



InterLab®

Final Report on

EM820W

SW: 11.808.07.03.00 (SVN:03)

HW: MD1EM820WM

Report Reference: 4-RC102b-2010

Date: January 10, 2011

Test Laboratory:

Beijing 7 layers Huarui Communications Technology Co., Ltd.
No.11 Yue Tan Nan Street, Xi Cheng District
Beijing 100045
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Note:

The following test results relate only to the devices specified in this document. This report shall not be reproduced in parts without the written approval of the test laboratory.

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Mr. Yang Zemin
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1 Administrative Data

1.1 Project Data

Project Responsible: Ms. Sun Congcong
Date Of Test Report: 2011/01/10
Date of first test: 2010/11/23
Date of last test: 2011/01/07

1.2 Applicant Data

Company Name: Huawei Technologies Co.,Ltd.
Street: Huawei Base, Bantian Longgang, Shenzhen, PRC
City: 518057 Shenzhen
Country: China

Contact Person: Mrs. kangying
Phone: 0755-36834347
Fax: 0755-36839014
E-Mail: kangying@huawei.com

1.3 Test Laboratory Data

The following list shows all places and laboratories involved for test result generation:

ritt 7 layers

Company Name : ritt 7 layers
Street : No.11 Yue Tan Nan Street,Xi Cheng District
City : 100045 Beijing
Country : China
Contact Person : Ph.D Bin Yao
Phone : +86 10 68050369-103
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Laboratory Details

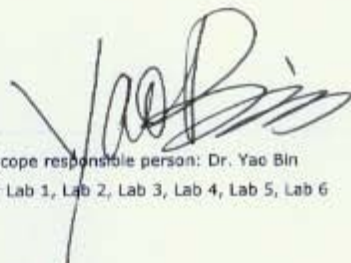
Lab ID	Identification	Responsible	Accreditation Info
Lab 1	TP019 - R&S CRTU-W	Mr. Wei Wei	DAR-Registration No. DGA-PL-192/99-C1
Lab 2	TP027 - R&S TS8950W	Dr. Yao Bin	DAR-Registration No. DGA-PL-192/99-C1
Lab 3	TP028 - CRTU-RRM	Mr. Wei Wei	DAR-Registration No. DGA-PL-192/99-C1
Lab 4	TP050 - Anite SAT(A) UE WCDMA(#1967)	Dr. Yao Bin	DAR-Registration No. DGA-PL-192/99-C1
Lab 5	TP057 - ME7873/4F W-CDMA Trx/Per	Mr. Wei Wei	DAR-Registration No. DGA-PL-192/99-C1
Lab 6	TP059 - Spirent Communications	Mr. Wei Wei	DAR-Registration No. DGA-PL-192/99-C1

1.4 Signature of the Testing Responsible



Ms. Sun Congcong
responsible for tests performed in: Lab 1, Lab 2, Lab 3, Lab 4, Lab 5,
Lab 6

1.5 Signature of the Accreditation Responsible



Accreditation scope responsible person: Dr. Yao Bin
responsible for Lab 1, Lab 2, Lab 3, Lab 4, Lab 5, Lab 6

2 Test Object Data

2.1 General OUT Description

The following section lists all OUTs (Object's Under Test) involved during testing.

OUT: EM820W

Type / Model / Family:	EM820W SW: 11.808.07.03.00 (SVN:03) HW: MD1EM820WM
Product Category:	Module
Manufacturer:	
Company Name:	Huawei Technologies Co.,Ltd.
Street:	Huawei Base, Bantian Longgang, Shenzhen, PRC
City:	518057 Shenzhen
Country:	China
Country Code:	86
Contact Person:	Mrs. kangying
Phone:	0755-36834347
Fax:	0755-36839014
E-Mail:	kangying@huawei.com

2.2 Detailed Description of OUT Samples

Sample : A01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #01		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001038
IMEISV	3542830400010301
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001038
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : B01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #02		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001244
IMEISV	3542830400012401
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001244
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : C01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #03		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001269
IMEISV	3542830400012601
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001269
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : D01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #04		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001061
IMEISV	3542830400010601
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001061
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : E01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #05		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040000519
IMEISV	3542830400005101
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040000519
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : F01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #06		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001046
IMEISV	3542830400010401
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001046
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : G01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #07		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001053
IMEISV	3542830400010501
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001053
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : H01

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #08		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.00.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040000550
IMEISV	3542830400005501
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040000550
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : M02

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #09		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.03.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040001251
IMEISV	3542830400012503
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040001251
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

Sample : Q02

<i>OUT Identifier</i>	EM820W		
<i>Sample Description</i>	test sample #10		
<i>HW Status</i>	MD1EM820WM		
<i>SW Status</i>	11.808.07.03.00		
<i>Low Voltage</i>	3.0 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	3.6 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.3 V	<i>Normal Temp.</i>	25 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope GERAN_v1	
IMEI	354283040000527
IMEISV	3542830400005203
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	Place
Sample responsibility	Name of person
Parameter for Scope UTRA_v2	
IMEI	354283040000527
px_IMEI_Def	no default
px_IMEISV_Def	no default
SAMPLE LOCATION	PLACE
SAMPLE RESPONSIBILITY	NAME OF PERSON

