	pc_MBMS_IMB
14	Rel-8	eCall Only Support on the USIM	N	pc_eCallOnly
15	Rel-8	eCall Capable Support on the USIM	N	pc_eCallCapabl
16	Rel-8	Capability to Initiate Manual eCall	N	pc_eCall_manual Initiated
17	Rel-8	Capability to Initiate Automatic eCall	N	pc_eCall_automatic Initiated
18	Rel-8	Capability to trigger a reconfiguration eCall	N	pc_eCall_Reconfiguration Call
19	Rel-8	Capability to trigger a Test eCall	N	pc_eCall_Test_Call

WCDMA_PS_A.11	Release	Table A.11: Supported protocols	Supported	Mnemonic
1	R99	Call Control	Y	
2	R99	Mobility Management	Y	
3	R99	Session Management	Y	
4	R99	GPRS Mobility Management	Y	
5	R99	Radio Resource Control	Y	
6	R99	Packet Data Convergence Protocol	N	
7	R99	Broadcast/Multicast Control	Y	
8	R99	Radio Link Control	Y	
9	R99	Medium Access Control	Y	
10	R99	Physical Layer	Y	

WCDMA_PS_A.12	Release	Table A.12: Reference Measurement Channels	Supported	Mnemonic
1	R99	Up-link reference measurement channel 12.2 kbps (FDD)	Y	
2	R99	Down-link reference measurement channel 12.2 kbps (FDD)	Y	
3	R99	Up-link reference measurement channel 12.2 kbps (TDD)	N	
4	R99	Down-link reference measurement channel 12.2 kbps (TDD)	N	
5	Rel-4	Up-link reference measurement channel 12.2 kbps (1.28 Mcps	N	
6	Rel-4	Down-link reference measurement channel 12.2 kbps (1.28 Mcps TDD)	N	
7	Rel-7	Up-link reference measurement channel 12.2 kbps (7.68 Mcps	N	
8	Rel-7	Down-link reference measurement channel 12.2 kbps (7.68 Mcps TDD)	N	



WCDMA_PS_A.13	Release	Table A.13: Special Conformance Testing Functions	Supported	Mnemonic
1	R99	UE test loop	Y	
2	R99	Support of UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets)	Y	

WCDMA_PS_A.14	Release	Table A.14: Terminal Logical Test Interface	Supported	Mnemonic
1	R99	Electrical Man Machine Interface (EMMI)	Y	
2	R99	UICC/ME test interface	Y	

WCDMA_PS_A.15	Release	Table A.15: FDD (DS) RF Baseline Implementation	Supported	Mnemonic
1	R99	Chip rate 3,84 Mcps	Y	
2	R99	Frequency band: 1 920-1 980, 2 110-2 170 MHz	Y	pc_Band1_Supp
3	R99	Frequency band: 1 850-1 910, 1 930-1 990 MHz	Y	pc_Band2_Supp
4	R99	Frequency band: Other spectrum	N	
5	R99	TX-RX Freq. Sep: 190 MHz	Y	
6	R99	TX-RX Freq. Sep: 80 MHz	Y	
7	R99	TX-RX Freq. Sep: Variable	N	
8	R99	Carrier raster: 200 kHz	Y	
9	R99	UE Power Class 1 (+33 dBm)	N	
10	R99	UE Power Class 2 (+27 dBm)	N	
11	R99	UE Power Class 3 (+24 dBm)	Y	
12	R99	UE Power Class 4 (+21 dBm)	N	
13	R99	Output RF spectrum emissions	Y	
14	R99	Frequency band: 1710-1785, 1805-1880 MHz	N	pc_Band3_Supp
15	R99	Frequency band: 1710-1755, 2110-2155 MHz	N	pc_Band4_Supp
16	R99	Frequency band: 824 – 849, 869-894 MHz	N	pc_Band5_Supp
17	R99	Frequency band: 830-840, 875-885 MHz	N	pc_Band6_Supp
18	R99	Frequency band: 2500-2570, 2620-2690 MHz	N	pc_Band7_Supp
19	R99	Frequency band: 880–915, 925–960 MHz	Y	pc_Band8_Supp
20	R99	Frequency band: 1749.9-1784.9, 1844.9-1879.9 MHz	N	pc_Band9_Supp
21	R99	Multiple FDD bands simultaneously	N	pc_MultiBand_Supp
22	R99	Frequency band: 1710-1770, 2110-2170 MHz	N	pc_Band10_Sup
23	R99	Frequency band: 1427.9 – 1447.9, 1475.9 – 1495.9 MHz	N	pc_Band11_Sup
24	R99	Frequency band: 698 – 716 MHz, 728 – 746 MHz	N	pc_Band12_Sup
25	R99	Frequency band: 777 - 787 MHz, 746 - 756 MHz	N	pc_Band13_Sup
26	R99	Frequency band: 788 – 798 MHz, 758 – 768 MHz	N	pc_Band14_Sup
27	Rel-4	Frequency band: 830 – 845 MHz, 875 – 890 MHz	N	pc_Band19_Sup
28	Rel-4	Frequency band: 1447.9 – 1462.9 MHz MHz, 1495.9 – 1510.9	N	pc_Band21_Sup

WCDMA_PS_A.16	Release	Table A.16: TDD RF Baseline Implementation Capabilities	Supported	Mnemonic
1	R99	Chip rate 3,84 Mcps	N	
1a	Rel-4	Chip rate 1,28 Mcps	N	
1b	Rel-7	Chip rate 7,68 Mcps	N	
2	R99	Frequency band: 1 900-1 920 MHz	N	
3	R99	Frequency band: 2 010-2 025 MHz	N	
4	R99	Frequency band: 1 850-1 910 MHz	N	
5	R99	Frequency band: 1 930-1 990 MHz	N	
6	R99	Frequency band: 1 910-1 930 MHz	N	
7	R99	Frequency band: Other spectrum	N	
8	R99	Carrier raster: 200 kHz	N	
9	R99	UE Power Class 2 (+24 dBm)	N	
10	R99	UE Power Class 3 (+21 dBm)	N	
11	R99	Output RF spectrum emissions	N	
12	Rel-4	Multiple TDD bands simultaneously	N	

