



FCC RADIO TEST REPORT

FCC ID : A4RGQML3
Equipment : Phone
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

The product was received on Mar. 17, 2022 and testing was performed from Mar. 21, 2022 to Jun. 05, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	6
1.1 Product Feature of Equipment Under Test.....	6
1.2 Product Specification of Equipment Under Test.....	7
1.3 Modification of EUT	10
1.4 Testing Location	11
1.5 Applicable Standards.....	11
2 Test Configuration of Equipment Under Test	12
2.1 Test Mode.....	12
2.2 Connection Diagram of Test System.....	19
2.3 Support Unit used in test configuration and system	19
2.4 Measurement Results Explanation Example.....	20
2.5 Frequency List of Low/Middle/High Channels	21
3 Conducted Test Items	33
3.1 Measuring Instruments	33
3.2 Conducted Output Power and ERP/EIRP	34
3.3 Peak-to-Average Ratio	35
3.4 Occupied Bandwidth.....	36
3.5 Conducted Band Edge	37
3.6 Conducted Spurious Emission	39
3.7 Frequency Stability	40
4 Radiated Test Items	41
4.1 Measuring Instruments	41
4.2 Radiated Spurious Emission Measurement	43
5 List of Measuring Equipment.....	44
6 Uncertainty of Evaluation	46
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Setup Photographs	



History of this test report

Report No.	Version	Description	Issued Date
FG1O2843-05B	01	Initial issue of report	Jun. 14, 2022



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
3.7	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	Under limit 14.63 dB at 7752.000 MHz for Primary Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		Under limit 11.81 dB at 7752.000 MHz for ASDIV Antenna

Declaration of Conformity:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: William Chen**Report Producer: Lucy Wu**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
FCC ID	A4RGQML3
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/ NFC/GNSS/WPC/WPT WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
S/N	Performed Test Item
23091FDH20003W 23091FDH200047	Conducted Measurement ERP/EIRP
23121FDH20004T 23121FDH200048	Radiated Spurious Emission



1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx Frequency	LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7 MHz ~ 1914.3 MHz LTE Band 26: 824.7 MHz ~ 848.3 MHz LTE Band 38: 2572.5 MHz ~ 2617.5 MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 1710.7 MHz ~ 1754.3 MHz LTE Band 71: 665.5 MHz ~ 695.5 MHz
Rx Frequency	LTE Band 2: 1930.7 MHz ~ 1989.3 MHz LTE Band 4: 2110.7 MHz ~ 2154.3 MHz LTE Band 5: 869.7 MHz ~ 893.3 MHz LTE Band 7: 2622.5 MHz ~ 2687.5 MHz LTE Band 12: 729.7 MHz ~ 745.3 MHz LTE Band 13: 748.5 MHz ~ 753.5 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7MHz ~ 1994.3 MHz LTE Band 26: 869.7MHz ~ 893.3MHz LTE Band 38: 2572.5MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 66: 2110.7 MHz ~ 2154.3 MHz LTE Band 71: 619.5 MHz ~ 649.5 MHz
Bandwidth	LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13: 5MHz / 10MHz LTE Band 17: 5MHz / 10MHz LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz



Product Specification is subject to this standard	
Maximum Output Power to Antenna	<Primary Antenna> <Ant. 0> LTE Band 5 : 24.50 dBm LTE Band 5B : 24.30 dBm LTE Band 12 : 24.61 dBm LTE Band 13 : 24.47 dBm LTE Band 17 : 24.62 dBm LTE Band 26 : 24.53 dBm LTE Band 71 : 24.79 dBm <Ant. 2> LTE Band 2 : 24.61 dBm LTE Band 4 : 24.40 dBm LTE Band 7 : 24.73 dBm LTE Band 7C : 24.08 dBm LTE Band 25 : 24.42 dBm LTE Band 38 : 26.09 dBm for HPUE LTE Band 41 : 24.59 dBm LTE Band 41 : 26.13 dBm for HPUE LTE Band 41C : 23.74 dBm LTE Band 66 : 24.63 dBm LTE Band 66B : 24.30 dBm LTE Band 66C : 24.33 dBm <ASDIV Antenna> <Ant. 0> LTE Band 2 : 23.91 dBm LTE Band 4 : 23.64 dBm LTE Band 7 : 23.63 dBm LTE Band 7C : 23.73 dBm LTE Band 25 : 23.88 dBm LTE Band 38 : 26.11 dBm for HPUE LTE Band 41 : 24.49 dBm LTE Band 41 : 26.02 dBm for HPUE LTE Band 41C : 23.98 dBm LTE Band 66 : 23.82 dBm LTE Band 66B : 23.89 dBm LTE Band 66C : 24.40 dBm <Ant. 1> LTE Band 5 : 24.59 dBm LTE Band 5B : 24.38 dBm LTE Band 12 : 24.77 dBm LTE Band 13 : 24.71 dBm LTE Band 17 : 24.78 dBm LTE Band 26 : 24.89 dBm LTE Band 71 : 24.92 dBm



