TEST REPORT

Applicant	:	SIMCom Wireless Solutions Limited
Address of Applicant	:	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai,China
Product Name	:	LTE wireless module
Brand Name	:	SIMCom
Model No.	:	A7605SA-H
Sample acquisition Method	:	Sent by Client
Sample No.	:	E23010013-01#05
FCC ID	:	2AJYU-8BC0001
Standards	:	FCC CFR47 Part 2 (Others refer to chapter 1.4)
Date of Receipt	:	2023-01-05
Date of Test	:	2023-01-06 ~ 2023-03-01
Date of Issue	:	2023-03-01

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by: Shuai Li (Shuai Li) Reviewed by: Jennifer Zhou (Jennifer Zhou) Approved by: Guoyou Chi (Authorized signatory: Guoyou Chi)

Contents

1 General Information

1.1 Testing Laboratory

Company Name	ICAS Testing Technology Service (Shanghai) Co., Ltd.
Address	No.1298 Pingan Rd, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Company Name	SIMCom Wireless Solutions Limited
Address	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai,China
Contact Person	Yongsheng Li
Telephone	+86 21 3252 3134
Email	yongsheng.li@simcom.com
Manufacturer Company Name	SIMCom Wireless Solutions Limited
Address	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai,China
Factory Company Name	SIMCom Wireless Solutions Limited
Address	SIMCom Headquarters Building, Building 3, No.289 Linhong Road, Changning District, Shanghai,China

1.3 Details of EUT

Product Name	LTE wireless module		
Brand Name	SIMCom		
Test Model No.	A7605SA-H		
FCC ID	2AJYU-8BC0001		
Mode of Operation	GSM/GPRS/EDGE 850/1900 WCDMA/HSDPA/HSUPA Band II/V LTE FDD Band 2/4/5/7/66 LTE TDD Band 38/41		
Frequency Range	Band	Tx (MHz)	Rx (MHz)
	GSM 850	824 ~ 849	869 ~ 894
	GSM 1900	1850 ~ 1910	1930 ~ 1990
	WCDMA Band II	1850 ~ 1910	1930 ~ 1990
	WCDMA Band V	824 ~ 849	869 ~ 894
	LTE FDD Band 2	1850 ~ 1910	1930 ~ 1990
	LTE FDD Band 4	1710 ~ 1755	2110 ~ 2155
	LTE FDD Band 5	824 ~ 849	869 ~ 894

	LTE FDD Band 7	2500 ~ 2570	2620 ~ 2690
	LTE TDD Band 38	2570 ~ 2620	2570 ~ 2620
	LTE TDD Band 41	2496 ~ 2690	2496 ~ 2690
	LTE FDD Band 66	1710 ~ 1780	2110 ~ 2180

Modulation Type	GSM/GPRS	GMSK
	EGPRS	8PSK
	WCDMA	QPSK
	HSDPA/HSUPA	QPSK
		16QAM
	LTE	QPSK
		16QAM

Power Class	GSM/GPRS 850: 4 GSM/GPRS 1900: 1 EDGE 850/1900: E2 WCDMA/HSDPA/HSUPA Band II: 3 WCDMA/HSDPA/HSUPA Band V: 3 LTE FDD Band 2: 3 LTE FDD Band 4: 3 LTE FDD Band 5: 3 LTE FDD Band 7: 3 LTE TDD Band 38: 3 LTE TDD Band 41: 3 LTE FDD Band 66: 3
Multislot Class	GPRS/EDGE: 12
Antenna Type	External Antenna
Antenna Gain	GSM/GPRS/EDGE 850: 2.02 dBi GSM/GPRS/EDGE 1900: 2.12 dBi WCDMA/HSDPA/HSUPA Band II: 2.12 dBi WCDMA/HSDPA/HSUPA Band V: 2.02 dBi LTE FDD Band 2: 2.12 dBi LTE FDD Band 4: 3.12 dBi LTE FDD Band 5: 2.02 dBi LTE FDD Band 7: 3.20 dBi LTE TDD Band 38: 1.64 dBi LTE TDD Band 41: 3.20 dBi LTE FDD Band 66: 3.12 dBi
Extreme Temperature Range	-30℃~ +80℃
Hardware version	V1.02
Software version	A7605M7_V5.0
Test SW Version	BL410_R;BL410_E

1.4 Test Methodology

47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
47 CFR Part 22 Subpart H	Public Mobile Services
47 CFR Part 24 Subpart E	Personal Communications Services
47 CFR Part 27	Miscellaneous Wireless Communications Services
ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
ANSI C63.26:2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
KDB 971168 D01 v03	Measurement Guidance for Certification of Licensed Digital Transmitters

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

1.5 Test Verdict

No.	FCC Part No.	Description	Test Result	Verdict
1	2.1046	Conducted RF Output Power	Reporting Only Clause 5.1.1	PASS
2	2.1046 22.913 24.232 27.50	Effective (Isotropic) Radiated Power	Clause 5.1.1	PASS
3	2.1046 24.232(d) 27.50(d)	Peak to Average Radio	Clause 5.1.2	PASS
4	2.1049 22.917 24.238 27.53	Occupied Bandwidth	Clause 5.1.3	PASS
5	2.1055 22.355 24.235 27.54	Frequency Stability	Clause 5.1.4	PASS
6	2.1051 22.917 24.238 27.53	Spurious Emission at Antenna Terminals	Clause 5.1.5	PASS
7	2.1051 22.917	Band Edge	Clause 5.1.6	PASS

	24.238 27.53			
8	2.1051 22.917 24.238 27.53	Field Strength of Spurious Radiation	Clause 5.1.7	PASS

2 Test Condition

2.1 Environmental conditions

Temperature (°C)	18-25
Humidity (%RH)	40-65
Barometric Pressure (mbar)	960-1060

2.2 Test Environments

During the measurement, the environmental conditions were within the listed ranges:

Test Voltage	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.40 V
	HV (High Voltage)	4.20 V
Test Temperature	NT (Normal Temperature)	+25 °C
	LT (Low Temperature)	-30 °C
	HT (High Temperature)	+80 °C

2.3 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020A	MY54101709	2022-08-02	2023-08-01
Spectrum Analyzer	Keysight	N9020B	MY59260184	2022-08-02	2023-08-01
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2022-06-10	2023-06-09
EMI Test Receiver	Rohde & Schwarz	ESPI3	100173	2022-06-10	2023-06-09
EMI Test Receiver	Rohde & Schwarz	ESR7	101911	2022-06-10	2023-06-09
V-network	SCHWARZBECK	NSLK8127	8127-902	2022-06-10	2023-06-09
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	100687	2022-08-02	2023-08-01
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	150835	2022-08-02	2023-08-01
DC Power Supply	ITECH	IT6952A	N/A	2022-06-07	2024-06-06
Temperature Chamber	ESPEC	ECT-2	055239A	2022-12-29	2023-12-28
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2021-06-08	2023-06-07
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2021-06-08	2023-06-07
Loop Antenna	SCHWARZBECK	FMZB 1513	N/A	2022-06-10	2023-06-09

Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2021-06-12	2024-06-11
EMC chamber 9*6*6（L*W*H)	CHANGNING	966	N/A	2022-06-10	2023-06-09
Shielded Room 8*5*4（L*W*H)	CHANGNING	854	N/A	2022-06-10	2023-06-09
Test Software	BL	BL410_E	N/A	N/A	N/A
Test Software	BL	BL410_R	N/A	N/A	N/A

2.4 Measurement Uncertainty

FCC Part No.	Description	Uncertainty
2.1046	Conducted RF Output Power	±0.69dB
2.1046 24.232(d) 27.50(d)	Peak to Average Radio	±0.015%
2.1049 22.917 24.238 27.53	Occupied Bandwidth	±30kHz
2.1055 22.355 24.235 27.54	Frequency Stability	±12Hz
2.1051 22.917 24.238 27.53	Spurious Emission at Antenna Terminals	±2.84dB
2.1051 22.917 24.238 27.53	Band Edge	±2.84dB
2.1051 22.917 24.238 27.53	Field Strength of Spurious Radiation	±5.00dB

3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Test Item	Test Mode	Test Channel		
		LCH	MCH	HCH
Effective (Isotropic) Radiated Power	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EDGE 850	v	v	v
	EDGE 1900	v	v	v
	WCDMA Band II	v	v	v
	WCDMA Band V	v	v	v
	HSDPA Band II	v	v	v
	HSDPA Band V	v	v	v
	HSUPA Band II	v	v	v
	HSUPA Band V	v	v	v
Peak to Average Radio	WCDMA Band II	v	v	v
	WCDMA Band V	v	v	v
Occupied Bandwidth	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EDGE 850	v	v	v
	EDGE 1900	v	v	v
	WCDMA Band II	v	v	v
	WCDMA Band V	v	v	v
Frequency Stability	GSM 850	v	v	v
	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EDGE 850	v	v	v
	EDGE 1900	v	v	v
	WCDMA Band II	v	v	v
	WCDMA Band V	v	v	v
	GSM 850	v	v	v

Spurious Emission at Antenna Terminals	GSM 1900	v	v	v
	GPRS 850	v	v	v
	GPRS 1900	v	v	v
	EDGE 850	v	v	v
	EDGE 1900	v	v	v
	WCDMA Band II	v	v	v
	WCDMA Band V	v	v	v
Band Edge	GSM 850	v	-	v
	GSM 1900	v	-	v
	GPRS 850	v	-	v
	GPRS 1900	v	-	v
	EDGE 850	v	-	v
	EDGE 1900	v	-	v
	WCDMA Band II	v	-	v
	WCDMA Band V	v	-	v
Field Strength of Spurious Radiation	GSM 850	v	-	v
	GSM 1900	v	-	v
	GPRS 850	v	-	v
	GPRS 1900	v	-	v
	EDGE 850	v	-	v
	EDGE 1900	v	-	v
	WCDMA Band II	v	-	v
	WCDMA Band V	v	-	v

Note(s):

The mark ‘v’ means that this configuration is chosen for testing.

Test Item	LTE Band	Bandwidth (MHz)						Modulation Type		RB#			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full	LCH	MCH	HCH
Effective (Isotropic) Radiated Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	n	n	v	v	v	v	v	v	v	v
	7	n	n	v	v	v	v	v	v	v	v	v	v	v	v
	38	n	n	v	v	v	v	v	v	v	v	v	v	v	v
	41	n	n	v	v	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak to Average Radio	2	--	--	--	--	--	v	v	v	v	--	v	v	v	v
	4	--	--	--	--	--	v	v	v	v	--	v	v	v	v
	5	--	--	--	v	n	n	v	v	v	--	v	v	v	v
	7	n	n	--	--	--	v	v	v	v	--	v	v	v	v
	38	n	n	--	--	--	v	v	v	v	--	v	v	v	v
	41	n	n	--	--	--	v	v	v	v	--	v	v	v	v
	66	--	--	--	--	--	v	v	v	v	--	v	v	v	v
Occupied Bandwidth	2	v	v	v	v	v	v	v	v	--	--	v	v	v	v
	4	v	v	v	v	v	v	v	v	--	--	v	v	v	v
	5	v	v	v	v	n	n	v	v	--	--	v	v	v	v
	7	n	n	v	v	v	v	v	v	--	--	v	v	v	v
	38	n	n	v	v	v	v	v	v	--	--	v	v	v	v
	41	n	n	v	v	v	v	v	v	--	--	v	v	v	v
	66	v	v	v	v	v	v	v	v	--	--	v	v	v	v
Frequency Stability	2	--	--	--	v	--	--	v	v	--	--	v	--	v	--
	4	--	--	--	v	--	--	v	v	--	--	v	--	v	--
	5	--	--	--	v	n	n	v	v	--	--	v	--	v	--
	7	n	n	--	v	--	--	v	v	--	--	v	--	v	--
	38	n	n	--	v	--	--	v	v	--	--	v	--	v	--
	41	n	n	--	v	--	--	v	v	--	--	v	--	v	--
	66	--	--	--	v	--	--	v	v	--	--	v	--	v	--
Spurious Emission at Antenna Terminals	2	v	v	v	v	v	v	v	v	v	--	--	v	v	v
	4	v	v	v	v	v	v	v	v	v	--	--	v	v	v
	5	v	v	v	v	n	n	v	v	v	--	--	v	v	v
	7	n	n	v	v	v	v	v	v	v	--	--	v	v	v
	38	n	n	v	v	v	v	v	v	v	--	--	v	v	v
	41	n	n	v	v	v	v	v	v	v	--	--	v	v	v
	66	v	v	v	v	v	v	v	v	v	--	--	v	v	v
Band Edge	2	v	v	v	v	v	v	v	v	v	--	v	v	--	v
	4	v	v	v	v	v	v	v	v	v	--	v	v	--	v
	5	v	v	v	v	n	n	v	v	v	--	v	v	--	v

	7	n	n	v	v	v	v	v	v	v	--	v	v	--	v
	38	n	n	v	v	v	v	v	v	v	--	v	v	--	v
	41	n	n	v	v	v	v	v	v	v	--	v	v	--	v
	66	v	v	v	v	v	v	v	v	v	--	v	v	--	v
Field Strength of Spurious Radiation	2	v	v	v	v	v	v	v	--	v	--	--	--	v	--
	4	v	v	v	v	v	v	v	--	v	--	--	--	v	--
	5	v	v	v	v	n	n	v	--	v	--	--	--	v	--
	7	n	n	v	v	v	v	v	--	v	--	--	--	v	--
	38	n	n	v	v	v	v	v	--	v	--	--	--	v	--
	41	n	n	v	v	v	v	v	--	v	--	--	--	v	--
	66	v	v	v	v	v	v	v	--	v	--	--	--	v	--

Note(s):

The mark ‘v’ means that this configuration is chosen for testing.

The mark ‘n’ means that this bandwidth is not supported.

3.2 Test Setup Diagram

Diagram of Measurement Equipment Configuration for Antenna Port Test

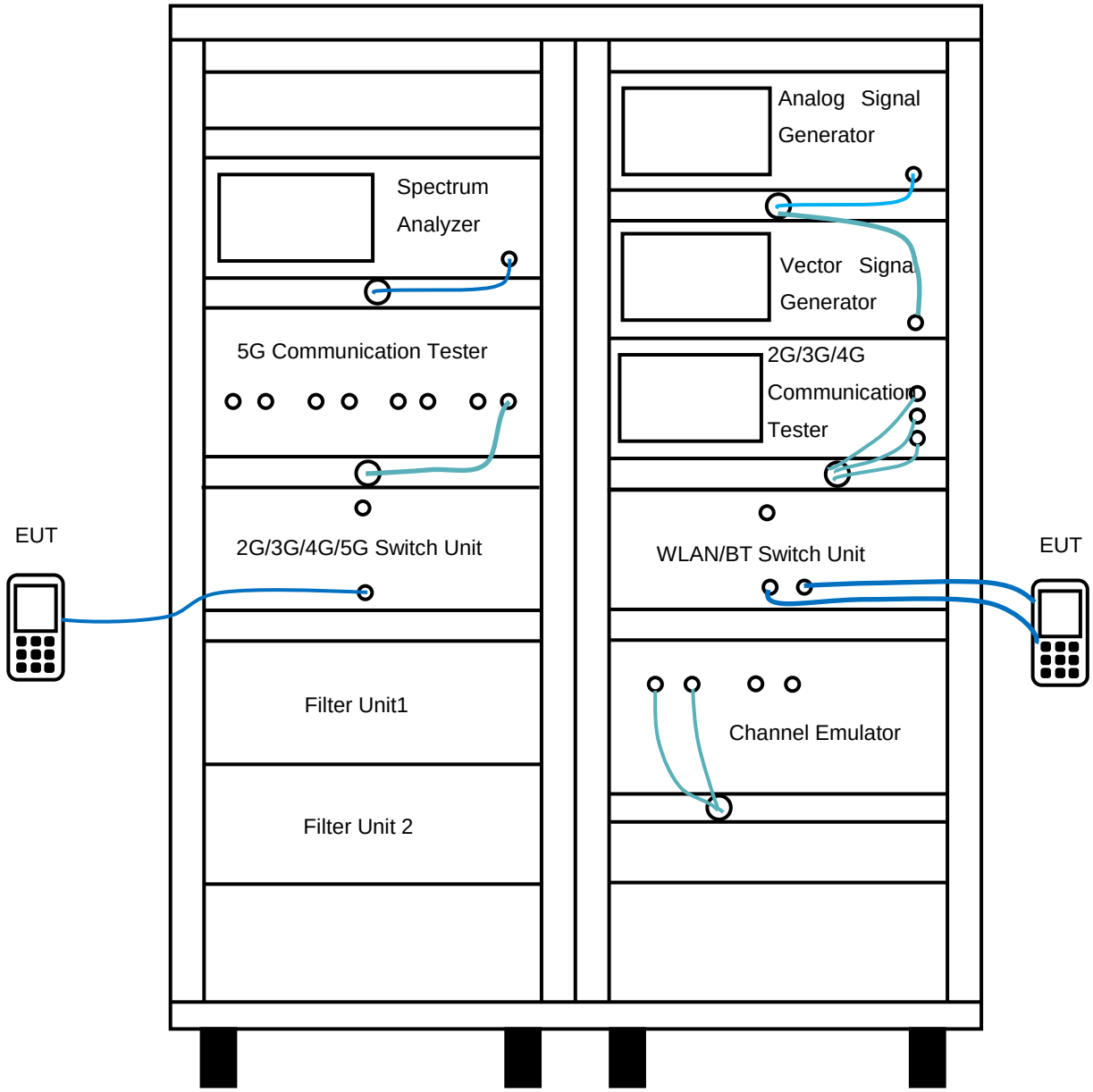
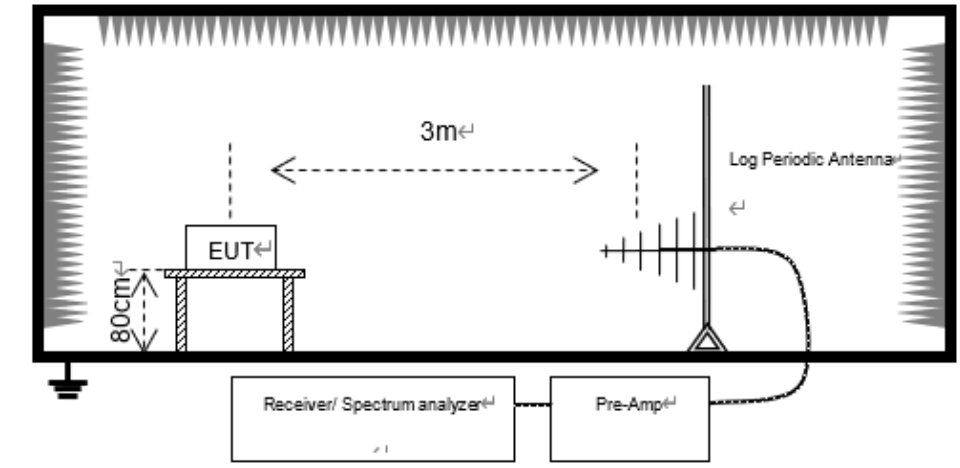
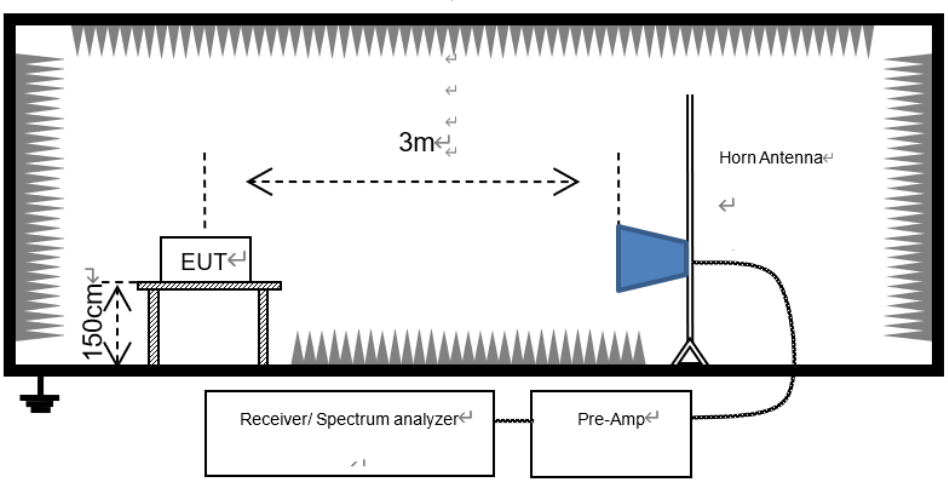


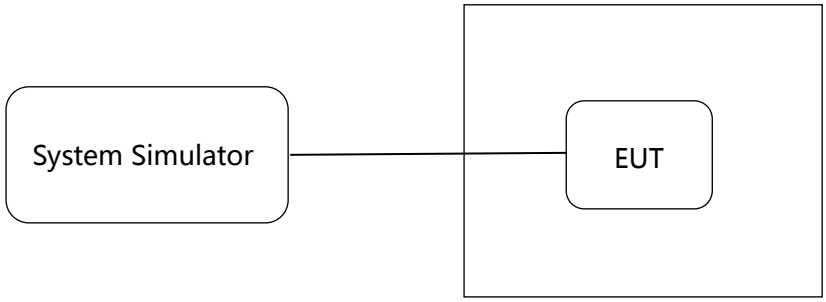
Diagram of Measurement Configuration for Radiation Test





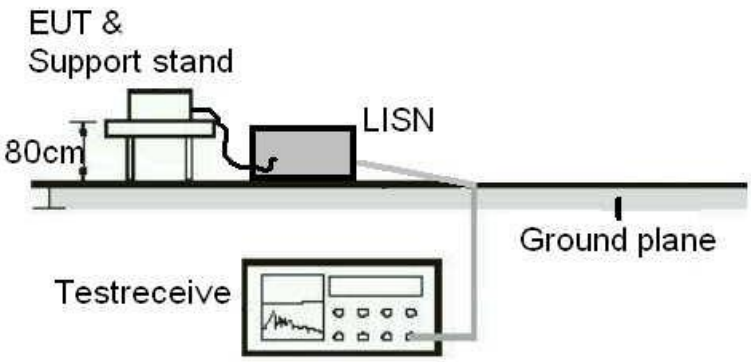
Note: Measurements below 1GHz are done with a table height of 0.8m and above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Configuration for Frequency Stability



Thermal Chamber

Diagram of Measurement Equipment Configuration for Conduction Measurement



4 Test Items

4.1 Transmitter Radiated Power (EIRP/ERP)

4.1.1 Limit

FCC § 2.1046(a) & 22.913(a) & 24.232(c) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h)

According to FCC section 22.913(a) (2), the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 24.232(c), Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(b) (10), portable stations (hand-held devices) transmitting in the 746-757MHz, 776-788MHz, and 805-806MHz bands are limited to 3 watts ERP.

FCC section 27.50(c) (10), portable stations (hand-held devices) in the 698-746MHz band are limited to 3 watts ERP.

FCC section 27.50(d) (4), Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

Fixed, mobile, and portable (hand-held) stations operating in the 2000-2020 MHz band are limited to 2 watts EIRP.

And FCC section 27.50(h) (2), for mobile and other user stations, mobile stations are limited to 2 watts EIRP. All user stations are limited to 2 watts transmitter output power.

4.1.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$EIRP = P_T + G_T - L_C$

$ERP = EIRP - 2.15$

Where:

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:
ERP/EIRP = SA Read Value + Correction Factor
where:
ERP/EIRP = effective or equivalent radiated power in dBm
SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer in dBm
Correction Factor = total correction factor including cable loss in dB

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer, so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

4.1.3 Test Result

Please refer to 5.1.1.

4.2 Peak-to-Average Ratio

4.2.1 Limit

FCC § 2.1046 & 24.232(d) & 27.50(d)

In addition, when the transmitter power is measured in terms of average value, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

According to FCC section 24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with 24.232 (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

For FCC section 24.232(e), peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an RMS equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

According to FCC section 27.50(d), in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

4.2.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

4.2.3 Test Result

Please refer to 5.1.2.

4.3 Occupied Bandwidth

4.3.1 Limit

FCC § 2.1049

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.
Many of the individual rule parts specify a relative OBW in lieu of the 99% OBW. In such cases, the OBW is defined as the width of the signal between two points, one below the carrier center frequency and on above the carrier center frequency, outside of which all emissions are attenuated by at least X dB below the transmitter power, where the value of X is typically specified as 26.

4.3.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace. (this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

4.3.3 Test Result

Please refer to 5.1.3.

4.4 Frequency Stability

4.4.1 Limit

FCC § 2.1055 & 22.355 & 24.235 &27.54

FCC § 2.1055

The frequency stability shall be measured with variation of ambient temperature as follows:

(1) The temperature is varied from -30°C to +50°C.

(2) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10°C through the range. The frequency stability shall be measured with variation of primary supply voltage as follows:

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating and point which shall be specified by the manufacture.

(3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

FCC § 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in table as below.

Frequency range (MHz)	Base, fixed (ppm)	Mobile >3 watts (ppm)	Mobile ≤3 watts (ppm)
25 to 50	20.0	20.0	50.0
50 to 450	5.0	5.0	50.0
450 to 512	2.5	5.0	5.0
821 to 896	1.5	2.5	2.5
928 to 929	5.0	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10.0	n/a	n/a

FCC § 24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

FCC § 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

4.4.2 Test Procedures

For Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -10°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in -10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

For Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

4.4.3 Test Result

Please refer to 5.1.4.

4.5 Spurious Emission at Antenna Terminals

4.5.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(c) & 27.53(g) & 27.53(h) & 27.53(m)

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(c)
For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.
However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(g)
For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB.