WCDMA_PS_A.18a	Release	Table A.18a: FDD Layer 1 UE Radio Access Capabilities	Supported	Mnemonic
1	R99	Support of turbo decoding	Y	pc_DL_TC
2	R99	Support of turbo encoding	Y	pc_UL_TC
3	R99	Support for SF 512 (downlink)	N	pc_SupportForSF_512

4	R99 and Rel-4 only	Support of PDSCH	N	pc_SupportOfPDSCH
5	R99	Simultaneous reception of SCCPCH and DPCH	N	pc_SimultaneousSCCPCH_DPCH_Reception
6	R99 and Rel-4 only	Simultaneous reception of SCCPCH, DPCH and PDSCH	N	pc_SimultaneousSCCPCH_DPCH_DPDCH_Reception
7	R99 and Rel-4 only	Support of PCPCH	N	pc_SupportOfPCPCH
8	R99	Need of inter-frequency uplink compressed mode	Y	pc_InterFreq_UL_CompressedModeRequired
8a	R99	Need of interRAT uplink compressed mode	Y	pc_InterRAT_UL_CompressedModeRequired
9	R99	Need of inter-frequency downlink compressed mode	Y	pc_InterFreq_DL_CompressedModeRequired
9a	R99	Need of interRAT downlink compressed mode	Y	pc_InterRAT_DL_CompressedModeRequired
10		Void		
11		Void		
12	R99	Support of UE based Network Assisted GPS	N	pc_UeBasedAgps
13	R99	Support of UE assisted Network Assisted GPS	N	pc_UeAssistedAgps
14	Rel-5	Support of HS-PDSCH	Y	pc_HSDPA
15	Rel-5	Simultaneous reception of SCCPCH, DPCH and HSDSCH	N	pc_SimultaneousSCCPCH_DPCH_HSDSCH_Reception
16	Rel-5	Support of dedicated pilots for channel estimation of HSDSCH	N	pc_SupportOfDedicatedPilotsForChannelEstimationOfHSDSCH
17	Rel-5	Capability with simultaneous HS-DSCH configuration	N	pc_CapabilityWithSimultaneousHS_DSCHConfig
18	Rel-6	Support of E-DPDCH	N	
19	Rel-6	Support of MBMS p-t-m reception in CELL_DCH state	N	pc_PTM_in_CELL_DCH
20	Rel-6	Support of MBMS MCCH reception in CELL_DCH state	N	pc_MCCH_in_CELL_DCH
21	Rel-6	Support of MBMS service change for a ptp RB	N	pc_MBMS_ServiceChangePTP
22	Rel-6	Full support of F-DPCH	N	pc_full_FDPCH
23	Rel-6	Support of simultaneous HS-PDSCH and MBMS services	N	pc_SimultaneousHSDPA_MBMS
24	Rel-7	Support for MAC-ehs	N	pc_MAC_ehs
25	Rel-7	Support of DPCH Discontinuous Transmission	N	pc_UL_DTX
26	Rel-7	Support of HS-DSCH Discontinuous Reception	N	pc_DL_DRX
27	Rel-7	Support of HS-SCCHless HS-DSCH	N	pc_HS_SCCH_less
28	Rel-7	Support of 16QAM in Uplink	N	pc_UL_16QAM
29	Rel-7	Support of HS-PDSCH in CELL_FACH	N	pc_HS_FACH
30	Rel-7	Support for CS Voice over HSPA	N	pc_CSVoHS
31	Rel-7	Support enhanced F-DPCH	N	pc_EnhancedF_DPCH
32	Rel-7	Support of HS-PDSCH in CELL_PCH and URA_PCH	N	pc_HS_PCH
33	Rel-8	Support for MAC-i/is	N	pc_MAC_iis

34	Rel-8	Support of common E-DCH	N	pc_HS_RACH_EDCH
35	Rel-7	Set UEA2/UIA2 to FALSE if not fully IOT tested	N	pc_UEA2_UIA2

VCDMA_PS_A.18a	Release	Table A.18a.1: FDD HS-DSCH physical layer categories	Supported	Mnemonic
1	Rel-5	Category 1	N	pc_HSDSCH_U E_Category
2	Rel-5	Category 2	N	pc_HSDSCH_U E_Category
3	Rel-5	Category 3	N	pc_HSDSCH_U E_Category
4	Rel-5	Category 4	N	pc_HSDSCH_U E_Category
5	Rel-5	Category 5	N	pc_HSDSCH_U E_Category
6	Rel-5	Category 6	Y	pc_HSDSCH_U E_Category
7	Rel-5	Category 7	N	pc_HSDSCH_U E_Category
8	Rel-5	Category 8	N	pc_HSDSCH_U E_Category
9	Rel-5	Category 9	N	pc_HSDSCH_U E_Category
10	Rel-5	Category 10	N	pc_HSDSCH_U E_Category
11	Rel-5	Category 11	N	pc_HSDSCH_U E_Category
12	Rel-5	Category 12	N	pc_HSDSCH_U E_Category

VCDMA_PS_A.18a	Release	Table A.18a.1a: FDD HS-DSCH physical layer category	Supported	Mnemonic
1	Rel-7	Category 1	N	pc_HSDSCH_U E_Category_Ext ension
2	Rel-7	Category 2	N	pc_HSDSCH_U E_Category_Ext ension
3	Rel-7	Category 3	N	pc_HSDSCH_U E_Category_Ext ension
4	Rel-7	Category 4	N	pc_HSDSCH_U E_Category_Ext ension
5	Rel-7	Category 5	N	pc_HSDSCH_U E_Category_Ext ension
6	Rel-7	Category 6	N	pc_HSDSCH_U E_Category_Ext ension
7	Rel-7	Category 7	N	pc_HSDSCH_U E_Category_Ext ension
8	Rel-7	Category 8	N	pc_HSDSCH_U E_Category_Ext ension
9	Rel-7	Category 9	N	pc_HSDSCH_U E_Category_Ext ension
10	Rel-7	Category 10	N	pc_HSDSCH_U E_Category_Ext ension
11	Rel-7	Category 11	N	pc_HSDSCH_U E_Category_Ext ension