2.3 OUT Features

Features for OUT: EM820W

Designation	Description	Allowed Values	Supported Value(s)
Features for scope: GERAN_v1			
34123_A.1 5/2	FDD: Frequency band: 1 920-1 980, 2 110-2 170 MHz		
34123_A.1 5/3	FDD: Frequency band: 1 850-1 910, 1 930-1 990 MHz		
34123_A.1 5/16	FDD: Frequency band: 824 - 849, 869-894 MHz		
34123_A.1 5/19	Frequency band: 880-915, 925-960 MHz		
A	Feature "A" is used for "applicability" that is referenced in 51.010-2 for many test cases. You will find the description in Annex B of this specification.		
A.1/1	Standard GSM Band (P-GSM)		
A.1/2	Extended GSM Band (E-GSM), (including standard Band)		
A.1/4	DCS 1800 band		
A.1/6	Multiple-band, simultaneously		
A.1/7	Small Mobile Station		
A.1/10	GSM Power Class 4		
A.1/12	DCS Power Class 1		
A.1/18	PCS 1900 band		
A.1/19	PCS Power Class 1		
A.1/51	GPRS Multislot operation		
A.1/52	EGPRS capable of 8PSK in Uplink, of all Multislot Classes		
A.1/55	GSM 850 band		
A.1/56	Support of UTRAN Radio Access Technology		
A.1/57	Support of GPRS Multislot class on the uplink		
A.1/63	Support of UTRAN FDD		
A.1/65	Support of Conventional GPS		
A.1/66	EGPRS Multislot operation		
A.1/78	GPRS Multislot Class12		
A.1/107	EGPRS Multislot Class12		
A.1/127	GSM 850 Power Class 4		
A.1/130	8-PSK GSM Power Class E2		
A.1/133	8-PSK DCS Power Class E2		
A.1/136	8-PSK PCS Power Class E2		
A.1/139	8-PSK GSM 850 Power Class E2		
A.1/141	GSM850 and GSM1800 Band Interworking		
A.1/142	GSM900 and GSM1900 Band Interworking		
A.1/143	GSM850 and GSM900 Band Interworking		
A.1/146	DTM/EGPRS Multislot Class 9		
A.1/188	EGPRS Multislot Operation in Uplink Direction		
A.1/200	Revision Level GSM Phase 1		
A.1/201	Revision Level GSM Phase 2		
A.1/202	Revision Level MS supporting R99 or later		
A.1/204	8-PSK RF Power Capability 1		
A.1/205	8-PSK RF Power Capability 2		
A.1/259	DTM EGPRS Multislot Class10		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.1b/1	Release of GPRS supported	R97, R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9	Release 6
A.1b/3	Release of EGPRS supported	R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9	Release 6
A.1b/4	Release of RRLP supported.	R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9	Release 5
A.1b/5	Release of Higher Layer supported.	R97, R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9	Release 6
A.2/4	Country / PLMN Selection.		
A.2/6	IMEI.		
A.2/7	Short Message Overflow Indication.		
A.2/8	DTE /DCE Interface.		
A.2/14	Subscription Identity Management.		
A.2/15	On / Off switch.		
A.2/17	Support of Encryption A5/1.		
A.2/19	Short Message Service Cell Broadcast DRX.		
A.2/35	ME-SIM lock		
A.2/41	Support of GPRS		
A.2/42	Support of EGPRS		
A.2/43	Support of GPRS Encryption		
A.2/45	Short message		
A.2/48	GPRS operation mode class B		
A.2/49	GPRS operation mode class C		
A.2/50	MS supporting SMS over GPRS		
A.2/54	GPRS test mode A		
A.2/55	GPRS test mode B		
A.2/56	EGPRS test mode		
A.2/58	Non-zero value of Non_DRX_Timer		
A.2/59	Support of MS-Based A-GPS L1 C/A		
A.2/60	Support of MS-Assisted A-GPS L1 C/A		
A.2/65	Support of EGPRS Packet Access enhancement		
A.2/67	Support of MT SMS over GPRS		
A.2/70	Support of Extended dynamic allocation		
A.2/72	Support of GERAN FEATURE PACKAGE 1		
A.2/73	Support of Encryption A5/3		
A.2/75	Support of Encryption GEA2		
A.2/76	Support of Encryption GEA3		
A.2/81	Support of Enhanced DTM CS		
A.2/82	Support of PS Handover		
A.3/3	Short Message MT/PP.		
A.3/4	Short Message MO/PP.		
A.3/5	SMS Cell Broadcast.		
A.3/10	SMS description		
A.4/6	Data circuit duplex async. 9 600 bit/s.		
A.4/22	GPRS		
A.6/1	Bearer Service 21(20) .. 26, unrestricted digital information transfer capability.		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.6/2	Bearer Service 21(20) .. 26, 3.1 kHz audio ex-PLMN information transfer capability.		
A.7/1	Signalling Access Protocol (SAP).	I.440, X.28nond	I.440
A.7/2	Connection Element (CE).	NT, bothNT, T, bothT	NT
A.7/3	User Info Layer 2 Protocol (UIL2P).	ISO6429, COPnoFICt, NAV	COPnoFICt, NAV, ISO6429
A.7/4	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits, 7 bits
A.7/5	Parity Information (NPB).	odd, even, 0, 1, none	none
A.7/6	Number of Stop Bits (NSB).	1 bit, 2 bits	1 bit, 2 bits
A.7/7	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	FR
A.7/8	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps
A.7/9	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	9.6
A.7/10	Fixed Network User Rate (FNUR)	9.6, 14.4, 19.2, 28.8, 38.4, 48, 56, NAV	14.4, 9.6
A.7/10a	all allowed combinations according to GSM 07.01 B.1.2.1 (3GPP TS 27.001) implemented (if not, provide detailed description).		
A.7/11	Wanted Air Interface User Rate (WAIUR)	9.6, 14.4, 19.2, 28.8, 38.4, 43.2, 57.6, NAV	14.4, 9.6
A.7/12	User Initiated Modification Indication (UIMI)	not req., upto1, upto2, upto3, upto4, NAV	NAV
A.7/13	Maximum number of Traffic Channels (MaxNumTCH)	1, 2, 3, 4, NAV	1
A.8/1	Signalling Access Protocol (SAP).	I.440, X.28nond	I.440
A.8/2	Connection Element (CE).	NT, bothNT, T, bothT	NT
A.8/3	User Info Layer 2 Protocol (UIL2P).	ISO6429, COPnoFICt, NAV	COPnoFICt, NAV, ISO6429
A.8/4	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits, 7 bits
A.8/5	Parity Information (NPB).	odd, even, 0, 1, none	none
A.8/6	Number of Stop Bits (NSB).	1 bit, 2 bits	1 bit, 2 bits
A.8/7	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	FR
A.8/8	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps
A.8/9	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	9.6
A.8/10	Modem Type (MT).	V.21, V.22, V.22bis, V.26ter, V.32, V.23, auto	V.32, auto
A.8/11	Fixed Network User Rate (FNUR)	9.6, 14.4, 19.2, 28.8, NAV	9.6, 14.4
A.8/11a	all allowed combinations according to GSM 07.01 B.1.2.2 (3GPP TS 27.001) implemented (if not, provide detailed description).		
A.8/12	Wanted Air Interface User Rate (WAIUR)	9.6, 14.4, 19.2, 28.8, 38.4, 43.2	9.6, 14.4
A.8/13	Acceptable channel codings (ACC)	4.8, 9.6, 14.4, NAV	14.4, 9.6
A.8/14	User Initiated Modification Indication (UIMI)	not req., upto1, upto2, upto3, upto4, NAV	NAV
A.8/15	Maximum number of Traffic Channels (MaxNumTCH)	1, 2, 3, 4, NAV	1
A.25.1/2	Loop C delay Full rate (round trip delay, in number of TDMA frames)	0 ... inf	
A.25.1/7	Averaging time Tav This time is the time between the first and the last measurement sample taken on one carrier during one averaging period when measuring received signal strength	0 ... inf	
A.25.1/10	MS LCS Notification timeout timer (units: seconds)	1 ... inf	
A.25/4	at least one data service.		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.25/5	at least one full rate data service.		
A.25/7	at least one non transparent data service.		
A.25/10	at least one asynchronous data service.		
A.25/11	at least one asynchronous non transparent data service.		
A.25/16	9.6 k full rate data mode.		
A.25/18	at least one bearer capability.		
A.25/19	at least one MT circuit switched basic service.		
A.25/20	at least one MO circuit switched basic service.		
A.25/22	at least one service on traffic channel supported		
A.25/24	only full rate radio channel type (no relation to supported speech codecs)		
A.25/25	at least one teleservice.		
A.25/26	CC protocol for at least one BC.		
A.25/31	at least one short message service.		
A.25/32	(SMS) reply procedure.		
A.25/34	display of received SMS.		
A.25/35	SMS status report capabilities.		
A.25/36	Storing of short messages in the SIM.		
A.25/38	detach on power down.		
A.25/42	Plug-In SIM.		
A.25/43	Disable PIN feature.		
A.25/48	automatically enter automatic selection of PLMN mode.		
A.25/53	follow-on request procedure.		
A.25/58	MT2 Configuration.		
A.25/59	MT2 Configuration or any other possibility to send data over Um interface.		
A.25/60	Permanent Antenna Connector.		
A.25/61	Pseudo-synchronized handover supported.		
A.25/66a	RLP supports non default parameters		
A.25/72	14.4 k data mode		
A.25/83	Support of one PDP context activation		
A.25/84	Support of more than one PDP context activation		
A.25/85	Support of more than one PDP context activation simultaneously on the same SAPI		
A.25/86	Support of GPRS data compression		
A.25/87	Support of GPRS header compression		
A.25/89	Support for user settings of minimum QoS		
A.25/90	Automatic GPRS attach procedure at switch-on/power-on		
A.25/91	MMI controlled attach/detach procedures for non-GPRS services		
A.25/92	Automatic attach procedure when MS identity cannot derived by the network		
A.25/93	Automatic MM IMSI attach procedure at switch-on / power-on		
A.25/96	1,8V/3V SIM/ME interface.		
A.25/97	Multiple SM MO/PP on same RR link		
A.25/98	Support of stored list cell selection		
A.25/99	at least one service not support immediate connection		
A.25/109	Support of Multiple SMS		
A.25/110	Cell Reselection after T3184 Expiry		
A.25/111	GPRS attach attempted automatically due to outstanding request		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.25/116	Support of MO SMS Concatenation		
A.25/117	Support of MT SMS Concatenation		
A.25/122	Support of GPRS header compression algorithm type RFC 1144		
A.25/123	Support of GPRS header compression algorithm type RFC 2507		
A.25/128	The way to trigger transferring of new user data in a different PDP context while an uplink transfer is in progress		
A.25/132	MS with improved receiver performance		
A.25/139	Support of Repeated SACCH		
A.25/140	Support for a method for resetting stored A-GPS assistance data		
A.25/149	Support of Repeated FACCH		
A.25/150	Support of HATS		
A.25/151	Controlled Early Classmark Sending		
A.25/152	SS Screening Indicator	00, 01, 10, 11	00
A.25/155	Classmark 3 options available		
A.25/156	LCS VA Capability		
A.25/157	UCS2 treatment		
A.25/160	SMS_VALUE (Switch-Measure-Switch)	0000, 0001, 0010, 0011, 0100, 0101, 0110, 0111, 1000, 1001, 1010, 1011, 1100, 1101, 1110, 1111	0000
A.25/161	SMS_VALUE (Switch-Measure)	0000, 0001, 0010, 0011, 0100, 0101, 0110, 0111, 1000, 1001, 1010, 1011, 1100, 1101, 1110, 1111	0000
A.27/2	see 51.010-2, UL/DL: 14.4 kbps		
A.27/3	see 51.010-2; UL/DL: 28.8 kbps		
A.27/4	see 51.010-2; UL/DL: 57.6 kbps		
E.1/1	Profile Download		
E.1/2	SMS-PP data download		
E.1/5	9EXX response code for SIM data download error		
E.1/9	Command result		
E.1/12	MO short message control by SIM		
E.1/20	MORE TIME		
E.1/22	POLL INTERVAL		
E.1/23	POLLING OFF		
E.1/24	REFRESH		
E.1/25	SELECT ITEM		
E.1/26	SEND SHORT MESSAGE		
E.1/27	SEND SS		
E.1/31	PROVIDE LOCAL INFORMATION (LOCI & IMEI)		
E.1/57	TIMER MANAGEMENT (start, stop)		
E.1/58	TIMER MANAGEMENT (get current value)		
E.1/59	PROVIDE LOCAL INFORMATION (date, time and time zone)		
E.1/67	PROVIDE LOCAL INFORMATION - BCCH		
E.1/68	PROVIDE LOCAL INFORMATION (language)		
E.1/69	PROVIDE LOCAL INFORMATION (Timing Advance)		
E.1/98	GPRS supported by ME		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
E.1/129	TCP		
E.1/130	UDP		
Additional information for scope: GERAN_v1			
CatA			
CatB			
CatE			
FDD1			
FDD2			
FDD5			
FDD8			
TH			
TL			
TN			
VH			
VL			
VN			
Features for scope: UTRA_v2			
31121_A.1/ 1	Support of CS		
31121_A.1/ 3	Support of UTRAN access		
31121_A.1/ 4	Support of GERAN access		
31121_A.1/ 7	Support of Higher priority PLMN selector with Access Technology service (Implementation is optional in Rel-6 and onwards)		
31121_A.1/ 10	Support of "Receive SMS" functionality		
31124_A.1/ 4	Extended Text String		
31124_A.1/ 16	Mobile supporting GPRS		
31124_A.1/ 17	Mobile supporting UDP		
31124_A.1/ 18	Mobile supporting TCP		
31124_A.1/ 20	Mobile decision to respond with "No response from user" in finite time		
31124_A.1/ 23	Immediate response		
31124_A.1/ 24	Variable Timeout		
31124_A.1/ 44	Mobile supporting Barred Dialling Numbers		
31124_A.1/ 45	Mobile supporting Fixed dialling numbers		
31124_A.1/ 63	Terminal supports Long ForwardToNumber		
31124_A.1/ 64	Mobile supporting GERAN		
31124_A.1/ 65	Support of global phonebook		
31124_A.1/ 66	HSDPA Support		
31124_A.1/ 134	Terminal supports UTRAN		
31124_E.1/ 1	Profile Download		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
31124_E.1/ 2	SMS-PP data download		
31124_E.1/ 3	Cell Broadcast data download		
31124_E.1/ 5	Bit =1 if SMS-PP data Download supported		
31124_E.1/ 6	Timer expiration		
31124_E.1/ 7	Bit=1 if Call control supported		
31124_E.1/ 8	Bit=1 if Call control supported		
31124_E.1/ 9	Command result		
31124_E.1/ 10	Call Control by USIM		
31124_E.1/ 11	Bit=1 if Call control supported		
31124_E.1/ 12	MO short message control by USIM		
31124_E.1/ 13	Bit=1 if Call control supported		
31124_E.1/ 16	Bit=1 if Display Text supported		
31124_E.1/ 17	DISPLAY TEXT		
31124_E.1/ 18	GET INKEY		
31124_E.1/ 19	GET INPUT		
31124_E.1/ 20	MORE TIME		
31124_E.1/ 21	PLAY TONE		
31124_E.1/ 22	POLL INTERVAL		
31124_E.1/ 23	POLLING OFF		
31124_E.1/ 24	REFRESH		
31124_E.1/ 25	SELECT ITEM		
31124_E.1/ 26	SEND SHORT MESSAGE		
31124_E.1/ 27	SEND SS		
31124_E.1/ 28	SEND USSD		
31124_E.1/ 29	SET UP CALL		
31124_E.1/ 30	SET UP MENU		
31124_E.1/ 31	PROVIDE LOCAL INFORMATION (LOCI & IMEI)		
31124_E.1/ 32	PROVIDE LOCAL INFORMATION (NMR)		
31124_E.1/ 33	SET UP EVENT LIST		
31124_E.1/ 34	Event: MT call		
31124_E.1/ 35	Event: Call connected		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
31124_E.1/ 36	Event: Call disconnected		
31124_E.1/ 37	Event: Location status		
31124_E.1/ 38	Event: User activity		
31124_E.1/ 39	Event: Idle screen available		
31124_E.1/ 41	Event: Language selection		
31124_E.1/ 45	Event: Access Technology Change		
31124_E.1/ 48	Event: Network Search Mode Change		
31124_E.1/ 57	TIMER MANAGEMENT (start, stop)		
31124_E.1/ 58	TIMER MANAGEMENT (get current value)		
31124_E.1/ 59	PROVIDE LOCAL INFORMATION (date, time and time zone)		
31124_E.1/ 60	Bit=1 if Get Inkey		
31124_E.1/ 61	SET UP IDLE MODE TEXT		
31124_E.1/ 63	Bit=1 if Set UpCall		
31124_E.1/ 64	Bit=1 if Call Control		
31124_E.1/ 65	Bit=1 if Display Text		
31124_E.1/ 66	SEND DTMF command		
31124_E.1/ 67	Bit = 1 if Provide Local Information (NMR) supported		
31124_E.1/ 68	PROVIDE LOCAL INFORMATION (language)		
31124_E.1/ 69	PROVIDE LOCAL INFORMATION (Timing Advance)		
31124_E.1/ 70	LANGUAGE NOTIFICATION		
31124_E.1/ 72	PROVIDE LOCAL INFORMATION (Access Technology)		
31124_E.1/ 136	HSDPA supported by ME		
31124_E.1/ 137	DISPLAY TEXT (Variable time out)		
31124_E.1/ 140	GET INKEY (Variable time out)		
31124_E.1/ 142	CALL CONTROL on GPRS		
31124_E.1/ 182	Reserved for 3GPP2: PROVIDE LOCAL INFORMATION (MEID)		
34121_A.1/ 1	FDD (DS)		
34121_A.1/ 4	GSM		
34121_A.1/ 5	GPRS		
34121_A.2/ 1	Circuit Switched		
34121_A.2/ 2	Packet Switched		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
34121_A.2/ 3	UE supports UE operation mode A: PS and CS simultaneously		
34121_A.4/ 1	Call Control		
34121_A.4/ 2	Mobility Management		
34121_A.4/ 3	Session Management		
34121_A.4/ 4	GPRS Mobility Management		
34121_A.4/ 5	Radio Resource Control		
34121_A.4/ 7	Broadcast/Multicast Control		
34121_A.4/ 8	Radio Link Control		
34121_A.4/ 9	Medium Access Control		
34121_A.4/ 10	Physical Layer		
34121_A.5/ 1	UE test loop		
34121_A.5/ 2	Support of UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets)		
34121_A.6/ 1	Chip rate 3,84 Mcps		
34121_A.6/ 2	Frequency band: 1 920-1 980, 2 110-2 170 MHz		
34121_A.6/ 3	Frequency band: 1 850-1 910, 1 930-1 990 MHz		
34121_A.6/ 5	TX-RX Freq. Sep: 190 MHz		
34121_A.6/ 6	TX-RX Freq. Sep: 80 MHz		
34121_A.6/ 8	Carrier raster: 200 kHz		
34121_A.6/ 11	UE Power Class 3 for Operation Band I (+24 dBm)		
34121_A.6/ 13	Output RF spectrum emissions		
34121_A.6/ 16	Frequency band: 824 - 849, 869-894 MHz		
34121_A.6/ 19	Frequency band: 880-915, 925-960 MHz		
34121_A.6/ a/1	UE Power Class 3 for Operation Band II (+24 dBm)		
34121_A.6/ a/10	UE Power Class 3 for Operation Band V (+24 dBm)		
34121_A.6/ a/19	UE Power Class 3 for Operation Band VIII (+24 dBm)		
34121_A.7/ 1	Support of turbo decoding		
34121_A.7/ 2	Support of turbo encoding		
34121_A.7/ 10	Support of uplink and downlink compressed mode		
34121_A.7/ 14	Support of HS-PDSCH		
34121_A.7/ 15	Support of E-DPDCH		
34121_A.8/ 6	Category 6		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
34121_A.8/ 8	Category 8		
34121_A.8/ 10	Category 10		
34121_A.8/ 12	Category 12		
34121_A.8/ 14	Category 14		
34121_A.9/ 5	Category 5		
34121_A.9/ 6	Category 6		
34121_A.1 0/1	Up-link reference measurement channel 12.2 kbps (FDD)		
34121_A.1 0/2	Down-link reference measurement channel 12.2 kbps (FDD)		
34121_A.1 0/3	Up-link reference measurement channel 64 kbps (FDD)		
34121_A.1 0/4	Down-link reference measurement channel 64 kbps (FDD)		
34121_A.1 0/5	Up-link reference measurement channel 144 kbps (FDD)		
34121_A.1 0/6	Down-link reference measurement channel 144 kbps (FDD)		
34121_A.1 0/7	Up-link reference measurement channel 384 kbps (FDD)		
34121_A.1 0/8	Down-link reference measurement channel 384 kbps (FDD)		
34121_A.1 0/10	Down-link reference measurement channel 2 64 kbps (FDD)		
34121_A.1 1/1	Enhanced performance requirements type 1		
34121_A.1 1/2	Enhanced performance requirements type 2		
34121_A.1 1/3	Enhanced performance requirements type 3		
34121_A.1 1/4	Enhanced performance requirements type 1 for E-DCH		
34121_A.1 1/6	Enhanced performance requirements Type 3i		
34171_G.2 /1	FDD (DS)		
34171_G.2 /4	GSM		
34171_G.2 /5	GPRS		
34171_G.2 /6	MultiRAT_Capability		
34171_G.3 /1	Support of turbo decoding		
34171_G.3 /2	Support of turbo encoding		
34171_G.3 /10	Support of uplink and downlink compressed mode		
34171_G.3 /12	Support of UE based Network Assisted GPS		
34171_G.3 /13	Support of UE assisted Network Assisted GPS		
34171_G.3 /14	Support of HS-PDSCH		
34171_G.3 /15	Support of E-DPDCH		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.1/1	FDD (DS); this feature is mandatory for all UTRA FDD UE		
A.1/1_GER AN	Standard GSM Band (P-GSM)		
A.1/2_GER AN	Extended GSM Band (E-GSM), (including standard Band)		
A.1/4	GSM		
A.1/4_GER AN	DCS 1800 band		
A.1/10_GERAN	GSM Power Class 4		
A.1/12_GERAN	DCS Power Class 1		
A.1/18_GERAN	PCS 1900 band		
A.1/19_GERAN	PCS Power Class 1		
A.1/55_GERAN	GSM 850 band		
A.1/65_GERAN	Support of Conventional GPS		
A.1/127_GERAN	GSM 850 Power Class 4		
A.1/146_GERAN	DTM/EGPRS Multislot Class 9		
A.2/3	Short Message Service (SMS) MT over CS		
A.2/4	Short Message Service (SMS) MO over CS		
A.2/5	Short Message Service (SMS) MT over PS		
A.2/6	Short Message Service (SMS) MO over PS		
A.2/7	Cell Broadcast Service (CBS)		
A.2/17_GERAN	Support of Encryption A5/1.		
A.2/41_GERAN	Support of GPRS		
A.2/48_GERAN	GPRS operation mode class B		
A.2/49_GERAN	GPRS operation mode class C		
A.2/59_GERAN	Support of MS-Based GPS		
A.2/60_GERAN	Support of MS-Assisted GPS		
A.3/1	Circuit Switched		
A.3/2	Packet Switched		
A.3/3	UE supports UE operation mode A: PS and CS simultaneously		
A.3/3_GERAN	Short Message MT/PP.		
A.4/2	3,1 kHz Audio 14 400 bit/s		
A.4/4	3,1 kHz Audio 28 800 bit/s		
A.4/5	3,1 kHz Audio Modem AutoBauding1		
A.4/7	V.110 UDI 14 400 bit/s		
A.4/9	V.110 UDI 28 800 bit/s		
A.4/10	V.110 UDI 38 400 bit/s		
A.4/12	V.120 14 400 bit/s		
A.4/14	V.120 28 800 bit/s		
A.4/17	V.120 56 000 bit/s		
A.5/23	Bit Transparent mode 64 000 bit/s		
A.6/1	Conversational		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.6/2	Streaming		
A.6/3	Interactive		
A.6/4	Background		
A.7/31	Support of molr-Type parameter ☐ psAssistanceData		
A.8/2	Location Service (LCS)		
A.8a/4	Standalone location method is supporting by UE		
A.11/1	Call Control		
A.11/2	Mobility Management		
A.11/3	Session Management		
A.11/4	GPRS Mobility Management		
A.11/5	Radio Resource Control		
A.11/7	Broadcast/Multicast Control		
A.11/8	Radio Link Control		
A.11/9	Medium Access Control		
A.11/10	Physical Layer		
A.12/1	Up-link reference measurement channel 12.2 kbps (FDD)		
A.12/2	Down-link reference measurement channel 12.2 kbps (FDD)		
A.13/1	UE test loop		
A.13/2	Support of UE test loop mode 1 with UL RLC SDU size bigger than 12160 bits (1520 octets)		
A.14/1	Electrical Man Machine Interface (EMMI)		
A.14/2	UICC/ME test interface		
A.15/1	FDD: Chip rate 3,84 Mcps		
A.15/2	FDD: Frequency band: 1 920-1 980, 2 110-2 170 MHz		
A.15/3	FDD: Frequency band: 1 850-1 910, 1 930-1 990 MHz		
A.15/5	FDD: TX-RX Freq. Sep: 190 MHz		
A.15/6	FDD: TX-RX Freq. Sep: 80 MHz		
A.15/8	FDD: Carrier raster: 200 kHz		
A.15/11	FDD: UE Power Class 3 (+24 dBm)		
A.15/13	FDD: Output RF spectrum emissions		
A.15/16	FDD: Frequency band: 824 - 849, 869-894 MHz		
A.15/19	Frequency band: 880-915, 925-960 MHz		
A.15/21	Multiple FDD bands simultaneously		
A.18a.1/6	Category 6		
A.18a.1/8	Category 8		
A.18a.1/10	Category 10		
A.18a.1/12	Category 12		
A.18a.1a/14	Category 14		
A.18a.2/5	Category 5		
A.18a.2/6	Category 6		
A.18a/1	Support of turbo decoding		
A.18a/2	Support of turbo encoding		
A.18a/8	Need of inter-frequency uplink compressed mode		
A.18a/8a	Need of interRAT uplink compressed mode		
A.18a/9a	Need of interRAT downlink compressed mode		
A.18a/12	Support of UE based Network Assisted GPS		
A.18a/13	Support of UE assisted Network Assisted GPS		
A.18a/14	Support of HS-PDSCH		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.18a/17	Capability with simultaneous HS-DSCH configuration	kbps32, kbps64, kbps128, kbps384	kbps64
A.18a/18	Support of E-DPDCH		
A.18a/24	Support for MAC-e-hs		
A.18c/2	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH		
A.18c/12	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI		
A.18c/13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI		
A.18c/14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI		
A.18c/14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI		
A.18c/15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/18	Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/19	Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/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)		
A.18c/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)		
A.18c/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)		
A.18c/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)		
A.18c/23a.1	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC)		
A.18c/23a.2	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC)		
A.18c/23b	Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.		
A.18c/23c	Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.		
A.18c/23d	Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.		
A.18c/24.1	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC		
A.18c/24.2	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.18c/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)		
A.18c/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)		
A.18c/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)		
A.18c/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)		
A.18c/26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18c/29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH		
A.18c/30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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.		
A.18c/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.		
A.18c/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		
A.18c/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		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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		
A.18c/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.		
A.18e/1	Stand-alone signalling RB for PCCH		
A.18e/2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH		
A.18e/3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH		
A.18e/4	RB for CTCH + SRB for CCCH +SRB for BCCH		
A.18e/5	Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH		
A.18f.1/1	Interactive or Background / UL:64 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18f.1/1a	Interactive or Background / UL:128 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18f.1/2	Interactive or background / UL:384 DL: [max bit rate depending on UE category] / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		
A.18f.1/4	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 DCCH		
A.18f.1/4a	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		
A.18f.1/5	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		
A.18f.1/5a	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		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.18f.1/6	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		
A.18f.2/1	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		
A.18f.3/1	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		
A.18f.3/2	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		
A.18f.3/5	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 b		
A.18f/1	Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH		
A.18f/2	Interactive/Background 32 kbps PS RAB + Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH		
A.18f/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 ..		
A.19a/4	Support of UM RB and AM RB		
A.19a/6	Maximum header compression context space	by16384, by32768, by65536, by131072	by16384
A.19b/1	Support of BMC		
A.19b/2	Support of BMC Scheduling		
A.19c/1	Total RLC AM and MAC-hs buffer size	kb2, kb10, kb50, kb100, kb150, kb200, kb300, kb400, kb500, kb750, kb1000, kb2000	kb400
A.20/1	At least one bearer service		
A.20/3	Inter-system measurement for GSM		
A.20/4	At least one MO circuit switched basic service		
A.20/5	At lease one MT circuit switched basic service		
A.20/7	Activation of one or more PDP contexts simultaneously		
A.20/8	Sending of correct acknowledgement of memory full condition		
A.20/9	Status report capability		
A.20/11	Storing of received Class 1 short messages		
A.20/12	Storing of received Class 2 short messages in the SIM		
A.20/15	Sending of concatenated multiple short messages on the same RR connection when there is no call in progress		
A.20/16	Sending of concatenated multiple short messages on the same RR connection when there is a call in progress		