Product Specification is subject to this standard	
Antenna Type	<Primary Antenna>: <Ant. 0>: ILA Antenna <Ant. 2>: IFA Antenna <ASDIV Antenna>: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 1	-3.1
		Ant. 2	0.4
LTE	B4	Ant. 1	-8.5
		Ant. 2	-0.4
LTE	B5	Ant. 0	-3.6
LTE	B7	Ant. 2	-2.1
LTE	B12	Ant. 0	-4.3
LTE	B13	Ant. 0	-2.9
LTE	B17	Ant. 0	-4.2
LTE	B25	Ant. 2	0.4
LTE	B26	Ant. 0	-3.5
LTE	B38 B38_HPUE	Ant. 2	-1.8
LTE	B41 B41_HPUE	Ant. 2	-1.9
LTE	B66	Ant. 1	-8.1
		Ant. 2	0.2
LTE	B71	Ant. 0	-5.1

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 0	-1.3
		Ant. 5	-4.4
LTE	B4	Ant. 0	-0.5
		Ant. 5	-5.9
LTE	B5	Ant. 1	-4.5
LTE	B7	Ant. 0	-0.6
LTE	B12	Ant. 1	-5.4
LTE	B13	Ant. 1	-4.2
LTE	B17	Ant. 1	-5.4
LTE	B25	Ant. 0	-1.3
LTE	B26	Ant. 1	-4.5
LTE	B38 B38_HPUE	Ant. 0	-0.8
LTE	B41 B41_HPUE	Ant. 0	-1.1
LTE	B66	Ant. 0	-0.1
		Ant. 5	-5.2
LTE	B71	Ant. 1	-7.8

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications are made to the EUT during all test items.



1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Bryant Liu
Temperature (°C)	22.5~23.6
Relative Humidity (%)	52~58

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH20-HY (TAF Code: 3786)
Test Engineer	Bill Cheng, JC Liang and Bigshow Wang
Temperature (°C)	18~21
Relative Humidity (%)	67~70
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find <Primary Antenna>: X Plane with Adapter for LTE Band 2, 5, 5B, 17, 41C (HPUE), 66, 66B, 71; Y Plane with Adapter for LTE Band 7, 7C, 66C; Y Plane with Earphone for LTE Band 41 (HPUE); Z Plane with Adapter for LTE Band 13; <ASDIV Antenna>: X Plane with Adapter for LTE Band 2, 7C, 13, 17, 66, 66B, 66C, 71; X Plane with Earphone for LTE Band 41 (HPUE); Y Plane with Adapter for LTE Band 26; Z Plane with Adapter for LTE Band 5B, 7, 41C (HPUE) as worst plane.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	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	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	17	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	25	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	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	v	v
	71	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Peak-to-Average Ratio	2						V	V	V	V	V			V		V	
	4						V	V	V	V	V			V		V	
	5				V	-	-	V	V	V	V			V		V	
	7	-	-				V	V	V	V	V			V		V	
	12				V	-	-	V	V	V	V			V		V	
	13	-	-		V	-	-	V	V	V	V			V		V	
	17	Coverd by Band 12															
	25						V	V	V	V	V			V		V	
	26					V	-	V	V	V	V			V		V	
	38	Coverd by Band 41															
	41	-	-				V	V	V	V	V			V		V	
	66						V	V	V	V	V			V		V	
	71						V	V	V	V	V			V		V	
26dB and 99% 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	-	-	V	V	V	V			V		V	
	7	-	-	V	V	V	V	V	V	V	V			V		V	
	12	V	V	V	V	-	-	V	V	V	V			V		V	
	13	-	-	V	V	-	-	V	V	V	V			V		V	
	17	Coverd by Band 12															
	25	V	V	V	V	V	V	V	V	V	V			V		V	
	26	V	V	V	V	V	-	V	V	V	V			V		V	
	38	Coverd by Band 41															
	41	-	-	V	V	V	V	V	V	V	V			V		V	
	66	V	V	V	V	V	V	V	V	V	V			V		V	
	71	-	-	V	V	V	V	V	V	V	V			V		V	