12	Rel-7	Category 12	N	pc_HSDSCH_UE_Category_Extension
13	Rel-7	Category 13	N	pc_HSDSCH_UE_Category_Extension
14	Rel-7	Category 14	N	pc_HSDSCH_UE_Category_Extension
15	Rel-7	Category 15	N	pc_HSDSCH_UE_Category_Extension
16	Rel-7	Category 16	N	pc_HSDSCH_UE_Category_Extension
17	Rel-7	Category 17	N	pc_HSDSCH_UE_Category_Extension
18	Rel-7	Category 18	N	pc_HSDSCH_UE_Category_Extension
19	Rel-8	Category 19	N	pc_HSDSCH_UE_Category_Extension
20	Rel-8	Category 20	N	pc_HSDSCH_UE_Category_Extension

CDMA_PS_A.18a.1	Release	Table A.18a.2: FDD E-DCH physical layer categories	Supported	Mnemonic
1..20		Reserved		
21	Rel-8	Category 21	N	pc_HSDSCH_UE_Category_Extension2
22	Rel-8	Category 22	N	pc_HSDSCH_UE_Category_Extension2
23	Rel-8	Category 23	N	pc_HSDSCH_UE_Category_Extension2
24	Rel-8	Category 24	N	pc_HSDSCH_UE_Category_Extension2

CDMA_PS_A.18a.2	Release	Table A.18a.2: FDD E-DCH physical layer category	Supported	Mnemonic
1	Rel-6	Category 1	N	pc_EDCH_UE_Category
2	Rel-6	Category 2	N	pc_EDCH_UE_Category
3	Rel-6	Category 3	N	pc_EDCH_UE_Category
4	Rel-6	Category 4	N	pc_EDCH_UE_Category
5	Rel-6	Category 5	N	pc_EDCH_UE_Category
6	Rel-6	Category 6	N	pc_EDCH_UE_Category

CDMA_PS_A.18a.2	Release	Table A.18a.2: FDD HS-DSCH physical layer category	Supported	Mnemonic
1	Rel-7	Category 7	N	pc_EDCH_UE_Category

WCDMA_PS_A.18b	Release	Table A.18b: TDD Layer 1 UE Radio Access Capabilities	Supported	Mnemonic
1	R99	Support of turbo decoding	N	pc_DL_TC
2	R99	Support of turbo encoding	N	pc_UL_TC
3	R99	Max.number of physical channels and TS per frame	N	

4	Rel-4	Max.number of physical channels and TS per subframe	N	pc_MaxPhysCh PerSubFrame
4a	Rel-4	Max. number of downlink TS per subframe	N	pc_MaxTS_Per SubFrame_DL
4b	Rel-4	Max. number of uplink TS per subframe	N	pc_MaxTS_Per SubFrame_UL
5	R99	Minimum SF	N	pc_MinimumSF_ DL
5a	R99	Minimum uplink SF	N	pc_MinimumSF_ UL
6	R99	Support of PDSCH (Downlink)	N	pc_SupportOfP DSCH
7	R99	Max.number of physical channels per TS	N	pc_MaxPhysCh PerTS_DL
7a	R99	Max.number of transmitted physical channels per TS	N	pc_MaxPhysCh PerTS_UL
8	Rel-4	Support of 8PSK	N	pc_SupportOf8P SK_DL
8a	Rel-4	Support of 8PSK modulation	N	pc_SupportOf8P SK_UL
9	R99	Support of PUSCH	N	pc_SupportOfP USCH
10	Rel-5	Support of HS-PDSCH	N	pc_HSDPA
11	Rel-6	Support of MBMS p-t-m reception in CELL_DCH state	N	pc_PTM_in_CE LL_DCH
12	Rel-6	Support of MBMS MCCH reception in CELL_DCH state	N	pc_MCCH_in_C ELL_DCH
13	Rel-6	Support of MBMS service change for a ptp RB	N	pc_MBMS_Servi ceChangePTP
14	Rel-7	Support of E-PUCH	N	pc_HSUPA
15	Rel-7	Support of TDD transmit and receive functions	N	pc_TDD_Tx_an d Rx
16	Rel-7	Support of TDD MBSFN receive only function	N	pc_TDD_MBSF N Rx only
17	Rel-7	Support of 16QAM in Uplink	N	pc_UL_16QAM
18	Rel-8	Support of 3.84 Mcps TDD IMB receiver function	N	pc_IMB_MBSFN Rx

<b>VCDMA_PS_A.18b.</b>	<b>Release</b>	<b>Table A.18b.1: LCR TDD HS-DSCH physical layer categories</b>	<b>Supported</b>	<b>Mnemonic</b>
1	Rel-5	Category 1	N	pc_HSDSCH_U E_Category
2	Rel-5	Category 2	N	pc_HSDSCH_U E_Category
3	Rel-5	Category 3	N	pc_HSDSCH_U E_Category
4	Rel-5	Category 4	N	pc_HSDSCH_U E_Category
5	Rel-5	Category 5	N	pc_HSDSCH_U E_Category
6	Rel-5	Category 6	N	pc_HSDSCH_U E_Category
7	Rel-5	Category 7	N	pc_HSDSCH_U E_Category
8	Rel-5	Category 8	N	pc_HSDSCH_U E_Category
9	Rel-5	Category 9	N	pc_HSDSCH_U E_Category
10	Rel-5	Category 10	N	pc_HSDSCH_U E_Category
11	Rel-5	Category 11	N	pc_HSDSCH_U E_Category
12	Rel-5	Category 12	N	pc_HSDSCH_U E_Category
13	Rel-5	Category 13	N	pc_HSDSCH_U E_Category

14	Rel-5	Category 14	N	pc_HSDSCH_U E_Category
15	Rel-5	Category 15	N	pc_HSDSCH_U E_Category

WCDMA_PS_A.18c	Release	Table A.18b.2: LCR TDD E-DCH physical layer categories	Supported	Mnemonic
1	Rel-7	Category 1	N	pc_EDCH_UE_ Category
2	Rel-7	Category 2	N	pc_EDCH_UE_ Category
3	Rel-7	Category 3	N	pc_EDCH_UE_ Category
4	Rel-7	Category 4	N	pc_EDCH_UE_ Category
5	Rel-7	Category 5	N	pc_EDCH_UE_ Category
6	Rel-7	Category 6	N	pc_EDCH_UE_ Category