FCC § 27.53(h) (1)
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the

power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

FCC § 27.53(m) (4)
For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

4.5.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. CMW500 is used to establish communication with the EUT, and its parameters are set to force the EUT transmitting at maximum output power.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm.
11. For Band 7/41
The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [55+ 10log(P)] (dB)
= [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
= -25dBm.

4.5.3 Test Result

Please refer to 5.1.5.

4.6 Band Edge

4.6.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(c) & 27.53(g) & 27.53(h) & 27.53(m)

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC § 22.917(a) & 24.238(a)
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(c)
For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.
However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(g)
For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee’s frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB.

FCC § 27.53(h) (1)
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts

by at least 43 + 10 log10 (P) dB.

FCC § 27.53(m) (4)
For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

4.6.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:
The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.

9. For LTE Band 7/41, the other 40 dB, and 55 dB have additionally applied same calculation above.

4.6.3 Test Result

Please refer to 5.1.6.

4.7 Field Strength of Spurious Radiation

4.7.1 Limit

FCC § 2.1051 & 22.917(a) & 24.238(a) & 27.53(c) & 27.53(g) & 27.53(h) & 27.53(m)
RSS-Gen § 6.13 & RSS-132 § 5.5 & RSS-133 § 6.5 & RSS-139 § 6.6

FCC § 22.917(a) & 24.238(a)
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10*log(P) dB. This is calculated to be -13 dBm.

FCC § 27.53(c)
For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:
(1) On any frequency outside the 746–758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
(4) On all frequencies between 763–775 MHz and 793–805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;
(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.
However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;
(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

FCC § 27.53(g)
For operations in the 600MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43+10*log(P) dB.

FCC § 27.53(h) (1)
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

FCC § 27.53(m) (4)
For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz

and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

4.7.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm.
13. For Band 7/41: The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
= P(W)- [55+ 10log(P)] (dB)
= [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)
= -25dBm.

4.7.3 Test Result

Please refer to 5.1.7.

5 Test Results

5.1.1 Transmitter Radiated Power (EIRP/ERP)

Conducted Power Measurement Results for GSM/GPRS/EDGE

Conducted Power (dBm)							
Band		**GSM 850**			**GSM 1900**		
Channel		**Low**	**Mid**	**High**	**Low**	**Mid**	**High**
GSM		32.10	32.12	32.12	29.29	29.37	29.40
GPRS	**1 TX slot**	29.03	29.05	29.11	25.72	25.82	26.08
	2 TX slot	29.06	29.07	29.13	25.74	25.84	26.10
	3 TX slot	29.07	29.08	29.14	25.73	25.84	26.10
	4 TX slot	29.07	29.09	29.15	25.73	25.84	26.11
EDGE	**1 TX slot**	21.08	21.52	21.57	19.34	19.16	20.59
	2 TX slot	21.10	21.32	21.51	19.02	18.77	19.09
	3 TX slot	21.08	21.27	21.32	18.72	18.52	18.80
	4 TX slot	20.99	21.19	21.31	18.58	18.41	18.78

Effective (Isotropic) Radiated Power Measurement Results for GSM/GPRS/EDGE

Band	Channel	Conducted Power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
GSM	LCH	32.10	2.02	31.97	1.574	7	PASS
	MCH	32.12	2.02	31.99	1.581	7	PASS
	HCH	32.12	2.02	31.99	1.581	7	PASS
GPRS 850	LCH	29.07	2.02	28.94	0.783	7	PASS
	MCH	29.09	2.02	28.96	0.787	7	PASS
	HCH	29.15	2.02	29.02	0.798	7	PASS
EGPRS 850	LCH	21.10	2.02	20.97	0.125	7	PASS
	MCH	21.52	2.02	21.39	0.138	7	PASS
	HCH	21.57	2.02	21.44	0.139	7	PASS

Band	Channel	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
GSM	LCH	29.29	2.12	31.41	1.384	2	PASS
	MCH	29.37	2.12	31.49	1.409	2	PASS
	HCH	29.40	2.12	31.52	1.419	2	PASS
GPRS 1900	LCH	25.74	2.12	27.86	0.611	2	PASS
	MCH	25.84	2.12	27.96	0.625	2	PASS

	HCH	26.11	2.12	28.23	0.665	2	PASS
EGPRS 1900	LCH	19.34	2.12	21.46	0.140	2	PASS
	MCH	19.16	2.12	21.28	0.134	2	PASS
	HCH	20.59	2.12	22.71	0.187	2	PASS

Note: For the GPRS and EGPRS mode, all slots were tested and just the worst data were recorded in this table.

Conducted Power Measurement Results for WCDMA/HSDPA/HSPUA

WCDMA Band II	**Mode**	**Conducted Power (dBm)**		
		Channel		
		Low	**Mid**	**High**
RMC	12.2 kbps	22.12	22.79	22.27
HSDPA	Sub - Test 1	22.16	22.71	22.13
	Sub - Test 2	21.55	22.25	21.67
	Sub - Test 3	21.03	21.71	21.16
	Sub - Test 4	21.02	21.70	21.15
HSUPA	Sub - Test 1	20.99	21.89	21.36
	Sub - Test 2	19.45	20.33	19.70
	Sub - Test 3	20.11	20.99	20.46
	Sub - Test 4	19.67	20.49	19.97
	Sub - Test 5	22.17	22.95	22.44

WCDMA Band V	**Mode**	**Conducted Power (dBm)**		
		Channel		
		Low	**Mid**	**High**
RMC	12.2 kbps	22.46	22.55	22.40
HSDPA	Sub - Test 1	22.52	22.51	22.35
	Sub - Test 2	21.88	21.89	21.85
	Sub - Test 3	21.28	21.46	21.39
	Sub - Test 4	21.24	21.43	21.37
HSUPA	Sub - Test 1	21.29	21.59	21.60
	Sub - Test 2	19.76	19.97	19.88
	Sub - Test 3	20.47	20.60	20.64
	Sub - Test 4	20.05	20.16	20.06
	Sub - Test 5	22.47	22.71	22.63

Effective (Isotropic) Radiated Power Measurement Results for WCDMA/HSDPA/HSUPA

Band	Channel	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
WCDMA Band II	LCH	22.12	2.12	24.24	0.265	2	PASS
	MCH	22.79	2.12	24.91	0.310	2	PASS
	HCH	22.27	2.12	24.39	0.275	2	PASS
HSDPA Band II	LCH	22.16	2.12	24.28	0.268	2	PASS
	MCH	22.71	2.12	24.83	0.304	2	PASS
	HCH	22.13	2.12	24.25	0.266	2	PASS
HSUPA Band II	LCH	22.17	2.12	24.29	0.269	2	PASS
	MCH	22.95	2.12	25.07	0.321	2	PASS
	HCH	22.44	2.12	24.56	0.286	2	PASS

Band	Channel	Conducted Power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
WCDMA Band V	LCH	22.46	2.02	22.33	0.171	7	PASS
	MCH	22.55	2.02	22.42	0.175	7	PASS
	HCH	22.40	2.02	22.27	0.169	7	PASS
HSDPA Band V	LCH	22.52	2.02	22.39	0.173	7	PASS
	MCH	22.51	2.02	22.38	0.173	7	PASS
	HCH	22.35	2.02	22.22	0.167	7	PASS
HSUPA Band V	LCH	22.47	2.02	22.34	0.171	7	PASS
	MCH	22.71	2.02	22.58	0.181	7	PASS
	HCH	22.63	2.02	22.50	0.178	7	PASS

Note: For the HSDPA and HSUPA mode, all subtests were tested and just the worst data were recorded in this table.