Features for OUT: EM820W

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
A.20/19	Poll_PU based polling mode of AM RLC		
A.20/20	Timer based polling mode of AM RLC		
A.20/21	Discard mode of AM RLC		
A.20/22	At least one MO circuit switched basic service		
A.20/23	At least one MO circuit switched basic service for which immediate connect is not used		
A.20/26	Secondary PDP context activation procedure		
A.20/32	Support of Follow On Proceed		
A.20/35	Support switch on/off		
A.20/38	Support of automatic PS attach procedure at switch on.		
A.20/39	User requested combined PS and non-PS detached without powering off		
A.20/41	Support for user setting of minimum QoS		
A.20/42	PS attach attempted automatically by outstanding request		
A.20/43	Support for making an outgoing PS call by AT commands		
A.20/45	Controlled Early Classmark Sending option implementation		
A.20/47	Void		
A.20/52	Void		
A.20/53	Void		
A.20/54	Void		
A.20/55	Void		
A.20/62	Access technology priority supported in HPLMNwACT field		
A.20/63	User requested PS detach without powering off		
A.20/65	AT command +CHUP supported		
A.20/66	UE which supports follow-on request procedure (PS)		
A.20/67	UE which supports Inter-RAT network assisted cell change from UTRAN		
A.20/68	RLP supported		
A.20/72	Support of DSAC		
A.20/75	Automatic attach procedure when UE identity cannot be derived by the network		
A.20/76	GMM Information Supported		
A.20/77	Multiplexer protocol supported		
A.20/80	Support for being configured to discover the Home Agent address via DNS		
A.25/4_GE RAN	at least one data service.		
A.25/5_GE RAN	at least one full rate data service.		
A.25/38_G ERAN	detach on power down.		
A.25/61_G ERAN	Pseudo-synchronized handover supported.		
A.25/72_G ERAN	14.4 k data mode		
A.27/3_GE RAN	see 51.010-2; UL/DL: 28.8 kbps		
A.27/4_GE RAN	see 51.010-2; UL/DL: 57.6 kbps		
R	recommended - the test case is recommended		
UICC_Class_B	Voltage Class B (3V) of UICC - Terminal interface		

Features for OUT: **EM820W**

Designation	Description	Allowed Values	Supported Value(s)
UICC_Class_C	Voltage Class C (1,8V) of UICC - Terminal interface		
Additional information for scope: UTRA_v2			
CatA			
CatB			
CatE			
Rel7			
Service_Conversation			
I			
TH			
TL			
TN			
VH			
VL			
VN			
VX			
VY			
VZ			

2.4 Setups used for Testing

For each setup a relation is given to determine if and which samples and auxiliary equipment is used. The left side list all OUT samples and the right side lists all auxiliary equipment for the given setup.

<i>Setup No.</i>		<i>List of OUT samples</i>		<i>List of auxiliary equipment</i>	
		<i>Sample No.</i>	<i>Sample Description</i>	<i>AE No.</i>	<i>AE Description</i>
A01					
	Sample:	A01	test sample #01		
B01					
	Sample:	B01	test sample #02		
C01					
	Sample:	C01	test sample #03		
D01					
	Sample:	D01	test sample #04		
E01					
	Sample:	E01	test sample #05		
F01					
	Sample:	F01	test sample #06		
G01					
	Sample:	G01	test sample #07		
H01					
	Sample:	H01	test sample #08		
M02					
	Sample:	M02	test sample #09		
Q02					
	Sample:	Q02	test sample #10		

3 Results

3.1 General

Documentation of tested devices:

Available at the test laboratory.

Interpretation of the test results:

The results of the inspection are described on the following pages, where 'Conformity' or 'Passed' means that the certification criteria were verified and that the tested device is conform to the applied standard.

In cases where 'Declaration' is printed, the required documents are available in the manufacturers product documentation.

In cases where 'not applicable' is printed, the test case requirements are not relevant to the specific equipment implementation.