WCDMA_PS_A.18c	Release	Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH.	Supported	Mnemonic
1		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	N	pc_RAB_A_18c
2		Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c
3		Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	Y	pc_RAB_A_18c
4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 4
4a		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 4a
4b		Conversational / speech / UL:(12.2 7.4 5.9 4.75) DL:(12.2 7.4 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	Y	pc_RAB_A_18c _4b
5		Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 5
5a		Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	pc_RAB_A_18c 5a
6		Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 6
7		Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 7
7a		Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	pc_RAB_A_18c 7a
8		Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 8
9		Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 9
10		Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 10
11		Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 11
12		Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 12
13.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Y	pc_RAB_A_18c 13 1
13.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	Y	pc_RAB_A_18c 13 2
14.1		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Y	pc_RAB_A_18c 14 1
14.2		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	Y	pc_RAB_A_18c 14 2
15		Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 15
16		Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 16
17		Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 17

18		Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 18
19		Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 19
20		Void		
21		Void		
22		Void		
23.1		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	Y	pc_RAB_A_18c 23_1
23.2		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Y	pc_RAB_A_18c 23_2
23.3		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Y	pc_RAB_A_18c 23_3
23.4		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Y	pc_RAB_A_18c 23_4
23a.1		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC)	Y	pc_RAB_A_18c 23a_1
23a.2		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)	Y	pc_RAB_A_18c 23a_2
23b		Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 23b
23c		Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 23c
23d		Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c 23d
24.1		Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC	Y	pc_RAB_A_18c 24_1
24.2		Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC	Y	pc_RAB_A_18c 24_2
25.1		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)	Y	
25.2		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Y	
25.3		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Y	
25.4		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Y	
26		Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
27		Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
28		Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
29		Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	Y	
30		Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	Y	
31.1		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	Y	
31.2		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	Y	
32.1		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	Y	
32.2		Interactive or background / UL:64 DL:384 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	N	
33.1		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Y	
33.2		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
34.1		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Y	
34.2		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
35.1		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	

35.2		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
36.1		Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
36.2		Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
37.1		Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
37.2		Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
38.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI	Y	
38.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI	Y	
38.3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI	Y	
38.4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI	Y	
38a		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38b		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38c		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	Y	pc_RAB_A_18c_38c
38d		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	pc_RAB_A_18c_38d
38e		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38f		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38g		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38h		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38i		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
38j		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
39.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	Y	
39.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	Y	
39.3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	Y	
39.4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	Y	



40		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	Y	
41		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
42.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Y	
42.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	Y	
43.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	Y	
43.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
44.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
44.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
45		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
46		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
47		Void		
48		Void		
49.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
49.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
50.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
50.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
51.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
51.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
51a		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
51b		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
52.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
52.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
53.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	

53.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
54		Void		
55		Void		
56		Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	Y	
57		Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	Y	
58		Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	Y	
58a		Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
59		Void		
60		Void		
61		Void		
62		Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	Y	
63.1		Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH/ 10 ms TTI	N	
63.2		Interactive or background / UL:64 DL:768 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	N	

WCDMA_PS_A.18e	Release	Table A.18d: FDD interoperability radio bearer capabilities for combinations on PDSCH and DPCH	Supported	Mnemonic
1.1		Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
1.2		Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
2.1		Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
2.2		Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
3.1		Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
3.2		Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
4.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
4.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
5.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
5.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
6.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
6.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	

WCDMA_PS_A.18e	Release	Table A.18e: FDD interoperability radio bearer capabilities for combinations on SCCPCH	Supported	Mnemonic
1		Stand-alone signalling RB for PCCH	Y	pc_RAB_A_18e
2		Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	Y	pc_RAB_A_18e 2

3		Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	Y	pc_RAB_A_18e_3
4		RB for CTCH + SRB for CCCH + SRB for BCCH	Y	pc_RAB_A_18e
5		Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH +	Y	pc_RAB_A_18e_5
6		64.8kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18e
7		129.6 kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18e
8		259.2 kbps RB for MTCH with 40 ms TTI	N	pc_RAB_A_18e

WCDMA_PS_A.18f	Release	Table A.18f: FDD interoperability radio bearer capabilities for combinations on PRACH	Supported	Mnemonic
1		Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	Y	
2		Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH +	Y	
3		Interactive/Background / UL:32 DL: [max bit rate depending on UE category] with fixed RLC and MAC-e-hs / PS RAB + SRBs for DCCH on RACH and SRB with fixed RLC and MAC-e-hs on HS-DSCH / DL:QPSK	N	pc_RAB_A_18f_3

WCDMA_PS_A.18f	Release	Table A.18f.1: FDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH	Supported	Mnemonic
1		Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	
1a		Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	
2		Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	
3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	
3a		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
4		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	Y	
4a		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
5		Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
5a		Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
6		Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
7		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Y	
8		Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Interactive or Background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	Y	
9		Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	

10		Streaming MBMS PTP / unknown / UL:16 DL: [max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4	N	
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WCDMA_PS_A.18f.2	Release	Table A.18f.2: FDD radio bearer capabilities for specific combinations on DPCH	Supported	Mnemonic
1		Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:16 DL:64 kbps / PS RAB + UL:13.6 DL:13.6 kbps SRBs for DCCH	Y	

WCDMA_PS_A.18f.3	Release	Table A.18f.3: FDD interoperability radio bearer capabilities for combinations on HS-PDSCH and E-DPDCH	Supported	Mnemonic
1		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: 3.4 DL:3.4 kbps SRBs for DCCH on DCH	N	
2		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH	N	
3		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	
4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
5		Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH	N	
6		Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	
7		Conversational / unknown or speech / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or Interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	
8		Conversational / speech / UL:(12.65 8.85 6.6) DL:(12.65 8.85 6.6) kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + DL:0.15 kbps SRB#5 for DCCH	N	
9		Conversational / speech / UL:(12.2, 7.95, 5.9, 4.75) kbps DL: (12.2, 7.95, 5.9, 4.75) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	
10		Conversational / speech / UL:(12.65, 8.85, 6.6) kbps DL: (12.65, 8.85, 6.6) kbps / CS RAB on E-DCH and HS-DSCH + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	

WCDMA_PS_A.18g		Table A.18g: Radio bearer capabilities for combinations on DPCH (1.28 Mcps TDD option).	Supported	Mnemonic
1		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	N	
2		Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
3		Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	N	