Effective (Isotropic) Radiated Power Measurement Results for LTE

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
1.4 MHz	LCH	QPSK	RB1#0	22.38	2.12	24.5	0.282	2	PASS
			RB1#3	22.26	2.12	24.38	0.274	2	PASS
			RB1#5	22.27	2.12	24.39	0.275	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB3#0	22.24	2.12	24.36	0.273	2	PASS
			RB3#2	22.22	2.12	24.34	0.272	2	PASS
			RB3#3	22.21	2.12	24.33	0.271	2	PASS
			RB6#0	21.24	2.12	23.36	0.217	2	PASS
		16-QAM	RB1#0	21.42	2.12	23.54	0.226	2	PASS
			RB1#3	21.36	2.12	23.48	0.223	2	PASS
			RB1#5	21.39	2.12	23.51	0.224	2	PASS
			RB3#0	21.30	2.12	23.42	0.220	2	PASS
			RB3#2	21.29	2.12	23.41	0.219	2	PASS
			RB3#3	21.28	2.12	23.40	0.219	2	PASS
			RB6#0	20.48	2.12	22.60	0.182	2	PASS
	MCH	QPSK	RB1#0	22.49	2.12	24.61	0.289	2	PASS
			RB1#3	22.36	2.12	24.48	0.281	2	PASS
			RB1#5	22.47	2.12	24.59	0.288	2	PASS
			RB3#0	22.32	2.12	24.44	0.278	2	PASS
			RB3#2	22.34	2.12	24.46	0.279	2	PASS
			RB3#3	22.42	2.12	24.54	0.284	2	PASS
			RB6#0	21.45	2.12	23.57	0.228	2	PASS
		16-QAM	RB1#0	21.87	2.12	23.99	0.251	2	PASS
			RB1#3	21.82	2.12	23.94	0.248	2	PASS
			RB1#5	21.85	2.12	23.97	0.249	2	PASS
			RB3#0	21.65	2.12	23.77	0.238	2	PASS
			RB3#2	21.68	2.12	23.80	0.240	2	PASS
			RB3#3	21.67	2.12	23.79	0.239	2	PASS
			RB6#0	20.49	2.12	22.61	0.182	2	PASS
	HCH	QPSK	RB1#0	22.13	2.12	24.25	0.266	2	PASS
			RB1#3	22.04	2.12	24.16	0.261	2	PASS
			RB1#5	22.19	2.12	24.31	0.270	2	PASS
			RB3#0	22.03	2.12	24.15	0.260	2	PASS
			RB3#2	22.04	2.12	24.16	0.261	2	PASS
			RB3#3	22.03	2.12	24.15	0.260	2	PASS
			RB6#0	21.05	2.12	23.17	0.207	2	PASS
		16-QAM	RB1#0	21.08	2.12	23.2	0.209	2	PASS
			RB1#3	21.08	2.12	23.2	0.209	2	PASS
			RB1#5	21.25	2.12	23.37	0.217	2	PASS
			RB3#0	21.24	2.12	23.36	0.217	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB3#2	21.26	2.12	23.38	0.218	2	PASS
			RB3#3	21.24	2.12	23.36	0.217	2	PASS
			RB6#0	20.34	2.12	22.46	0.176	2	PASS
3 MHz	LCH	QPSK	RB1#0	22.17	2.12	24.29	0.269	2	PASS
			RB1#7	22.16	2.12	24.28	0.268	2	PASS
			RB1#14	21.98	2.12	24.10	0.257	2	PASS
			RB8#0	21.24	2.12	23.36	0.217	2	PASS
			RB8#4	21.26	2.12	23.38	0.218	2	PASS
			RB8#7	21.21	2.12	23.33	0.215	2	PASS
			RB15#0	21.21	2.12	23.33	0.215	2	PASS
		16-QAM	RB1#0	21.10	2.12	23.22	0.210	2	PASS
			RB1#7	21.18	2.12	23.30	0.214	2	PASS
			RB1#14	21.06	2.12	23.18	0.208	2	PASS
			RB8#0	20.49	2.12	22.61	0.182	2	PASS
			RB8#4	20.48	2.12	22.60	0.182	2	PASS
			RB8#7	20.42	2.12	22.54	0.179	2	PASS
			RB15#0	20.38	2.12	22.50	0.178	2	PASS
	MCH	QPSK	RB1#0	22.32	2.12	24.44	0.278	2	PASS
			RB1#7	22.44	2.12	24.56	0.286	2	PASS
			RB1#14	22.27	2.12	24.39	0.275	2	PASS
			RB8#0	21.41	2.12	23.53	0.225	2	PASS
			RB8#4	21.46	2.12	23.58	0.228	2	PASS
			RB8#7	21.36	2.12	23.48	0.223	2	PASS
			RB15#0	21.42	2.12	23.54	0.226	2	PASS
		16-QAM	RB1#0	21.65	2.12	23.77	0.238	2	PASS
			RB1#7	21.81	2.12	23.93	0.247	2	PASS
			RB1#14	21.65	2.12	23.77	0.238	2	PASS
			RB8#0	20.61	2.12	22.73	0.187	2	PASS
			RB8#4	20.67	2.12	22.79	0.190	2	PASS
			RB8#7	20.61	2.12	22.73	0.187	2	PASS
			RB15#0	20.57	2.12	22.69	0.186	2	PASS
	HCH	QPSK	RB1#0	21.75	2.12	23.87	0.244	2	PASS
			RB1#7	22.01	2.12	24.13	0.259	2	PASS
			RB1#14	22.08	2.12	24.20	0.263	2	PASS
			RB8#0	20.91	2.12	23.03	0.201	2	PASS
			RB8#4	21.04	2.12	23.16	0.207	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB8#7	21.06	2.12	23.18	0.208	2	PASS
			RB15#0	21.01	2.12	23.13	0.206	2	PASS
		16-QAM	RB1#0	20.85	2.12	22.97	0.198	2	PASS
			RB1#7	21.06	2.12	23.18	0.208	2	PASS
			RB1#14	21.05	2.12	23.17	0.207	2	PASS
			RB8#0	20.12	2.12	22.24	0.167	2	PASS
			RB8#4	20.21	2.12	22.33	0.171	2	PASS
			RB8#7	20.23	2.12	22.35	0.172	2	PASS
			RB15#0	20.11	2.12	22.23	0.167	2	PASS
5 MHz	LCH	QPSK	RB1#0	22.11	2.12	24.23	0.265	2	PASS
			RB1#13	22.26	2.12	24.38	0.274	2	PASS
			RB1#24	22.01	2.12	24.13	0.259	2	PASS
			RB12#0	21.17	2.12	23.29	0.213	2	PASS
			RB12#6	21.23	2.12	23.35	0.216	2	PASS
			RB12#13	21.12	2.12	23.24	0.211	2	PASS
			RB25#0	21.15	2.12	23.27	0.212	2	PASS
		16-QAM	RB1#0	21.27	2.12	23.39	0.218	2	PASS
			RB1#13	21.42	2.12	23.54	0.226	2	PASS
			RB1#24	21.28	2.12	23.40	0.219	2	PASS
			RB12#0	20.41	2.12	22.53	0.179	2	PASS
			RB12#6	20.47	2.12	22.59	0.182	2	PASS
			RB12#13	20.35	2.12	22.47	0.177	2	PASS
			RB25#0	20.34	2.12	22.46	0.176	2	PASS
	MCH	QPSK	RB1#0	22.22	2.12	24.34	0.272	2	PASS
			RB1#13	22.50	2.12	24.62	0.290	2	PASS
			RB1#24	22.24	2.12	24.36	0.273	2	PASS
			RB12#0	21.36	2.12	23.48	0.223	2	PASS
			RB12#6	21.49	2.12	23.61	0.230	2	PASS
			RB12#13	21.40	2.12	23.52	0.225	2	PASS
			RB25#0	21.41	2.12	23.53	0.225	2	PASS
		16-QAM	RB1#0	21.65	2.12	23.77	0.238	2	PASS
			RB1#13	21.98	2.12	24.1	0.257	2	PASS
			RB1#24	21.73	2.12	23.85	0.243	2	PASS
			RB12#0	20.61	2.12	22.73	0.187	2	PASS
			RB12#6	20.74	2.12	22.86	0.193	2	PASS
			RB12#13	20.66	2.12	22.78	0.190	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB25#0	20.59	2.12	22.71	0.187	2	PASS
	HCH	QPSK	RB1#0	21.59	2.12	23.71	0.235	2	PASS
			RB1#13	21.88	2.12	24.00	0.251	2	PASS
			RB1#24	21.94	2.12	24.06	0.255	2	PASS
			RB12#0	20.70	2.12	22.82	0.191	2	PASS
			RB12#6	20.90	2.12	23.02	0.200	2	PASS
			RB12#13	20.94	2.12	23.06	0.202	2	PASS
			RB25#0	20.83	2.12	22.95	0.197	2	PASS
		16-QAM	RB1#0	20.81	2.12	22.93	0.196	2	PASS
			RB1#13	21.05	2.12	23.17	0.207	2	PASS
			RB1#24	21.12	2.12	23.24	0.211	2	PASS
			RB12#0	19.92	2.12	22.04	0.160	2	PASS
			RB12#6	20.09	2.12	22.21	0.166	2	PASS
			RB12#13	20.14	2.12	22.26	0.168	2	PASS
			RB25#0	19.93	2.12	22.05	0.160	2	PASS
10 MHz	LCH	QPSK	RB1#0	21.96	2.12	24.08	0.256	2	PASS
			RB1#25	21.94	2.12	24.06	0.255	2	PASS
			RB1#49	21.44	2.12	23.56	0.227	2	PASS
			RB25#0	20.96	2.12	23.08	0.203	2	PASS
			RB25#13	21.06	2.12	23.18	0.208	2	PASS
			RB25#25	20.85	2.12	22.97	0.198	2	PASS
			RB50#0	20.94	2.12	23.06	0.202	2	PASS
		16-QAM	RB1#0	20.87	2.12	22.99	0.199	2	PASS
			RB1#25	21.06	2.12	23.18	0.208	2	PASS
			RB1#49	20.57	2.12	22.69	0.186	2	PASS
			RB25#0	20.14	2.12	22.26	0.168	2	PASS
			RB25#13	20.23	2.12	22.35	0.172	2	PASS
			RB25#25	19.99	2.12	22.11	0.163	2	PASS
			RB50#0	20.04	2.12	22.16	0.164	2	PASS
	MCH	QPSK	RB1#0	21.86	2.12	23.98	0.250	2	PASS
			RB1#25	22.36	2.12	24.48	0.281	2	PASS
			RB1#49	22.06	2.12	24.18	0.262	2	PASS
			RB25#0	21.07	2.12	23.19	0.208	2	PASS
			RB25#13	21.35	2.12	23.47	0.222	2	PASS
			RB25#25	21.15	2.12	23.27	0.212	2	PASS
			RB50#0	21.22	2.12	23.34	0.216	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
		16-QAM	RB1#0	21.19	2.12	23.31	0.214	2	PASS
			RB1#25	21.73	2.12	23.85	0.243	2	PASS
			RB1#49	21.43	2.12	23.55	0.226	2	PASS
			RB25#0	20.22	2.12	22.34	0.171	2	PASS
			RB25#13	20.5	2.12	22.62	0.183	2	PASS
			RB25#25	20.29	2.12	22.41	0.174	2	PASS
			RB50#0	20.36	2.12	22.48	0.177	2	PASS
	HCH	QPSK	RB1#0	21.35	2.12	23.47	0.222	2	PASS
			RB1#25	21.51	2.12	23.63	0.231	2	PASS
			RB1#49	21.72	2.12	23.84	0.242	2	PASS
			RB25#0	20.46	2.12	22.58	0.181	2	PASS
			RB25#13	20.63	2.12	22.75	0.188	2	PASS
			RB25#25	20.58	2.12	22.70	0.186	2	PASS
			RB50#0	20.56	2.12	22.68	0.185	2	PASS
		16-QAM	RB1#0	20.53	2.12	22.65	0.184	2	PASS
			RB1#25	20.70	2.12	22.82	0.191	2	PASS
			RB1#49	20.71	2.12	22.83	0.192	2	PASS
			RB25#0	19.64	2.12	21.76	0.150	2	PASS
			RB25#13	19.89	2.12	22.01	0.159	2	PASS
			RB25#25	19.84	2.12	21.96	0.157	2	PASS
			RB50#0	19.75	2.12	21.87	0.154	2	PASS
15 MHz	LCH	QPSK	RB1#0	21.99	2.12	24.11	0.258	2	PASS
			RB1#38	21.85	2.12	23.97	0.249	2	PASS
			RB1#74	21.60	2.12	23.72	0.236	2	PASS
			RB36#0	21.06	2.12	23.18	0.208	2	PASS
			RB36#19	20.98	2.12	23.10	0.204	2	PASS
			RB36#39	20.79	2.12	22.91	0.195	2	PASS
			RB75#0	20.88	2.12	23.00	0.200	2	PASS
		16-QAM	RB1#0	20.94	2.12	23.06	0.202	2	PASS
			RB1#38	20.97	2.12	23.09	0.204	2	PASS
			RB1#74	20.77	2.12	22.89	0.195	2	PASS
			RB36#0	20.15	2.12	22.27	0.169	2	PASS
			RB36#19	20.14	2.12	22.26	0.168	2	PASS
			RB36#39	19.91	2.12	22.03	0.160	2	PASS
			RB75#0	19.96	2.12	22.08	0.161	2	PASS
	MCH	QPSK	RB1#0	21.91	2.12	24.03	0.253	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB1#38	22.38	2.12	24.50	0.282	2	PASS
			RB1#74	22.01	2.12	24.13	0.259	2	PASS
			RB36#0	21.16	2.12	23.28	0.213	2	PASS
			RB36#19	21.41	2.12	23.53	0.225	2	PASS
			RB36#39	21.23	2.12	23.35	0.216	2	PASS
			RB75#0	21.43	2.12	23.55	0.226	2	PASS
		16-QAM	RB1#0	21.34	2.12	23.46	0.222	2	PASS
			RB1#38	21.80	2.12	23.92	0.247	2	PASS
			RB1#74	21.61	2.12	23.73	0.236	2	PASS
			RB36#0	20.37	2.12	22.49	0.177	2	PASS
			RB36#19	20.67	2.12	22.79	0.190	2	PASS
			RB36#39	20.52	2.12	22.64	0.184	2	PASS
			RB75#0	20.61	2.12	22.73	0.187	2	PASS
	HCH	QPSK	RB1#0	21.94	2.12	24.06	0.255	2	PASS
			RB1#38	21.58	2.12	23.70	0.234	2	PASS
			RB1#74	21.83	2.12	23.95	0.248	2	PASS
			RB36#0	20.91	2.12	23.03	0.201	2	PASS
			RB36#19	20.84	2.12	22.96	0.198	2	PASS
			RB36#39	20.70	2.12	22.82	0.191	2	PASS
			RB75#0	20.71	2.12	22.83	0.192	2	PASS
		16-QAM	RB1#0	21.67	2.12	23.79	0.239	2	PASS
			RB1#38	21.33	2.12	23.45	0.221	2	PASS
			RB1#74	21.33	2.12	23.45	0.221	2	PASS
			RB36#0	19.93	2.12	22.05	0.160	2	PASS
			RB36#19	19.91	2.12	22.03	0.160	2	PASS
			RB36#39	19.85	2.12	21.97	0.157	2	PASS
			RB75#0	19.88	2.12	22.00	0.158	2	PASS
20 MHz	LCH	QPSK	RB1#0	22.03	2.12	24.15	0.260	2	PASS
			RB1#50	21.71	2.12	23.83	0.242	2	PASS
			RB1#99	21.73	2.12	23.85	0.243	2	PASS
			RB50#0	21.00	2.12	23.12	0.205	2	PASS
			RB50#25	20.83	2.12	22.95	0.197	2	PASS
			RB50#50	20.77	2.12	22.89	0.195	2	PASS
			RB100#0	20.56	2.12	22.68	0.185	2	PASS
		16-QAM	RB1#0	21.48	2.12	23.60	0.229	2	PASS
			RB1#50	21.43	2.12	23.55	0.226	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 2									
			RB1#99	21.22	2.12	23.34	0.216	2	PASS
			RB50#0	20.13	2.12	22.25	0.168	2	PASS
			RB50#25	19.99	2.12	22.11	0.163	2	PASS
			RB50#50	19.93	2.12	22.05	0.160	2	PASS
			RB100#0	19.73	2.12	21.85	0.153	2	PASS
	MCH	QPSK	RB1#0	21.88	2.12	24.00	0.251	2	PASS
			RB1#50	22.45	2.12	24.57	0.286	2	PASS
			RB1#99	21.94	2.12	24.06	0.255	2	PASS
			RB50#0	21.06	2.12	23.18	0.208	2	PASS
			RB50#25	21.43	2.12	23.55	0.226	2	PASS
			RB50#50	21.22	2.12	23.34	0.216	2	PASS
			RB100#0	21.40	2.12	23.52	0.225	2	PASS
		16-QAM	RB1#0	21.28	2.12	23.40	0.219	2	PASS
			RB1#50	21.94	2.12	24.06	0.255	2	PASS
			RB1#99	21.61	2.12	23.73	0.236	2	PASS
			RB50#0	20.20	2.12	22.32	0.171	2	PASS
			RB50#25	20.62	2.12	22.74	0.188	2	PASS
			RB50#50	20.36	2.12	22.48	0.177	2	PASS
			RB100#0	20.56	2.12	22.68	0.185	2	PASS
	HCH	QPSK	RB1#0	21.97	2.12	24.09	0.256	2	PASS
			RB1#50	21.77	2.12	23.89	0.245	2	PASS
			RB1#99	21.72	2.12	23.84	0.242	2	PASS
			RB50#0	21.12	2.12	23.24	0.211	2	PASS
			RB50#25	20.87	2.12	22.99	0.199	2	PASS
			RB50#50	20.67	2.12	22.79	0.190	2	PASS
			RB100#0	20.69	2.12	22.81	0.191	2	PASS
		16-QAM	RB1#0	21.54	2.12	23.66	0.232	2	PASS
			RB1#50	21.35	2.12	23.47	0.222	2	PASS
			RB1#99	21.13	2.12	23.25	0.211	2	PASS
			RB50#0	20.13	2.12	22.25	0.168	2	PASS
			RB50#25	19.89	2.12	22.01	0.159	2	PASS
			RB50#50	19.81	2.12	21.93	0.156	2	PASS
			RB100#0	19.74	2.12	21.86	0.153	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
1.4 MHz	LCH	QPSK	RB1#0	22.87	3.12	25.99	0.397	1	PASS
			RB1#3	22.70	3.12	25.82	0.382	1	PASS
			RB1#5	22.83	3.12	25.95	0.394	1	PASS
			RB3#0	22.68	3.12	25.80	0.380	1	PASS
			RB3#2	22.67	3.12	25.79	0.379	1	PASS
			RB3#3	22.65	3.12	25.77	0.378	1	PASS
			RB6#0	21.78	3.12	24.90	0.309	1	PASS
		16-QAM	RB1#0	21.96	3.12	25.08	0.322	1	PASS
			RB1#3	21.90	3.12	25.02	0.318	1	PASS
			RB1#5	22.04	3.12	25.16	0.328	1	PASS
			RB3#0	21.82	3.12	24.94	0.312	1	PASS
			RB3#2	21.83	3.12	24.95	0.313	1	PASS
			RB3#3	21.81	3.12	24.93	0.311	1	PASS
			RB6#0	21.01	3.12	24.13	0.259	1	PASS
	MCH	QPSK	RB1#0	22.61	3.12	25.73	0.374	1	PASS
			RB1#3	22.51	3.12	25.63	0.366	1	PASS
			RB1#5	22.55	3.12	25.67	0.369	1	PASS
			RB3#0	22.52	3.12	25.64	0.366	1	PASS
			RB3#2	22.48	3.12	25.60	0.363	1	PASS
			RB3#3	22.47	3.12	25.59	0.362	1	PASS
			RB6#0	21.55	3.12	24.67	0.293	1	PASS
		16-QAM	RB1#0	21.94	3.12	25.06	0.321	1	PASS
			RB1#3	21.88	3.12	25.00	0.316	1	PASS
			RB1#5	21.94	3.12	25.06	0.321	1	PASS
			RB3#0	21.75	3.12	24.87	0.307	1	PASS
			RB3#2	21.72	3.12	24.84	0.305	1	PASS
			RB3#3	21.71	3.12	24.83	0.304	1	PASS
			RB6#0	20.57	3.12	23.69	0.234	1	PASS
	HCH	QPSK	RB1#0	22.96	3.12	26.08	0.406	1	PASS
			RB1#3	22.80	3.12	25.92	0.391	1	PASS
			RB1#5	22.88	3.12	26.00	0.398	1	PASS
			RB3#0	22.79	3.12	25.91	0.390	1	PASS
			RB3#2	22.81	3.12	25.93	0.392	1	PASS
			RB3#3	22.79	3.12	25.91	0.390	1	PASS
			RB6#0	21.85	3.12	24.97	0.314	1	PASS
		16-QAM	RB1#0	21.98	3.12	25.10	0.324	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB1#3	21.90	3.12	25.02	0.318	1	PASS
			RB1#5	21.96	3.12	25.08	0.322	1	PASS
			RB3#0	22.06	3.12	25.18	0.330	1	PASS
			RB3#2	22.08	3.12	25.20	0.331	1	PASS
			RB3#3	22.06	3.12	25.18	0.330	1	PASS
			RB6#0	21.19	3.12	24.31	0.270	1	PASS
3 MHz	LCH	QPSK	RB1#0	22.69	3.12	25.81	0.381	1	PASS
			RB1#7	22.75	3.12	25.87	0.386	1	PASS
			RB1#14	22.69	3.12	25.81	0.381	1	PASS
			RB8#0	21.72	3.12	24.84	0.305	1	PASS
			RB8#4	21.78	3.12	24.90	0.309	1	PASS
			RB8#7	21.73	3.12	24.85	0.305	1	PASS
			RB15#0	21.74	3.12	24.86	0.306	1	PASS
		16-QAM	RB1#0	21.61	3.12	24.73	0.297	1	PASS
			RB1#7	21.72	3.12	24.84	0.305	1	PASS
			RB1#14	21.67	3.12	24.79	0.301	1	PASS
			RB8#0	20.98	3.12	24.10	0.257	1	PASS
			RB8#4	21.00	3.12	24.12	0.258	1	PASS
			RB8#7	20.95	3.12	24.07	0.255	1	PASS
			RB15#0	20.90	3.12	24.02	0.252	1	PASS
	MCH	QPSK	RB1#0	22.45	3.12	25.57	0.361	1	PASS
			RB1#7	22.49	3.12	25.61	0.364	1	PASS
			RB1#14	22.41	3.12	25.53	0.357	1	PASS
			RB8#0	21.52	3.12	24.64	0.291	1	PASS
			RB8#4	21.51	3.12	24.63	0.290	1	PASS
			RB8#7	21.47	3.12	24.59	0.288	1	PASS
			RB15#0	21.46	3.12	24.58	0.287	1	PASS
		16-QAM	RB1#0	21.79	3.12	24.91	0.310	1	PASS
			RB1#7	21.87	3.12	24.99	0.316	1	PASS
			RB1#14	21.80	3.12	24.92	0.310	1	PASS
			RB8#0	20.72	3.12	23.84	0.242	1	PASS
			RB8#4	20.72	3.12	23.84	0.242	1	PASS
			RB8#7	20.69	3.12	23.81	0.240	1	PASS
			RB15#0	20.61	3.12	23.73	0.236	1	PASS
	HCH	QPSK	RB1#0	22.76	3.12	25.88	0.387	1	PASS
			RB1#7	22.78	3.12	25.90	0.389	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB1#14	22.65	3.12	25.77	0.378	1	PASS
			RB8#0	21.83	3.12	24.95	0.313	1	PASS
			RB8#4	21.85	3.12	24.97	0.314	1	PASS
			RB8#7	21.82	3.12	24.94	0.312	1	PASS
			RB15#0	21.85	3.12	24.97	0.314	1	PASS
		16-QAM	RB1#0	21.78	3.12	24.90	0.309	1	PASS
			RB1#7	21.88	3.12	25.00	0.316	1	PASS
			RB1#14	21.77	3.12	24.89	0.308	1	PASS
			RB8#0	21.03	3.12	24.15	0.260	1	PASS
			RB8#4	21.05	3.12	24.17	0.261	1	PASS
			RB8#7	21.03	3.12	24.15	0.260	1	PASS
			RB15#0	20.94	3.12	24.06	0.255	1	PASS
5 MHz	LCH	QPSK	RB1#0	22.64	3.12	25.76	0.377	1	PASS
			RB1#13	22.82	3.12	25.94	0.393	1	PASS
			RB1#24	22.54	3.12	25.66	0.368	1	PASS
			RB12#0	21.67	3.12	24.79	0.301	1	PASS
			RB12#6	21.76	3.12	24.88	0.308	1	PASS
			RB12#13	21.61	3.12	24.73	0.297	1	PASS
			RB25#0	21.67	3.12	24.79	0.301	1	PASS
		16-QAM	RB1#0	21.72	3.12	24.84	0.305	1	PASS
			RB1#13	21.97	3.12	25.09	0.323	1	PASS
			RB1#24	21.71	3.12	24.83	0.304	1	PASS
			RB12#0	20.86	3.12	23.98	0.250	1	PASS
			RB12#6	21.00	3.12	24.12	0.258	1	PASS
			RB12#13	20.89	3.12	24.01	0.252	1	PASS
			RB25#0	20.85	3.12	23.97	0.249	1	PASS
	MCH	QPSK	RB1#0	22.43	3.12	25.55	0.359	1	PASS
			RB1#13	22.52	3.12	25.64	0.366	1	PASS
			RB1#24	22.28	3.12	25.40	0.347	1	PASS
			RB12#0	21.44	3.12	24.56	0.286	1	PASS
			RB12#6	21.49	3.12	24.61	0.289	1	PASS
			RB12#13	21.41	3.12	24.53	0.284	1	PASS
			RB25#0	21.41	3.12	24.53	0.284	1	PASS
		16-QAM	RB1#0	21.87	3.12	24.99	0.316	1	PASS
			RB1#13	22.01	3.12	25.13	0.326	1	PASS
			RB1#24	21.78	3.12	24.90	0.309	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB12#0	20.70	3.12	23.82	0.241	1	PASS
			RB12#6	20.75	3.12	23.87	0.244	1	PASS
			RB12#13	20.67	3.12	23.79	0.239	1	PASS
			RB25#0	20.60	3.12	23.72	0.236	1	PASS
	HCH	QPSK	RB1#0	22.75	3.12	25.87	0.386	1	PASS
			RB1#13	22.81	3.12	25.93	0.392	1	PASS
			RB1#24	22.61	3.12	25.73	0.374	1	PASS
			RB12#0	21.79	3.12	24.91	0.310	1	PASS
			RB12#6	21.88	3.12	25.00	0.316	1	PASS
			RB12#13	21.79	3.12	24.91	0.310	1	PASS
			RB25#0	21.80	3.12	24.92	0.310	1	PASS
		16-QAM	RB1#0	21.88	3.12	25.00	0.316	1	PASS
			RB1#13	22.02	3.12	25.14	0.327	1	PASS
			RB1#24	21.79	3.12	24.91	0.310	1	PASS
			RB12#0	21.01	3.12	24.13	0.259	1	PASS
			RB12#6	21.07	3.12	24.19	0.262	1	PASS
			RB12#13	20.97	3.12	24.09	0.256	1	PASS
			RB25#0	20.89	3.12	24.01	0.252	1	PASS
10 MHz	LCH	QPSK	RB1#0	22.29	3.12	25.41	0.348	1	PASS
			RB1#25	22.63	3.12	25.75	0.376	1	PASS
			RB1#49	22.19	3.12	25.31	0.340	1	PASS
			RB25#0	21.51	3.12	24.63	0.290	1	PASS
			RB25#13	21.64	3.12	24.76	0.299	1	PASS
			RB25#25	21.35	3.12	24.47	0.280	1	PASS
			RB50#0	21.48	3.12	24.60	0.288	1	PASS
		16-QAM	RB1#0	21.30	3.12	24.42	0.277	1	PASS
			RB1#25	21.64	3.12	24.76	0.299	1	PASS
			RB1#49	21.22	3.12	24.34	0.272	1	PASS
			RB25#0	20.64	3.12	23.76	0.238	1	PASS
			RB25#13	20.81	3.12	23.93	0.247	1	PASS
			RB25#25	20.52	3.12	23.64	0.231	1	PASS
			RB50#0	20.64	3.12	23.76	0.238	1	PASS
	MCH	QPSK	RB1#0	22.17	3.12	25.29	0.338	1	PASS
			RB1#25	22.42	3.12	25.54	0.358	1	PASS
			RB1#49	22.08	3.12	25.20	0.331	1	PASS
			RB25#0	21.25	3.12	24.37	0.274	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB25#13	21.39	3.12	24.51	0.282	1	PASS
			RB25#25	21.27	3.12	24.39	0.275	1	PASS
			RB50#0	21.28	3.12	24.40	0.275	1	PASS
		16-QAM	RB1#0	21.51	3.12	24.63	0.290	1	PASS
			RB1#25	21.80	3.12	24.92	0.310	1	PASS
			RB1#49	21.47	3.12	24.59	0.288	1	PASS
			RB25#0	20.45	3.12	23.57	0.228	1	PASS
			RB25#13	20.54	3.12	23.66	0.232	1	PASS
			RB25#25	20.42	3.12	23.54	0.226	1	PASS
			RB50#0	20.48	3.12	23.60	0.229	1	PASS
	HCH	QPSK	RB1#0	22.36	3.12	25.48	0.353	1	PASS
			RB1#25	22.83	3.12	25.95	0.394	1	PASS
			RB1#49	22.47	3.12	25.59	0.362	1	PASS
			RB25#0	21.54	3.12	24.66	0.292	1	PASS
			RB25#13	21.79	3.12	24.91	0.310	1	PASS
			RB25#25	21.60	3.12	24.72	0.296	1	PASS
			RB50#0	21.64	3.12	24.76	0.299	1	PASS
		16-QAM	RB1#0	21.38	3.12	24.50	0.282	1	PASS
			RB1#25	21.88	3.12	25.00	0.316	1	PASS
			RB1#49	21.52	3.12	24.64	0.291	1	PASS
			RB25#0	20.76	3.12	23.88	0.244	1	PASS
			RB25#13	21.01	3.12	24.13	0.259	1	PASS
			RB25#25	20.85	3.12	23.97	0.249	1	PASS
			RB50#0	20.80	3.12	23.92	0.247	1	PASS
15 MHz	LCH	QPSK	RB1#0	22.59	3.12	25.71	0.372	1	PASS
			RB1#38	22.62	3.12	25.74	0.375	1	PASS
			RB1#74	22.30	3.12	25.42	0.348	1	PASS
			RB36#0	21.62	3.12	24.74	0.298	1	PASS
			RB36#19	21.64	3.12	24.76	0.299	1	PASS
			RB36#39	21.45	3.12	24.57	0.286	1	PASS
			RB75#0	21.56	3.12	24.68	0.294	1	PASS
		16-QAM	RB1#0	21.51	3.12	24.63	0.290	1	PASS
			RB1#38	21.59	3.12	24.71	0.296	1	PASS
			RB1#74	21.29	3.12	24.41	0.276	1	PASS
			RB36#0	20.72	3.12	23.84	0.242	1	PASS
			RB36#19	20.75	3.12	23.87	0.244	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB36#39	20.56	3.12	23.68	0.233	1	PASS
			RB75#0	20.69	3.12	23.81	0.240	1	PASS
	MCH	QPSK	RB1#0	22.32	3.12	25.44	0.350	1	PASS
			RB1#38	22.44	3.12	25.56	0.360	1	PASS
			RB1#74	22.26	3.12	25.38	0.345	1	PASS
			RB36#0	21.37	3.12	24.49	0.281	1	PASS
			RB36#19	21.46	3.12	24.58	0.287	1	PASS
			RB36#39	21.37	3.12	24.49	0.281	1	PASS
			RB75#0	21.36	3.12	24.48	0.281	1	PASS
		16-QAM	RB1#0	21.66	3.12	24.78	0.301	1	PASS
			RB1#38	21.83	3.12	24.95	0.313	1	PASS
			RB1#74	21.65	3.12	24.77	0.300	1	PASS
			RB36#0	20.58	3.12	23.70	0.234	1	PASS
			RB36#19	20.63	3.12	23.75	0.237	1	PASS
			RB36#39	20.55	3.12	23.67	0.233	1	PASS
			RB75#0	20.50	3.12	23.62	0.230	1	PASS
	HCH	QPSK	RB1#0	22.37	3.12	25.49	0.354	1	PASS
			RB1#38	22.73	3.12	25.85	0.385	1	PASS
			RB1#74	22.64	3.12	25.76	0.377	1	PASS
			RB36#0	21.53	3.12	24.65	0.292	1	PASS
			RB36#19	21.75	3.12	24.87	0.307	1	PASS
			RB36#39	21.76	3.12	24.88	0.308	1	PASS
			RB75#0	21.66	3.12	24.78	0.301	1	PASS
		16-QAM	RB1#0	21.82	3.12	24.94	0.312	1	PASS
			RB1#38	22.22	3.12	25.34	0.342	1	PASS
			RB1#74	22.13	3.12	25.25	0.335	1	PASS
			RB36#0	20.63	3.12	23.75	0.237	1	PASS
			RB36#19	20.86	3.12	23.98	0.250	1	PASS
			RB36#39	20.86	3.12	23.98	0.250	1	PASS
			RB75#0	20.79	3.12	23.91	0.246	1	PASS
20 MHz	LCH	QPSK	RB1#0	22.49	3.12	25.61	0.364	1	PASS
			RB1#50	22.59	3.12	25.71	0.372	1	PASS
			RB1#99	22.18	3.12	25.30	0.339	1	PASS
			RB50#0	21.47	3.12	24.59	0.288	1	PASS
			RB50#25	21.58	3.12	24.70	0.295	1	PASS
			RB50#50	21.28	3.12	24.40	0.275	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 4									
			RB100#0	21.50	3.12	24.62	0.290	1	PASS
		16-QAM	RB1#0	21.92	3.12	25.04	0.319	1	PASS
			RB1#50	22.08	3.12	25.20	0.331	1	PASS
			RB1#99	21.68	3.12	24.80	0.302	1	PASS
			RB50#0	20.65	3.12	23.77	0.238	1	PASS
			RB50#25	20.68	3.12	23.80	0.240	1	PASS
			RB50#50	20.43	3.12	23.55	0.226	1	PASS