3.2 List of the Applicable Body

(Bodies for Scope: UTRA_v2)

<i>Designation</i>	<i>Description</i>
GCF-CC 3.40 bis	Official GCF-CC Version 3.40.0/3.40.1 dated 2010-10-27/2010-12-26. plus new CRs and 5-day-rule changes.
NAPRD.03 v5.4 bis	Official PTCRB NAPRD.03 Version 5.4, forced from 6th July 2010 plus new 5-day-rule PVG changes.

3.3 List of Test Specification

Test Specification: **3GPP TS 34.121-1**

Date / Version 2010/10/13 Version: 9.2.0

Title: 3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
User Equipment (UE) conformance specification;
Radio transmission and reception (FDD);

Description: Part 1: Conformance specification

<i>Applicable Errata</i>	<i>Activate Date</i>	<i>Comment</i>
R5-100143	10/3/16	Addition of UE power Class 3bis to all bands
R5-100146	10/3/16	Correction to power setting with HS-DPCCH
R5-100557	10/3/16	CR to 34.121-1: Introduction of Extended UMTS1500MHz for RRM requirements
R5-100564	10/3/16	CR to 34.121-1: Correction to 5.2B, 5.9B and 5.10B test cases
R5-100869	10/3/16	Update of 9.3.1A Channel Code Power
R5-100874	10/3/16	CR to 34.121-1: Introduction of Extended UMTS1500MHz for TRx requirements
R5-103502	10/6/1	Introduction of E-AI detection performance test case into section 7
R5-103554	10/6/1	Correction to test procedure of RRM test 8.3.8
R5-103767	10/6/1	CR to 34.121-1: Addition of UE RF requirements for UMTS, Band 20

Test Specification: **3GPP TS 34.123-1**

Date / Version 2010/10/13 Version: 9.2.0

Title: User Equipment (UE) conformance specification; - Part 1: Protocol conformance specification
(Technical Specification Group Terminals)

Description: The present document specifies the protocol conformance testing for the 3rd Generation User Equipment (UE).

<i>Applicable Errata</i>	<i>Activate Date</i>	<i>Comment</i>
R5-103868	10/6/1	Adding EFPSLOCI to the Idle mode test cases

Test Specification: **3GPP TS 34.171**

Date / Version 2009/02/23 Version: 8.0.0

Title: Technical Specification Group Radio Access Network;
Terminal conformance specification;
Assisted Global Positioning System (A-GPS);
Frequency Division Duplex (FDD)

3.4 Summary

Test Case Identifier / Name

Test (condition)	Cat	Result	Date of Test	Lab Ref.	Setup
Test Specification: 3GPP TS 34.121-1					
5.2B Maximum Output Power with HS-DPCCH and E-DCH					
5.2B; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2B; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2B; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2B; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2B; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2B; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2B; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2B; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2B; FDD5, TH, VH	A	Passed	2010/11/30	Lab 2	E01
5.2B; FDD5, TH, VL	A	Passed	2010/11/30	Lab 2	E01
5.2B; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2B; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2 Maximum Output Power					
5.2; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD8, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD8, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.2; FDD8, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD8, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.2; FDD8, TN, VN	A	Passed	2010/11/25	Lab 2	F01

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
5.3 Frequency Error					
5.3; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD1, TN, VN, Vibr. axis X	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD1, TN, VN, Vibr. axis Y	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD1, TN, VN, Vibr. axis Z	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD2, TN, VN, Vibr. axis X	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD2, TN, VN, Vibr. axis Y	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD2, TN, VN, Vibr. axis Z	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.3; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.3; FDD5, TN, VN, Vibr. axis X	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD5, TN, VN, Vibr. axis Y	A	Passed	2010/11/29	Lab 2	E01
5.3; FDD5, TN, VN, Vibr. axis Z	A	Passed	2010/11/29	Lab 2	E01
5.4.1 Open Loop Power Control in the Uplink					
5.4.1; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD8, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD8, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.1; FDD8, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD8, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.4.1; FDD8, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.4.2 Inner Loop Power Control in the Uplink					
5.4.2; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.4.2; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.4.2; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
5.4.3 Minimum Output Power					
5.4.3; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD1, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.4.3; FDD1, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.4.3; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD2, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.4.3; FDD2, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.4.3; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.4.3; FDD5, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.4.3; FDD5, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.4.4 Out-of-synchronisation handling of output power					
5.4.4; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.4.4; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.4.4; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.5.2 Transmitt ON/OFF Time mask					
5.5.2; FDD1, TH, VH	A	Passed	2010/11/30	Lab 2	E01
5.5.2; FDD1, TH, VL	A	Passed	2010/11/30	Lab 2	E01
5.5.2; FDD1, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD1, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.5.2; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.5.2; FDD2, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD2, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD5, TH, VH	A	Passed	2010/12/02	Lab 5	A01
5.5.2; FDD5, TH, VL	A	Passed	2010/12/02	Lab 5	A01
5.5.2; FDD5, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD5, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD8, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.5.2; FDD8, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.5.2; FDD8, TL, VH	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD8, TL, VL	A	Passed	2010/11/29	Lab 2	F01
5.5.2; FDD8, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.6 Change of TFC					
5.6; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.6; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.6; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7 Power setting in uplink compressed mode					
5.7; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7A HS-DPCCH power control					
5.7A; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7A; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.7A; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.8 Occupied Bandwidth (OBW)					
5.8; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.8; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.8; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01

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5.9 Spectrum emission mask					
5.9; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9A Spectrum Emission Mask with HS-DPCCH					
5.9a; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9a; FDD2, TN, VN	A	Passed	2010/12/03	Lab 5	B01
5.9a; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9B Spectrum Emission Mask with E-DCH					
5.9B; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.9B; FDD2, TN, VN	A	Passed	2010/12/03	Lab 5	B01
5.9B; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.10A Adjacent Channel Leakage Power Ratio (ACLR) with HS-DPCCH					
5.10a; FDD1, TH, VH	A	Passed	2010/11/26	Lab 2	F01
5.10a; FDD1, TH, VL	A	Passed	2010/11/26	Lab 2	F01
5.10a; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10a; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10a; FDD2, TH, VH	A	Passed	2010/12/02	Lab 5	A01
5.10a; FDD2, TH, VL	A	Passed	2010/12/02	Lab 5	A01
5.10a; FDD2, TL, VH	A	Passed	2010/12/03	Lab 5	B01
5.10a; FDD2, TL, VL	A	Passed	2010/12/03	Lab 5	B01
5.10a; FDD5, TH, VH	A	Passed	2010/11/26	Lab 2	F01
5.10a; FDD5, TH, VL	A	Passed	2010/11/26	Lab 2	F01
5.10a; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10a; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10B Adjacent Channel Leakage Power Ratio (ACLR) with E-DCH					
5.10B; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.10B; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.10B; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10B; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10B; FDD2, TH, VH	A	Passed	2010/12/06	Lab 5	B01
5.10B; FDD2, TH, VL	A	Passed	2010/12/06	Lab 5	B01
5.10B; FDD2, TL, VH	A	Passed	2010/12/06	Lab 5	B01
5.10B; FDD2, TL, VL	A	Passed	2010/12/06	Lab 5	B01
5.10B; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.10B; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.10B; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10B; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10 Adjacent Channel Leakage Power Ratio (ACLR)					
5.10; FDD1, TH, VH	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD1, TH, VL	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10; FDD2, TH, VH	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD2, TH, VL	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.10; FDD5, TH, VH	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD5, TH, VL	A	Passed	2010/11/26	Lab 2	F01
5.10; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.10; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01

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5.11 Spurious Emissions (Transmitter)					
5.11; FDD1, TN, VN	A	Passed	2010/12/01	Lab 5	A01
5.11; FDD2, TN, VN	A	Passed	2010/12/01	Lab 5	A01
5.11; FDD5, TN, VN	A	Passed	2010/12/01	Lab 5	A01
5.11; FDD8, TN, VN	A	Passed	2010/12/01	Lab 5	A01
5.12 Transmitt Intermodulation					
5.12; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.12; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.12; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1 Error Vector Magnitude (EVM)					
5.13.1; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1AA Error Vector Magnitude (EVM) and phase discontinuity with HS-DPCCH					
5.13.1AA; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1AA; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.1AA; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01
5.13.3 UE phase discontinuity					
5.13.3; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.13.3; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.13.3; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
5.13.4 PRACH preamble quality					
5.13.4; FDD1, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.13.4; FDD1, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.13.4; FDD1, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.13.4; FDD1, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.13.4; FDD2, TH, VH	A	Passed	2010/11/30	Lab 2	E01
5.13.4; FDD2, TH, VL	A	Passed	2010/11/30	Lab 2	E01
5.13.4; FDD2, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.13.4; FDD2, TL, VL	A	Passed	2010/11/28	Lab 2	F01
5.13.4; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
5.13.4; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
5.13.4; FDD5, TL, VH	A	Passed	2010/11/28	Lab 2	F01
5.13.4; FDD5, TL, VL	A	Passed	2010/11/28	Lab 2	F01
6.2 Reference Sensitivity Level					
6.2; FDD1, TH, VH	A	Passed	2010/11/30	Lab 2	E01
6.2; FDD1, TH, VL	A	Passed	2010/11/30	Lab 2	E01
6.2; FDD1, TL, VH	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD1, TL, VL	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD2, TH, VH	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD2, TH, VL	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD2, TL, VH	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD2, TL, VL	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD5, TH, VH	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD5, TH, VL	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD5, TL, VH	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD5, TL, VL	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD8, TH, VH	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD8, TH, VL	A	Passed	2010/11/27	Lab 2	F01
6.2; FDD8, TL, VH	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD8, TL, VL	A	Passed	2010/11/29	Lab 2	F01
6.2; FDD8, TN, VN	A	Passed	2010/11/26	Lab 2	A01

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6.3 Maximum Input Level					
6.3; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3A Maximum Input Level for HS-PDSCH Reception (16QAM)					
6.3a; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3a; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3a; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.3B Maximum Input Level for HS-PDSCH Reception (64QAM)					
6.3B; FDD1, TN, VN	A	Passed	2010/11/29	Lab 5	H01
6.3B; FDD2, TN, VN	A	Passed	2010/11/29	Lab 5	H01
6.3B; FDD5, TN, VN	A	Passed	2010/11/29	Lab 5	H01
		footnote: 1			
		footnote: 1			
		footnote: 1			
6.4A Adjacent Channel Selectivity (ACS) (Rel-5 and later releases)					
6.4A; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.4A; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.4A; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.5 Blocking Characteristics					
6.5; FDD1, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.5; FDD2, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.5; FDD5, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.5; FDD8, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.6 Spurious Response					
6.6; FDD1, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.6; FDD2, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.6; FDD5, TN, VN	A	Passed	2010/11/27	Lab 5	A01
6.7 Intermodulation Characteristics					
6.7; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.7; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.7; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.7; FDD8, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.8 Spurious Emissions (Receiver)					
6.8; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.8; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.8; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
6.8; FDD8, TN, VN	A	Passed	2010/11/25	Lab 2	F01

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7.2.1 Demodulation of DCH, Static Propagation						
7.2.1; FDD1, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD2, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD5, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01	
7.2.1; FDD1, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD2, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD5, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01	
7.2.1; FDD1, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD2, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD5, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01	
7.2.1; FDD1, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD2, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01	
7.2.1; FDD5, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01	

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7.3.1 Demodulation of DCH, Multi-path Fading					
7.3.1; FDD1, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 5, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 5, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 5, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 6, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 6, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 6, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 7, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 7, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 7, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 8, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 8, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 8, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 9, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 9, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 9, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 10, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 10, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 10, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 11, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 11, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 11, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01

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7.3.1 Demodulation of DCH, Multi-path Fading					
7.3.1; FDD1, TN, VN, TEST 12, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 12, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 12, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 13, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 13, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 13, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 14, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 14, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 14, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 15, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 15, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 15, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 16, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 16, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 16, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 17, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 17, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 17, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 18, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 18, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 18, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 19, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 19, UL: 12.2k; DL: 144k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 19, UL: 12.2k; DL: 144k	A	Passed	2010/11/24	Lab 5	A01
7.3.1; FDD1, TN, VN, TEST 20, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD2, TN, VN, TEST 20, UL: 12.2k; DL: 384k	A	Passed	2010/11/23	Lab 5	A01
7.3.1; FDD5, TN, VN, TEST 20, UL: 12.2k; DL: 384k	A	Passed	2010/11/24	Lab 5	A01