4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
5		Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
6		Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
7		Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
8		Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
9		Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
10		Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	N	
11		Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	N	
12		Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
13.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
13.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
14.1		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
14.2		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
15		Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
16		Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
17		Streaming / unknown / UL:57.6/DL:57.6kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
18		Streaming / unknown / UL:0/DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
19		Streaming / unknown / UL:64/DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
20		void		
21		void		
22		void		
23.1		Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC, 10 ms TTI )	N	
23.2		Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC, 20 ms TTI )	N	
23.3		Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC,10 ms TTI )	N	
23.4		Interactive or Background/ UL:32/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC,20 ms TTI )	N	
24.1		Interactive or Background/ UL:64/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( TC)	N	
24.2		Interactive or Background/ UL:64/DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH ( CC)	N	
25.1		Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (TC, 10ms TTI)	N	
25.2		Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (TC, 20ms TTI)	N	
25.3		Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (CC, 10ms TTI)	N	
25.4		Interactive or Background/ UL:32/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH (CC, 20ms TTI)	N	
26		Interactive or Background/ UL:64/DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
27		Interactive or Background/ UL:64/DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
28		Interactive or Background/ UL:128/DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	

29		Interactive or Background/ UL:64/DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
30		Interactive or Background/ UL:144/DL:144 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
31.1		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	N	
31.2		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	N	
32.1		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	N	
32.2		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	N	
33.1		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
33.2		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
34.1		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
34.2		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
35.1		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
35.2		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
36.1		Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
36.2		Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
37.1		Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
37.2		Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
38.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI	N	
38.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI	N	
38.3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI	N	
38.4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI	N	
39.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	N	
39.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	N	
39.3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	N	
39.4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	N	
40		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
41		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
42.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	

42.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
43.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
43.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
44.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	
44.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
45		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
46		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
47		Void		
48		Void		
49.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
49.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
50.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	
50.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	
51.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
51.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
52.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
52.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
53.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
53.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
54		Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
55		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
56		Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
57		Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
58		Interactive or background / UL:256 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	

59		Streaming / unknown / UL:16 DL:32 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
60		Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
61		Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
62		Streaming / unknown / UL:32 DL:256 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
63		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
64		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
65		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
66		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	
67		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
68		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
69		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
70		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:16 DL:128 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
71		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
72		Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
73		Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	

WCDMA_PS_A.18h	Release	Table A.18h: Radio bearer capabilities for combinations on SCCPCH (1.28 Mcps TDD option).	Supported	Mnemonic
1		Stand-alone signalling RB for PCCH	N	
2		Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	N	
3		Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	N	
4		64.8kbps RB for MTCH with 40 ms TTI	N	
5		129.6 kbps RB for MTCH with 40 ms TTI	N	
6		259.2 kbps RB for MTCH with 40 ms TTI	N	
7		128kbps RB for MBSFN MTCH with 40 ms TTI	N	
8		192kbps RB for MBSFN MTCH with 40 ms TTI	N	
9		384kbps RB for MBSFN MTCH with 40 ms TTI	N	



WCDMA_PS_A.18i	Release	Table A.18i: Radio bearer capabilities for combinations on PRACH (1.28 Mcps TDD option)	Supported	Mnemonic
1		Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	N	

WCDMA_PS_A.18j	Release	Table A.18j: TDD interoperability radio bearer configuration for combination on DPCH and HS-PDSCH	Supported	Mnemonic
1		Interactive or Background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
2		Interactive or Background / UL:16 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
3		Interactive or Background / UL:32 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
4		Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
5		Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
6		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
7		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
8		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
9		Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
10		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[max bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
11		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
12		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	
13		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	
14		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	
15		Streaming / UL:64 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	
16		Streaming / UL:32 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	
17		Streaming / UL:16 DL: [max bit rate depending on UE category] / PS RAB + Interactive or background / UL:8 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps	N	

WCDMA_PS_A.18k	Release	Table A.18k: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH.	Supported	Mnemonic
1		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	N	pc_RAB_A_18k
1a		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH (multiframe)	N	pc_RAB_A_18k 1a
2		Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k

3		Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	N	pc_RAB_A_18k
4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 4
4a		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k 4a
5		Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 5
5a		Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18k 5a
6		Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 6
7		Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 7
7a		Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18k 7a
8		Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 8
9		Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 9
10		Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 10
11		Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 11
12		Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 12
13.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k 13 1
13.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	pc_RAB_A_18k 13 2
14.1		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k 14 1
14.2		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	pc_RAB_A_18k 14 2
15		Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 15
16		Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 16
17		Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 17
18		Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 18
19		Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 19
20		Void		
21		Void		
22		Void		
23		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 23
23a.1		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (40ms TTI)	N	pc_RAB_A_18k 23a 1
23a.2		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (80ms TTI)	N	pc_RAB_A_18k 23a 2
23b		Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k 23b
23c		Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k 23c
23d		Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k 23d
25		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 25
26		Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 26
27		Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 27
28		Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k 28

29		Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_29
30.1		Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (20ms TTI)	N	pc_RAB_A_18k_30_1
30.2		Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (40ms TTI)	N	pc_RAB_A_18k_30_2
31.1		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	N	pc_RAB_A_18k_31_1
31.2		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	N	pc_RAB_A_18k_31_2
32.1		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_32_1
32.2		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_32_2
33.1		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_33_1
33.2		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_33_2
34.1		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_34_1
34.2		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_34_2
35.1		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_35_1
35.2		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_35_2
38		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_38
38a		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_38a
38b		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_38b
38c		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_38c
38d		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38e		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_38e
38f		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_38f
38g		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38h		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38i		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38j		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
39		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_39
40		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_40

41		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_41
42.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_42_1
42.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_42_2
43.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_43_1
43.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_43_2
44.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18k_44_1
44.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_44_2
45		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_45
46		Void		
47		Void		
48		Void		
49		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18k_49
50		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_50
51		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_51
51a		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_51a
51b		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_51b
52		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_52
53		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18k_53
54		Void		
55		Void		
56		Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_56
57		Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_57
58		Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18k_58
59		Void		
60		Void		
61		Void		

WCDMA_PS_A.18I	Release	A.18I: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, PUSCH	Supported	Mnemonic
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1		Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18l_1
2		Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH+ UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18l_2
3		Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18l_3
4		Interactive or background / UL: 384 DL: 2 048 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18l_4

WCDMA_PS_A.18m	Release	Table A.18m: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH	Supported	Mnemonic
1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH	N	pc_RAB_A_18m_1
2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH,	N	pc_RAB_A_18m_2
3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH,	N	pc_RAB_A_18m_3