			RB100#0	20.62	3.12	23.74	0.237	1	PASS
	MCH	QPSK	RB1#0	22.31	3.12	25.43	0.349	1	PASS
			RB1#50	22.47	3.12	25.59	0.362	1	PASS
			RB1#99	22.21	3.12	25.33	0.341	1	PASS
			RB50#0	21.25	3.12	24.37	0.274	1	PASS
			RB50#25	21.46	3.12	24.58	0.287	1	PASS
			RB50#50	21.30	3.12	24.42	0.277	1	PASS
			RB100#0	21.33	3.12	24.45	0.279	1	PASS
		16-QAM	RB1#0	21.75	3.12	24.87	0.307	1	PASS
			RB1#50	21.96	3.12	25.08	0.322	1	PASS
			RB1#99	21.70	3.12	24.82	0.303	1	PASS
			RB50#0	20.44	3.12	23.56	0.227	1	PASS
			RB50#25	20.65	3.12	23.77	0.238	1	PASS
			RB50#50	20.45	3.12	23.57	0.228	1	PASS
			RB100#0	20.51	3.12	23.63	0.231	1	PASS
	HCH	QPSK	RB1#0	22.26	3.12	25.38	0.345	1	PASS
			RB1#50	22.62	3.12	25.74	0.375	1	PASS
			RB1#99	22.51	3.12	25.63	0.366	1	PASS
			RB50#0	21.33	3.12	24.45	0.279	1	PASS
			RB50#25	21.62	3.12	24.74	0.298	1	PASS
			RB50#50	21.65	3.12	24.77	0.300	1	PASS
			RB100#0	21.50	3.12	24.62	0.290	1	PASS
		16-QAM	RB1#0	21.66	3.12	24.78	0.301	1	PASS
			RB1#50	22.06	3.12	25.18	0.330	1	PASS
			RB1#99	21.96	3.12	25.08	0.322	1	PASS
			RB50#0	20.52	3.12	23.64	0.231	1	PASS
			RB50#25	20.73	3.12	23.85	0.243	1	PASS
			RB50#50	20.77	3.12	23.89	0.245	1	PASS
			RB100#0	20.63	3.12	23.75	0.237	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
FDD LTE Band 5									
1.4 MHz	LCH	QPSK	RB1#0	22.91	2.02	22.78	0.190	7	PASS
			RB1#3	22.80	2.02	22.67	0.185	7	PASS
			RB1#5	22.88	2.02	22.75	0.188	7	PASS
			RB3#0	22.69	2.02	22.56	0.180	7	PASS
			RB3#2	22.76	2.02	22.63	0.183	7	PASS
			RB3#3	22.77	2.02	22.64	0.184	7	PASS
			RB6#0	21.60	2.02	21.47	0.140	7	PASS
		16-QAM	RB1#0	21.85	2.02	21.72	0.149	7	PASS
			RB1#3	21.74	2.02	21.61	0.145	7	PASS
			RB1#5	21.94	2.02	21.81	0.152	7	PASS
			RB3#0	21.69	2.02	21.56	0.143	7	PASS
			RB3#2	21.68	2.02	21.55	0.143	7	PASS
			RB3#3	21.70	2.02	21.57	0.144	7	PASS
			RB6#0	20.80	2.02	20.67	0.117	7	PASS
	MCH	QPSK	RB1#0	22.61	2.02	22.48	0.177	7	PASS
			RB1#3	22.38	2.02	22.25	0.168	7	PASS
			RB1#5	22.41	2.02	22.28	0.169	7	PASS
			RB3#0	22.44	2.02	22.31	0.170	7	PASS
			RB3#2	22.36	2.02	22.23	0.167	7	PASS
			RB3#3	22.30	2.02	22.17	0.165	7	PASS
			RB6#0	21.32	2.02	21.19	0.132	7	PASS
		16-QAM	RB1#0	21.80	2.02	21.67	0.147	7	PASS
			RB1#3	21.65	2.02	21.52	0.142	7	PASS
			RB1#5	21.69	2.02	21.56	0.143	7	PASS
			RB3#0	21.53	2.02	21.40	0.138	7	PASS
			RB3#2	21.50	2.02	21.37	0.137	7	PASS
			RB3#3	21.45	2.02	21.32	0.136	7	PASS
			RB6#0	20.31	2.02	20.18	0.104	7	PASS
	HCH	QPSK	RB1#0	22.62	2.02	22.49	0.177	7	PASS
			RB1#3	22.36	2.02	22.23	0.167	7	PASS
			RB1#5	22.44	2.02	22.31	0.170	7	PASS
			RB3#0	22.40	2.02	22.27	0.169	7	PASS
			RB3#2	22.36	2.02	22.23	0.167	7	PASS
			RB3#3	22.40	2.02	22.27	0.169	7	PASS
			RB6#0	21.48	2.02	21.35	0.136	7	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
FDD LTE Band 5									
3 MHz	LCH	16-QAM	RB1#0	21.71	2.02	21.58	0.144	7	PASS
			RB1#3	21.51	2.02	21.38	0.137	7	PASS
			RB1#5	21.62	2.02	21.49	0.141	7	PASS
			RB3#0	21.73	2.02	21.60	0.145	7	PASS
			RB3#2	21.67	2.02	21.54	0.143	7	PASS
			RB3#3	21.62	2.02	21.49	0.141	7	PASS
			RB6#0	20.57	2.02	20.44	0.111	7	PASS
		QPSK	RB1#0	22.62	2.02	22.49	0.177	7	PASS
			RB1#7	22.79	2.02	22.66	0.185	7	PASS
			RB1#14	22.76	2.02	22.63	0.183	7	PASS
			RB8#0	21.63	2.02	21.50	0.141	7	PASS
			RB8#4	21.73	2.02	21.60	0.145	7	PASS
			RB8#7	21.76	2.02	21.63	0.146	7	PASS
			RB15#0	21.71	2.02	21.58	0.144	7	PASS
		16-QAM	RB1#0	21.47	2.02	21.34	0.136	7	PASS
			RB1#7	21.67	2.02	21.54	0.143	7	PASS
			RB1#14	21.65	2.02	21.52	0.142	7	PASS
			RB8#0	20.80	2.02	20.67	0.117	7	PASS
			RB8#4	20.90	2.02	20.77	0.119	7	PASS
			RB8#7	20.93	2.02	20.80	0.120	7	PASS
			RB15#0	20.79	2.02	20.66	0.116	7	PASS
	MCH	QPSK	RB1#0	22.58	2.02	22.45	0.176	7	PASS
			RB1#7	22.39	2.02	22.26	0.168	7	PASS
			RB1#14	22.14	2.02	22.01	0.159	7	PASS
			RB8#0	21.46	2.02	21.33	0.136	7	PASS
			RB8#4	21.36	2.02	21.23	0.133	7	PASS
			RB8#7	21.24	2.02	21.11	0.129	7	PASS
			RB15#0	21.35	2.02	21.22	0.132	7	PASS
		16-QAM	RB1#0	21.77	2.02	21.64	0.146	7	PASS
			RB1#7	21.67	2.02	21.54	0.143	7	PASS
			RB1#14	21.43	2.02	21.30	0.135	7	PASS
			RB8#0	20.61	2.02	20.48	0.112	7	PASS
			RB8#4	20.52	2.02	20.39	0.109	7	PASS
			RB8#7	20.39	2.02	20.26	0.106	7	PASS
			RB15#0	20.46	2.02	20.33	0.108	7	PASS
	HCH	QPSK	RB1#0	22.58	2.02	22.45	0.176	7	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
FDD LTE Band 5									
5 MHz	LCH	QPSK	RB1#7	22.50	2.02	22.37	0.173	7	PASS
			RB1#14	22.31	2.02	22.18	0.165	7	PASS
			RB8#0	21.63	2.02	21.50	0.141	7	PASS
			RB8#4	21.62	2.02	21.49	0.141	7	PASS
			RB8#7	21.52	2.02	21.39	0.138	7	PASS
			RB15#0	21.58	2.02	21.45	0.140	7	PASS
		16-QAM	RB1#0	21.58	2.02	21.45	0.140	7	PASS
			RB1#7	21.61	2.02	21.48	0.141	7	PASS
			RB1#14	21.39	2.02	21.26	0.134	7	PASS
			RB8#0	20.61	2.02	20.48	0.112	7	PASS
			RB8#4	20.61	2.02	20.48	0.112	7	PASS
			RB8#7	20.51	2.02	20.38	0.109	7	PASS
			RB15#0	20.50	2.02	20.37	0.109	7	PASS
		QPSK	RB1#0	22.72	2.02	22.59	0.182	7	PASS
			RB1#13	23.03	2.02	22.90	0.195	7	PASS
			RB1#24	22.90	2.02	22.77	0.189	7	PASS
			RB12#0	21.67	2.02	21.54	0.143	7	PASS
			RB12#6	21.87	2.02	21.74	0.149	7	PASS
			RB12#13	21.90	2.02	21.77	0.150	7	PASS
			RB25#0	21.77	2.02	21.64	0.146	7	PASS
		16-QAM	RB1#0	21.65	2.02	21.52	0.142	7	PASS
			RB1#13	22.07	2.02	21.94	0.156	7	PASS
			RB1#24	22.02	2.02	21.89	0.155	7	PASS
			RB12#0	20.82	2.02	20.69	0.117	7	PASS
			RB12#6	21.02	2.02	20.89	0.123	7	PASS
			RB12#13	21.05	2.02	20.92	0.124	7	PASS
			RB25#0	20.88	2.02	20.75	0.119	7	PASS
	MCH	QPSK	RB1#0	22.64	2.02	22.51	0.178	7	PASS
			RB1#13	22.45	2.02	22.32	0.171	7	PASS
			RB1#24	22.01	2.02	21.88	0.154	7	PASS
			RB12#0	21.39	2.02	21.26	0.134	7	PASS
			RB12#6	21.38	2.02	21.25	0.133	7	PASS
			RB12#13	21.14	2.02	21.01	0.126	7	PASS
			RB25#0	21.32	2.02	21.19	0.132	7	PASS
		16-QAM	RB1#0	21.94	2.02	21.81	0.152	7	PASS
			RB1#13	21.85	2.02	21.72	0.149	7	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
FDD LTE Band 5									
			RB1#24	21.54	2.02	21.41	0.138	7	PASS
			RB12#0	20.67	2.02	20.54	0.113	7	PASS
			RB12#6	20.60	2.02	20.47	0.111	7	PASS
			RB12#13	20.36	2.02	20.23	0.105	7	PASS
			RB25#0	20.47	2.02	20.34	0.108	7	PASS
	HCH	QPSK	RB1#0	22.30	2.02	22.17	0.165	7	PASS
			RB1#13	22.60	2.02	22.47	0.177	7	PASS
			RB1#24	22.25	2.02	22.12	0.163	7	PASS
			RB12#0	21.48	2.02	21.35	0.136	7	PASS
			RB12#6	21.66	2.02	21.53	0.142	7	PASS
			RB12#13	21.52	2.02	21.39	0.138	7	PASS
			RB25#0	21.51	2.02	21.38	0.137	7	PASS
		16-QAM	RB1#0	21.46	2.02	21.33	0.136	7	PASS
			RB1#13	21.82	2.02	21.69	0.148	7	PASS
			RB1#24	21.48	2.02	21.35	0.136	7	PASS
			RB12#0	20.47	2.02	20.34	0.108	7	PASS
			RB12#6	20.66	2.02	20.53	0.113	7	PASS
			RB12#13	20.53	2.02	20.40	0.110	7	PASS
			RB25#0	20.43	2.02	20.30	0.107	7	PASS
10 MHz	LCH	QPSK	RB1#0	22.46	2.02	22.33	0.171	7	PASS
			RB1#25	22.99	2.02	22.86	0.193	7	PASS
			RB1#49	22.33	2.02	22.20	0.166	7	PASS
			RB25#0	21.57	2.02	21.44	0.139	7	PASS
			RB25#13	21.75	2.02	21.62	0.145	7	PASS
			RB25#25	21.53	2.02	21.40	0.138	7	PASS
			RB50#0	21.54	2.02	21.41	0.138	7	PASS
		16-QAM	RB1#0	21.31	2.02	21.18	0.131	7	PASS
			RB1#25	21.77	2.02	21.64	0.146	7	PASS
			RB1#49	21.16	2.02	21.03	0.127	7	PASS
			RB25#0	20.67	2.02	20.54	0.113	7	PASS
			RB25#13	20.94	2.02	20.81	0.121	7	PASS
			RB25#25	20.71	2.02	20.58	0.114	7	PASS
			RB50#0	20.71	2.02	20.58	0.114	7	PASS
	MCH	QPSK	RB1#0	22.63	2.02	22.50	0.178	7	PASS
			RB1#25	22.29	2.02	22.16	0.164	7	PASS
			RB1#49	21.73	2.02	21.60	0.145	7	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
FDD LTE Band 5									
			RB25#0	21.15	2.02	21.02	0.126	7	PASS
			RB25#13	21.20	2.02	21.07	0.128	7	PASS
			RB25#25	20.91	2.02	20.78	0.120	7	PASS
			RB50#0	21.07	2.02	20.94	0.124	7	PASS
		16-QAM	RB1#0	21.85	2.02	21.72	0.149	7	PASS
			RB1#25	21.57	2.02	21.44	0.139	7	PASS
			RB1#49	21.20	2.02	21.07	0.128	7	PASS
			RB25#0	20.33	2.02	20.20	0.105	7	PASS
			RB25#13	20.31	2.02	20.18	0.104	7	PASS
			RB25#25	19.93	2.02	19.80	0.095	7	PASS
			RB50#0	20.18	2.02	20.05	0.101	7	PASS
	HCH	QPSK	RB1#0	21.80	2.02	21.67	0.147	7	PASS
			RB1#25	22.19	2.02	22.06	0.161	7	PASS
			RB1#49	22.04	2.02	21.91	0.155	7	PASS
			RB25#0	20.86	2.02	20.73	0.118	7	PASS
			RB25#13	21.31	2.02	21.18	0.131	7	PASS
			RB25#25	21.24	2.02	21.11	0.129	7	PASS
			RB50#0	21.22	2.02	21.09	0.129	7	PASS
		16-QAM	RB1#0	20.84	2.02	20.71	0.118	7	PASS
			RB1#25	21.31	2.02	21.18	0.131	7	PASS
			RB1#49	21.14	2.02	21.01	0.126	7	PASS
			RB25#0	19.90	2.02	19.77	0.095	7	PASS
			RB25#13	20.34	2.02	20.21	0.105	7	PASS
			RB25#25	20.27	2.02	20.14	0.103	7	PASS
			RB50#0	20.20	2.02	20.07	0.102	7	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
5 MHz	LCH	QPSK	RB1#0	21.70	3.20	24.90	0.309	2	PASS
			RB1#13	21.87	3.20	25.07	0.321	2	PASS
			RB1#24	21.73	3.20	24.93	0.311	2	PASS
			RB12#0	20.71	3.20	23.91	0.246	2	PASS
			RB12#6	20.82	3.20	24.02	0.252	2	PASS
			RB12#13	20.71	3.20	23.91	0.246	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
			RB25#0	20.79	3.20	23.99	0.251	2	PASS
		16-QAM	RB1#0	20.88	3.20	24.08	0.256	2	PASS
			RB1#13	21.08	3.20	24.28	0.268	2	PASS
			RB1#24	20.90	3.20	24.10	0.257	2	PASS
			RB12#0	19.89	3.20	23.09	0.204	2	PASS
			RB12#6	20.01	3.20	23.21	0.209	2	PASS
			RB12#13	19.91	3.20	23.11	0.205	2	PASS
			RB25#0	19.80	3.20	23.00	0.200	2	PASS
	MCH	QPSK	RB1#0	21.45	3.20	24.65	0.292	2	PASS
			RB1#13	21.59	3.20	24.79	0.301	2	PASS
			RB1#24	21.42	3.20	24.62	0.290	2	PASS
			RB12#0	20.44	3.20	23.64	0.231	2	PASS
			RB12#6	20.51	3.20	23.71	0.235	2	PASS
			RB12#13	20.40	3.20	23.60	0.229	2	PASS
			RB25#0	20.42	3.20	23.62	0.230	2	PASS
		16-QAM	RB1#0	20.63	3.20	23.83	0.242	2	PASS
			RB1#13	20.78	3.20	23.98	0.250	2	PASS
			RB1#24	20.58	3.20	23.78	0.239	2	PASS
			RB12#0	19.57	3.20	22.77	0.189	2	PASS
			RB12#6	19.65	3.20	22.85	0.193	2	PASS
			RB12#13	19.53	3.20	22.73	0.187	2	PASS
			RB25#0	19.50	3.20	22.70	0.186	2	PASS
	HCH	QPSK	RB1#0	21.40	3.20	24.60	0.288	2	PASS
			RB1#13	21.61	3.20	24.81	0.303	2	PASS
			RB1#24	21.48	3.20	24.68	0.294	2	PASS
			RB12#0	20.43	3.20	23.63	0.231	2	PASS
			RB12#6	20.59	3.20	23.79	0.239	2	PASS
			RB12#13	20.54	3.20	23.74	0.237	2	PASS
			RB25#0	20.50	3.20	23.70	0.234	2	PASS
		16-QAM	RB1#0	20.97	3.20	24.17	0.261	2	PASS
			RB1#13	21.20	3.20	24.40	0.275	2	PASS
			RB1#24	21.04	3.20	24.24	0.265	2	PASS
			RB12#0	19.63	3.20	22.83	0.192	2	PASS
			RB12#6	19.80	3.20	23.00	0.200	2	PASS
			RB12#13	19.75	3.20	22.95	0.197	2	PASS
			RB25#0	19.71	3.20	22.91	0.195	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
10 MHz	LCH	QPSK	RB1#0	21.51	3.20	24.71	0.296	2	PASS
			RB1#25	21.74	3.20	24.94	0.312	2	PASS
			RB1#49	21.49	3.20	24.69	0.294	2	PASS
			RB25#0	20.64	3.20	23.84	0.242	2	PASS
			RB25#13	20.79	3.20	23.99	0.251	2	PASS
			RB25#25	20.65	3.20	23.85	0.243	2	PASS
			RB50#0	20.61	3.20	23.81	0.240	2	PASS
		16-QAM	RB1#0	20.43	3.20	23.63	0.231	2	PASS
			RB1#25	20.83	3.20	24.03	0.253	2	PASS
			RB1#49	20.52	3.20	23.72	0.236	2	PASS
			RB25#0	19.66	3.20	22.86	0.193	2	PASS
			RB25#13	19.87	3.20	23.07	0.203	2	PASS
			RB25#25	19.68	3.20	22.88	0.194	2	PASS
			RB50#0	19.68	3.20	22.88	0.194	2	PASS
	MCH	QPSK	RB1#0	21.33	3.20	24.53	0.284	2	PASS
			RB1#25	21.45	3.20	24.65	0.292	2	PASS
			RB1#49	21.15	3.20	24.35	0.272	2	PASS
			RB25#0	20.30	3.20	23.50	0.224	2	PASS
			RB25#13	20.45	3.20	23.65	0.232	2	PASS
			RB25#25	20.26	3.20	23.46	0.222	2	PASS
			RB50#0	20.27	3.20	23.47	0.222	2	PASS
		16-QAM	RB1#0	20.68	3.20	23.88	0.244	2	PASS
			RB1#25	20.95	3.20	24.15	0.260	2	PASS
			RB1#49	20.67	3.20	23.87	0.244	2	PASS
			RB25#0	19.39	3.20	22.59	0.182	2	PASS
			RB25#13	19.54	3.20	22.74	0.188	2	PASS
			RB25#25	19.34	3.20	22.54	0.179	2	PASS
			RB50#0	19.36	3.20	22.56	0.180	2	PASS
	HCH	QPSK	RB1#0	21.06	3.20	24.26	0.267	2	PASS
			RB1#25	21.45	3.20	24.65	0.292	2	PASS
			RB1#49	21.16	3.20	24.36	0.273	2	PASS
			RB25#0	20.14	3.20	23.34	0.216	2	PASS
			RB25#13	20.40	3.20	23.60	0.229	2	PASS
			RB25#25	20.28	3.20	23.48	0.223	2	PASS
			RB50#0	20.24	3.20	23.44	0.221	2	PASS
		16-QAM	RB1#0	20.25	3.20	23.45	0.221	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
			RB1#25	20.55	3.20	23.75	0.237	2	PASS
			RB1#49	20.42	3.20	23.62	0.230	2	PASS
			RB25#0	19.39	3.20	22.59	0.182	2	PASS
			RB25#13	19.54	3.20	22.74	0.188	2	PASS
			RB25#25	19.47	3.20	22.67	0.185	2	PASS
			RB50#0	19.33	3.20	22.53	0.179	2	PASS
15 MHz	LCH	QPSK	RB1#0	21.64	3.20	24.84	0.305	2	PASS
			RB1#38	21.80	3.20	25.00	0.316	2	PASS
			RB1#74	21.66	3.20	24.86	0.306	2	PASS
			RB36#0	20.72	3.20	23.92	0.247	2	PASS
			RB36#19	20.83	3.20	24.03	0.253	2	PASS
			RB36#39	20.70	3.20	23.90	0.245	2	PASS
			RB75#0	20.82	3.20	24.02	0.252	2	PASS
		16-QAM	RB1#0	21.22	3.20	24.42	0.277	2	PASS
			RB1#38	21.44	3.20	24.64	0.291	2	PASS
			RB1#74	21.33	3.20	24.53	0.284	2	PASS
			RB36#0	19.80	3.20	23.00	0.200	2	PASS
			RB36#19	19.93	3.20	23.13	0.206	2	PASS
			RB36#39	19.85	3.20	23.05	0.202	2	PASS
			RB75#0	19.84	3.20	23.04	0.201	2	PASS
	MCH	QPSK	RB1#0	21.40	3.20	24.60	0.288	2	PASS
			RB1#38	21.41	3.20	24.61	0.289	2	PASS
			RB1#74	21.35	3.20	24.55	0.285	2	PASS
			RB36#0	20.41	3.20	23.61	0.230	2	PASS
			RB36#19	20.48	3.20	23.68	0.233	2	PASS
			RB36#39	20.39	3.20	23.59	0.229	2	PASS
			RB75#0	20.35	3.20	23.55	0.226	2	PASS
		16-QAM	RB1#0	20.46	3.20	23.66	0.232	2	PASS
			RB1#38	20.48	3.20	23.68	0.233	2	PASS
			RB1#74	20.39	3.20	23.59	0.229	2	PASS
			RB36#0	19.46	3.20	22.66	0.185	2	PASS
			RB36#19	19.55	3.20	22.75	0.188	2	PASS
			RB36#39	19.49	3.20	22.69	0.186	2	PASS
			RB75#0	19.43	3.20	22.63	0.183	2	PASS
	HCH	QPSK	RB1#0	21.17	3.20	24.37	0.274	2	PASS
			RB1#38	21.39	3.20	24.59	0.288	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
			RB1#74	21.34	3.20	24.54	0.284	2	PASS
			RB36#0	20.28	3.20	23.48	0.223	2	PASS
			RB36#19	20.42	3.20	23.62	0.230	2	PASS
			RB36#39	20.40	3.20	23.60	0.229	2	PASS
			RB75#0	20.34	3.20	23.54	0.226	2	PASS
		16-QAM	RB1#0	20.59	3.20	23.79	0.239	2	PASS
			RB1#38	20.86	3.20	24.06	0.255	2	PASS
			RB1#74	20.85	3.20	24.05	0.254	2	PASS
			RB36#0	19.44	3.20	22.64	0.184	2	PASS
			RB36#19	19.57	3.20	22.77	0.189	2	PASS
			RB36#39	19.55	3.20	22.75	0.188	2	PASS
			RB75#0	19.47	3.20	22.67	0.185	2	PASS
20 MHz	LCH	QPSK	RB1#0	21.65	3.20	24.85	0.305	2	PASS
			RB1#50	21.80	3.20	25.00	0.316	2	PASS
			RB1#99	21.80	3.20	25.00	0.316	2	PASS
			RB50#0	20.64	3.20	23.84	0.242	2	PASS
			RB50#25	20.85	3.20	24.05	0.254	2	PASS
			RB50#50	20.78	3.20	23.98	0.250	2	PASS
			RB100#0	20.71	3.20	23.91	0.246	2	PASS
		16-QAM	RB1#0	21.03	3.20	24.23	0.265	2	PASS
			RB1#50	21.36	3.20	24.56	0.286	2	PASS
			RB1#99	21.28	3.20	24.48	0.281	2	PASS
			RB50#0	19.74	3.20	22.94	0.197	2	PASS
			RB50#25	19.86	3.20	23.06	0.202	2	PASS
			RB50#50	19.84	3.20	23.04	0.201	2	PASS
			RB100#0	19.75	3.20	22.95	0.197	2	PASS
	MCH	QPSK	RB1#0	21.53	3.20	24.73	0.297	2	PASS
			RB1#50	21.45	3.20	24.65	0.292	2	PASS
			RB1#99	21.32	3.20	24.52	0.283	2	PASS
			RB50#0	20.29	3.20	23.49	0.223	2	PASS
			RB50#25	20.42	3.20	23.62	0.230	2	PASS
			RB50#50	20.23	3.20	23.43	0.220	2	PASS
			RB100#0	20.23	3.20	23.43	0.220	2	PASS
		16-QAM	RB1#0	21.02	3.20	24.22	0.264	2	PASS
			RB1#50	21.04	3.20	24.24	0.265	2	PASS
			RB1#99	20.88	3.20	24.08	0.256	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 7									
			RB50#0	19.48	3.20	22.68	0.185	2	PASS
			RB50#25	19.52	3.20	22.72	0.187	2	PASS
			RB50#50	19.37	3.20	22.57	0.181	2	PASS
			RB100#0	19.33	3.20	22.53	0.179	2	PASS
	HCH	QPSK	RB1#0	21.18	3.20	24.38	0.274	2	PASS
			RB1#50	21.37	3.20	24.57	0.286	2	PASS
			RB1#99	21.25	3.20	24.45	0.279	2	PASS
			RB50#0	20.09	3.20	23.29	0.213	2	PASS
			RB50#25	20.37	3.20	23.57	0.228	2	PASS
			RB50#50	20.31	3.20	23.51	0.224	2	PASS
			RB100#0	20.41	3.20	23.61	0.230	2	PASS
		16-QAM	RB1#0	20.73	3.20	23.93	0.247	2	PASS
			RB1#50	21.07	3.20	24.27	0.267	2	PASS
			RB1#99	20.95	3.20	24.15	0.260	2	PASS
			RB50#0	19.30	3.20	22.50	0.178	2	PASS
			RB50#25	19.60	3.20	22.80	0.191	2	PASS
			RB50#50	19.48	3.20	22.68	0.185	2	PASS
			RB100#0	19.53	3.20	22.73	0.187	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
5 MHz	LCH	QPSK	RB1#0	22.12	1.64	23.76	0.238	2	PASS
			RB1#13	22.25	1.64	23.89	0.245	2	PASS
			RB1#24	22.09	1.64	23.73	0.236	2	PASS
			RB12#0	21.15	1.64	22.79	0.190	2	PASS
			RB12#6	21.24	1.64	22.88	0.194	2	PASS
			RB12#13	21.17	1.64	22.81	0.191	2	PASS
			RB25#0	21.14	1.64	22.78	0.190	2	PASS
		16-QAM	RB1#0	21.51	1.64	23.15	0.207	2	PASS
			RB1#13	21.69	1.64	23.33	0.215	2	PASS
			RB1#24	21.54	1.64	23.18	0.208	2	PASS
			RB12#0	20.21	1.64	21.85	0.153	2	PASS
			RB12#6	20.31	1.64	21.95	0.157	2	PASS
			RB12#13	20.21	1.64	21.85	0.153	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
			RB25#0	20.13	1.64	21.77	0.150	2	PASS
	MCH	QPSK	RB1#0	21.88	1.64	23.52	0.225	2	PASS
			RB1#13	22.06	1.64	23.70	0.234	2	PASS
			RB1#24	21.72	1.64	23.36	0.217	2	PASS
			RB12#0	20.99	1.64	22.63	0.183	2	PASS
			RB12#6	21.07	1.64	22.71	0.187	2	PASS
			RB12#13	20.94	1.64	22.58	0.181	2	PASS
			RB25#0	20.97	1.64	22.61	0.182	2	PASS
		16-QAM	RB1#0	21.12	1.64	22.76	0.189	2	PASS
			RB1#13	21.35	1.64	22.99	0.199	2	PASS
			RB1#24	21.00	1.64	22.64	0.184	2	PASS
			RB12#0	20.01	1.64	21.65	0.146	2	PASS
			RB12#6	20.09	1.64	21.73	0.149	2	PASS
			RB12#13	19.96	1.64	21.60	0.145	2	PASS
			RB25#0	19.95	1.64	21.59	0.144	2	PASS
	HCH	QPSK	RB1#0	21.82	1.64	23.46	0.222	2	PASS
			RB1#13	21.92	1.64	23.56	0.227	2	PASS
			RB1#24	21.73	1.64	23.37	0.217	2	PASS
			RB12#0	20.85	1.64	22.49	0.177	2	PASS
			RB12#6	20.92	1.64	22.56	0.180	2	PASS
			RB12#13	20.79	1.64	22.43	0.175	2	PASS
			RB25#0	20.82	1.64	22.46	0.176	2	PASS
		16-QAM	RB1#0	21.13	1.64	22.77	0.189	2	PASS
			RB1#13	21.28	1.64	22.92	0.196	2	PASS
			RB1#24	21.09	1.64	22.73	0.187	2	PASS
			RB12#0	19.82	1.64	21.46	0.140	2	PASS
			RB12#6	19.89	1.64	21.53	0.142	2	PASS
			RB12#13	19.81	1.64	21.45	0.140	2	PASS
			RB25#0	19.83	1.64	21.47	0.140	2	PASS
10 MHz	LCH	QPSK	RB1#0	22.04	1.64	23.68	0.233	2	PASS
			RB1#25	22.38	1.64	24.02	0.252	2	PASS
			RB1#49	21.99	1.64	23.63	0.231	2	PASS
			RB25#0	21.13	1.64	22.77	0.189	2	PASS
			RB25#13	21.31	1.64	22.95	0.197	2	PASS
			RB25#25	21.13	1.64	22.77	0.189	2	PASS
			RB50#0	21.14	1.64	22.78	0.190	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
		16-QAM	RB1#0	21.42	1.64	23.06	0.202	2	PASS
			RB1#25	21.82	1.64	23.46	0.222	2	PASS
			RB1#49	21.43	1.64	23.07	0.203	2	PASS
			RB25#0	20.06	1.64	21.70	0.148	2	PASS
			RB25#13	20.31	1.64	21.95	0.157	2	PASS
			RB25#25	20.12	1.64	21.76	0.150	2	PASS
			RB50#0	20.14	1.64	21.78	0.151	2	PASS
	MCH	QPSK	RB1#0	21.85	1.64	23.49	0.223	2	PASS
			RB1#25	22.12	1.64	23.76	0.238	2	PASS
			RB1#49	21.58	1.64	23.22	0.210	2	PASS
			RB25#0	21.01	1.64	22.65	0.184	2	PASS
			RB25#13	21.10	1.64	22.74	0.188	2	PASS
			RB25#25	20.88	1.64	22.52	0.179	2	PASS
			RB50#0	20.94	1.64	22.58	0.181	2	PASS
		16-QAM	RB1#0	21.15	1.64	22.79	0.190	2	PASS
			RB1#25	21.47	1.64	23.11	0.205	2	PASS
			RB1#49	20.92	1.64	22.56	0.180	2	PASS
			RB25#0	19.93	1.64	21.57	0.144	2	PASS
			RB25#13	20.04	1.64	21.68	0.147	2	PASS
			RB25#25	19.82	1.64	21.46	0.140	2	PASS
			RB50#0	19.86	1.64	21.50	0.141	2	PASS
	HCH	QPSK	RB1#0	21.76	1.64	23.40	0.219	2	PASS
			RB1#25	21.95	1.64	23.59	0.229	2	PASS
			RB1#49	21.66	1.64	23.30	0.214	2	PASS
			RB25#0	20.75	1.64	22.39	0.173	2	PASS
			RB25#13	20.91	1.64	22.55	0.180	2	PASS
			RB25#25	20.81	1.64	22.45	0.176	2	PASS
			RB50#0	20.75	1.64	22.39	0.173	2	PASS
		16-QAM	RB1#0	21.21	1.64	22.85	0.193	2	PASS
			RB1#25	21.46	1.64	23.10	0.204	2	PASS
			RB1#49	21.17	1.64	22.81	0.191	2	PASS
			RB25#0	19.72	1.64	21.36	0.137	2	PASS
			RB25#13	19.92	1.64	21.56	0.143	2	PASS
			RB25#25	19.71	1.64	21.35	0.136	2	PASS
			RB50#0	19.74	1.64	21.38	0.137	2	PASS
15 MHz	LCH	QPSK	RB1#0	22.11	1.64	23.75	0.237	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
			RB1#38	22.26	1.64	23.90	0.245	2	PASS
			RB1#74	21.97	1.64	23.61	0.230	2	PASS
			RB36#0	21.23	1.64	22.87	0.194	2	PASS
			RB36#19	21.28	1.64	22.92	0.196	2	PASS
			RB36#39	21.13	1.64	22.77	0.189	2	PASS
			RB75#0	21.17	1.64	22.81	0.191	2	PASS
		16-QAM	RB1#0	21.41	1.64	23.05	0.202	2	PASS
			RB1#38	21.60	1.64	23.24	0.211	2	PASS
			RB1#74	21.31	1.64	22.95	0.197	2	PASS
			RB36#0	20.09	1.64	21.73	0.149	2	PASS
			RB36#19	20.25	1.64	21.89	0.155	2	PASS
			RB36#39	20.10	1.64	21.74	0.149	2	PASS
			RB75#0	20.16	1.64	21.80	0.151	2	PASS
	MCH	QPSK	RB1#0	21.94	1.64	23.58	0.228	2	PASS
			RB1#38	22.09	1.64	23.73	0.236	2	PASS
			RB1#74	21.64	1.64	23.28	0.213	2	PASS
			RB36#0	21.08	1.64	22.72	0.187	2	PASS
			RB36#19	21.09	1.64	22.73	0.187	2	PASS
			RB36#39	20.80	1.64	22.44	0.175	2	PASS
			RB75#0	20.98	1.64	22.62	0.183	2	PASS