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7.4.1 Demodulation of DCH, Moving Propagation						
7.4.1; FDD1, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.4.1; FDD2, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.4.1; FDD5, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01	
7.4.1; FDD1, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.4.1; FDD2, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.4.1; FDD5, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01	
7.5.1 Demodulation of DCH, Birth-Death Propagation						
7.5.1; FDD1, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.5.1; FDD2, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/23	Lab 5	A01	
7.5.1; FDD5, TN, VN, TEST 1, UL: 12.2k; DL: 12.2k	A	Passed	2010/11/24	Lab 5	A01	
7.5.1; FDD1, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.5.1; FDD2, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/23	Lab 5	A01	
7.5.1; FDD5, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/24	Lab 5	A01	
7.6.1 Demodulation of DCH in open-loop transmit diversity mode						
7.6.1; FDD1, TN, VN	A	Passed	2010/11/23	Lab 5	A01	
7.6.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 5	A01	
7.6.1; FDD5, TN, VN	A	Passed	2010/11/24	Lab 5	A01	
7.6.2 Demodulation of DCH in closed loop transmit diversity mode						
7.6.2; FDD1, TN, VN, TEST 1	B	Passed	2010/11/23	Lab 5	A01	
7.6.2; FDD2, TN, VN, TEST 1	A	Passed	2010/11/23	Lab 5	A01	
7.6.2; FDD5, TN, VN, TEST 1	A	Passed	2010/11/24	Lab 5	A01	
7.7.1A Demodulation of DCH in Inter-Cell Soft Handover (Release 6 and later)						
7.7.1A; FDD1, TN, VN, TEST 1, UL:12.2k; DL: 12.2k	B	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD2, TN, VN, TEST 1, UL:12.2k; DL: 12.2k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD5, TN, VN, TEST 1, UL:12.2k; DL: 12.2k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD1, TN, VN, TEST 2, UL: 12.2k; DL: 64k	B	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD2, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD5, TN, VN, TEST 2, UL: 12.2k; DL: 64k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD1, TN, VN, TEST 3, UL: 12.2k; DL: 144k	B	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD2, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD5, TN, VN, TEST 3, UL: 12.2k; DL: 144k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD1, TN, VN, TEST 4, UL: 12.2k; DL: 384k	B	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD2, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/30	Lab 5	A01	
7.7.1A; FDD5, TN, VN, TEST 4, UL: 12.2k; DL: 384k	A	Passed	2010/11/30	Lab 5	A01	

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Test (condition)	Cat	Result	Date of Test	Ref.	Setup
7.7.2 Combining of TPC commands from radio links of different radio link sets					
7.7.2; FDD1, TN, VN, TEST 1, fading=none	A	Passed	2010/11/23	Lab 5	A01
7.7.2; FDD2, TN, VN, TEST 1, fading=none	A	Passed	2010/11/23	Lab 5	A01
7.7.2; FDD5, TN, VN, TEST 1, fading=none	A	Passed	2010/11/24	Lab 5	A01
7.7.2; FDD1, TN, VN, TEST 2, fading=Multipath 3	A	Passed	2010/11/23	Lab 5	A01
7.7.2; FDD2, TN, VN, TEST 2, fading=Multipath 3	A	Passed	2010/11/23	Lab 5	A01
7.7.2; FDD5, TN, VN, TEST 2, fading=Multipath 3	A	Passed	2010/11/24	Lab 5	A01
7.7.3 Combining of reliable TPC commands from radio links of different radio link sets					
7.7.3; FDD1, TN, VN, TEST 1, DPCH2=lower	B	Passed	2010/11/23	Lab 5	A01
7.7.3; FDD1, TN, VN, TEST 2, DPCH2=higher	B	Passed	2010/11/23	Lab 5	A01
7.7.3; FDD2, TN, VN, TEST 1, DPCH2=lower	A	Passed	2010/11/23	Lab 5	A01
7.7.3; FDD2, TN, VN, TEST 2, DPCH2=higher	A	Passed	2010/11/23	Lab 5	A01
7.7.3; FDD5, TN, VN, TEST 1, DPCH2=lower	A	Passed	2010/11/24	Lab 5	A01
7.7.3; FDD5, TN, VN, TEST 2, DPCH2=higher	A	Passed	2010/11/24	Lab 5	A01
7.8.1A Power control in the downlink, constant BLER target (Release 6 and later)					
7.8.1A; FDD1, TN, VN, TEST 1, IOR/IOC=9, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD2, TN, VN, TEST 1, IOR/IOC=9, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD5, TN, VN, TEST 1, IOR/IOC=9, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD1, TN, VN, TEST 2, IOR/IOC=-1, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD2, TN, VN, TEST 2, IOR/IOC=-1, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD5, TN, VN, TEST 2, IOR/IOC=-1, IDR=12.2	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD1, TN, VN, TEST 3, IOR/IOC=4, IDR=64	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD2, TN, VN, TEST 3, IOR/IOC=4, IDR=64	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD5, TN, VN, TEST 3, IOR/IOC=4, IDR=64	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD1, TN, VN, TEST 4, IOR/IOC=9, IDR=64	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD2, TN, VN, TEST 4, IOR/IOC=9, IDR=64	A	Passed	2010/12/01	Lab 5	A01
7.8.1A; FDD5, TN, VN, TEST 4, IOR/IOC=9, IDR=64	A	Passed	2010/12/01	Lab 5	A01

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7.8.2 Power control in the downlink, initial convergence					
7.8.2; FDD1, TN, VN, TEST 1, Initial PDCH=-5.9	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD2, TN, VN, TEST 1, Initial PDCH=-5.9	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD5, TN, VN, TEST 1, Initial PDCH=-5.9	A	Passed	2010/11/24	Lab 5	A01
7.8.2; FDD1, TN, VN, TEST 2, Initial PDCH=-25.9	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD2, TN, VN, TEST 2, Initial PDCH=-25.9	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD5, TN, VN, TEST 2, Initial PDCH=-25.9	A	Passed	2010/11/24	Lab 5	A01
7.8.2; FDD1, TN, VN, TEST 3, Initial PDCH=-3	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD2, TN, VN, TEST 3, Initial PDCH=-3	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD5, TN, VN, TEST 3, Initial PDCH=-3	A	Passed	2010/11/24	Lab 5	A01
7.8.2; FDD1, TN, VN, TEST 4, Initial PDCH=-22.8	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD2, TN, VN, TEST 4, Initial PDCH=-22.8	A	Passed	2010/11/23	Lab 5	A01
7.8.2; FDD5, TN, VN, TEST 4, Initial PDCH=-22.8	A	Passed	2010/11/24	Lab 5	A01
7.8.3A Power control in the downlink, wind up effects (Release 6 and later)					
7.8.3A; FDD1, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.8.3A; FDD2, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.8.3A; FDD5, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.8.4 Power control in the downlink, different transport formats					
7.8.4; FDD1, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.8.4; FDD2, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.8.4; FDD5, TN, VN	A	Passed	2010/12/01	Lab 5	A01
7.9.1A Single link performance (Release 6 and later)					
7.9.1A; FDD1, TN, VN, TEST 1, CPM=C.5.1 Set 2A	A	Passed	2010/12/01	Lab 5	A01
7.9.1A; FDD2, TN, VN, TEST 1, CPM=C.5.1 Set 2A	A	Passed	2010/12/01	Lab 5	A01
7.9.1A; FDD5, TN, VN, TEST 1, CPM=C.5.1 Set 2A	A	Passed	2010/12/01	Lab 5	A01
7.9.1A; FDD1, TN, VN, TEST 2, CPM=C.5.1 Set 1	A	Passed	2010/12/01	Lab 5	A01
7.9.1A; FDD2, TN, VN, TEST 2, CPM=C.5.1 Set 1	A	Passed	2010/12/01	Lab 5	A01
7.9.1A; FDD5, TN, VN, TEST 2, CPM=C.5.1 Set 1	A	Passed	2010/12/01	Lab 5	A01
7.10 Blind transport format detection					
7.10; FDD1, TN, VN	A	Passed	2010/11/23	Lab 5	A01
7.10; FDD2, TN, VN	A	Passed	2010/11/23	Lab 5	A01
7.10; FDD5, TN, VN	A	Passed	2010/11/24	Lab 5	A01
7.11 Demodulation of Paging Channel (PCH)					
7.11; FDD1, TN, VN	A	Passed	2010/12/17	Lab 5	Q02
7.11; FDD2, TN, VN	A	Passed	2010/12/17	Lab 5	Q02
7.11; FDD5, TN, VN	A	Passed	2010/12/21	Lab 5	M02
7.12 Detection of Acquisition Indicator (AI)					
7.12; FDD1, TN, VN	A	Passed	2010/11/23	Lab 5	A01
7.12; FDD2, TN, VN	A	Passed	2010/11/23	Lab 5	A01
7.12; FDD5, TN, VN	A	Passed	2010/11/24	Lab 5	A01
8.2.2.1 Cell Re-Selection, Scenario 1: Single carrier case					
8.2.2.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01

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8.2.2.2 Cell Re-Selection, Scenario 2: Multi carrier case						
8.2.2.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.2.3.1 UTRAN to GSM Cell Re-Selection, Scenario 1						
8.2.3.1; FDD1/1800, TN, VN	A	Passed	2010/11/29	Lab 3	F01	
8.2.3.1; FDD1/900, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.2.3.1; FDD2/1900, TN, VN	A	Passed	2010/11/29	Lab 3	F01	
8.2.3.1; FDD2/850, TN, VN	A	Passed	2010/11/29	Lab 3	F01	
8.2.3.1; FDD5/1900, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.2.3.1; FDD5/850, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.2.3.2 UTRAN to GSM Cell Re-Selection, Scenario 2						
8.2.3.2; FDD1/1800, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.2.3.2; FDD1/900, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.2.3.2; FDD2/1900, TN, VN	A	Passed	2010/11/29	Lab 3	F01	
8.2.3.2; FDD2/850, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.2.3.2; FDD5/1900, TN, VN	A	Passed	2010/11/29	Lab 3	F01	
8.2.3.2; FDD5/850, TN, VN	A	Passed	2010/11/25	Lab 3	E01	
8.2.3.3 UTRAN to GSM Cell Re-Selection, Scenario 3						
8.2.3.3; FDD2/1900, TN, VN	A	Passed	2010/11/25	Lab 3	F01	
8.3.2.1 FDD/FDD Hard Handover to intra-frequency cell						
8.3.2.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01	
8.3.2.2 FDD/FDD Hard Handover to inter-frequency cell						
8.3.2.2; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.3.5.1 Cell Re-selection in CELL_FACH, One frequency present in neighbour list						
8.3.5.1; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.3.5.2 Cell Re-selection in CELL_FACH, Two frequencies present in the neighbour list						
8.3.5.2; FDD1, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.3.5.2; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
8.3.5.2; FDD5, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.5.3 Cell Reselection to GSM						
8.3.5.3; FDD1/1800, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.3.5.3; FDD1/900, TN, VN	A	Passed	2011/01/07	Lab 3	Q02	
8.3.5.3; FDD2/1900, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.3.5.3; FDD2/850, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.3.5.3; FDD5/1900, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.3.5.3; FDD5/850, TN, VN	A	Passed	2010/12/01	Lab 3	F01	
8.3.6.1 Cell Re-selection in CELL_PCH, One frequency present in the neighbour list						
8.3.6.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.6.2 Cell Re-selection in CELL_PCH, Two frequency present in the neighbour list						
8.3.6.2; FDD1, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.6.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.6.2; FDD5, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.7.1 Cell Re-selection in URA_PCH, One frequency present in the neighbour list						
8.3.7.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.7.2 Cell Re-selection in URA_PCH, Two frequency present in the neighbour list						
8.3.7.2; FDD1, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.7.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.7.2; FDD5, TN, VN	A	Passed	2010/11/24	Lab 3	E01	
8.3.8 Serving HS-DSCH cell change						
8.3.8; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01	