WCDMA_PS_A.18n	Release	Table A.18n: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on SCCPCH	Supported	Mnemonic
1		Stand-alone signalling RB for PCCH	N	pc_RAB_A_18n
2		Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	N	pc_RAB_A_18n_2
3		Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	N	pc_RAB_A_18n_3
4		RB for CTCH + SRB for CCCH +SRB for BCCH	N	pc_RAB_A_18n
5		64.8kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18n
6		129.6kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18n
7		259.2kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18n
8		7.6kbps signalling RB for MCCH	N	pc_RAB_A_18n
9		124.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18n
10		320.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18n_10
11		497.6kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18n_11
12		7.2kbps signalling RB for MBSFN MCCH	N	pc_RAB_A_18n_12

WCDMA_PS_A.18o	Release	Table A.18o: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on PRACH	Supported	Mnemonic
1		SRB for CCCH + SRB for DCCH	N	pc_RAB_A_18o
2		Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH	N	pc_RAB_A_18o_2
3		Interactive/Background 12.8 kbps PS RAB + Interactive/Background 12.8 kbps PS RAB + SRB for CCCH +	N	pc_RAB_A_18o_3

WCDMA_PS_A.18p	Release	Table A.18p: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH	Supported	Mnemonic
1		Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_1
2		Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_2
3		Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_3

4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_4
5		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_5
6		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_6
7		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_7
8		Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_8
9		Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_9
10		Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_10
11		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18p_11

WCDMA_PS_A.18p	Release	Table A.18p2: 3.84Mcps TDD interoperability radio bearer capabilities for combinations on DPCH, HS-PDSCH and E-	Supported	Mnemonic
1		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_2_1
2		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	pc_RAB_A_18p_2_2
3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18p_2_3
4		Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH	N	pc_RAB_A_18p_2_4

WCDMA_PS_A.18q	Release	Table A.18q: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH	Supported	Mnemonic
1		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	N	pc_RAB_A_18q
1a		Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH (multiframe)	N	pc_RAB_A_18q_1a
2		Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q
3		Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	N	pc_RAB_A_18q
4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_4
4a		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_4a
5		Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_5

5a		Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18q 5a
6		Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 6
7		Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 7
7a		Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18q 7a
8		Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 8
9		Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 9
10		Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 10
11		Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 11
12		Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 12
13.1		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q 13 1
13.2		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	pc_RAB_A_18q 13 2
14.1		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q 14 1
14.2		Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	N	pc_RAB_A_18q 14 2
15		Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 15
16		Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 16
17		Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 17
18		Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 18
19		Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 19
20		Void		
21		Void		
22		Void		
23		Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 23
23a.1		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (40ms TTI)	N	pc_RAB_A_18q 23a 1
23a.2		Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (80ms TTI)	N	pc_RAB_A_18q 23a 2
23b		Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q 23b
23c		Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q 23c
23d		Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q 23d
25		Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 25
26		Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 26
27		Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 27
28		Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 28
29		Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q 29
30.1		Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (20ms TTI)	N	pc_RAB_A_18q 30 1
30.2		Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (40ms TTI)	N	pc_RAB_A_18q 30 2

31.1		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	N	pc_RAB_A_18q_31_1
31.2		Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	N	pc_RAB_A_18q_31_2
32.1		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_32_1
32.2		Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_32_2
33.1		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_33_1
33.2		Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_33_2
34.1		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_34_1
34.2		Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_34_2
35.1		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_35_1
35.2		Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_35_2
38		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_38
38a		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_38a
38b		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_38b
38c		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_38c
38d		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38e		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_38e
38f		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_38f
38g		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38h		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38i		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
38j		Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	
39		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_39
40		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_40
41		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_41
42.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_42_1



42.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_42_2
43.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_43_1
43.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_43_2
44.1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	N	pc_RAB_A_18q_44_1
44.2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_44_2
45		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_45
46		Void		
47		Void		
48		Void		
49		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	N	pc_RAB_A_18q_49
50		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_50
51		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_51
51a		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_51a
51b		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_51b
52		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_52
53		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18q_53
54		Void		
55		Void		
56		Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_56
57		Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_57
58		Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	N	pc_RAB_A_18q_58
59		Void		
60		Void		
61		Void		

WCDMA_PS_A.18rRelease	Table A.18r: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, PUSCH and PRACH	Supported	Mnemonic
1	Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18r_1
2	Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH+ UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18r_2

3		Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18r_3
4		Interactive or background / UL: 384 DL: 2 048 kbps / PS RAB + UL: 3.4/16.8 DL: 3.4/33.6 kbps SRBs for DCCH, CCCH and BCCH + UL: 16.8 DL: 16 kbps SRBs for SHCCH	N	pc_RAB_A_18r_4

WCDMA_PS_A.18s	Release	<b>Table A.18s: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PDSCH, SCCPCH, DPCH, PUSCH and PRACH</b>	Supported	Mnemonic
1		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 256 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH	N	pc_RAB_A_18s_1
2		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 384 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH	N	pc_RAB_A_18s_2
3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH + Interactive or background / UL: 64 DL: 2 048 kbps / PS RAB + UL: 16.8 kbps SRBs for CCCH and SHCCH+ DL: 33.6 kbps SRBs for CCCH	N	pc_RAB_A_18s_3

WCDMA_PS_A.18t	Release	<b>Table A.18t: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on SCCPCH</b>	Supported	Mnemonic
1		Stand-alone signalling RB for PCCH	N	pc_RAB_A_18t_1
2		Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	N	pc_RAB_A_18t_2
3		Interactive/Background 32 kbps RAB + SRB for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	N	pc_RAB_A_18t_3
4		RB for CTCH + SRB for CCCH +SRB for BCCH	N	pc_RAB_A_18t_4
5		64.8kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18t_5
6		129.6kbps RB for MTCH with 80 ms TTI	N	pc_RAB_A_18t_6
7		259.2kbps RB for MTCH with 40 ms TTI	N	pc_RAB_A_18t_7
8		7.6kbps signalling RB for MCCH	N	pc_RAB_A_18t_8
9		124.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18t_9
10		320.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18t_10
11		497.6kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18t_11
12		7.2kbps signalling RB for MBSFN MCCH	N	pc_RAB_A_18t_12