		16-QAM	RB1#0	21.47	1.64	23.11	0.205	2	PASS
			RB1#38	21.62	1.64	23.26	0.212	2	PASS
			RB1#74	21.16	1.64	22.80	0.191	2	PASS
			RB36#0	20.01	1.64	21.65	0.146	2	PASS
			RB36#19	20.02	1.64	21.66	0.147	2	PASS
			RB36#39	19.78	1.64	21.42	0.139	2	PASS
			RB75#0	19.94	1.64	21.58	0.144	2	PASS
	HCH	QPSK	RB1#0	21.73	1.64	23.37	0.217	2	PASS
			RB1#38	21.90	1.64	23.54	0.226	2	PASS
			RB1#74	21.75	1.64	23.39	0.218	2	PASS
			RB36#0	20.84	1.64	22.48	0.177	2	PASS
			RB36#19	20.89	1.64	22.53	0.179	2	PASS
			RB36#39	20.77	1.64	22.41	0.174	2	PASS
			RB75#0	20.79	1.64	22.43	0.175	2	PASS
		16-QAM	RB1#0	21.09	1.64	22.73	0.187	2	PASS
			RB1#38	21.27	1.64	22.91	0.195	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
			RB1#74	21.13	1.64	22.77	0.189	2	PASS
			RB36#0	19.80	1.64	21.44	0.139	2	PASS
			RB36#19	19.96	1.64	21.60	0.145	2	PASS
			RB36#39	19.83	1.64	21.47	0.140	2	PASS
			RB75#0	19.84	1.64	21.48	0.141	2	PASS
20 MHz	LCH	QPSK	RB1#0	21.98	1.64	23.62	0.230	2	PASS
			RB1#50	22.27	1.64	23.91	0.246	2	PASS
			RB1#99	21.80	1.64	23.44	0.221	2	PASS
			RB50#0	21.12	1.64	22.76	0.189	2	PASS
			RB50#25	21.20	1.64	22.84	0.192	2	PASS
			RB50#50	21.02	1.64	22.66	0.185	2	PASS
			RB100#0	21.05	1.64	22.69	0.186	2	PASS
		16-QAM	RB1#0	21.30	1.64	22.94	0.197	2	PASS
			RB1#50	21.61	1.64	23.25	0.211	2	PASS
			RB1#99	21.17	1.64	22.81	0.191	2	PASS
			RB50#0	20.02	1.64	21.66	0.147	2	PASS
			RB50#25	20.12	1.64	21.76	0.150	2	PASS
			RB50#50	20.00	1.64	21.64	0.146	2	PASS
			RB100#0	19.97	1.64	21.61	0.145	2	PASS
	MCH	QPSK	RB1#0	21.91	1.64	23.55	0.226	2	PASS
			RB1#50	22.10	1.64	23.74	0.237	2	PASS
			RB1#99	21.57	1.64	23.21	0.209	2	PASS
			RB50#0	20.97	1.64	22.61	0.182	2	PASS
			RB50#25	21.02	1.64	22.66	0.185	2	PASS
			RB50#50	20.68	1.64	22.32	0.171	2	PASS
			RB100#0	20.84	1.64	22.48	0.177	2	PASS
		16-QAM	RB1#0	21.16	1.64	22.80	0.191	2	PASS
			RB1#50	21.30	1.64	22.94	0.197	2	PASS
			RB1#99	20.78	1.64	22.42	0.175	2	PASS
			RB50#0	19.91	1.64	21.55	0.143	2	PASS
			RB50#25	20.00	1.64	21.64	0.146	2	PASS
			RB50#50	19.67	1.64	21.31	0.135	2	PASS
			RB100#0	19.85	1.64	21.49	0.141	2	PASS
	HCH	QPSK	RB1#0	21.64	1.64	23.28	0.213	2	PASS
			RB1#50	22.02	1.64	23.66	0.232	2	PASS
			RB1#99	21.62	1.64	23.26	0.212	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 38									
			RB50#0	20.67	1.64	22.31	0.170	2	PASS
			RB50#25	20.91	1.64	22.55	0.180	2	PASS
			RB50#50	20.70	1.64	22.34	0.171	2	PASS
			RB100#0	20.77	1.64	22.41	0.174	2	PASS
		16-QAM	RB1#0	21.01	1.64	22.65	0.184	2	PASS
			RB1#50	21.43	1.64	23.07	0.203	2	PASS
			RB1#99	21.04	1.64	22.68	0.185	2	PASS
			RB50#0	19.65	1.64	21.29	0.135	2	PASS
			RB50#25	19.90	1.64	21.54	0.143	2	PASS
			RB50#50	19.74	1.64	21.38	0.137	2	PASS
			RB100#0	19.71	1.64	21.35	0.136	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
5 MHz	LCH	QPSK	RB1#0	21.71	3.20	24.91	0.310	2	PASS
			RB1#13	22.01	3.20	25.21	0.332	2	PASS
			RB1#24	21.91	3.20	25.11	0.324	2	PASS
			RB12#0	20.96	3.20	24.16	0.261	2	PASS
			RB12#6	21.16	3.20	24.36	0.273	2	PASS
			RB12#13	21.12	3.20	24.32	0.270	2	PASS
			RB25#0	21.03	3.20	24.23	0.265	2	PASS
		16-QAM	RB1#0	21.17	3.20	24.37	0.274	2	PASS
			RB1#13	21.51	3.20	24.71	0.296	2	PASS
			RB1#24	21.37	3.20	24.57	0.286	2	PASS
			RB12#0	19.96	3.20	23.16	0.207	2	PASS
			RB12#6	20.06	3.20	23.26	0.212	2	PASS
			RB12#13	20.02	3.20	23.22	0.210	2	PASS
			RB25#0	19.97	3.20	23.17	0.207	2	PASS
	MCH	QPSK	RB1#0	21.74	3.20	24.94	0.312	2	PASS
			RB1#13	21.87	3.20	25.07	0.321	2	PASS
			RB1#24	21.62	3.20	24.82	0.303	2	PASS
			RB12#0	20.80	3.20	24.00	0.251	2	PASS
			RB12#6	20.86	3.20	24.06	0.255	2	PASS
			RB12#13	20.77	3.20	23.97	0.249	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
			RB25#0	20.80	3.20	24.00	0.251	2	PASS
		16-QAM	RB1#0	21.14	3.20	24.34	0.272	2	PASS
			RB1#13	21.37	3.20	24.57	0.286	2	PASS
			RB1#24	21.03	3.20	24.23	0.265	2	PASS
			RB12#0	19.92	3.20	23.12	0.205	2	PASS
			RB12#6	19.99	3.20	23.19	0.208	2	PASS
			RB12#13	19.86	3.20	23.06	0.202	2	PASS
			RB25#0	19.79	3.20	22.99	0.199	2	PASS
	HCH	QPSK	RB1#0	21.44	3.20	24.64	0.291	2	PASS
			RB1#13	21.58	3.20	24.78	0.301	2	PASS
			RB1#24	21.35	3.20	24.55	0.285	2	PASS
			RB12#0	20.37	3.20	23.57	0.228	2	PASS
			RB12#6	20.52	3.20	23.72	0.236	2	PASS
			RB12#13	20.37	3.20	23.57	0.228	2	PASS
			RB25#0	20.41	3.20	23.61	0.230	2	PASS
		16-QAM	RB1#0	20.61	3.20	23.81	0.240	2	PASS
			RB1#13	20.84	3.20	24.04	0.254	2	PASS
			RB1#24	20.60	3.20	23.80	0.240	2	PASS
			RB12#0	19.42	3.20	22.62	0.183	2	PASS
			RB12#6	19.52	3.20	22.72	0.187	2	PASS
			RB12#13	19.38	3.20	22.58	0.181	2	PASS
			RB25#0	19.38	3.20	22.58	0.181	2	PASS
10 MHz	LCH	QPSK	RB1#0	21.63	3.20	24.83	0.304	2	PASS
			RB1#25	22.06	3.20	25.26	0.336	2	PASS
			RB1#49	21.73	3.20	24.93	0.311	2	PASS
			RB25#0	20.95	3.20	24.15	0.260	2	PASS
			RB25#13	21.16	3.20	24.36	0.273	2	PASS
			RB25#25	21.04	3.20	24.24	0.265	2	PASS
			RB50#0	20.96	3.20	24.16	0.261	2	PASS
		16-QAM	RB1#0	21.03	3.20	24.23	0.265	2	PASS
			RB1#25	21.52	3.20	24.72	0.296	2	PASS
			RB1#49	21.22	3.20	24.42	0.277	2	PASS
			RB25#0	19.94	3.20	23.14	0.206	2	PASS
			RB25#13	20.16	3.20	23.36	0.217	2	PASS
			RB25#25	20.04	3.20	23.24	0.211	2	PASS
			RB50#0	19.96	3.20	23.16	0.207	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
	MCH	QPSK	RB1#0	21.66	3.20	24.86	0.306	2	PASS
			RB1#25	21.85	3.20	25.05	0.320	2	PASS
			RB1#49	21.47	3.20	24.67	0.293	2	PASS
			RB25#0	20.66	3.20	23.86	0.243	2	PASS
			RB25#13	20.76	3.20	23.96	0.249	2	PASS
			RB25#25	20.54	3.20	23.74	0.237	2	PASS
			RB50#0	20.59	3.20	23.79	0.239	2	PASS
		16-QAM	RB1#0	21.07	3.20	24.27	0.267	2	PASS
			RB1#25	21.34	3.20	24.54	0.284	2	PASS
			RB1#49	20.93	3.20	24.13	0.259	2	PASS
			RB25#0	19.70	3.20	22.90	0.195	2	PASS
			RB25#13	19.81	3.20	23.01	0.200	2	PASS
			RB25#25	19.58	3.20	22.78	0.190	2	PASS
			RB50#0	19.66	3.20	22.86	0.193	2	PASS
	HCH	QPSK	RB1#0	21.29	3.20	24.49	0.281	2	PASS
			RB1#25	21.58	3.20	24.78	0.301	2	PASS
			RB1#49	21.25	3.20	24.45	0.279	2	PASS
			RB25#0	20.24	3.20	23.44	0.221	2	PASS
			RB25#13	20.47	3.20	23.67	0.233	2	PASS
			RB25#25	20.26	3.20	23.46	0.222	2	PASS
			RB50#0	20.28	3.20	23.48	0.223	2	PASS
		16-QAM	RB1#0	20.67	3.20	23.87	0.244	2	PASS
			RB1#25	20.97	3.20	24.17	0.261	2	PASS
			RB1#49	20.66	3.20	23.86	0.243	2	PASS
			RB25#0	19.27	3.20	22.47	0.177	2	PASS
			RB25#13	19.42	3.20	22.62	0.183	2	PASS
			RB25#25	19.27	3.20	22.47	0.177	2	PASS
			RB50#0	19.26	3.20	22.46	0.176	2	PASS
15 MHz	LCH	QPSK	RB1#0	21.81	3.20	25.01	0.317	2	PASS
			RB1#38	22.10	3.20	25.30	0.339	2	PASS
			RB1#74	21.68	3.20	24.88	0.308	2	PASS
			RB36#0	21.19	3.20	24.39	0.275	2	PASS
			RB36#19	21.27	3.20	24.47	0.280	2	PASS
			RB36#39	21.09	3.20	24.29	0.269	2	PASS
			RB75#0	21.10	3.20	24.30	0.269	2	PASS
		16-QAM	RB1#0	21.27	3.20	24.47	0.280	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
			RB1#38	21.60	3.20	24.80	0.302	2	PASS
			RB1#74	21.24	3.20	24.44	0.278	2	PASS
			RB36#0	20.21	3.20	23.41	0.219	2	PASS
			RB36#19	20.25	3.20	23.45	0.221	2	PASS
			RB36#39	20.07	3.20	23.27	0.212	2	PASS
			RB75#0	20.11	3.20	23.31	0.214	2	PASS
	MCH	QPSK	RB1#0	21.80	3.20	25.00	0.316	2	PASS
			RB1#38	21.83	3.20	25.03	0.318	2	PASS
			RB1#74	21.65	3.20	24.85	0.305	2	PASS
			RB36#0	20.89	3.20	24.09	0.256	2	PASS
			RB36#19	20.90	3.20	24.10	0.257	2	PASS
			RB36#39	20.70	3.20	23.90	0.245	2	PASS
			RB75#0	20.78	3.20	23.98	0.250	2	PASS
		16-QAM	RB1#0	21.27	3.20	24.47	0.280	2	PASS
			RB1#38	21.44	3.20	24.64	0.291	2	PASS
			RB1#74	21.11	3.20	24.31	0.270	2	PASS
			RB36#0	19.87	3.20	23.07	0.203	2	PASS
			RB36#19	19.88	3.20	23.08	0.203	2	PASS
			RB36#39	19.69	3.20	22.89	0.195	2	PASS
			RB75#0	19.78	3.20	22.98	0.199	2	PASS
	HCH	QPSK	RB1#0	21.45	3.20	24.65	0.292	2	PASS
			RB1#38	21.61	3.20	24.81	0.303	2	PASS
			RB1#74	21.34	3.20	24.54	0.284	2	PASS
			RB36#0	20.39	3.20	23.59	0.229	2	PASS
			RB36#19	20.50	3.20	23.70	0.234	2	PASS
			RB36#39	20.38	3.20	23.58	0.228	2	PASS
			RB75#0	20.37	3.20	23.57	0.228	2	PASS
		16-QAM	RB1#0	20.74	3.20	23.94	0.248	2	PASS
			RB1#38	20.89	3.20	24.09	0.256	2	PASS
			RB1#74	20.67	3.20	23.87	0.244	2	PASS
			RB36#0	19.39	3.20	22.59	0.182	2	PASS
			RB36#19	19.49	3.20	22.69	0.186	2	PASS
			RB36#39	19.38	3.20	22.58	0.181	2	PASS
			RB75#0	19.35	3.20	22.55	0.180	2	PASS
20 MHz	LCH	QPSK	RB1#0	21.82	3.20	25.02	0.318	2	PASS
			RB1#50	22.04	3.20	25.24	0.334	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
			RB1#99	21.32	3.20	24.52	0.283	2	PASS
			RB50#0	21.10	3.20	24.30	0.269	2	PASS
			RB50#25	21.17	3.20	24.37	0.274	2	PASS
			RB50#50	20.85	3.20	24.05	0.254	2	PASS
			RB100#0	20.95	3.20	24.15	0.260	2	PASS
		16-QAM	RB1#0	21.25	3.20	24.45	0.279	2	PASS
			RB1#50	21.59	3.20	24.79	0.301	2	PASS
			RB1#99	20.82	3.20	24.02	0.252	2	PASS
			RB50#0	20.03	3.20	23.23	0.210	2	PASS
			RB50#25	20.15	3.20	23.35	0.216	2	PASS
			RB50#50	19.84	3.20	23.04	0.201	2	PASS
			RB100#0	19.94	3.20	23.14	0.206	2	PASS
	MCH	QPSK	RB1#0	21.63	3.20	24.83	0.304	2	PASS
			RB1#50	21.81	3.20	25.01	0.317	2	PASS
			RB1#99	21.45	3.20	24.65	0.292	2	PASS
			RB50#0	20.74	3.20	23.94	0.248	2	PASS
			RB50#25	20.79	3.20	23.99	0.251	2	PASS
			RB50#50	20.51	3.20	23.71	0.235	2	PASS
			RB100#0	20.62	3.20	23.82	0.241	2	PASS
		16-QAM	RB1#0	20.88	3.20	24.08	0.256	2	PASS
			RB1#50	21.09	3.20	24.29	0.269	2	PASS
			RB1#99	20.60	3.20	23.80	0.240	2	PASS
			RB50#0	19.70	3.20	22.90	0.195	2	PASS
			RB50#25	19.80	3.20	23.00	0.200	2	PASS
			RB50#50	19.52	3.20	22.72	0.187	2	PASS
			RB100#0	19.64	3.20	22.84	0.192	2	PASS
	HCH	QPSK	RB1#0	21.47	3.20	24.67	0.293	2	PASS
			RB1#50	21.63	3.20	24.83	0.304	2	PASS
			RB1#99	21.33	3.20	24.53	0.284	2	PASS
			RB50#0	20.28	3.20	23.48	0.223	2	PASS
			RB50#25	20.46	3.20	23.66	0.232	2	PASS
			RB50#50	20.36	3.20	23.56	0.227	2	PASS
			RB100#0	20.30	3.20	23.50	0.224	2	PASS
		16-QAM	RB1#0	20.81	3.20	24.01	0.252	2	PASS
			RB1#50	20.96	3.20	24.16	0.261	2	PASS
			RB1#99	20.63	3.20	23.83	0.242	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
TDD LTE Band 41									
			RB50#0	19.34	3.20	22.54	0.179	2	PASS
			RB50#25	19.43	3.20	22.63	0.183	2	PASS
			RB50#50	19.34	3.20	22.54	0.179	2	PASS
			RB100#0	19.23	3.20	22.43	0.175	2	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
1.4 MHz	LCH	QPSK	RB1#0	23.33	3.12	26.45	0.442	1	PASS
			RB1#3	23.33	3.12	26.45	0.442	1	PASS
			RB1#5	23.26	3.12	26.38	0.435	1	PASS
			RB3#0	23.27	3.12	26.39	0.436	1	PASS
			RB3#2	23.27	3.12	26.39	0.436	1	PASS
			RB3#3	23.26	3.12	26.38	0.435	1	PASS
			RB6#0	23.27	3.12	26.39	0.436	1	PASS
		16-QAM	RB1#0	23.31	3.12	26.43	0.440	1	PASS
			RB1#3	23.36	3.12	26.48	0.445	1	PASS
			RB1#5	23.30	3.12	26.42	0.439	1	PASS
			RB3#0	23.26	3.12	26.38	0.435	1	PASS
			RB3#2	23.27	3.12	26.39	0.436	1	PASS
			RB3#3	23.26	3.12	26.38	0.435	1	PASS
			RB6#0	23.34	3.12	26.46	0.443	1	PASS
	MCH	QPSK	RB1#0	23.17	3.12	26.29	0.426	1	PASS
			RB1#3	23.19	3.12	26.31	0.428	1	PASS
			RB1#5	23.15	3.12	26.27	0.424	1	PASS
			RB3#0	23.16	3.12	26.28	0.425	1	PASS
			RB3#2	23.17	3.12	26.29	0.426	1	PASS
			RB3#3	23.16	3.12	26.28	0.425	1	PASS
			RB6#0	23.16	3.12	26.28	0.425	1	PASS
		16-QAM	RB1#0	23.46	3.12	26.58	0.455	1	PASS
			RB1#3	23.48	3.12	26.60	0.457	1	PASS
			RB1#5	23.48	3.12	26.60	0.457	1	PASS
			RB3#0	23.31	3.12	26.43	0.440	1	PASS
			RB3#2	23.33	3.12	26.45	0.442	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB3#3	23.33	3.12	26.45	0.442	1	PASS
			RB6#0	23.04	3.12	26.16	0.413	1	PASS
	HCH	QPSK	RB1#0	23.09	3.12	26.21	0.418	1	PASS
			RB1#3	23.09	3.12	26.21	0.418	1	PASS
			RB1#5	23.04	3.12	26.16	0.413	1	PASS
			RB3#0	23.09	3.12	26.21	0.418	1	PASS
			RB3#2	23.09	3.12	26.21	0.418	1	PASS
			RB3#3	23.08	3.12	26.20	0.417	1	PASS
			RB6#0	23.05	3.12	26.17	0.414	1	PASS
		16-QAM	RB1#0	23.05	3.12	26.17	0.414	1	PASS
			RB1#3	23.09	3.12	26.21	0.418	1	PASS
			RB1#5	23.02	3.12	26.14	0.411	1	PASS
			RB3#0	23.22	3.12	26.34	0.431	1	PASS
			RB3#2	23.22	3.12	26.34	0.431	1	PASS
			RB3#3	23.21	3.12	26.33	0.430	1	PASS
			RB6#0	23.19	3.12	26.31	0.428	1	PASS
3 MHz	LCH	QPSK	RB1#0	23.08	3.12	26.20	0.417	1	PASS
			RB1#7	23.15	3.12	26.27	0.424	1	PASS
			RB1#14	22.98	3.12	26.10	0.407	1	PASS
			RB8#0	23.14	3.12	26.26	0.423	1	PASS
			RB8#4	23.16	3.12	26.28	0.425	1	PASS
			RB8#7	23.11	3.12	26.23	0.420	1	PASS
			RB15#0	23.11	3.12	26.23	0.420	1	PASS
		16-QAM	RB1#0	22.94	3.12	26.06	0.404	1	PASS
			RB1#7	23.05	3.12	26.17	0.414	1	PASS
			RB1#14	22.88	3.12	26.00	0.398	1	PASS
			RB8#0	23.21	3.12	26.33	0.430	1	PASS
			RB8#4	23.21	3.12	26.33	0.430	1	PASS
			RB8#7	23.16	3.12	26.28	0.425	1	PASS
			RB15#0	23.12	3.12	26.24	0.421	1	PASS
	MCH	QPSK	RB1#0	22.98	3.12	26.10	0.407	1	PASS
			RB1#7	23.12	3.12	26.24	0.421	1	PASS
			RB1#14	23.01	3.12	26.13	0.410	1	PASS
			RB8#0	23.05	3.12	26.17	0.414	1	PASS
			RB8#4	23.09	3.12	26.21	0.418	1	PASS
			RB8#7	23.08	3.12	26.20	0.417	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB15#0	23.04	3.12	26.16	0.413	1	PASS
		16-QAM	RB1#0	23.28	3.12	26.40	0.437	1	PASS
			RB1#7	23.44	3.12	26.56	0.453	1	PASS
			RB1#14	23.33	3.12	26.45	0.442	1	PASS
			RB8#0	23.12	3.12	26.24	0.421	1	PASS
			RB8#4	23.17	3.12	26.29	0.426	1	PASS
			RB8#7	23.14	3.12	26.26	0.423	1	PASS
			RB15#0	23.06	3.12	26.18	0.415	1	PASS
	HCH	QPSK	RB1#0	22.90	3.12	26.02	0.400	1	PASS
			RB1#7	23.04	3.12	26.16	0.413	1	PASS
			RB1#14	22.87	3.12	25.99	0.397	1	PASS
			RB8#0	22.99	3.12	26.11	0.408	1	PASS
			RB8#4	23.01	3.12	26.13	0.410	1	PASS
			RB8#7	22.97	3.12	26.09	0.406	1	PASS
			RB15#0	22.99	3.12	26.11	0.408	1	PASS
		16-QAM	RB1#0	22.88	3.12	26.00	0.398	1	PASS
			RB1#7	23.03	3.12	26.15	0.412	1	PASS
			RB1#14	22.86	3.12	25.98	0.396	1	PASS
			RB8#0	23.02	3.12	26.14	0.411	1	PASS
			RB8#4	23.04	3.12	26.16	0.413	1	PASS
			RB8#7	23.00	3.12	26.12	0.409	1	PASS
			RB15#0	22.93	3.12	26.05	0.403	1	PASS
5 MHz	LCH	QPSK	RB1#0	22.95	3.12	26.07	0.405	1	PASS
			RB1#13	23.16	3.12	26.28	0.425	1	PASS
			RB1#24	22.69	3.12	25.81	0.381	1	PASS
			RB12#0	23.02	3.12	26.14	0.411	1	PASS
			RB12#6	23.08	3.12	26.20	0.417	1	PASS
			RB12#13	22.92	3.12	26.04	0.402	1	PASS
			RB25#0	22.97	3.12	26.09	0.406	1	PASS
		16-QAM	RB1#0	22.99	3.12	26.11	0.408	1	PASS
			RB1#13	23.24	3.12	26.36	0.433	1	PASS
			RB1#24	22.81	3.12	25.93	0.392	1	PASS
			RB12#0	23.07	3.12	26.19	0.416	1	PASS
			RB12#6	23.12	3.12	26.24	0.421	1	PASS
			RB12#13	22.96	3.12	26.08	0.406	1	PASS
			RB25#0	22.97	3.12	26.09	0.406	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
	MCH	QPSK	RB1#0	22.76	3.12	25.88	0.387	1	PASS
			RB1#13	23.12	3.12	26.24	0.421	1	PASS
			RB1#24	22.87	3.12	25.99	0.397	1	PASS
			RB12#0	22.94	3.12	26.06	0.404	1	PASS
			RB12#6	23.06	3.12	26.18	0.415	1	PASS
			RB12#13	22.99	3.12	26.11	0.408	1	PASS
			RB25#0	22.97	3.12	26.09	0.406	1	PASS
		16-QAM	RB1#0	23.17	3.12	26.29	0.426	1	PASS
			RB1#13	23.56	3.12	26.68	0.466	1	PASS
			RB1#24	23.31	3.12	26.43	0.440	1	PASS
			RB12#0	23.06	3.12	26.18	0.415	1	PASS
			RB12#6	23.18	3.12	26.30	0.427	1	PASS
			RB12#13	23.12	3.12	26.24	0.421	1	PASS
			RB25#0	23.03	3.12	26.15	0.412	1	PASS
	HCH	QPSK	RB1#0	22.57	3.12	25.69	0.371	1	PASS
			RB1#13	23.00	3.12	26.12	0.409	1	PASS
			RB1#24	22.67	3.12	25.79	0.379	1	PASS
			RB12#0	22.82	3.12	25.94	0.393	1	PASS
			RB12#6	22.96	3.12	26.08	0.406	1	PASS
			RB12#13	22.89	3.12	26.01	0.399	1	PASS
			RB25#0	22.86	3.12	25.98	0.396	1	PASS
		16-QAM	RB1#0	22.67	3.12	25.79	0.379	1	PASS
			RB1#13	23.10	3.12	26.22	0.419	1	PASS
			RB1#24	22.78	3.12	25.90	0.389	1	PASS
			RB12#0	22.86	3.12	25.98	0.396	1	PASS
			RB12#6	23.00	3.12	26.12	0.409	1	PASS
			RB12#13	22.93	3.12	26.05	0.403	1	PASS
			RB25#0	22.82	3.12	25.94	0.393	1	PASS
10 MHz	LCH	QPSK	RB1#0	22.42	3.12	25.54	0.358	1	PASS
			RB1#25	22.81	3.12	25.93	0.392	1	PASS
			RB1#49	21.89	3.12	25.01	0.317	1	PASS
			RB25#0	22.72	3.12	25.84	0.384	1	PASS
			RB25#13	22.74	3.12	25.86	0.385	1	PASS
			RB25#25	22.47	3.12	25.59	0.362	1	PASS
			RB50#0	22.59	3.12	25.71	0.372	1	PASS
		16-QAM	RB1#0	22.30	3.12	25.42	0.348	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB1#25	22.72	3.12	25.84	0.384	1	PASS
			RB1#49	21.84	3.12	24.96	0.313	1	PASS
			RB25#0	22.72	3.12	25.84	0.384	1	PASS
			RB25#13	22.75	3.12	25.87	0.386	1	PASS
			RB25#25	22.48	3.12	25.60	0.363	1	PASS
			RB50#0	22.58	3.12	25.70	0.372	1	PASS
	MCH	QPSK	RB1#0	22.18	3.12	25.30	0.339	1	PASS
			RB1#25	22.96	3.12	26.08	0.406	1	PASS
			RB1#49	22.44	3.12	25.56	0.360	1	PASS
			RB25#0	22.66	3.12	25.78	0.378	1	PASS
			RB25#13	22.89	3.12	26.01	0.399	1	PASS
			RB25#25	22.81	3.12	25.93	0.392	1	PASS
			RB50#0	22.73	3.12	25.85	0.385	1	PASS
		16-QAM	RB1#0	22.5	3.12	25.62	0.365	1	PASS
			RB1#25	23.30	3.12	26.42	0.439	1	PASS
			RB1#49	22.79	3.12	25.91	0.390	1	PASS
			RB25#0	22.69	3.12	25.81	0.381	1	PASS
			RB25#13	22.91	3.12	26.03	0.401	1	PASS
			RB25#25	22.83	3.12	25.95	0.394	1	PASS
			RB50#0	22.75	3.12	25.87	0.386	1	PASS
	HCH	QPSK	RB1#0	22.05	3.12	25.17	0.329	1	PASS
			RB1#25	22.70	3.12	25.82	0.382	1	PASS
			RB1#49	22.23	3.12	25.35	0.343	1	PASS
			RB25#0	22.44	3.12	25.56	0.360	1	PASS
			RB25#13	22.64	3.12	25.76	0.377	1	PASS
			RB25#25	22.62	3.12	25.74	0.375	1	PASS
			RB50#0	22.53	3.12	25.65	0.367	1	PASS
		16-QAM	RB1#0	22.04	3.12	25.16	0.328	1	PASS
			RB1#25	22.68	3.12	25.80	0.380	1	PASS
			RB1#49	22.23	3.12	25.35	0.343	1	PASS
			RB25#0	22.52	3.12	25.64	0.366	1	PASS
			RB25#13	22.72	3.12	25.84	0.384	1	PASS
			RB25#25	22.69	3.12	25.81	0.381	1	PASS
			RB50#0	22.55	3.12	25.67	0.369	1	PASS
15 MHz	LCH	QPSK	RB1#0	22.71	3.12	25.83	0.383	1	PASS
			RB1#38	22.61	3.12	25.73	0.374	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB1#74	22.15	3.12	25.27	0.337	1	PASS
			RB36#0	22.74	3.12	25.86	0.385	1	PASS
			RB36#19	22.62	3.12	25.74	0.375	1	PASS
			RB36#39	22.39	3.12	25.51	0.356	1	PASS
			RB75#0	22.54	3.12	25.66	0.368	1	PASS
		16-QAM	RB1#0	22.59	3.12	25.71	0.372	1	PASS
			RB1#38	22.54	3.12	25.66	0.368	1	PASS
			RB1#74	22.11	3.12	25.23	0.333	1	PASS
			RB36#0	22.71	3.12	25.83	0.383	1	PASS
			RB36#19	22.61	3.12	25.73	0.374	1	PASS
			RB36#39	22.39	3.12	25.51	0.356	1	PASS
			RB75#0	22.55	3.12	25.67	0.369	1	PASS
	MCH	QPSK	RB1#0	22.46	3.12	25.58	0.361	1	PASS
			RB1#38	22.96	3.12	26.08	0.406	1	PASS
			RB1#74	22.89	3.12	26.01	0.399	1	PASS
			RB36#0	22.73	3.12	25.85	0.385	1	PASS
			RB36#19	22.94	3.12	26.06	0.404	1	PASS
			RB36#39	22.96	3.12	26.08	0.406	1	PASS
			RB75#0	22.83	3.12	25.95	0.394	1	PASS
		16-QAM	RB1#0	22.78	3.12	25.90	0.389	1	PASS
			RB1#38	23.30	3.12	26.42	0.439	1	PASS
			RB1#74	23.23	3.12	26.35	0.432	1	PASS
			RB36#0	22.77	3.12	25.89	0.388	1	PASS
			RB36#19	22.97	3.12	26.09	0.406	1	PASS
			RB36#39	22.99	3.12	26.11	0.408	1	PASS
			RB75#0	22.85	3.12	25.97	0.395	1	PASS
	HCH	QPSK	RB1#0	22.67	3.12	25.79	0.379	1	PASS
			RB1#38	22.60	3.12	25.72	0.373	1	PASS
			RB1#74	22.55	3.12	25.67	0.369	1	PASS
			RB36#0	22.62	3.12	25.74	0.375	1	PASS
			RB36#19	22.62	3.12	25.74	0.375	1	PASS
			RB36#39	22.65	3.12	25.77	0.378	1	PASS
			RB75#0	22.61	3.12	25.73	0.374	1	PASS
		16-QAM	RB1#0	23.07	3.12	26.19	0.416	1	PASS
			RB1#38	23.02	3.12	26.14	0.411	1	PASS
			RB1#74	22.93	3.12	26.05	0.403	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB36#0	22.59	3.12	25.71	0.372	1	PASS
			RB36#19	22.58	3.12	25.70	0.372	1	PASS
			RB36#39	22.61	3.12	25.73	0.374	1	PASS
			RB75#0	22.60	3.12	25.72	0.373	1	PASS
20 MHz	LCH	QPSK	RB1#0	22.41	3.12	25.53	0.357	1	PASS
			RB1#50	22.49	3.12	25.61	0.364	1	PASS
			RB1#99	21.95	3.12	25.07	0.321	1	PASS
			RB50#0	22.53	3.12	25.65	0.367	1	PASS
			RB50#25	22.46	3.12	25.58	0.361	1	PASS
			RB50#50	22.27	3.12	25.39	0.346	1	PASS
			RB100#0	22.39	3.12	25.51	0.356	1	PASS
		16-QAM	RB1#0	22.82	3.12	25.94	0.393	1	PASS
			RB1#50	22.96	3.12	26.08	0.406	1	PASS
			RB1#99	22.42	3.12	25.54	0.358	1	PASS
			RB50#0	22.55	3.12	25.67	0.369	1	PASS
			RB50#25	22.49	3.12	25.61	0.364	1	PASS
			RB50#50	22.30	3.12	25.42	0.348	1	PASS
			RB100#0	22.43	3.12	25.55	0.359	1	PASS
	MCH	QPSK	RB1#0	22.13	3.12	25.25	0.335	1	PASS
			RB1#50	22.96	3.12	26.08	0.406	1	PASS
			RB1#99	22.68	3.12	25.80	0.380	1	PASS
			RB50#0	22.59	3.12	25.71	0.372	1	PASS
			RB50#25	22.87	3.12	25.99	0.397	1	PASS
			RB50#50	22.89	3.12	26.01	0.399	1	PASS
			RB100#0	22.74	3.12	25.86	0.385	1	PASS
		16-QAM	RB1#0	22.56	3.12	25.68	0.370	1	PASS
			RB1#50	23.37	3.12	26.49	0.446	1	PASS
			RB1#99	23.10	3.12	26.22	0.419	1	PASS
			RB50#0	22.62	3.12	25.74	0.375	1	PASS
			RB50#25	22.88	3.12	26.00	0.398	1	PASS
			RB50#50	22.90	3.12	26.02	0.400	1	PASS
			RB100#0	22.75	3.12	25.87	0.386	1	PASS
	HCH	QPSK	RB1#0	22.66	3.12	25.78	0.378	1	PASS
			RB1#50	22.59	3.12	25.71	0.372	1	PASS
			RB1#99	22.19	3.12	25.31	0.340	1	PASS
			RB50#0	22.75	3.12	25.87	0.386	1	PASS