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8.4.1.1 RRC Re-establishment delay, Test 1						
8.4.1.1; FDD2, TN, VN	A		Passed	2010/12/02	Lab 5	A01
8.4.1.2 RRC Re-establishment delay, Test 2						
8.4.1.2; FDD2, TN, VN	A		Passed	2010/11/23	Lab 3	C01
8.4.2.1A Correct behaviour when receiving an ACK						
8.4.2.1A; FDD2, TH, VH	A		Passed	2010/12/07	Lab 5	A01
8.4.2.1A; FDD2, TH, VL	A		Passed	2010/12/07	Lab 5	A01
8.4.2.1A; FDD2, TL, VH	A		Passed	2010/12/13	Lab 5	M02
8.4.2.1A; FDD2, TL, VL	A		Passed	2010/12/13	Lab 5	M02
8.4.2.2 Random Access, Correct behaviour when receiving an NACK						
8.4.2.2; FDD2, TH, VH	A		Passed	2010/11/25	Lab 3	E01
8.4.2.2; FDD2, TH, VL	A		Passed	2010/11/25	Lab 3	E01
8.4.2.2; FDD2, TL, VH	A		Passed	2010/11/24	Lab 3	E01
8.4.2.2; FDD2, TL, VL	A		Passed	2010/11/24	Lab 3	E01
8.4.2.3 Random Access, Correct behaviour at Time-out						
8.4.2.3; FDD2, TH, VH	A		Passed	2010/12/07	Lab 5	A01
8.4.2.3; FDD2, TH, VL	A		Passed	2010/12/07	Lab 5	A01
8.4.2.3; FDD2, TL, VH	A		Passed	2010/12/08	Lab 5	A01
8.4.2.3; FDD2, TL, VL	A		Passed	2010/12/08	Lab 5	A01
8.4.2.4 Random Access, Correct behaviour when reaching maximum transmitt power						
8.4.2.4; FDD2, TH, VH	A		Passed	2010/12/08	Lab 5	A01
8.4.2.4; FDD2, TH, VL	A		Passed	2010/12/08	Lab 5	A01
8.4.2.4; FDD2, TL, VH	A		Passed	2010/12/08	Lab 5	A01
8.4.2.4; FDD2, TL, VL	A		Passed	2010/12/08	Lab 5	A01
8.4.3.1 Transport format combination selection in UE, Interactive or Background, PS, UL: 64 kbps						
8.4.3.1; FDD2, TH, VH	A		Passed	2010/12/23	Lab 5	M02
8.4.3.1; FDD2, TH, VL	A		Passed	2010/12/23	Lab 5	M02
8.4.3.1; FDD2, TL, VH	A		Passed	2010/12/08	Lab 5	A01
8.4.3.1; FDD2, TL, VL	A		Passed	2010/12/08	Lab 5	A01
8.4.4.1 E-TFC restriction in UE - 10ms TTI E-DCH E-TFC restriction						
8.4.4.1; FDD1, TH, VH	A		Passed	2010/11/25	Lab 3	E01
8.4.4.1; FDD1, TH, VL	A		Passed	2010/11/25	Lab 3	E01
8.4.4.1; FDD1, TL, VH	A		Passed	2010/11/24	Lab 3	E01
8.4.4.1; FDD1, TL, VL	A		Passed	2010/11/24	Lab 3	E01
8.4.4.1; FDD2, TH, VH	A		Passed	2010/11/25	Lab 3	E01
8.4.4.1; FDD2, TH, VL	A		Passed	2010/11/25	Lab 3	E01
8.4.4.1; FDD2, TL, VH	A		Passed	2010/11/24	Lab 3	E01
8.4.4.1; FDD2, TL, VL	A		Passed	2010/11/24	Lab 3	E01
8.4.4.1; FDD5, TH, VH	A		Passed	2010/11/25	Lab 3	E01
8.4.4.1; FDD5, TH, VL	A		Passed	2010/11/29	Lab 3	E01
8.4.4.1; FDD5, TL, VH	A		Passed	2010/11/24	Lab 3	E01
8.4.4.1; FDD5, TL, VL	A		Passed	2010/11/24	Lab 3	E01

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8.4.4.2 E-TFC restriction in UE - 2ms TTI E-DCH E-TFC restriction					
8.4.4.2; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.4.4.2; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.4.4.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.4.4.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.4.4.2; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.4.4.2; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.4.4.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.4.4.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.4.4.2; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.4.4.2; FDD5, TH, VL	A	Passed	2010/11/29	Lab 3	E01
8.4.4.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.4.4.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.5.1 UE Transmit Timing					
8.5.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.6.1.1A FDD intra frequency measurements, Event triggered reporting in AWGN propagation conditions (Rel-4 and later)					
8.6.1.1A; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.6.1.2A FDD intra frequency measurements, Event triggered reporting of multiple neighbours in AWGN propagation condition (Rel-4 and later)					
8.6.1.2A; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.1.3A FDD intra frequency measurements, Event triggered reporting of two detectable neighbours in AWGN propagation condition (Rel-4 and later)					
8.6.1.3A; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.1.4A FDD intra frequency measurements, Correct reporting of neighbours in fading propagation condition (Rel-4 and later)					
8.6.1.4A; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.6.2.1A Correct reporting of neighbours in AWGN propagation condition (Release 6 and later)					
8.6.2.1A; FDD1, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.2.1A; FDD2, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.2.1A; FDD5, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.2.2A Correct reporting of neighbours in fading propagation condition (Release 6 and later)					
8.6.2.2A; FDD1, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.2.2A; FDD2, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.2.2A; FDD5, TN, VN	A	Passed	2010/11/24	Lab 3	E01
8.6.2.3 Correct reporting of neighbours in fading propagation condition using TGL1=14					
8.6.2.3; FDD1, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.4.1.1 GSM measurements, Correct reporting of GSM neighbours in AWGN propagation condition (Test1)					
8.6.4.1; FDD1/1800, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD1/900, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD2/1900, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD2/850, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD5/1900, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD5/850, TN, VN, TEST 1	A	Passed	2010/12/02	Lab 5	A01

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
8.6.4.1.2 GSM measurements, Correct reporting of GSM neighbours in AWGN propagation condition (Test2)					
8.6.4.1; FDD1/1800, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD1/900, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD2/1900, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD2/850, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD5/1900, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.4.1; FDD5/850, TN, VN, TEST 2	A	Passed	2010/12/02	Lab 5	A01
8.6.5.1 Combined Interfrequency and GSM measurements - Correct reporting of neighbours in AWGN propagation condition					
8.6.5.1; FDD1/1800, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.5.1; FDD1/900, TN, VN	A	Passed	2010/12/15	Lab 5	M02
8.6.5.1; FDD2/1900, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.5.1; FDD2/850, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.5.1; FDD5/1900, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.6.5.1; FDD5/850, TN, VN	A	Passed	2010/12/03	Lab 5	A01
8.7.1.1.1 CPICH RSCP, Intra frequency measurements accuracy, Absolute accuracy requirement					
8.7.1.1.1; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.1; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.1; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.1; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.1; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.1; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.1; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.1; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.1; FDD5, TH, VH	A	Passed	2010/12/07	Lab 5	A01
8.7.1.1.1; FDD5, TH, VL	A	Passed	2010/12/07	Lab 5	A01
8.7.1.1.1; FDD5, TL, VH	A	Passed	2010/12/06	Lab 5	A01
8.7.1.1.1; FDD5, TL, VL	A	Passed	2010/12/06	Lab 5	A01
8.7.1.1.1; FDD8, TH, VH	A	Passed	2010/12/07	Lab 5	A01
8.7.1.1.1; FDD8, TH, VL	A	Passed	2010/12/07	Lab 5	A01
8.7.1.1.1; FDD8, TL, VH	A	Passed	2010/12/06	Lab 5	A01
8.7.1.1.1; FDD8, TL, VL	A	Passed	2010/12/06	Lab 5	A01
8.7.1.1.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.1.1.2 CPICH RSCP, Intra frequency measurements accuracy, Relative accuracy requirement					
8.7.1.1.2; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD8, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD8, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.1.2; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.1.2; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01

Test Case Identifier / Name			Lab		
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
8.7.1.2.1 CPICH RSCP, Inter frequency measurement accuracy, Relative accuracy requirement					
8.7.1.2.1; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD8, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD8, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.1.2.1; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.1.2.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.2.1.1 CPICH Ec/Io, Intra frequency measurements accuracy, Absolute accuracy requirement					
8.7.2.1.1; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD8, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD8, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.1; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01

Test Case Identifier / Name			Lab		
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
8.7.2.1.2 CPICH Ec/Io, Intra frequency measurements accuracy, Relative accuracy requirement					
8.7.2.1.2; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD8, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD8, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.1.2; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.1.2; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.2.2.2 Relative accuracy requirement					
8.7.2.2.2; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD8, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD8, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.2.2.2; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.2.2.2; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
8.7.3.1 UTRA Carrier RSSI, Absolute measurement accuracy requirement					
8.7.3.1; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.3.1; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD8, TH, VH	A	Passed	2010/11/29	Lab 3	F01
8.7.3.1; FDD8, TH, VL	A	Passed	2010/11/29	Lab 3	F01
8.7.3.1; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.3.2 UTRA Carrier RSSI, Relative measurement accuracy requirement					
8.7.3.2; FDD1, TH, VH	A	Passed	2010/11/29	Lab 3	F01
8.7.3.2; FDD1, TH, VL	A	Passed	2010/11/29	Lab 3	F01
8.7.3.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.2; FDD2, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3.2; FDD2, TH, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3.2; FDD5, TH, VH	A	Passed	2010/11/29	Lab 3	F01
8.7.3.2; FDD5, TH, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.3.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.3A GSM Carrier RSSI					
8.7.3A; FDD1/1800, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD1/1800, TL, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD1/900, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD1/900, TL, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD2/1900, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD2/1900, TL, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD2/850, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD2/850, TL, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD5/1900, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD5/1900, TL, VL	A	Passed	2010/12/06	Lab 5	A01
8.7.3A; FDD5/850, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.3A; FDD5/850, TL, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.3D UE transmitted power (Rel-5 and later)					
8.7.3D; FDD2, TH, VH	A	Passed	2010/12/08	Lab 5	A01
8.7.3D; FDD2, TH, VL	A	Passed	2010/12/08	Lab 5	A01
8.7.3D; FDD2, TL, VH	A	Passed	2010/12/08	Lab 5	A01
8.7.3D; FDD2, TL, VL	A	Passed	2010/12/08	Lab 5	A01

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
8.7.4.1 SFN-CFN observed time difference, Intra frequency measurement requirement					
8.7.4.1; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.1; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD8, TH, VH	A	Passed	2010/11/29	Lab 3	F01
8.7.4.1; FDD8, TH, VL	A	Passed	2010/11/29	Lab 3	F01
8.7.4.1; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.4.2 SFN-CFN observed time difference, Inter frequency measurement requirement					
8.7.4.2; FDD1, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD1, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD1, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD1, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD2, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD2, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD2, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD2, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD5, TH, VH	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD5, TH, VL	A	Passed	2010/11/25	Lab 3	E01
8.7.4.2; FDD5, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD5, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD8, TH, VH	A	Passed	2010/12/02	Lab 3	C01
8.7.4.2; FDD8, TH, VL	A	Passed	2010/12/02	Lab 3	C01
8.7.4.2; FDD8, TL, VH	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD8, TL, VL	A	Passed	2010/11/24	Lab 3	E01
8.7.4.2; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.5.1 SFN-SFN observed time difference type 1					
8.7.5.1; FDD1, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.5.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.5.1; FDD5, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.5.1; FDD8, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.6.1A UE Rx-Tx time difference type 1 (Release 6 and later)					
8.7.6.1A; FDD1, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.6.1A; FDD2, TN, VN	A	Passed	2010/11/23	Lab 3	C01
8.7.6.1A; FDD5, TN, VN	A	Passed	2010/11/23	Lab 3	C01

Test Case Identifier / Name					Reference: 4-RC102b-2010	
Test (condition)					Lab	
	Cat	Result	Date of Test	Ref.	Setup	
8.7.9 UE Transmission Power Headroom						
8.7.9; FDD1, TH, VH	A	Passed	2010/12/07	Lab 5	A01	
8.7.9; FDD1, TH, VL	A	Passed	2010/12/07	Lab 5	A01	
8.7.9; FDD1, TL, VH	A	Passed	2010/12/03	Lab 5	A01	
8.7.9; FDD1, TL, VL	A	Passed	2010/12/03	Lab 5	A01	
8.7.9; FDD2, TH, VH	A	Passed	2010/12/07	Lab 5	A01	
8.7.9; FDD2, TH, VL	A	Passed	2010/12/21	Lab 5	M02	
8.7.9; FDD2, TL, VH	A	Passed	2010/12/03	Lab 5	A01	
8.7.9; FDD2, TL, VL	A	Passed	2010/12/03	Lab 5	A01	
8.7.9; FDD5, TH, VH	A	Passed	2010/12/07	Lab 5	A01	
8.7.9; FDD5, TH, VL	A	Passed	2010/12/07	Lab 5	A01	
8.7.9; FDD5, TL, VH	A	Passed	2010/12/03	Lab 5	A01	
8.7.9; FDD5, TL, VL	A	Passed	2010/12/03	Lab 5	A01	
9.2.1A Single Link Performance - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3						
9.2.1A; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1A; FDD2, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1A; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1B Single Link Performance - QPSK, Fixed Reference Channel (FRC) H-Set 4/5						
9.2.1B; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1B; FDD2, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1B; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1D Single Link Performance - Enhanced Performance Requirements Type 1 - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3						
9.2.1D; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1D; FDD2, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
9.2.1D; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1E Single Link Performance - Enhanced Performance Requirements Type 1- QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 6/3						
9.2.1E; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1E; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1E; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1F Single Link Performance - Enhanced Performance Requirements Type 2 - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 6/3						
9.2.1F; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1F; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1F; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.2.1H Single Link Performance - Enhanced Performance Requirements Type 2 - 64QAM, Fixed Reference Channel (FRC) H-Set 8						
9.2.1H; FDD1, TN, VN	A	Passed	2010/11/29	Lab 5	H01	
		footnote: 1				
9.2.1H; FDD5, TN, VN	A	Passed	2010/11/29	Lab 5	H01	
		footnote: 1				
9.2.1I Single Link Performance - Enhanced Performance Requirements Type 3 - 64QAM, Fixed Reference Channel (FRC) H-Set 8						
9.2.1I; FDD1, TN, VN	A	Passed	2010/11/29	Lab 5	H01	
		footnote: 1				
9.2.2B Open Loop Diversity Performance - QPSK, Fixed Reference Channel (FRC) H-Set 4/5						
9.2.2B; FDD1, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
9.2.2B; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
9.2.2B; FDD5, TN, VN	A	Passed	2010/12/02	Lab 5	A01	