WCDMA_PS_A.18u	Release	<b>Table A.18u: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on PRACH</b>	Supported	Mnemonic
1		SRB for CCCH + SRB for DCCH	N	pc_RAB_A_18u_1
2		Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH	N	pc_RAB_A_18u_2
3		Interactive/Background 12.8 kbps PS RAB + SRB for CCCH + SRB for DCCH	N	pc_RAB_A_18u_3

WCDMA_PS_A.18v	Release	<b>Table A.18v: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH and HS-PDSCH</b>	Supported	Mnemonic
1		Interactive or background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v_1
2		Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v_2
3		Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v_3
4		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v_4
5		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_5

6		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v_6
7		Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_7
8		Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:384 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_8
9		Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + Interactive or background / UL:64 DL:[Bit rate depending on the UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_9
10		Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_10
11		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:128 DL: [guaranteed 128, max bit rate depending on UE category] kbps / PS RAB + Interactive or background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	N	pc_RAB_A_18v_11

WCDMA_PS_A.18v2	Release	Table A.18v2: 7.68Mcps TDD interoperability radio bearer capabilities for combinations on DPCH, HS-PDSCH and E-	Supported	Mnemonic
1		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	pc_RAB_A_18v2_1
2		Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] SRBs for DCCH on E-DCH and HS-DSCH	N	
3		Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	N	
4		Streaming or interactive or background / UL:[max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] kbps / PS RAB + Streaming or interactive or background / UL: [max bit rate depending on UE category and TTI] DL: [max bit rate depending on UE category] / PS RAB + UL:[max bit rate depending on UE category and TTI] DL:3.4 kbps SRBs for DCCH on E-DCH and DL DCH	N	

WCDMA_PS_A.18w	Release	Table A.19a: PDCP Parameters	Supported	Mnemonic
1		124.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18w1
2		320.4kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18w2
3		497.6kbps RB for MBSFN MTCH with 80ms TTI	N	pc_RAB_A_18w3
4		7.6kbps signalling RB for MBSFN MCCH	N	pc_RAB_A_18w4

WCDMA_PS_A.19a	Release	Table A.19a: PDCP Parameters	Supported	Mnemonic
1	R99	Support of RFC 2507	N	pc_RFC2507
2	R99	Support of Lossless SRNS relocation	N	pc_LosslessSRNS Reloc
3	R99	More than one PDCP entity	N	
4	R99	Support of UM RB and AM RB	Y	
5	Rel-4	Support of RFC 3096	N	
6	Rel-5	Maximum header compression context space	by16384	pc_MaxHcContextSpace r5_ext

7	Rel-5	Support for RFC 3095 context relocation	N	pc_SupportForRfc3095ContextRelocation
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WCDMA_PS_A.19b	Release	Table A.19b: BMC Parameters	Supported	Mnemonic
1	R99	Support of BMC	Y	
2	R99	Support of BMC Scheduling	Y	
3	R99	Support of ANSI-41 CB data	N	

WCDMA_PS_A.19c	Release	Table A.19c: RLC Parameters	Supported	Mnemonic
1	Rel-5	Total RLC AM and MAC-hs buffer size	kb400	pc_TotalRLC_AM_BufferSize_r5ext

WCDMA_PS_A.20	Release	Table A.20: Additional information	Supported	Mnemonic
1	R99	At least one bearer service	Y	
2	R99	At least one supplementary service	Y	
3	R99	Inter-system measurement for GSM	Y	pc_IntSysMsr
4	R99	At least one MO circuit switched basic service	Y	pc_MO_Serv
5	R99	At least one MT circuit switched basic service	Y	pc_MT_Serv
6	R99	Immediate connect supported for all circuit switched basic	N	pc_ImmConnect
7	R99	Activation of one or more PDP contexts simultaneously	N	
8	R99	Sending of correct acknowledgement of memory full condition	Y	pc_SMS_MemF
9	R99	Status report capability	Y	pc_SMS_StatReport
10		Void		
11	R99	Storing of received Class 1 short messages	Y	pc_SMS_Class1Store
12	R99	Storing of received Class 2 short messages in the SIM	Y	pc_SMS_Class2Store
13	R99	Replacing of short messages	N	pc_SMS_Replac
14	R99	Reply procedures	Y	
15	R99	Sending of multiple short messages on the same RR connection when there is no call in progress	Y	pc_SMS_MultiNoCall
16	R99	Sending of concatenated multiple short messages when there is a call in progress	Y	pc_SMS_MultiCallEx
17	R99	Only circuit switched basic service supported by the mobile is emergency call	N	pc_OnlyEmergency
18	R99	Multi-code transmission	N	
19	R99	Poll_PU based polling mode of AM RLC	Y	
20	R99	Timer based polling mode of AM RLC	Y	
21	R99	Discard mode of AM RLC	Y	
22	R99	At least one MO circuit switched basic service	Y	
23	R99	At least one MO circuit switched basic service for which immediate connect is not used	Y	
24	R99	Network initiated MO call (CCBS)	Y	
25	R99	DTMF protocol control procedure	Y	
26	R99	Secondary PDP context activation procedure	N	pc_SecPDP_Support
27		Void		
28		Void		
29	R99	Support Automatic calling repeat call attempt	N	pc_AutocallingSupported
30	R99	Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted	N	pc_AutocallingMoreB
31		Void		
32	R99	Support of Follow On Proceed	Y	
33		Void		
34	R99	Support detach on USIM removal	N	pc_DetachOnUSIM_Rmv
35	R99	Support switch on/off	Y	pc_SwitchOnOff
36	R99	Support USIM removal without power down	N	pc_USIM_Rmv
37		Void		
38	R99	Support of automatic PS attach procedure at switch on.	Y	pc_AutomaticAttachSwitchON