Test BW	Test Channel	Test Mode	Test RB (Size#Offset)	Conducted power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
FDD LTE Band 66									
			RB50#25	22.62	3.12	25.74	0.375	1	PASS
			RB50#50	22.48	3.12	25.60	0.363	1	PASS
			RB100#0	22.61	3.12	25.73	0.374	1	PASS
		16-QAM	RB1#0	23.02	3.12	26.14	0.411	1	PASS
			RB1#50	22.96	3.12	26.08	0.406	1	PASS
			RB1#99	22.57	3.12	25.69	0.371	1	PASS
			RB50#0	22.72	3.12	25.84	0.384	1	PASS
			RB50#25	22.59	3.12	25.71	0.372	1	PASS
			RB50#50	22.46	3.12	25.58	0.361	1	PASS
			RB100#0	22.61	3.12	25.73	0.374	1	PASS

5.1.2 Peak to Average Ratio

Note(s):

1. Test plots please refer to the document “Annex No: SHE23010013-02AE Data EXHIBIT A”.

Peak to Average Ratio Measurement Results for GSM

Test Band	Channel	Peak to Average Ratio (dB)	Limit (W)	Refer to Plot[Note 1]	Verdict
GSM 850	Low	10.39	13	1.1	PASS
	Middle	10.53	13	1.2	PASS
	High	10.44	13	1.3	PASS
GSM 1900	Low	10.39	13	2.1	PASS
	Middle	10.55	13	2.2	PASS
	High	10.52	13	2.3	PASS
GRPS 850	Low	10.47	13	3.1	PASS
	Middle	10.29	13	3.2	PASS
	High	10.50	13	3.3	PASS
GRPS 1900	Low	10.59	13	4.1	PASS
	Middle	10.62	13	4.2	PASS
	High	10.67	13	4.3	PASS
EDGE 850	Low	10.62	13	5.1	PASS
	Middle	10.55	13	5.2	PASS
	High	10.73	13	5.3	PASS
EDGE 1900	Low	10.69	13	6.1	PASS
	Middle	10.66	13	6.2	PASS
	High	10.69	13	6.3	PASS

Peak to Average Ratio Measurement Results for WCDMA

Test Band	Channel	Peak to Average Ratio (dB)	Limit (W)	Refer to Plot[Note 1]	Verdict
WCDMA Band II	Low	2.91	13	7.1	PASS
	Middle	2.89	13	7.2	PASS
	High	2.90	13	7.3	PASS
WCDMA Band V	Low	2.84	13	8.1	PASS
	Middle	2.82	13	8.2	PASS
	High	2.84	13	8.3	PASS

Peak to Average Ratio Measurement Results for LTE

FDD LTE Band 2							
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Peak to Average Ratio (dB)**	**Limit (dB)**	**Refer to Plot[Note 1]**	**Verdict**
20 MHz	**Low**	**QPSK**	RB1#0	5.28	13	9.1	PASS
			RB100#0	5.61	13	9.2	PASS
		16QAM	RB1#0	5.59	13	9.3	PASS
			RB100#0	6.41	13	9.4	PASS
	Middle	**QPSK**	RB1#0	5.67	13	9.5	PASS
			RB100#0	5.58	13	9.6	PASS
		16QAM	RB1#0	6.25	13	9.7	PASS
			RB100#0	6.36	13	9.8	PASS
	High	**QPSK**	RB1#0	5.84	13	9.9	PASS
			RB100#0	5.69	13	9.10	PASS
		16QAM	RB1#0	6.87	13	9.11	PASS
			RB100#0	6.42	13	9.12	PASS

FDD LTE Band 4							
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Peak to Average Ratio (dB)**	**Limit (dB)**	**Refer to Plot[Note 1]**	**Verdict**
20 MHz	**Low**	**QPSK**	RB1#0	5.06	13	10.1	PASS
			RB100#0	5.66	13	10.2	PASS
		16QAM	RB1#0	5.63	13	10.3	PASS
			RB100#0	6.39	13	10.4	PASS
	Middle	**QPSK**	RB1#0	5.55	13	10.5	PASS
			RB100#0	5.62	13	10.6	PASS
		16QAM	RB1#0	6.01	13	10.7	PASS
			RB100#0	6.36	13	10.8	PASS
	High	**QPSK**	RB1#0	5.60	13	10.9	PASS
			RB100#0	5.59	13	10.10	PASS
		16QAM	RB1#0	6.67	13	10.11	PASS
			RB100#0	6.30	13	10.12	PASS

FDD LTE Band 5

Test BW	Channel	Modul.	RB Set (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note 1]	Verdict
10 MHz	Low	QPSK	RB1#0	5.47	13	11.1	PASS
			RB50#0	5.44	13	11.2	PASS
		16QAM	RB1#0	6.70	13	11.3	PASS
			RB50#0	6.12	13	11.4	PASS
	Middle	QPSK	RB1#0	5.19	13	11.5	PASS
			RB50#0	5.42	13	11.6	PASS
		16QAM	RB1#0	5.97	13	11.7	PASS
			RB50#0	6.16	13	11.8	PASS
	High	QPSK	RB1#0	4.92	13	11.9	PASS
			RB50#0	5.53	13	11.10	PASS
		16QAM	RB1#0	5.55	13	11.11	PASS
			RB50#0	6.23	13	11.12	PASS

FDD LTE Band 7							
Test BW	Channel	Modul.	RB Set (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note 1]	Verdict
20 MHz	Low	QPSK	RB1#0	5.26	13	12.1	PASS
			RB100#0	5.66	13	12.2	PASS
		16QAM	RB1#0	5.73	13	12.3	PASS
			RB100#0	6.46	13	12.4	PASS
	Middle	QPSK	RB1#0	5.57	13	12.5	PASS
			RB100#0	5.73	13	12.6	PASS
		16QAM	RB1#0	6.27	13	12.7	PASS
			RB100#0	6.53	13	12.8	PASS
	High	QPSK	RB1#0	5.73	13	12.9	PASS
			RB100#0	5.80	13	12.10	PASS
		16QAM	RB1#0	6.80	13	12.11	PASS
			RB100#0	6.48	13	12.12	PASS

TDD LTE Band 38							
Test BW	Channel	Modul.	RB Set (Size#Offset)	Peak to Average Ratio (dB)	Limit (dB)	Refer to Plot[Note 1]	Verdict
20 MHz	Low	QPSK	RB1#0	8.13	13	13.1	PASS
			RB100#0	9.31	13	13.2	PASS
		16QAM	RB1#0	8.64	13	13.3	PASS

			RB100#0	9.90	13	13.4	PASS
	Middle	**QPSK**	RB1#0	8.18	13	13.5	PASS
			RB100#0	8.98	13	13.6	PASS
		16QAM	RB1#0	9.63	13	13.7	PASS
			RB100#0	9.91	13	13.8	PASS
	High	**QPSK**	RB1#0	9.68	13	13.9	PASS
			RB100#0	9.23	13	13.10	PASS
		16QAM	RB1#0	9.84	13	13.11	PASS
			RB100#0	10.06	13	13.12	PASS

TDD LTE Band 41							
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Peak to Average Ratio (dB)**	**Limit (dB)**	**Refer to Plot[Note 1]**	**Verdict**
20 MHz	**Low**	**QPSK**	RB1#0	8.28	13	14.1	PASS
			RB100#0	9.17	13	14.2	PASS
		16QAM	RB1#0	8.72	13	14.3	PASS
			RB100#0	9.00	13	14.4	PASS
	Middle	**QPSK**	RB1#0	8.75	13	14.5	PASS
			RB100#0	9.24	13	14.6	PASS
		16QAM	RB1#0	10.17	13	14.7	PASS
			RB100#0	10.02	13	14.8	PASS
	High	**QPSK**	RB1#0	9.58	13	14.9	PASS
			RB100#0	9.51	13	14.10	PASS
		16QAM	RB1#0	9.68	13	14.11	PASS
			RB100#0	9.92	13	14.12	PASS

FDD LTE Band 66							
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Peak to Average Ratio (dB)**	**Limit (dB)**	**Refer to Plot[Note 1]**	**Verdict**
20 MHz	**Low**	**QPSK**	RB1#0	5.15	13	15.1	PASS
			RB100#0	5.52	13	15.2	PASS
		16QAM	RB1#0	5.38	13	15.3	PASS
			RB100#0	9.14	13	15.4	PASS
	Middle	**QPSK**	RB1#0	5.82	13	15.5	PASS
			RB100#0	5.54	13	15.6	PASS
		16QAM	RB1#0	9.22	13	15.7	PASS
			RB100#0	9.18	13	15.8	PASS
	High	**QPSK**	RB1#0	5.66	13	15.9	PASS

			RB100#0	5.57	13	15.10	PASS
		16QAM	RB1#0	9.50	13	15.11	PASS
			RB100#0	6.16	13	15.12	PASS

5.1.3 Occupied Bandwidth

Note(s):

1. All modes were tested, but only the typical data were reported in this report.
2. Test plots please refer to the document “Annex No: SHE23010013-02AE Data EXHIBIT B”.

Occupied Bandwidth Measurement Results for GSM/WCDMA

Test Band	Channel	Measured 99% Occupied Bandwidth (MHz)	Measured -26 dB Occupied Bandwidth (MHz)	Refer to Plot[Note 2]
GSM 850	**Low**	0.240	0.313	1.1
	Middle	0.238	0.314	1.2
	High	0.240	0.310	1.3
GSM 1900	**Low**	0.243	0.304	2.1
	Middle	0.243	0.313	2.2
	High	0.240	0.292	2.3
GRPS 850	**Low**	0.242	0.310	3.1
	Middle	0.241	0.312	3.2
	High	0.242	0.312	3.3
GRPS 1900	**Low**	0.242	0.315	4.1
	Middle	0.241	0.315	4.2
	High	0.242	0.316	4.3
EDGE 850	**Low**	0.243	0.308	5.1
	Middle	0.243	0.309	5.2
	High	0.242	0.313	5.3
EDGE 1900	**Low**	0.247	0.315	6.1
	Middle	0.246	0.310	6.2
	High	0.247	0.310	6.3
WCDMA II	**Low**	4.152	4.708	7.1
	Middle	4.154	4.718	7.2
	High	4.154	4.712	7.3
WCDMA V	**Low**	4.150	4.721	8.1
	Middle	4.153	4.711	8.2
	High	4.150	4.717	8.3

Occupied Bandwidth Measurement Results for LTE

FDD LTE Band 2						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
1.4 MHz	**Low**	**QPSK**	RB6#0	1.094	1.258	9.1
		16QAM	RB6#0	1.103	1.260	9.2
	Middle	**QPSK**	RB6#0	1.097	1.259	9.3
		16QAM	RB6#0	1.094	1.259	9.4
	High	**QPSK**	RB6#0	1.099	1.256	9.5
		16QAM	RB6#0	1.102	1.269	9.6
3 MHz	**Low**	**QPSK**	RB15#0	2.698	2.906	9.7
		16QAM	RB15#0	2.700	2.925	9.8
	Middle	**QPSK**	RB15#0	2.698	2.915	9.9
		16QAM	RB15#0	2.699	2.918	9.10
	High	**QPSK**	RB15#0	2.701	2.925	9.11
		16QAM	RB15#0	2.700	2.928	9.12
5 MHz	**Low**	**QPSK**	RB25#0	4.499	4.869	9.13
		16QAM	RB25#0	4.490	4.842	9.14
	Middle	**QPSK**	RB25#0	4.492	4.856	9.15
		16QAM	RB25#0	4.500	4.848	9.16
	High	**QPSK**	RB25#0	4.495	4.839	9.17
		16QAM	RB25#0	4.499	4.854	9.18
10 MHz	**Low**	**QPSK**	RB50#0	8.955	9.669	9.19
		16QAM	RB50#0	8.954	9.616	9.20
	Middle	**QPSK**	RB50#0	8.946	9.628	9.21
		16QAM	RB50#0	8.958	9.612	9.22
	High	**QPSK**	RB50#0	8.951	9.635	9.23
		16QAM	RB50#0	8.975	9.661	9.24
15 MHz	**Low**	**QPSK**	RB75#0	13.445	14.475	9.25
		16QAM	RB75#0	13.451	14.443	9.26
	Middle	**QPSK**	RB75#0	13.417	14.451	9.27
		16QAM	RB75#0	13.432	14.477	9.28
	High	**QPSK**	RB75#0	13.437	14.447	9.29
		16QAM	RB75#0	13.460	14.456	9.30
20 MHz	**Low**	**QPSK**	RB100#0	17.908	19.428	9.31
		16QAM	RB100#0	17.941	19.592	9.32
	Middle	**QPSK**	RB100#0	17.922	19.507	9.33
		16QAM	RB100#0	17.935	19.644	9.34
	High	**QPSK**	RB100#0	17.938	19.552	9.35
		16QAM	RB100#0	17.909	19.481	9.36

FDD LTE Band 4						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
1.4 MHz	**Low**	**QPSK**	RB6#0	1.092	1.253	10.1
		16QAM	RB6#0	1.103	1.259	10.2
	Middle	**QPSK**	RB6#0	1.093	1.261	10.3
		16QAM	RB6#0	1.089	1.256	10.4
	High	**QPSK**	RB6#0	1.096	1.252	10.5
		16QAM	RB6#0	1.097	1.259	10.6
3 MHz	**Low**	**QPSK**	RB15#0	2.696	2.906	10.7
		16QAM	RB15#0	2.696	2.914	10.8
	Middle	**QPSK**	RB15#0	2.691	2.916	10.9
		16QAM	RB15#0	2.695	2.910	10.10
	High	**QPSK**	RB15#0	2.703	2.920	10.11
		16QAM	RB15#0	2.697	2.915	10.12
5 MHz	**Low**	**QPSK**	RB25#0	4.495	4.850	10.13
		16QAM	RB25#0	4.488	4.833	10.14
	Middle	**QPSK**	RB25#0	4.490	4.853	10.15
		16QAM	RB25#0	4.494	4.846	10.16
	High	**QPSK**	RB25#0	4.490	4.841	10.17
		16QAM	RB25#0	4.493	4.860	10.18
10 MHz	**Low**	**QPSK**	RB50#0	8.961	9.699	10.19
		16QAM	RB50#0	8.965	9.651	10.20
	Middle	**QPSK**	RB50#0	8.935	9.646	10.21
		16QAM	RB50#0	8.963	9.626	10.22
	High	**QPSK**	RB50#0	8.951	9.642	10.23
		16QAM	RB50#0	8.957	9.649	10.24
15 MHz	**Low**	**QPSK**	RB75#0	13.451	14.522	10.25
		16QAM	RB75#0	13.447	14.455	10.26
	Middle	**QPSK**	RB75#0	13.428	14.455	10.27
		16QAM	RB75#0	13.443	14.477	10.28
	High	**QPSK**	RB75#0	13.431	14.528	10.29
		16QAM	RB75#0	13.452	14.440	10.30
20 MHz	**Low**	**QPSK**	RB100#0	17.932	19.498	10.31
		16QAM	RB100#0	17.945	19.574	10.32
	Middle	**QPSK**	RB100#0	17.917	19.581	10.33
		16QAM	RB100#0	17.928	19.693	10.34
	High	**QPSK**	RB100#0	17.938	19.618	10.35
		16QAM	RB100#0	17.909	19.414	10.36

FDD LTE Band 5						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
1.4 MHz	**Low**	**QPSK**	RB6#0	1.094	1.256	11.1
		16QAM	RB6#0	1.100	1.268	11.2
	Middle	**QPSK**	RB6#0	1.095	1.257	11.3
		16QAM	RB6#0	1.090	1.251	11.4
	High	**QPSK**	RB6#0	1.097	1.248	11.5
		16QAM	RB6#0	1.098	1.252	11.6
3 MHz	**Low**	**QPSK**	RB15#0	2.701	2.918	11.7
		16QAM	RB15#0	2.695	2.923	11.8
	Middle	**QPSK**	RB15#0	2.702	2.916	11.9
		16QAM	RB15#0	2.696	2.914	11.10
	High	**QPSK**	RB15#0	2.697	2.911	11.11
		16QAM	RB15#0	2.696	2.926	11.12
5 MHz	**Low**	**QPSK**	RB25#0	4.494	4.852	11.13
		16QAM	RB25#0	4.488	4.827	11.14
	Middle	**QPSK**	RB25#0	4.488	4.865	11.15
		16QAM	RB25#0	4.499	4.862	11.16
	High	**QPSK**	RB25#0	4.492	4.847	11.17
		16QAM	RB25#0	4.498	4.854	11.18
10 MHz	**Low**	**QPSK**	RB50#0	8.951	9.701	11.19
		16QAM	RB50#0	8.956	9.649	11.20
	Middle	**QPSK**	RB50#0	8.944	9.598	11.21
		16QAM	RB50#0	8.956	9.633	11.22
	High	**QPSK**	RB50#0	8.973	9.660	11.23
		16QAM	RB50#0	8.961	9.655	11.24