Test Case Identifier / Name				Reference: 4-RC102b-2010	
Test (condition)				Lab	
				Ref.	Setup
9.2.2C Open Loop Diversity Performance - Enhanced Performance Requirements Type 1 - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3					
9.2.2C; FDD1	A	Passed	2010/12/02	Lab 5	B01
9.2.2C; FDD2	A	Passed	2010/12/02	Lab 5	B01
9.2.2C; FDD5	A	Passed	2010/12/02	Lab 5	B01
9.2.2D Open Loop Diversity Performance - Enhanced Performance Requirements Type 2 - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 3					
9.2.2D; FDD1, TN, VN	A	Passed	2010/11/25	Lab 5	A01
9.2.2D; FDD2, TN, VN	A	Passed	2010/12/01	Lab 5	A01
9.2.2D; FDD5, TN, VN	A	Passed	2010/12/01	Lab 5	A01
9.2.3B Closed Loop Diversity Performance - QPSK, Fixed Reference Channel (FRC) H-Set 4/5					
9.2.3B; FDD1, TN, VN	A	Passed	2010/12/02	Lab 5	A01
9.2.3B; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01
9.2.3B; FDD5, TN, VN	A	Passed	2010/12/02	Lab 5	A01
9.2.3C Closed Loop Diversity Performance Enhanced Performance Requirements Type 1, QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3					
9.2.3C; FDD1	A	Passed	2010/12/02	Lab 5	B01
9.2.3C; FDD2	A	Passed	2010/12/02	Lab 5	B01
9.2.3C; FDD5	A	Passed	2010/12/02	Lab 5	B01
9.2.3D Closed Loop Diversity Performance - Enhanced Performance Requirements Type 2 - QPSK/16QAM, Fixed Reference Channel (FRC) H-Set 6/3					
9.2.3D; FDD1, TN, VN	A	Passed	2010/11/25	Lab 5	A01
9.2.3D; FDD2, TN, VN	A	Passed	2010/12/01	Lab 5	A01
9.2.3D; FDD5, TN, VN	A	Passed	2010/12/01	Lab 5	A01
9.3.1 AWGN Propagation Conditions - Single link					
9.3.1; FDD1, TN, VN	A	Passed	2010/11/25	Lab 2	F01
9.3.1; FDD2, TN, VN	A	Passed	2010/11/25	Lab 2	F01
9.3.1; FDD5, TN, VN	A	Passed	2010/11/25	Lab 2	F01
9.3.1A Single Link Performance - AWGN Propagation Conditions, 64QAM					
9.3.1A; FDD1, TN, VN	A	Passed	2010/11/29	Lab 5	H01
footnote: 1					
9.3.2 Fading Propagation Conditions - Single link					
9.3.2; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.2; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.2; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.3 Open Loop Diversity Performance - AWGN Propagation Conditions					
9.3.3; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.3; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.3; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.4 Open Loop Diversity Performance - Fading Propagation Conditions					
9.3.4; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.4; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.4; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.5 Closed Loop Diversity Performance - AWGN Propagation Conditions					
9.3.5; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.5; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.5; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.6 Closed Loop Diversity Performance - Fading Propagation Conditions					
9.3.6; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.6; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01
9.3.6; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01

Test Case Identifier / Name					Reference: 4-RC102b-2010	
Test (condition)					Lab	
					Ref.	Setup
9.4.1 Single Link Performance						
9.4.1; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
9.4.1; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
9.4.1; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
9.4.1a Single Link Performance - Enhanced Performance Requirements Type 1						
9.4.1a; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.4.1a; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.4.1a; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
9.4.2 Open Loop Diversity Performance						
9.4.2; FDD1, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
9.4.2; FDD2, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
9.4.2; FDD5, TN, VN	A	Passed	2010/11/26	Lab 2	F01	
10.2.1.1 Detection of E-DCH HARQ ACK Indicator Channel (E-HICH) - Single link performance (10ms TTI)						
10.2.1.1; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.1.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.1.1; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.1.2 Detection of E-DCH HARQ ACK Indicator Channel (E-HICH) - Single link performance (2ms TTI)						
10.2.1.2; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.1.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.2.1.2; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.2.1.1 RLS not containing the Serving E-DCH cell (10ms TTI)						
10.2.2.1.1; FDD1, TN, VN	A	Passed	2010/11/29	Lab 2	E01	
10.2.2.1.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.2.2.1.1; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.2.1.2 RLS not containing the Serving E-DCH cell (2ms TTI)						
10.2.2.1.2; FDD1, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
10.2.2.1.2; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
10.2.2.1.2; FDD5, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
10.2.2.2.1 RLS containing the Serving E-DCH cell (10ms TTI)						
10.2.2.2.1; FDD1, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.2.2.1; FDD2, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.2.2.1; FDD5, TN, VN	A	Passed	2010/11/23	Lab 2	F01	
10.2.2.2.2 RLS containing the Serving E-DCH cell (2ms TTI)						
10.2.2.2.2; FDD1, TN, VN	A	Passed	2010/11/29	Lab 2	E01	
10.2.2.2.2; FDD2, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
10.2.2.2.2; FDD5, TN, VN	A	Passed	2010/12/02	Lab 5	A01	
10.3.1.1 Detection of E-DCH Relative Grant Channel (E-RGCH) - Single link performance (10ms TTI)						
10.3.1.1; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.1.2 Detection of E-DCH Relative Grant Channel (E-RGCH) - Single link performance (2ms TTI)						
10.3.1.2; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.1.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.1.2; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.2 Detection in Inter-Cell Handover conditions						
10.3.2; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.2; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01	
10.3.2; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01	

Test Case Identifier / Name				Lab	
Test (condition)	Cat	Result	Date of Test	Ref.	Setup
10.4.1 Demodulation of E-DCH Absolute Grant Channel (E-AGCH) - Single link performance					
10.4.1; FDD1, TN, VN	A	Passed	2010/11/24	Lab 2	F01
10.4.1; FDD2, TN, VN	A	Passed	2010/11/24	Lab 2	F01
10.4.1; FDD5, TN, VN	A	Passed	2010/11/24	Lab 2	F01
Test Specification: 3GPP TS 34.123-1					
6.1.2.1a Cell reselection for inter-band operation					
6.1.2.1a; FDD1/FDD8, TN, VN, ST1, ST3	A	Passed	2010/11/29	Lab 1	G01
6.1.2.10a HCS inter-frequency cell reselection for inter-band operation					
6.1.2.10a; FDD1/FDD8, TN, VN, ST1, ST3	A	Passed	2010/11/29	Lab 1	G01
6.2.1.8a.1 Selection of RAT for OPLMN; Different ITU regions; Automatic mode					
6.2.1.8a.1; FDD2/1800/FDD5	E	Passed	2010/12/06	Lab 4	D01
6.2.1.8a.2 Selection of RAT for OPLMN; Different ITU regions; Limited service; Automatic mode					
6.2.1.8a.2; FDD2/900/FDD5	E	Passed	2010/12/06	Lab 4	D01
7.1.6.3.2 MAC-es/e transport block size selection/ UL QPSK					
7.1.6.3.2; FDD2, TN, VN, ST3	E	Passed	2010/12/06	Lab 4	D01
8.1.2.10a RRC connection establishment in CELL_DCH on another frequency in a different frequency band					
8.1.2.10a; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/11/29	Lab 1	G01
8.1.2.10a; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/11/29	Lab 1	G01
8.2.1.24a Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH (Inter band handover): Success					
8.2.1.24a; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/12/06	Lab 4	D01
8.2.1.24a; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/09	Lab 4	D01
8.2.1.34a Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Success (Unsynchronised RL Reconfiguration with inter band handover)					
8.2.1.34a; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/12/06	Lab 4	D01
8.2.1.34a; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/09	Lab 4	D01
8.2.6.37b Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover to another frequency band cell with timing re-initialised)					
8.2.6.37b; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/12/06	Lab 4	D01
8.2.6.37b; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/08	Lab 1	G01
8.3.1.1a Cell Update: cell reselection in CELL_FACH (Cells belong to different frequency bands)					
8.3.1.1a; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/09	Lab 4	D01
8.3.2.1a URA Update: Change of URA (Cells belong to different frequency bands)					
8.3.2.1a; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/08	Lab 1	G01
8.4.1.2B Measurement Control and Report: Inter-band measurement for transition from idle mode to CELL_DCH state (FDD)					
8.4.1.2B; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/11/29	Lab 1	G01
8.4.1.2B; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/08	Lab 1	G01
8.4.1.24A Measurement Control and Report: Inter-band measurement for event 2A					
8.4.1.24A; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/11/29	Lab 1	G01
8.4.1.24A; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/08	Lab 1	G01
8.4.1.25A Measurement Control and Report: Inter-band measurement for events 2B and 2E					
8.4.1.25A; FDD1/FDD8, TN, VN, ST1	A	Passed	2010/11/29	Lab 1	G01
8.4.1.25A; FDD1/FDD8, TN, VN, ST3	A	Passed	2010/12/08	Lab 1	G01
17.2.3.3 LCS Mobile originated location request/ UE-Based or UE-Assisted GPS/ Assistance data request/ Success					
17.2.3.3; FDD2, TN, VN, ST1	A	Passed	2010/12/06	Lab 6	H01

Test Case Identifier / Name	Cat	Result	Date of Test	Lab	Setup
Test (condition)				Ref.	

17.2.3.8 LCS Mobile originated location request/ UE-Based or UE-Assisted GPS/ Assistance data request/ Failure

17.2.3.8; FDD2, TN, VN, ST1	A	Passed	2010/12/06	Lab 6	H01
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Test Specification: 3GPP TS 34.171

5.2.1 Sensitivity Coarse Time Assistance

5.2.1; FDD1, MS-Assisted	A	Passed	2010/12/06	Lab 6	H01
5.2.1; FDD1, MS-Based	A	Passed	2010/12/07	Lab 6	H01
5.2.1; FDD2, MS-Assisted	A	Passed	2010/12/09	Lab 6	H01
5.2.1; FDD2, MS-Based	A	Passed	2010/12/09	Lab 6	H01
5.2.1; FDD5, MS-Assisted	A	Passed	2010/12/10	Lab 6	H01
5.2.1; FDD5, MS-Based	A	Passed	2010/12/10	Lab 6	H01

5.3 Nominal Accuracy

5.3; FDD2, MS-Assisted	A	Passed	2010/12/10	Lab 6	H01
5.3; FDD2, MS-Based	A	Passed	2010/12/10	Lab 6	H01

5.4 Dynamic Range

5.4; FDD2, MS-Assisted	A	Passed	2010/12/10	Lab 6	H01
5.4; FDD2, MS-Based	A	Passed	2010/12/10	Lab 6	H01

5.5 Multi-path Performance

5.5; FDD2, MS-Assisted	A	Passed	2010/12/10	Lab 6	H01
5.5; FDD2, MS-Based	A	Passed	2010/12/10	Lab 6	H01

5.6 Moving Scenario and Periodic Update Performance

5.6; FDD2, MS-Assisted	A	Passed	2010/12/09	Lab 6	H01
5.6; FDD2, MS-Based	A	Passed	2010/12/09	Lab 6	H01

3.5 Detailed Footnotes

No.	Description
1	Footnote: Refer to test report 2010FTA656C.

4 Test Equipment Details

4.1 List of Used Test Equipment

The calibration, hardware and software states are shown for the testing period.