39	R99	User requested combined PS and non-PS detached without powering off	Y	pc_UserRequest edDetach
40	R99	User requested non-PS detached	N	pc_UserRequest edNonPSDetach
41	R99	Support for user setting of minimum QoS	Y	
42	R99	PS attach attempted automatically by outstanding request	Y	pc_AT_Support ToInit PS Call
43	R99	Support for making an outgoing PS call by AT commands	Y	
44		Void		
45	R99	Controlled Early Classmark Sending" option implementation	Y	px_MS_ClsmkE SIND
46		Void		
47	R99	Algorithm A5/3 supported	Y	pc_MS_ClsmkA 5 3
48	R99	Algorithm A5/4 supported	N	pc_MS_ClsmkA 5 4
49	R99	Algorithm A5/5 supported	N	pc_MS_ClsmkA 5 5
50	R99	Algorithm A5/6 supported	N	pc_MS_ClsmkA 5 6
51	R99	Algorithm A5/7 supported	N	pc_MS_ClsmkA 5 7
52	R99	Support any options that are indicated in CM3	Y	pc_MS_ClsmkC M3
53	R99	Support the E-GSM or R-GSM band	Y	pc_MS_ClsmkFr eqCap
54	R99	LCS value added location request notification capability	N	;
55	R99	CM Service Prompt	Y	pc_MS_ClsmkC MSP
56	R99	UCS2 coding scheme supported	N	pc_MS_ClsmkU CS2
57		Void		
58		Void		
59		Void		
60		Void		
61		Void		
62	R99	Access technology priority supported in HPLMNwACT field	Y	pc_AccessTech PriSuppInHPLM NwACT
63	R99	User requested PS detach without powering off	Y	pc_UserRequest edPS Detach
64	R99	Supplementary Service phase 2	Y	pc_SS_Phase2 Supp
65	R99	AT command +CHUP supported	Y	pc_CHUP_AT_ CommandSupp
66	R99	UE which supports follow-on request procedure (PS)	Y	pc_SupportFollo wOnRequest
67	Rel-5	UE which supports Inter-RAT network assisted cell change from UTRAN	Y	pc_SupportOfU TRAN_ToGERA N NACC
68	R99	RLP supported	Y	pc_RLPsupport
69		Void		
70	Rel-5	GERAN Feature Package2 supported	N	pc_GERANFeat urePackage2
71	Rel-5	GERAN lu Mode supported	N	pc_GERANluMo de
72	Rel-5	Support of DSAC	Y	pc_DSAC
73	Rel-6	Support of enhanced DTM CS establishment and release procedures	N	pc_DTMEnhanc Cap
74	Rel-6	Timing Advance Offset required	N	pc_TAOOffset
75	R99	Automatic attach procedure when UE identity cannot be derived by the network	Y	
76	R99	GMM Information Supported	Y	
77	R99	Multiplexer protocol supported	Y	pc_MUX_Suppo

78	Rel-6	Support of Automatic MBMS Service Reception	N	pc_MBMS_Auto maticSessionRe ception
78	Rel-8	Support of mobility between 3GPP WLAN Interworking and 3GPP Systems	N	
79	Rel-8	Support for being configured to discover the Home Agent address via DNS	N	
80	R99	Support of CS call establishment	Y	

EN102230_A	Release	Table A.1: Options	Status	Support
1		ID-1 UICC	O	N
2		Plug-in UICC	O	Y
3		Class A	O	N
4		Class B	O	Y
5		Class C	O	Y
6		Compliant to TS 121 111 [3]	O	Y

**Test of: Sierra Wireless Inc. – HiLo3G-900**

**To: Conformance Test Cases (GCF-CC V3.57.0)**

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## **Annex C – Hardware Change Notes**

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## **Sierra Wireless Inc.**

# **HiLo3G-900 Hardware Change Declaration**

<b>Doc No.</b>	
<b>Date</b>	
<b>Revision</b>	

# 1. Product Information

**Originator:** Michael Boutboul

**Company:** Sierra Wireless

**Product:** HiLo3G-900

**Product type:** Quad-Band GSM/GPRS/EDGE and Tri-Band WCDMA/HSDPA  
MODULE

**Original Hardware Release:** 48.UMCMS.0GCQPC

**Updated Hardware Release:** 48.UMCMS.0GEGUW

## 2. Hardware Change

### For HiLo3G -900

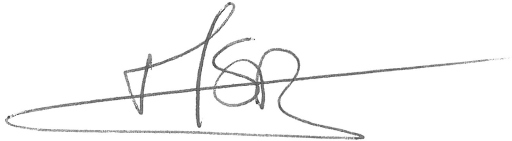
1. All Band antenna switch module is changed from Sony CXM3520BER to SKYWORKS SKY13404-466LF.
2. **WCDMA Band 1 TRX path**
  - (1). Change **B1 PA** from AVAGO ACPM-5001 to SKYWORKS SKY77761
  - (2). Change **B1 Duplexer** from AVAGO ACMD-7614-TR1 to MURATA SAYEY1G95HA0F0A
3. **WCDMA Band 2 TRX path**
  - (1). Change **B2 PA** from AVAGO ACPM-5002 to SKYWORKS SKY77762
  - (2). Change **B2 Duplexer** from AVAGO ACMD-7410-TR1 to MURATA SAYEY1G88CA0B0AR05
  - (3). Change **B2 TX SAW** from MURATA SAFEA1G88KB7F00R15 to MURATA SAFFB1G88AA0F0AR15
4. **WCDMA Band 8 TRX path**
  - (1). Change **B8 PA** from AVAGO ACPM-5008 to SKYWORKS SKY77768
  - (2). Change **B8 Duplexer** from AVAGO ACMD-7606-TR1 to MURATA SAYEY897MHA0F0AR05
  - (3). Change **B8 TX SAW** from MURATA SAFE897MAL0F00R15 to MURATA SAFFB897MAA0F0AR15
5. Change **GSM Quad-Band PA** for TRIQUINT TQM7M5012H to TRIQUINT TQM7M5022.
6. Change **DCS RX SAW** for MURATA SAFEA1G84FA0F00R15 to MURATA SAFFB1G84FB0F0AR15.
7. Change **GSM850 RX SAW** for MURATA SAFEA881MFL0F00R15 to MURATA SAFFB881MFL0F0AR15.  
(HiLo3G900)

### 3. Declaration

**Company:** Sierra Wireless

I declare that the information given relevant to the proposed modification is, to the best of my knowledge, complete and correct.

**Signature:**

A handwritten signature in black ink, appearing to read 'MBoutboul', with a long horizontal line extending to the right.

**Date:** 05-11-2015

**Name:** Michael Boutboul

**Position:** Director, Product Development

**Company:** Sierra Wireless Inc.

Test of: Sierra Wireless Inc. – HiLo3G-900

To: Conformance Test Cases (GCF-CC V3.57.0)

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## Annex D – DUT Photographs