FDD LTE Band 7						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
5 MHz	**Low**	**QPSK**	RB25#0	4.491	4.864	12.1
		16QAM	RB25#0	4.506	4.880	12.2
	Middle	**QPSK**	RB25#0	4.512	4.883	12.3
		16QAM	RB25#0	4.490	4.863	12.4
	High	**QPSK**	RB25#0	4.497	4.877	12.5
		16QAM	RB25#0	4.508	4.909	12.6

10 MHz	**Low**	**QPSK**	RB50#0	8.974	9.718	12.7
		16QAM	RB50#0	8.963	9.689	12.8
	Middle	**QPSK**	RB50#0	8.962	9.677	12.9
		16QAM	RB50#0	8.968	9.676	12.10
	High	**QPSK**	RB50#0	8.974	9.488	12.11
		16QAM	RB50#0	8.961	9.683	12.12
15 MHz	**Low**	**QPSK**	RB75#0	13.452	14.534	12.13
		16QAM	RB75#0	13.471	14.485	12.14
	Middle	**QPSK**	RB75#0	13.428	14.479	12.15
		16QAM	RB75#0	13.460	14.509	12.16
	High	**QPSK**	RB75#0	13.464	14.547	12.17
		16QAM	RB75#0	13.472	14.494	12.18
20 MHz	**Low**	**QPSK**	RB100#0	17.954	19.569	12.19
		16QAM	RB100#0	18.003	19.707	12.20
	Middle	**QPSK**	RB100#0	17.942	19.624	12.21
		16QAM	RB100#0	17.921	19.721	12.22
	High	**QPSK**	RB100#0	18.036	19.814	12.23
		16QAM	RB100#0	17.936	19.594	12.24

TDD LTE Band 38						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
5 MHz	**Low**	**QPSK**	RB25#0	4.487	4.859	13.1
		16QAM	RB25#0	4.498	4.948	13.2
	Middle	**QPSK**	RB25#0	4.494	4.838	13.3
		16QAM	RB25#0	4.486	4.873	13.4
	High	**QPSK**	RB25#0	4.491	4.962	13.5
		16QAM	RB25#0	4.501	4.862	13.6
10 MHz	**Low**	**QPSK**	RB50#0	8.959	9.672	13.7
		16QAM	RB50#0	8.967	9.660	13.8
	Middle	**QPSK**	RB50#0	8.968	9.720	13.9
		16QAM	RB50#0	8.929	9.640	13.10
	High	**QPSK**	RB50#0	8.985	9.754	13.11
		16QAM	RB50#0	8.953	9.647	13.12
15 MHz	**Low**	**QPSK**	RB75#0	13.456	14.547	13.13
		16QAM	RB75#0	13.460	14.537	13.14
	Middle	**QPSK**	RB75#0	13.414	14.464	13.15
		16QAM	RB75#0	13.488	14.525	13.16
	High	**QPSK**	RB75#0	13.408	14.482	13.17
		16QAM	RB75#0	13.475	14.653	13.18

20 MHz	**Low**	**QPSK**	RB100#0	17.961	19.490	13.19
		16QAM	RB100#0	17.926	19.585	13.20
	Middle	**QPSK**	RB100#0	17.901	19.518	13.21
		16QAM	RB100#0	17.915	19.613	13.22
	High	**QPSK**	RB100#0	17.936	19.505	13.23
		16QAM	RB100#0	17.903	19.506	13.24

TDD LTE Band 41						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
5 MHz	**Low**	**QPSK**	RB25#0	4.500	4.835	14.1
		16QAM	RB25#0	4.484	4.865	14.2
	Middle	**QPSK**	RB25#0	4.493	4.960	14.3
		16QAM	RB25#0	4.501	4.862	14.4
	High	**QPSK**	RB25#0	4.487	4.861	14.5
		16QAM	RB25#0	4.498	4.929	14.6
10 MHz	**Low**	**QPSK**	RB50#0	8.962	9.690	14.7
		16QAM	RB50#0	8.964	9.669	14.8
	Middle	**QPSK**	RB50#0	8.966	9.722	14.9
		16QAM	RB50#0	8.923	9.638	14.10
	High	**QPSK**	RB50#0	8.982	9.753	14.11
		16QAM	RB50#0	8.951	9.645	14.12
15 MHz	**Low**	**QPSK**	RB75#0	13.423	14.497	14.13
		16QAM	RB75#0	13.428	14.519	14.14
	Middle	**QPSK**	RB75#0	13.415	14.466	14.15
		16QAM	RB75#0	13.495	14.531	14.16
	High	**QPSK**	RB75#0	13.411	14.481	14.17
		16QAM	RB75#0	13.476	14.668	14.18
20 MHz	**Low**	**QPSK**	RB100#0	17.951	19.452	14.19
		16QAM	RB100#0	17.911	19.582	14.20
	Middle	**QPSK**	RB100#0	17.900	19.562	14.21
		16QAM	RB100#0	17.926	19.649	14.22
	High	**QPSK**	RB100#0	17.932	19.501	14.23
		16QAM	RB100#0	17.898	19.493	14.24

FDD LTE Band 66						
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**99% Occupied Bandwidth (MHz)**	**-26 dB Bandwidth (MHz)**	**Refer to Plot[Note 2]**
1.4 MHz	**Low**	**QPSK**	RB6#0	1.091	1.252	15.1
		16QAM	RB6#0	1.103	1.261	15.2
	Middle	**QPSK**	RB6#0	1.095	1.258	15.3
		16QAM	RB6#0	1.091	1.254	15.4
	High	**QPSK**	RB6#0	1.092	1.251	15.5
		16QAM	RB6#0	1.101	1.262	15.6
3 MHz	**Low**	**QPSK**	RB15#0	2.697	2.910	15.7
		16QAM	RB15#0	2.701	2.922	15.8
	Middle	**QPSK**	RB15#0	2.700	2.911	15.9
		16QAM	RB15#0	2.693	2.921	15.10
	High	**QPSK**	RB15#0	2.701	2.923	15.11
		16QAM	RB15#0	2.700	2.923	15.12
5 MHz	**Low**	**QPSK**	RB25#0	4.498	4.853	15.13
		16QAM	RB25#0	4.493	4.852	15.14
	Middle	**QPSK**	RB25#0	4.491	4.853	15.15
		16QAM	RB25#0	4.499	4.847	15.16
	High	**QPSK**	RB25#0	4.491	4.834	15.17
		16QAM	RB25#0	4.497	4.853	15.18
10 MHz	**Low**	**QPSK**	RB50#0	8.966	9.660	15.19
		16QAM	RB50#0	8.956	9.642	15.20
	Middle	**QPSK**	RB50#0	8.939	9.625	15.21
		16QAM	RB50#0	8.959	9.648	15.22
	High	**QPSK**	RB50#0	8.947	9.639	15.23
		16QAM	RB50#0	8.959	9.631	15.24
15 MHz	**Low**	**QPSK**	RB75#0	13.438	14.476	15.25
		16QAM	RB75#0	13.458	14.433	15.26
	Middle	**QPSK**	RB75#0	13.428	14.457	15.27
		16QAM	RB75#0	13.442	14.445	15.28
	High	**QPSK**	RB75#0	13.436	14.528	15.29
		16QAM	RB75#0	13.456	14.447	15.30
20 MHz	**Low**	**QPSK**	RB100#0	17.922	19.451	15.31
		16QAM	RB100#0	17.915	19.480	15.32
	Middle	**QPSK**	RB100#0	17.911	19.500	15.33
		16QAM	RB100#0	17.918	19.532	15.34
	High	**QPSK**	RB100#0	17.948	19.543	15.35
		16QAM	RB100#0	17.919	19.566	15.36

5.1.4 Frequency Stability

Frequency Stability Measurement Results for GSM/GPRS/EDGE

GSM 850								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 824.2 MHz**		**Middle channel 836.6 MHz**		**High channel 848.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	15.69	±2060.5	-30.61	±2091.5	8.20	±2122	PASS
	-20	-21.66		-29.06		-15.37		
	-10	-25.38		-34.26		-26.64		
	0	-27.09		23.70		-15.98		
	10	-23.25		17.85		-18.44		
	20	-16.89		-32.71		-24.05		
	25	-25.44		-29.06		-37.03		
	30	14.24		30.61		-20.11		
	40	-20.02		-24.50		-12.46		
	50	-22.99		-24.44		-23.79		
3.4 V	25	-19.66		-27.51		-15.34		
4.2 V	25	-28.02		-38.65		-27.77		

GSM 1900								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 1850.2 MHz**		**Middle channel 1880 MHz**		**High channel 1909.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-25.12	±4625.5	-33.80	±4700.0	-27.31	±4774.5	PASS
	-20	-30.96		-24.41		-37.45		
	-10	-35.39		-52.37		-44.75		
	0	31.41		-25.83		28.31		
	10	-22.79		-35.39		-40.84		
	20	-35.93		-27.25		-37.84		
	25	-33.71		-26.93		-28.96		
	30	-46.91		-23.57		-31.67		
	40	-27.67		-29.35		-20.73		
	50	-32.64		-28.99		-48.01		
3.4 V	25	-44.49		-41.75		-50.30		
4.2 V	25	25.34		-37.48		-48.56		

GPRS 850								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 824.2 MHz**		**Middle channel 836.6 MHz**		**High channel 848.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-14.08	±2060.5	17.60	±2091.5	-14.82	±2122	PASS
	-20	-24.99		-16.50		-16.30		
	-10	26.41		16.69		-16.27		
	0	-21.41		-24.47		16.85		
	10	-19.95		13.56		-20.37		
	20	-14.30		-21.28		-17.63		
	25	-33.35		24.02		-27.64		
	30	-18.14		-24.92		-15.95		
	40	16.79		-18.27		21.66		
	50	-19.02		-20.57		-22.37		
3.4 V	25	-21.95		-15.24		-29.74		
4.2 V	25	18.08		-17.95		-14.30		

GPRS 1900								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 1850.2 MHz**		**Middle channel 1880 MHz**		**High channel 1909.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-30.62	±4625.5	19.11	±4700.0	24.50	±4774.5	PASS
	-20	-40.62		-25.34		-42.13		
	-10	-40.42		-44.59		-39.32		
	0	-31.96		-24.25		-32.96		
	10	-42.46		-33.77		-36.06		
	20	26.41		-46.30		-39.26		
	25	-27.57		-30.93		-47.62		
	30	-41.78		-31.38		-36.77		
	40	-57.37		-25.76		-21.76		
	50	-38.39		-25.05		-35.35		
3.4 V	25	-48.78		-29.83		-31.03		
4.2 V	25	-23.99		-27.99		-44.04		

EDGE 850								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 824.2 MHz**		**Middle channel 836.6 MHz**		**High channel 848.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-8.88	±2060.5	-15.37	±2091.5	-16.66	±2122	PASS
	-20	-11.66		-20.02		-10.62		
	-10	-9.07		-16.59		-10.46		
	0	-10.75		-8.68		-16.40		
	10	-12.40		6.84		9.59		
	20	-18.24		-18.82		-17.66		
	25	-15.56		-46.43		-14.92		
	30	-16.53		-15.95		-15.79		
	40	-18.21		-15.27		-13.33		
	50	-14.21		-15.66		8.36		
3.4 V	25	-16.50		-14.43		-15.14		
4.2 V	25	-12.14		-14.82		-15.50		

EDGE 1900								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 1850.2 MHz**		**Middle channel 1880 MHz**		**High channel 1909.8 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	25.28	±4625.5	15.69	±4700.0	17.85	±4774.5	PASS
	-20	37.39		-28.54		-33.48		
	-10	-37.00		-22.89		-13.62		
	0	-29.70		-23.73		-25.73		
	10	-30.99		-39.32		21.60		
	20	-19.86		-26.12		-47.78		
	25	-20.37		19.34		23.73		
	30	-33.71		-17.18		-20.95		
	40	-32.41		-22.47		-33.32		
	50	-35.51		-28.80		-40.33		
3.4 V	25	-19.63		-21.89		-42.68		
4.2 V	25	-42.78		-33.84		-44.07		

Frequency Stability Measurement Results for WCDMA

WCDMA Band II								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 1852.4 MHz**		**Middle channel 1880 MHz**		**High channel 1907.6 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-5.12	±4631	-7.07	±4700	-8.53	±4769	PASS
	-20	-5.47		-1.72		-1.97		
	-10	-3.46		-3.93		-7.83		
	0	0.61		-7.61		-10.40		
	10	-7.95		-4.97		-5.02		
	20	-13.65		-13.47		-8.83		
	25	0.34		-3.89		-6.42		
	30	-5.26		8.35		1.26		
	40	2.53		-8.33		1.60		
	50	0.31		-1.82		-10.10		
3.4 V	25	-8.54		-2.26		0.15		
4.2 V	25	-2.83		-6.53		-0.28		

WCDMA Band V								
Test Conditions		**Frequency Deviation**						**Verdict**
Power (V)	**Temperature (℃)**	**Low channel 826.4 MHz**		**Middle channel 836.4 MHz**		**High channel 846.6 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-9.51	±2066	-10.17	±2091	-11.98	±2116.5	PASS
	-20	-9.01		-11.81		-10.30		
	-10	-7.72		-8.38		-1.15		
	0	-8.86		-10.95		-9.73		
	10	-2.00		-8.64		-5.44		
	20	-3.86		-9.71		-2.77		
	25	3.78		-6.78		-5.11		
	30	-7.60		-5.21		-11.77		
	40	1.31		-9.98		-10.49		
	50	2.72		-8.96		-7.07		
3.4 V	25	-1.84		-6.42		-11.76		
4.2 V	25	-4.30		-5.54		-7.55		

Frequency Stability Measurement Results for LTE

FDD LTE Band 2						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 1880 MHz		**Middle channel 1880 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-16.98	±4700	-9.37	±4700	PASS
	-20	-0.27		-9.68		
	-10	-22.69		-7.42		
	0	-21.30		-24.88		
	10	-23.67		-24.02		
	20	-29.54		-28.30		
	25	-27.15		-24.23		
	30	-16.85		-30.71		
	40	-25.69		-22.89		
	50	-24.75		-18.01		
3.4 V	25	-47.26		-35.21		
4.2 V	25	-27.02		-28.12		

FDD LTE Band 4						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 1732.5 MHz		**Middle channel 1732.5 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-7.98	±4331.25	-14.28	±4331.25	PASS
	-20	-2.98		-9.40		
	-10	-13.99		-20.67		
	0	-13.30		-22.99		
	10	-17.08		-17.48		
	20	-23.17		-23.98		
	25	-25.23		-18.08		
	30	-26.24		-21.21		
	40	-18.84		-23.50		
	50	-14.35		-20.44		

3.4 V	25	-22.29		-25.52		
4.2 V	25	-26.62		-23.86		

FDD LTE Band 5						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 836.5 MHz		**Middle channel 836.5 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	0.86	±2091.25	-7.95	±2091.25	PASS
	-20	-18.63		-2.03		
	-10	-28.42		1.90		
	0	-27.22		-12.23		
	10	-24.13		-14.86		
	20	-30.23		-21.41		
	25	-10.06		-11.06		
	30	-29.37		-20.00		
	40	-23.16		-26.99		
	50	-25.46		-11.92		
3.4 V	25	-23.76		-28.75		
4.2 V	25	-24.22		-26.55		

FDD LTE Band 7						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 2535 MHz		**Middle channel 2535 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	2.75	±6337.5	-15.92	±6337.5	PASS
	-20	-16.22		-14.68		
	-10	-9.83		-7.22		
	0	-24.15		-17.38		
	10	-19.54		-23.35		
	20	-21.20		-19.94		
	25	-18.84		2.02		
	30	-20.04		-24.05		

	40	-16.49		-19.01		
	50	-20.38		-19.34		
3.4 V	25	-19.98		-16.35		
4.2 V	25	-11.80		-23.56		

TDD LTE Band 38						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 2595 MHz		**Middle channel 2595 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-7.21	±6487.5	-7.02	±6487.5	PASS
	-20	-13.15		-9.14		
	-10	-6.64		-22.59		
	0	-11.13		-11.13		
	10	-21.83		-16.42		
	20	-14.99		-24.81		
	25	-18.02		-26.31		
	30	-29.50		-26.39		
	40	-27.75		-15.31		
	50	-8.31		-15.76		
3.4 V	25	-23.20		-27.48		
4.2 V	25	-20.69		-22.06		

TDD LTE Band 41						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 2593 MHz		**Middle channel 2593 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-8.45	±6482.5	-5.55	±6482.5	PASS
	-20	-20.04		-17.57		
	-10	-16.95		-8.48		
	0	-16.35		-13.33		
	10	-23.07		15.21		
	20	-22.96		-10.49		

	25	-25.05		-5.06		
	30	-17.09		-10.10		
	40	-19.71		-13.29		
	50	-17.75		-10.63		
3.4 V	25	-24.22		-18.64		
4.2 V	25	-27.34		-25.29		

FDD LTE Band 66						
Test Conditions		**Frequency Deviation**				**Verdict**
Power (V)	**Temperature (℃)**	**QPSK 10MHz**		**16QAM 10MHz**		
		Middle channel 1745 MHz		**Middle channel 1745 MHz**		
		Value (Hz)	**Limits (Hz)**	**Value (Hz)**	**Limits (Hz)**	
3.8 V	-30	-14.95	±4362.5	-9.34	±4362.5	PASS
	-20	-19.05		-6.31		
	-10	-8.97		-7.72		
	0	-21.05		-10.22		
	10	-18.21		-15.02		
	20	-25.38		-20.46		
	25	-25.82		-22.36		
	30	-22.39		-24.38		
	40	-29.57		-23.69		
	50	-23.98		-16.58		
3.4 V	25	-23.67		-21.03		
4.2 V	25	-17.61		-21.90		

5.1.5 Spurious Emission at Antenna Terminals

Note(s):

1. GSM and EGPRS modes have been verified, and only the worst data with different bandwidth for LTE are shown here.
2. The frequencies of verdict which are marked by "N/A" should be ignored because they are MS carrier frequency.
3. Test plots please refer to the document “Annex No: SHE23010013-02AE Data EXHIBIT C”.

Spurious Emission Measurement Results for GSM/WCDMA

Test Band	Channel	Refer to Plot[Note 3]	Verdict
GSM 850	**Low**	1.1	PASS
	Middle	1.2	PASS
	High	1.3	PASS
GSM 1900	**Low**	2.1	PASS
	Middle	2.2	PASS
	High	2.3	PASS
GRPS 850	**Low**	3.1	PASS
	Middle	3.2	PASS
	High	3.3	PASS
GRPS 1900	**Low**	4.1	PASS
	Middle	4.2	PASS
	High	4.3	PASS
EDGE 850	**Low**	5.1	PASS
	Middle	5.2	PASS
	High	5.3	PASS
EDGE 1900	**Low**	6.1	PASS
	Middle	6.2	PASS
	High	6.3	PASS
WCDMA Band II	**Low**	7.1	PASS
	Middle	7.2	PASS
	High	7.3	PASS
WCDMA Band V	**Low**	8.1	PASS
	Middle	8.2	PASS
	High	8.3	PASS

Spurious Emission Measurement Results for LTE

FDD LTE Band 2					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 3]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	9.1	PASS
		16QAM	RB1#0	9.2	PASS
	Middle	**QPSK**	RB1#0	9.3	PASS
		16QAM	RB1#0	9.4	PASS
	High	**QPSK**	RB1#0	9.5	PASS
		16QAM	RB1#0	9.6	PASS
3 MHz	**Low**	**QPSK**	RB1#0	9.7	PASS
		16QAM	RB1#0	9.8	PASS
	Middle	**QPSK**	RB1#0	9.9	PASS
		16QAM	RB1#0	9.10	PASS
	High	**QPSK**	RB1#0	9.11	PASS
		16QAM	RB1#0	9.12	PASS
5 MHz	**Low**	**QPSK**	RB1#0	9.13	PASS
		16QAM	RB1#0	9.14	PASS
	Middle	**QPSK**	RB1#0	9.15	PASS
		16QAM	RB1#0	9.16	PASS
	High	**QPSK**	RB1#0	9.17	PASS
		16QAM	RB1#0	9.18	PASS
10 MHz	**Low**	**QPSK**	RB1#0	9.19	PASS
		16QAM	RB1#0	9.20	PASS
	Middle	**QPSK**	RB1#0	9.21	PASS
		16QAM	RB1#0	9.22	PASS
	High	**QPSK**	RB1#0	9.23	PASS
		16QAM	RB1#0	9.24	PASS
15 MHz	**Low**	**QPSK**	RB1#0	9.25	PASS
		16QAM	RB1#0	9.26	PASS
	Middle	**QPSK**	RB1#0	9.27	PASS
		16QAM	RB1#0	9.28	PASS
	High	**QPSK**	RB1#0	9.29	PASS
		16QAM	RB1#0	9.30	PASS
20 MHz	**Low**	**QPSK**	RB1#0	9.31	PASS
		16QAM	RB1#0	9.32	PASS
	Middle	**QPSK**	RB1#0	9.33	PASS
		16QAM	RB1#0	9.34	PASS
	High	**QPSK**	RB1#0	9.35	PASS
		16QAM	RB1#0	9.36	PASS

FDD LTE Band 4					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 3]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	10.1	PASS
		16QAM	RB1#0	10.2	PASS
	Middle	**QPSK**	RB1#0	10.3	PASS
		16QAM	RB1#0	10.4	PASS
	High	**QPSK**	RB1#0	10.5	PASS
		16QAM	RB1#0	10.6	PASS
3 MHz	**Low**	**QPSK**	RB1#0	10.7	PASS
		16QAM	RB1#0	10.8	PASS
	Middle	**QPSK**	RB1#0	10.9	PASS
		16QAM	RB1#0	10.10	PASS
	High	**QPSK**	RB1#0	10.11	PASS
		16QAM	RB1#0	10.12	PASS
5 MHz	**Low**	**QPSK**	RB1#0	10.13	PASS
		16QAM	RB1#0	10.14	PASS
	Middle	**QPSK**	RB1#0	10.15	PASS
		16QAM	RB1#0	10.16	PASS
	High	**QPSK**	RB1#0	10.17	PASS
		16QAM	RB1#0	10.18	PASS
10 MHz	**Low**	**QPSK**	RB1#0	10.19	PASS
		16QAM	RB1#0	10.20	PASS
	Middle	**QPSK**	RB1#0	10.21	PASS
		16QAM	RB1#0	10.22	PASS
	High	**QPSK**	RB1#0	10.23	PASS
		16QAM	RB1#0	10.24	PASS
15 MHz	**Low**	**QPSK**	RB1#0	10.25	PASS
		16QAM	RB1#0	10.26	PASS
	Middle	**QPSK**	RB1#0	10.27	PASS
		16QAM	RB1#0	10.28	PASS
	High	**QPSK**	RB1#0	10.29	PASS
		16QAM	RB1#0	10.30	PASS
20 MHz	**Low**	**QPSK**	RB1#0	10.31	PASS
		16QAM	RB1#0	10.32	PASS
	Middle	**QPSK**	RB1#0	10.33	PASS
		16QAM	RB1#0	10.34	PASS
	High	**QPSK**	RB1#0	10.35	PASS
		16QAM	RB1#0	10.36	PASS

FDD LTE Band 5					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 3]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	11.1	PASS
		16QAM	RB1#0	11.2	PASS
	Middle	**QPSK**	RB1#0	11.3	PASS
		16QAM	RB1#0	11.4	PASS
	High	**QPSK**	RB1#0	11.5	PASS
		16QAM	RB1#0	11.6	PASS
3 MHz	**Low**	**QPSK**	RB1#0	11.7	PASS
		16QAM	RB1#0	11.8	PASS
	Middle	**QPSK**	RB1#0	11.9	PASS
		16QAM	RB1#0	11.10	PASS
	High	**QPSK**	RB1#0	11.11	PASS
		16QAM	RB1#0	11.12	PASS
5 MHz	**Low**	**QPSK**	RB1#0	11.13	PASS
		16QAM	RB1#0	11.14	PASS
	Middle	**QPSK**	RB1#0	11.15	PASS
		16QAM	RB1#0	11.16	PASS
	High	**QPSK**	RB1#0	11.17	PASS
		16QAM	RB1#0	11.18	PASS
10 MHz	**Low**	**QPSK**	RB1#0	11.19	PASS
		16QAM	RB1#0	11.20	PASS
	Middle	**QPSK**	RB1#0	11.21	PASS
		16QAM	RB1#0	11.22	PASS
	High	**QPSK**	RB1#0	11.23	PASS
		16QAM	RB1#0	11.24	PASS

FDD LTE Band 7					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 3]**	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	12.1	PASS
		16QAM	RB1#0	12.2	PASS
	Middle	**QPSK**	RB1#0	12.3	PASS
		16QAM	RB1#0	12.4	PASS
	High	**QPSK**	RB1#0	12.5	PASS

		16QAM	RB1#0	12.6	PASS
10 MHz	**Low**	**QPSK**	RB1#0	12.7	PASS
		16QAM	RB1#0	12.8	PASS
	Middle	**QPSK**	RB1#0	12.9	PASS
		16QAM	RB1#0	12.10	PASS
	High	**QPSK**	RB1#0	12.11	PASS
		16QAM	RB1#0	12.12	PASS
15 MHz	**Low**	**QPSK**	RB1#0	12.13	PASS
		16QAM	RB1#0	12.14	PASS
	Middle	**QPSK**	RB1#0	12.15	PASS
		16QAM	RB1#0	12.16	PASS
	High	**QPSK**	RB1#0	12.17	PASS
		16QAM	RB1#0	12.18	PASS
20 MHz	**Low**	**QPSK**	RB1#0	12.19	PASS
		16QAM	RB1#0	12.20	PASS
	Middle	**QPSK**	RB1#0	12.21	PASS
		16QAM	RB1#0	12.22	PASS
	High	**QPSK**	RB1#0	12.23	PASS
		16QAM	RB1#0	12.24	PASS