Test Equipment Anite SAT6 (A)(E) WCDMA

Lab ID:	Lab 4		
Description:	Conformance Test System		
Type:	Anite SAT6 (A)(E)		
Serial Number:	See Single Devices		
	<i>HW/SW Status</i>	<i>Date of Start</i>	<i>Date of End</i>
	Anite Core Software v12.0	2010/07/08	2010/12/21
	Conformance Toolset (UTRAN) Version 16.0		
	ETSI TTCN Test Cases v 16.0		

	Conformance Toolset (UTRAN) Version 17.0	2010/12/21	
	ETSI TTCN Test Cases v 17.0		

Single Devices for Anite SAT6 (A)(E) WCDMA

Single Device Name	Type	Serial Number	Manufacturer
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360181	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/21	
	HW/SW Status	Date of Start	Date of End
	Agilent 8960 firmware A.05.64	2010/02/01	
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360327	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/24	
	HW/SW Status	Date of Start	Date of End
	Agilent 8960 firmware A.05.64	2010/02/01	
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360397	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/22	
	HW/SW Status	Date of Start	Date of End
	Agilent 8960 firmware A.05.64	2010/02/01	
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360425	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/22	
	HW/SW Status	Date of Start	Date of End
	Agilent 8960 firmware A.05.64	2010/02/01	
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360447	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/18	
	HW/SW Status	Date of Start	Date of End
	Agilent 8960 firmware A.05.64	2010/02/01	
Agilent 8960 Series 10 digital radio test set	8960 Series 10	GB45360457	Agilent
	Calibration Details	Last Execution	
	single device calibration	2008/04/22	
	HW/SW Status	Date of Start	Date of End

Single Devices for Anite SAT6 (A)(E) WCDMA (continued)

Single Device Name	Type	Serial Number	Manufacturer
Anite B4605/100 RF Combiner	Agilent 8960 firmware A.05.64		2010/02/01
	B4605/100	1165	Anite Telecoms Ltd
	Calibration Details		Last Execution
	Calibration		2008/04/23
	HW/SW Status		Date of Start Date of End
	Anite CRMP Firmware V16.0		2010/07/08

Test Equipment CRTU-RRM - CTTL
Lab ID:

Manufacturer:

Description:

Type:

Lab 3

Rohde & Schwarz GmbH & Co. KG

WCDMA Protocol Test Protocol Unit

CRTU-RRM

HW/SW Status

v5.10 S
erver: 4v12
Stack: 6v11
Tools: 4v13
MDDb: 16v00

Date of Start

Date of End

2009/03/21

Single Devices for CRTU-RRM - CTTL

Single Device Name	Type	Serial Number	Manufacturer
ABFS	ABFS	100027	Rohde & Schwarz GmbH & Co. KG
CRTU-M	CRTU-M	100049	Rohde & Schwarz GmbH & Co. KG
CRTU-PU	CRTU-PU	100013	Rohde & Schwarz GmbH & Co. KG
	HW/SW Status		Date of Start Date of End
	WC5.02		2007/03/20
CRTU-S	CRTU-S	100196	Rohde & Schwarz GmbH & Co. KG
FSU3	FSU3	200060	Rohde & Schwarz GmbH & Co. KG

Test Equipment ME7873/4F

Lab ID: Lab 5
Manufacturer: Anritsu
Description: W-CDMA Trx/Perf/RRM/HSDPA RF Test System
Type: ME7873/4F
Serial Number: 6200322027

HW/SW Status	Date of Start	Date of End
Platform: v5.7.2	2006/07/18	
MCTS (TRx, Perf, RRM & HSDPA): v6.7.3		

Single Devices for ME7873/4F

Single Device Name	Type	Serial Number	Manufacturer		
Digital Mobile Radio Transmitter Tester (9kHz-13.2GHz)	MS8609A	6200275284	Anritsu		
	HW/SW Status			Date of Start	Date of End
	Core: v4.8 (MX860901B) W-CDMA: v4.2 (MX860901A) Uplink Measurement: v4.01b			2006/07/18	
Digital Modulation Signal Generator (250kHz-3GHz)	MG3681A	6200468795	Anritsu		
Error Rate Tester	MP1201C	6200267999	Anritsu		
Filter Unit for 1960/1880MHz	MN7464B1	6200536529	Anritsu		
Filter Unit for 2140/1950MHz	MN7464A	6200528573	Anritsu		
Filter Unit for 882/837MHz	MN7464A2	6200528572	Anritsu		
RF Combiner Unit	MN7463A	6200528574	Anritsu		
RF Interface Unit	MN7462A	6200536530	Anritsu		
RF Switch Driver Unit	ME7416B	6200322030	Anritsu		
RF Switch Driver Unit	MN7451A	6200524961	Anritsu		
RF Switch Unit	MN7465A	6200568958	Anritsu		
Shield Box	MA8120A	6200261196	Anritsu		
Signal Generator (20GHz)	MG3692A	041702	Anritsu		
Synthesized Signal Generator (0.01-2700MHz)	MG3633A	6200298339	Anritsu		
Vector Signal Generator (250kHz-3GHz)	MG3700A	6200519168	Anritsu		
W-CDMA Signalling Tester	MD8480C	6200524121	Anritsu		
	HW/SW Status			Date of Start	Date of End
	Firmware (MX848001C): V5.50d_s1 FPGA (MX848002C): V5.50c_DL1_s1 Control (MX848000C): V5.50d1 TDMA (MX848005B): V5.50c			2006/07/18	
Wideband Radio Channel Simulator	PROPSim C2	203270	Anritsu		

Test Equipment R&S CRTU-W

Lab ID: **Lab 1**
Manufacturer: Rohde & Schwarz GmbH & Co. KG
Description: WCDMA Protocol Test Protocol Unit
Type: CRTU-W

Single Devices for R&S CRTU-W

Single Device Name	Type	Serial Number	Manufacturer	
CRTU-PU	CRTU-PU	100013	Rohde & Schwarz GmbH & Co. KG	
	HW/SW Status			
	WC6.74		Date of Start	Date of End
	Stack: 10v09		2009/04/21	
	Tools: 5v70			
	MDDb: 20v02			
CRTU-RU	CRTU-RU	100002	Rohde & Schwarz GmbH & Co. KG	

Test Equipment R&S TS8950W - CTTL

Lab ID:	Lab 2		
Manufacturer:	Rohde & Schwarz GmbH & Co. KG		
Description:	WCDMA RF Conformance Test System		
Type:	TS8950W		
Serial Number:	100017		
	<i>HW/SW Status</i>	<i>Date of Start</i>	<i>Date of End</i>
	part v6.45	2009/02/21	
	commom v10.32		
	crtu-wss v6.45		

Single Devices for R&S TS8950W - CTTL

<i>Single Device Name</i>	<i>Type</i>	<i>Serial Number</i>	<i>Manufacturer</i>
Advanced Signal Coniditoning Unit	ASCU-F5	100020	Rohde & Schwarz GmbH & Co. KG
Advanced Signal Coniditoning Unit	ASCU-F6E	100013	Rohde & Schwarz GmbH & Co. KG
Advanced Signal Coniditoning Unit	ASCUFDDI+II	100007	Rohde & Schwarz GmbH & Co. KG
CRTU WCDMA multichannel extension unit	CRTU-M	100062	Rohde & Schwarz GmbH & Co. KG
Fading Simulator	SMU 200A	101793	Rohde & Schwarz GmbH & Co. KG
Microwave Generator	SMP22	100040	Rohde & Schwarz GmbH & Co. KG
Power Meter	NRVD	100555	Rohde & Schwarz GmbH & Co. KG
Power Senser	NRV-Z1	100040	Rohde & Schwarz GmbH & Co. KG
Power Senser	NRV-Z1	100129	Rohde & Schwarz GmbH & Co. KG
Programmable power supplywith	CS-PSSU	100027	Rohde & Schwarz GmbH & Co. KG
Programmable power supplywith	NGSM32/10	3752	Rohde & Schwarz GmbH & Co. KG
Radidium Frequency Standard	DATUM 8040	'0122005145	Rohde & Schwarz GmbH & Co. KG
RF Distribution	DATUM 6502	'0143005261	Rohde & Schwarz GmbH & Co. KG
Signal Generator	SMU 200A	101794	Rohde & Schwarz GmbH & Co. KG
Spectrum Analyzer	FSU26	100082	Rohde & Schwarz GmbH & Co. KG

Test Equipment Spirent Communications

Lab ID:
Lab 6

Manufacturer:

Spirent Communications, Inc

Description:

Spirent Communications

Type:

ULTS-ALL-CPUP-AX

HW/SW Status

Date of Start

Date of End

ULTS-ALL-CPUP-AX

2008/10/06

Test Drive ULTS: V5.0.108.0

2008/10/06

Air Access HS (GSM): V1.01.106

Spirent SMLC Emulator: V5.00.108

SimGEN: V2.83 SR04

TS 51.010 SC (Conformance): V1.0.4

Test Drive ULTS: 5.0.108.0

Air Access WCDMA-HS: 4.01.101

Air Access HS (GSM): 1.02.100

Spirent SMLC Emulator: 5.00.108

SimGen: 2.83 SR04

Test Equipment Vibration Table

Lab ID:
Lab 2

Manufacturer:

LDS Test and Measurement Ltd.

Description:

Vibration Table

Single Devices for Vibration Table

Single Device Name	Type	Serial Number	Manufacturer
Amplifier	PA500L CE	N450	LDS Test and Measurement Ltd.
Vibrator	V406	10520/3	LDS Test and Measurement Ltd.

5 Annex

5.1 Additional Information for OUT Description

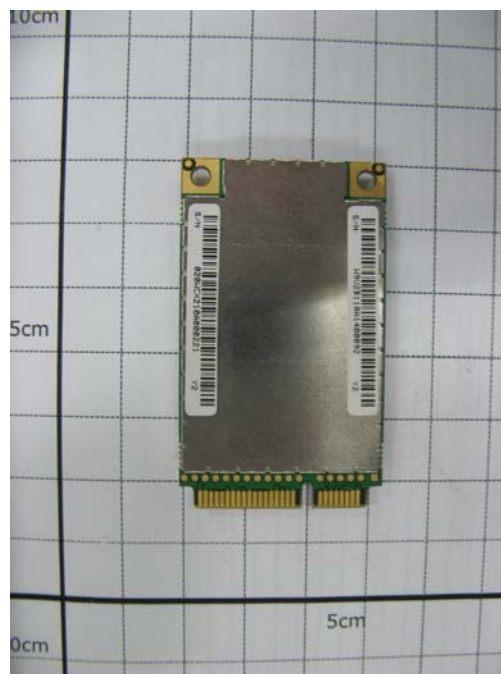
Annex A

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Photos of OUT



1. Front View of OUT



2. Back View of OUT

5.2 Additional Information for Report

5.2.1 Assessment of Project

Annex B

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Assessment of Project

1 General

The Huawei Technologies Co.,Ltd.'s GSM/GPRS/EDGE/WCDMA/HSDPA/HSUPA/HSPA+ 900/1800/850/1900/FDDI/FDDII/FDDV/FDDVIII terminal equipment type EM820W is a new member of the Huawei Technologies Co.,Ltd.'s type family. And it is based on the already type tested Huawei's GSM/GPRS/EDGE/WCDMA/HSDPA/HSUPA/HSPA+ 900/1800/850/1900/FDDI/FDDII/FDDIV/FDDV terminal equipment type EM820U as referenced in Test Report 4-RC077b-2010.

ritt7layers has generated this Conformity Assessment Report in order to confirm the successful evaluation of all product changes against Product EM820W which are explained within this document.

During the assessment process, all available documentation has been reviewed.

2 Technical Assessment

(1) Technical Assessment of Software Changes

The software of the terminal equipment type EM820W is based on EM820U.

The main software changes are:

- EM820W adds A-GPS function.

The previous software version of EM820W was:

11.808.07.00.00

The final software version is: 11.808.07.03.00

Official software version number is 11.808.07.03.00 for EM820W.

The decision to repeat specific tests was made according to the ritt7layers technical assessment of the applicant software changing documentation and the declaration of conformity.

The results are listed in the referenced Test Report(s).

(2) Technical Assessment of Hardware

The hardware of the terminal equipment type EM820W based on EM820U.

The main changes of Hardware are:

- EM820W adds the componet which supports the new band FDDVIII.
- Change the PCB's layout

The decision to repeat specific tests was made according to the ritt7layers technical assessment of the applicant hardware changing documentation.

The results are listed in the referenced Test Report(s).

3 Assessment Summary

As the result of the assessment, ritt7layers assumes that the product conformity of the GSM/GPRS/EDGE/WCDMA/HSDPA/HSUPA/HSPA+ 900/1800/850/1900/FDDI/FDDII/FDDV/FDDVIII terminal equipment type

EM820W

With Hardware version: MD1EM820WM, Basic Software version: 11.808.07.03.00 is valid according to the standards referenced in the related Test Report(s).

ritt7layers maintains the delivered product documentation as a part of the assessment process.

5.2.2 Accreditation Certificate

Annex C

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ISO/IEC 17025

Accreditation Certificate

Deutsche Gesellschaft für Akkreditierung mbH
DGA **Deutsche Gesellschaft für Akkreditierung mbH**
Signatory to the Multilateral Agreements of
EA and ILAC for mutual recognition
represented in the

Deutscher Akkreditierungsrat



Accreditation

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

ritt7layers
Beijing 7 layers Huarui Communications Technology Co., Ltd.
No. 11 Yue Tan Nan Street
Xi Chen District
100045 Beijing
P.R. China

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

Mobile Communications
GSM/DCS/PCS/UMTS

The annex forms part of the certificate and comprises 4 pages.

The accreditation is valid from **2009-12-08** to **2014-11-23**.

DAR registration number: **DGA-PL-192/99-C1**
(This certificate is only valid in relation with the certificate DGA-PL-192/99-02)

Frankfurt, 2009-12-02



Dr. Thomas Facklam
Managing Director

Member in EA, ILAC, IAF

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

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