TDD LTE Band 38					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 3]**	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	13.1	PASS
		16QAM	RB1#0	13.2	PASS
	Middle	**QPSK**	RB1#0	13.3	PASS
		16QAM	RB1#0	13.4	PASS
	High	**QPSK**	RB1#0	13.5	PASS
		16QAM	RB1#0	13.6	PASS
10 MHz	**Low**	**QPSK**	RB1#0	13.7	PASS
		16QAM	RB1#0	13.8	PASS
	Middle	**QPSK**	RB1#0	13.9	PASS
		16QAM	RB1#0	13.10	PASS
	High	**QPSK**	RB1#0	13.11	PASS
		16QAM	RB1#0	13.12	PASS
15 MHz	**Low**	**QPSK**	RB1#0	13.13	PASS
		16QAM	RB1#0	13.14	PASS
	Middle	**QPSK**	RB1#0	13.15	PASS
		16QAM	RB1#0	13.16	PASS
	High	**QPSK**	RB1#0	13.17	PASS

		16QAM	RB1#0	13.18	PASS
20 MHz	**Low**	**QPSK**	RB1#0	13.19	PASS
		16QAM	RB1#0	13.20	PASS
	Middle	**QPSK**	RB1#0	13.21	PASS
		16QAM	RB1#0	13.22	PASS
	High	**QPSK**	RB1#0	13.23	PASS
		16QAM	RB1#0	13.24	PASS

TDD LTE Band 41					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot**[Note 3]	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	14.1	PASS
		16QAM	RB1#0	14.2	PASS
	Middle	**QPSK**	RB1#0	14.3	PASS
		16QAM	RB1#0	14.4	PASS
	High	**QPSK**	RB1#0	14.5	PASS
		16QAM	RB1#0	14.6	PASS
10 MHz	**Low**	**QPSK**	RB1#0	14.7	PASS
		16QAM	RB1#0	14.8	PASS
	Middle	**QPSK**	RB1#0	14.9	PASS
		16QAM	RB1#0	14.10	PASS
	High	**QPSK**	RB1#0	14.11	PASS
		16QAM	RB1#0	14.12	PASS
15 MHz	**Low**	**QPSK**	RB1#0	14.13	PASS
		16QAM	RB1#0	14.14	PASS
	Middle	**QPSK**	RB1#0	14.15	PASS
		16QAM	RB1#0	14.16	PASS
	High	**QPSK**	RB1#0	14.17	PASS
		16QAM	RB1#0	14.18	PASS
20 MHz	**Low**	**QPSK**	RB1#0	14.19	PASS
		16QAM	RB1#0	14.20	PASS
	Middle	**QPSK**	RB1#0	14.21	PASS
		16QAM	RB1#0	14.22	PASS
	High	**QPSK**	RB1#0	14.23	PASS
		16QAM	RB1#0	14.24	PASS

FDD LTE Band 66					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot**[Note 3]	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	15.1	PASS
		16QAM	RB1#0	15.2	PASS
	Middle	**QPSK**	RB1#0	15.3	PASS
		16QAM	RB1#0	15.4	PASS
	High	**QPSK**	RB1#0	15.5	PASS
		16QAM	RB1#0	15.6	PASS
3 MHz	**Low**	**QPSK**	RB1#0	15.7	PASS
		16QAM	RB1#0	15.8	PASS
	Middle	**QPSK**	RB1#0	15.9	PASS
		16QAM	RB1#0	15.10	PASS
	High	**QPSK**	RB1#0	15.11	PASS
		16QAM	RB1#0	15.12	PASS
5 MHz	**Low**	**QPSK**	RB1#0	15.13	PASS
		16QAM	RB1#0	15.14	PASS
	Middle	**QPSK**	RB1#0	15.15	PASS
		16QAM	RB1#0	15.16	PASS
	High	**QPSK**	RB1#0	15.17	PASS
		16QAM	RB1#0	15.18	PASS
10 MHz	**Low**	**QPSK**	RB1#0	15.19	PASS
		16QAM	RB1#0	15.20	PASS
	Middle	**QPSK**	RB1#0	15.21	PASS
		16QAM	RB1#0	15.22	PASS
	High	**QPSK**	RB1#0	15.23	PASS
		16QAM	RB1#0	15.24	PASS
15 MHz	**Low**	**QPSK**	RB1#0	15.25	PASS
		16QAM	RB1#0	15.26	PASS
	Middle	**QPSK**	RB1#0	15.27	PASS
		16QAM	RB1#0	15.28	PASS
	High	**QPSK**	RB1#0	15.29	PASS
		16QAM	RB1#0	15.30	PASS
20 MHz	**Low**	**QPSK**	RB1#0	15.31	PASS
		16QAM	RB1#0	15.32	PASS
	Middle	**QPSK**	RB1#0	15.33	PASS
		16QAM	RB1#0	15.34	PASS
	High	**QPSK**	RB1#0	15.35	PASS
		16QAM	RB1#0	15.36	PASS

5.1.6 Band Edge

Note(s):

1. Test plots please refer to the document “Annex No: SHE23010013-02AE Data EXHIBIT D”.
2. Test plots please refer to the document “Annex No: SHE23010013-02AE Data EXHIBIT D LTE B7 B38 B41”.

Band Edge Measurement Results for GSM/WCDMA

Test Band	Channel	Refer to Plot[Note 1]	Verdict
GSM 850	**Low**	1.1	PASS
	High	1.2	PASS
GSM 1900	**Low**	2.1	PASS
	High	2.2	PASS
GRPS 850	**Low**	3.1	PASS
	High	3.2	PASS
GRPS 1900	**Low**	4.1	PASS
	High	4.2	PASS
EDGE 850	**Low**	5.1	PASS
	High	5.2	PASS
EDGE 1900	**Low**	6.1	PASS
	High	6.2	PASS
WCDMA Band II	**Low**	7.1	PASS
	High	7.2	PASS
WCDMA Band V	**Low**	8.1	PASS
	High	8.2	PASS

Band Edge Measurement Results for LTE

FDD LTE Band 2					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 1]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	9.1	PASS
			RB6#0	9.2	PASS
		16QAM	RB1#0	9.3	PASS
			RB6#0	9.4	PASS
	High	**QPSK**	RB1#0	9.5	PASS
			RB6#0	9.6	PASS
		16QAM	RB1#0	9.7	PASS
			RB6#0	9.8	PASS
3 MHz	**Low**	**QPSK**	RB1#0	9.9	PASS

			RB15#0	9.10	PASS
		16QAM	RB1#0	9.11	PASS
			RB15#0	9.12	PASS
	High	**QPSK**	RB1#0	9.13	PASS
			RB15#0	9.14	PASS
		16QAM	RB1#0	9.15	PASS
			RB15#0	9.16	PASS
5 MHz	**Low**	**QPSK**	RB1#0	9.17	PASS
			RB25#0	9.18	PASS
		16QAM	RB1#0	9.19	PASS
			RB25#0	9.20	PASS
	High	**QPSK**	RB1#0	9.21	PASS
			RB25#0	9.22	PASS
		16QAM	RB1#0	9.23	PASS
			RB25#0	9.24	PASS
10 MHz	**Low**	**QPSK**	RB1#0	9.25	PASS
			RB50#0	9.26	PASS
		16QAM	RB1#0	9.27	PASS
			RB50#0	9.28	PASS
	High	**QPSK**	RB1#0	9.29	PASS
			RB50#0	9.30	PASS
		16QAM	RB1#0	9.31	PASS
			RB50#0	9.32	PASS
15 MHz	**Low**	**QPSK**	RB1#0	9.33	PASS
			RB75#0	9.34	PASS
		16QAM	RB1#0	9.35	PASS
			RB75#0	9.36	PASS
	High	**QPSK**	RB1#0	9.37	PASS
			RB75#0	9.38	PASS
		16QAM	RB1#0	9.39	PASS
			RB75#0	9.40	PASS
20 MHz	**Low**	**QPSK**	RB1#0	9.41	PASS
			RB100#0	9.42	PASS
		16QAM	RB1#0	9.43	PASS
			RB100#0	9.44	PASS
	High	**QPSK**	RB1#0	9.45	PASS
			RB100#0	9.46	PASS
		16QAM	RB1#0	9.47	PASS
			RB100#0	9.48	PASS

FDD LTE Band 4					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 1]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	10.1	PASS
			RB6#0	10.2	PASS
		16QAM	RB1#0	10.3	PASS
			RB6#0	10.4	PASS
	High	**QPSK**	RB1#0	10.5	PASS
			RB6#0	10.6	PASS
		16QAM	RB1#0	10.7	PASS
			RB6#0	10.8	PASS
3 MHz	**Low**	**QPSK**	RB1#0	10.9	PASS
			RB15#0	10.10	PASS
		16QAM	RB1#0	10.11	PASS
			RB15#0	10.12	PASS
	High	**QPSK**	RB1#0	10.13	PASS
			RB15#0	10.14	PASS
		16QAM	RB1#0	10.15	PASS
			RB15#0	10.16	PASS
5 MHz	**Low**	**QPSK**	RB1#0	10.17	PASS
			RB25#0	10.18	PASS
		16QAM	RB1#0	10.19	PASS
			RB25#0	10.20	PASS
	High	**QPSK**	RB1#0	10.21	PASS
			RB25#0	10.22	PASS
		16QAM	RB1#0	10.23	PASS
			RB25#0	10.24	PASS
10 MHz	**Low**	**QPSK**	RB1#0	10.25	PASS
			RB50#0	10.26	PASS
		16QAM	RB1#0	10.27	PASS
			RB50#0	10.28	PASS
	High	**QPSK**	RB1#0	10.29	PASS
			RB50#0	10.30	PASS
		16QAM	RB1#0	10.31	PASS
			RB50#0	10.32	PASS
15 MHz	**Low**	**QPSK**	RB1#0	10.33	PASS
			RB75#0	10.34	PASS
		16QAM	RB1#0	10.35	PASS
			RB75#0	10.36	PASS
	High	**QPSK**	RB1#0	10.37	PASS

			RB75#0	10.38	PASS
		16QAM	RB1#0	10.39	PASS
			RB75#0	10.40	PASS
20 MHz	**Low**	**QPSK**	RB1#0	10.41	PASS
			RB100#0	10.42	PASS
		16QAM	RB1#0	10.43	PASS
			RB100#0	10.44	PASS
	High	**QPSK**	RB1#0	10.45	PASS
			RB100#0	10.46	PASS
		16QAM	RB1#0	10.47	PASS
			RB100#0	10.48	PASS

FDD LTE Band 5					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 1]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	11.1	PASS
			RB6#0	11.2	PASS
		16QAM	RB1#0	11.3	PASS
			RB6#0	11.4	PASS
	High	**QPSK**	RB1#0	11.5	PASS
			RB6#0	11.6	PASS
		16QAM	RB1#0	11.7	PASS
			RB6#0	11.8	PASS
3 MHz	**Low**	**QPSK**	RB1#0	11.9	PASS
			RB15#0	11.10	PASS
		16QAM	RB1#0	11.11	PASS
			RB15#0	11.12	PASS
	High	**QPSK**	RB1#0	11.13	PASS
			RB15#0	11.14	PASS
		16QAM	RB1#0	11.15	PASS
			RB15#0	11.16	PASS
5 MHz	**Low**	**QPSK**	RB1#0	11.17	PASS
			RB25#0	11.18	PASS
		16QAM	RB1#0	11.19	PASS
			RB25#0	11.20	PASS
	High	**QPSK**	RB1#0	11.21	PASS
			RB25#0	11.22	PASS
		16QAM	RB1#0	11.23	PASS
			RB25#0	11.24	PASS
10 MHz	**Low**	**QPSK**	RB1#0	11.25	PASS

			RB50#0	11.26	PASS
		16QAM	RB1#0	11.27	PASS
			RB50#0	11.28	PASS
	High	**QPSK**	RB1#0	11.29	PASS
			RB50#0	11.30	PASS
		16QAM	RB1#0	11.31	PASS
			RB50#0	11.32	PASS

FDD LTE Band 66					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 1]**	**Verdict**
1.4 MHz	**Low**	**QPSK**	RB1#0	12.1	PASS
			RB6#0	12.2	PASS
		16QAM	RB1#0	12.3	PASS
			RB6#0	12.4	PASS
	High	**QPSK**	RB1#0	12.5	PASS
			RB6#0	12.6	PASS
		16QAM	RB1#0	12.7	PASS
			RB6#0	12.8	PASS
3 MHz	**Low**	**QPSK**	RB1#0	12.9	PASS
			RB15#0	12.10	PASS
		16QAM	RB1#0	12.11	PASS
			RB15#0	12.12	PASS
	High	**QPSK**	RB1#0	12.13	PASS
			RB15#0	12.14	PASS
		16QAM	RB1#0	12.15	PASS
			RB15#0	12.16	PASS
5 MHz	**Low**	**QPSK**	RB1#0	12.17	PASS
			RB25#0	12.18	PASS
		16QAM	RB1#0	12.19	PASS
			RB25#0	12.20	PASS
	High	**QPSK**	RB1#0	12.21	PASS
			RB25#0	12.22	PASS
		16QAM	RB1#0	12.23	PASS
			RB25#0	12.24	PASS
10 MHz	**Low**	**QPSK**	RB1#0	12.25	PASS
			RB50#0	12.26	PASS
		16QAM	RB1#0	12.27	PASS
			RB50#0	12.28	PASS
	High	**QPSK**	RB1#0	12.29	PASS

			RB50#0	12.30	PASS
		16QAM	RB1#0	12.31	PASS
			RB50#0	12.32	PASS
15 MHz	**Low**	**QPSK**	RB1#0	12.33	PASS
			RB75#0	12.34	PASS
		16QAM	RB1#0	12.35	PASS
			RB75#0	12.36	PASS
	High	**QPSK**	RB1#0	12.37	PASS
			RB75#0	12.38	PASS
		16QAM	RB1#0	12.39	PASS
			RB75#0	12.40	PASS
20 MHz	**Low**	**QPSK**	RB1#0	12.41	PASS
			RB100#0	12.42	PASS
		16QAM	RB1#0	12.43	PASS
			RB100#0	12.44	PASS
	High	**QPSK**	RB1#0	12.45	PASS
			RB100#0	12.46	PASS
		16QAM	RB1#0	12.47	PASS
			RB100#0	12.48	PASS

FDD LTE Band 7					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 1]**	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	13.1	PASS
			RB25#0	13.2	PASS
		16QAM	RB1#0	13.3	PASS
			RB25#0	13.4	PASS
	High	**QPSK**	RB1#0	13.5	PASS
			RB25#0	13.6	PASS
		16QAM	RB1#0	13.7	PASS
			RB25#0	13.8	PASS
10 MHz	**Low**	**QPSK**	RB1#0	13.9	PASS
			RB50#0	13.10	PASS
		16QAM	RB1#0	13.11	PASS
			RB50#0	13.12	PASS
	High	**QPSK**	RB1#0	13.13	PASS
			RB50#0	13.14	PASS
		16QAM	RB1#0	13.15	PASS
			RB50#0	13.16	PASS
15 MHz	**Low**	**QPSK**	RB1#0	13.17	PASS

			RB75#0	13.18	PASS
		16QAM	RB1#0	13.19	PASS
			RB75#0	13.20	PASS
	High	**QPSK**	RB1#0	13.21	PASS
			RB75#0	13.22	PASS
		16QAM	RB1#0	13.23	PASS
			RB75#0	13.24	PASS
20 MHz	**Low**	**QPSK**	RB1#0	13.25	PASS
			RB100#0	13.26	PASS
		16QAM	RB1#0	13.27	PASS
			RB100#0	13.28	PASS
	High	**QPSK**	RB1#0	13.29	PASS
			RB100#0	13.30	PASS
		16QAM	RB1#0	13.31	PASS
			RB100#0	13.32	PASS

TDD LTE Band 38					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot**[Note 1]	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	14.1	PASS
			RB25#0	14.2	PASS
		16QAM	RB1#0	14.3	PASS
			RB25#0	14.4	PASS
	High	**QPSK**	RB1#0	14.5	PASS
			RB25#0	14.6	PASS
		16QAM	RB1#0	14.7	PASS
			RB25#0	14.8	PASS
10 MHz	**Low**	**QPSK**	RB1#0	14.9	PASS
			RB50#0	14.10	PASS
		16QAM	RB1#0	14.11	PASS
			RB50#0	14.12	PASS
	High	**QPSK**	RB1#0	14.13	PASS
			RB50#0	14.14	PASS
		16QAM	RB1#0	14.15	PASS
			RB50#0	14.16	PASS
15 MHz	**Low**	**QPSK**	RB1#0	14.17	PASS
			RB75#0	14.18	PASS
		16QAM	RB1#0	14.19	PASS
			RB75#0	14.20	PASS
	High	**QPSK**	RB1#0	14.21	PASS

			RB75#0	14.22	PASS
		16QAM	RB1#0	14.23	PASS
			RB75#0	14.24	PASS
20 MHz	**Low**	**QPSK**	RB1#0	14.25	PASS
			RB100#0	14.26	PASS
		16QAM	RB1#0	14.27	PASS
			RB100#0	14.28	PASS
	High	**QPSK**	RB1#0	14.29	PASS
			RB100#0	14.30	PASS
		16QAM	RB1#0	14.31	PASS
			RB100#0	14.32	PASS

TDD LTE Band 41					
Test BW	**CH**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot**[Note 1]	**Verdict**
5 MHz	**Low**	**QPSK**	RB1#0	15.1	PASS
			RB25#0	15.2	PASS
		16QAM	RB1#0	15.3	PASS
			RB25#0	15.4	PASS
	High	**QPSK**	RB1#0	15.5	PASS
			RB25#0	15.6	PASS
		16QAM	RB1#0	15.7	PASS
			RB25#0	15.8	PASS
10 MHz	**Low**	**QPSK**	RB1#0	15.9	PASS
			RB50#0	15.10	PASS
		16QAM	RB1#0	15.11	PASS
			RB50#0	15.12	PASS
	High	**QPSK**	RB1#0	15.13	PASS
			RB50#0	15.14	PASS
		16QAM	RB1#0	15.15	PASS
			RB50#0	15.16	PASS
15 MHz	**Low**	**QPSK**	RB1#0	15.17	PASS
			RB75#0	15.18	PASS
		16QAM	RB1#0	15.19	PASS
			RB75#0	15.20	PASS
	High	**QPSK**	RB1#0	15.21	PASS
			RB75#0	15.22	PASS
		16QAM	RB1#0	15.23	PASS
			RB75#0	15.24	PASS
20 MHz	**Low**	**QPSK**	RB1#0	15.25	PASS

			RB100#0	15.26	PASS
		16QAM	RB1#0	15.27	PASS
			RB100#0	15.28	PASS
	High	**QPSK**	RB1#0	15.29	PASS
			RB100#0	15.30	PASS
		16QAM	RB1#0	15.31	PASS
			RB100#0	15.32	PASS

5.1.7 Field Strength of Spurious Radiation

Note(s):

1. GSM and EGPRS modes have been verified, only the worst data with different transmit bandwidth for LTE and NR are shown here.
2. The frequencies of verdict which are marked by "N/A" should be ignored because they are MS carrier frequency.
3. When measurement frequency is above 18GHz, there is only noise floor of test system existing. So that there is no test data above 18GHz in the report.
4. Test plots please refer to the document:
   "SHE23010013-02AE Data FCC PCE GSM TX EXHIBIT E GSM850 GSM1900".
   "SHE23010013-02AE Data FCC PCE WCDMA TX EXHIBIT E W2 W5".
   "SHE23010013-02AE Data FCC PCE LTE TX EXHIBIT E B2 B4 B5 B7 B38 B41 B66".

Field Strength of Spurious Radiation Measurement Results for GSM//WCDMA

Test Band	Channel	Refer to Plot[Note 4]	Verdict
GSM 850	**Middle**	--	PASS
GSM 1900	**Middle**	--	PASS
GPRS 850	**Middle**	--	PASS
GPRS 1900	**Middle**	--	PASS
EDGE 850	**Middle**	--	PASS
EDGE 1900	**Middle**	--	PASS
WCDMA Band II	**Middle**	--	PASS
WCDMA Band V	**Middle**	--	PASS

Field Strength of Spurious Radiation Measurement Results for LTE

FDD LTE Band 2					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
1.4 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
3 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

FDD LTE Band 4					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
1.4 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
3 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

FDD LTE Band 5					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
1.4 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
3 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

FDD LTE Band 7					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

TDD LTE Band 38					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

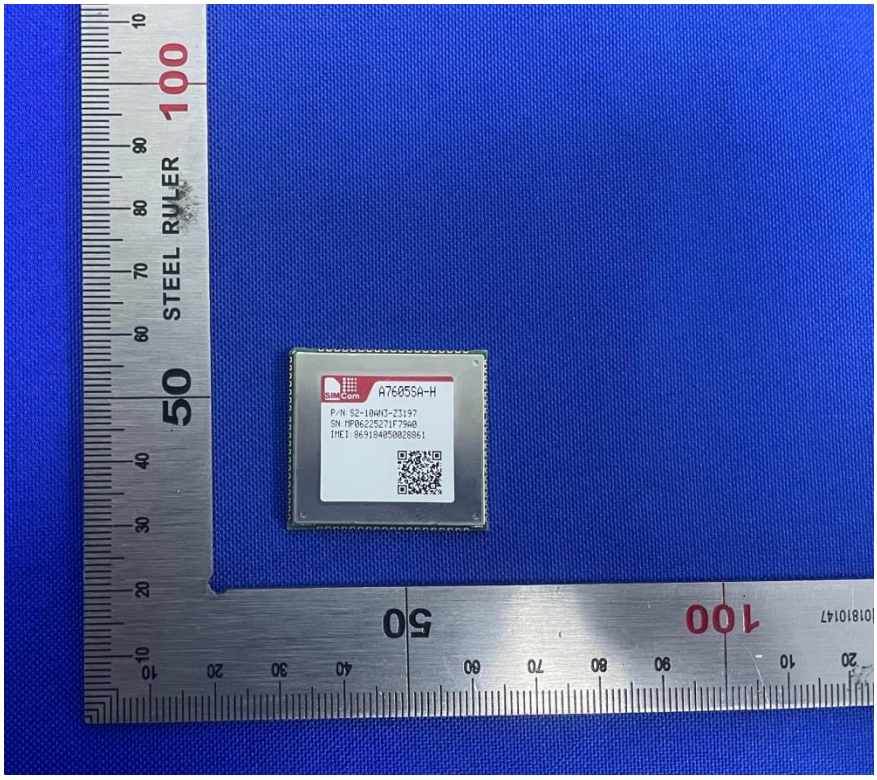
TDD LTE Band 41					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

FDD LTE Band 66					
Test BW	**Channel**	**Modul.**	**RB Set (Size#Offset)**	**Refer to Plot[Note 4]**	**Verdict**
1.4 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

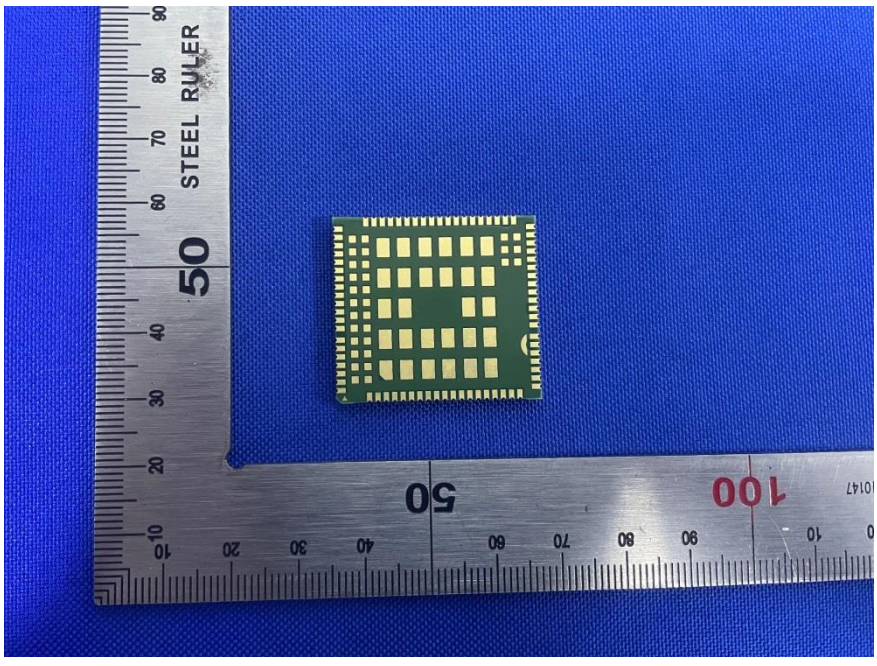
3 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
5 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
10 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
15 MHz	**Middle**	**QPSK**	RB1#0	--	Pass
20 MHz	**Middle**	**QPSK**	RB1#0	--	Pass

6 Photos

6.1 Photographs of the Sample



Front of the sample



Rear of the sample

6.2 Set-up for Conducted RF test at Antenna Port

6.3 Set-up for Spurious Emissions below 1GHz

Below 1 GHz

6.4 Set-up for Spurious Emissions above 1GHz

Above 1GHz

End of the report