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Conducted Band Edge	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	-	-	v	v	v	v	v		v	v		v
	7	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	12	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	13	-	-	v	v	-	-	v	v	v	v	v		v	v		v
	17	Coverd by Band 12															
	25	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	26	v	v	v	v	v	-	v	v	v	v	v		v	v		v
	38	Coverd by Band 41															
	41	-	-	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
	71	-	-	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v				v			v	v	v
	4	v	v	v	v	v	v	v				v			v	v	v
	5	v	v	v	v	-	-	v				v			v	v	v
	7	-	-	v	v	v	v	v				v			v	v	v
	12	v	v	v	v	-	-	v				v			v	v	v
	13	-	-	v	v	-	-	v				v			v	v	v
	17	Coverd by Band 12															
	25	v	v	v	v	v	v	v				v			v	v	v
	26	v	v	v	v	v	-	v				v			v	v	v
	38	Coverd by Band 41															
	41	-	-	v	v	v	v	v				v			v	v	v
	66	v	v	v	v	v	v	v				v			v	v	v
	71	-	-	v	v	v	v	v				v			v	v	v



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Frequency Stability	2				v			v						v		v	
	4				v			v						v		v	
	5				v	-	-	v						v		v	
	7	-	-		v			v						v		v	
	12				v	-	-	v						v		v	
	13	-	-		v	-	-	v						v		v	
	17	Coverd by Band 12															
	25				v			v						v		v	
	26				v		-	v						v		v	
	38	Coverd by Band 41															
	41	-	-		v			v						v		v	
	66				v			v						v		v	
	71	-	-		v			v						v		v	
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	Max. Power					
	4	v	v	v	v	v	v	v	v	v	v						
	5	v	v	v	v	-	-	v	v	v	v						
	7	-	-	v	v	v	v	v	v	v	v						
	12	v	v	v	v	-	-	v	v	v	v						
	13	-	-	v	v	-	-	v	v	v	v						
	17	-	-	v	v	-	-	v	v	v	v						
	25	v	v	v	v	v	v	v	v	v	v						
	26	v	v	v	v	v	-	v	v	v	v						
	38	-	-	v	v	v	v	v	v	v	v						
	41	-	-	v	v	v	v	v	v	v	v						
	66	v	v	v	v	v	v	v	v	v	v						
	71	-	-	v	v	v	v	v	v	v	v						



Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	2	Worst Case													v	v	v
	4	Coverd by Band 66															
	5	Worst Case													v	v	v
	7	Worst Case													v	v	v
	12	Coverd by Band 17															
	13	Worst Case													v	v	v
	17	Worst Case													v	v	v
	25	Coverd by Band 2															
	26	Worst Case													v	v	v
	38	Coverd by Band 41															
	41	Worst Case													v	v	v
	66	Worst Case													v	v	v
	71	Worst Case													v	v	v
Remark	1. The mark “v “ means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. Wider operating range bandwidth covers narrower one when the power is higher or the same. 6. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test. 7. One representative bandwidth is selected to perform PAR and frequency stability.																



Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	5_CA	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	5_CA	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	5_CA	v	v	v	v	v	v				v			v	v	v
E.R.P.	5_CA	v	v	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	5_CA	Worst Case												v	v	v
Remark	1. The mark "v " means that this configuration is chosen for testing 2. The mark "- " means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.															

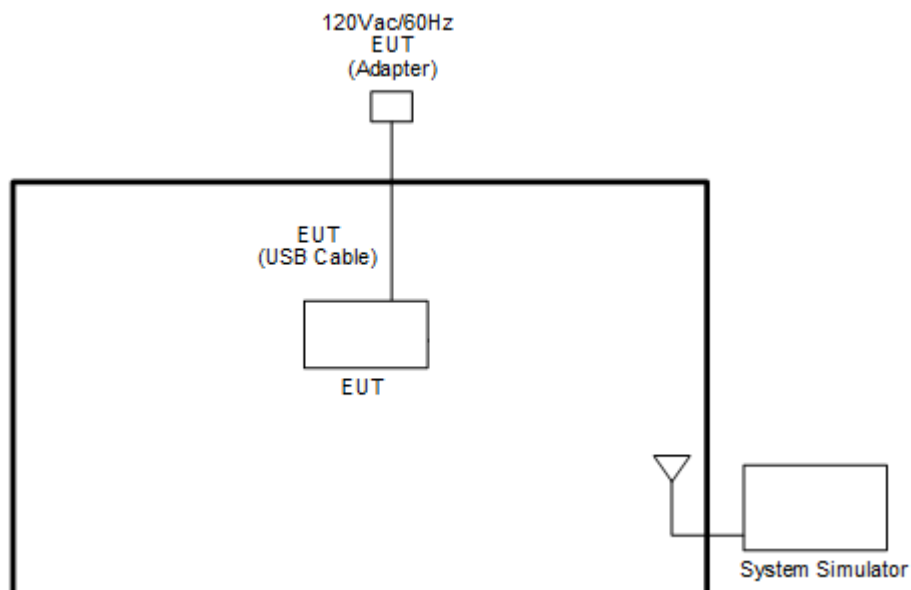
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		5+5	5+10	10+5	5+15	15+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66B_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	66B_CA	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	66B_CA	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	66B_CA	v	v	v	v	v	v	v				v			v	v	v
E.I.R.P.	66B_CA	v	v	v	v	v	v	v	v	v		Max. Power					
Radiated Spurious Emission	66B_CA	Worst Case												v	v	v	
Remark	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.																



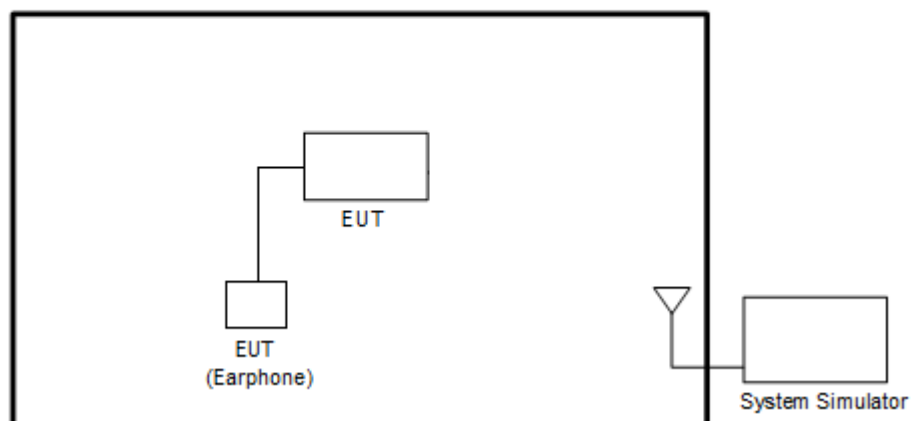
Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v	v	v	v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v			v		v	
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v		v	v		v
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	7_CA	v	v	v	v	v	-	-	v	v	-	v				v			v	v	v
	41_CA	v	v	v	v	v	v	v	v	v	v	v				v			v	v	v
	66C_CA	v	v	v	v	v	v	v	v	v	v	v				v			v	v	v
E.I.R.P.	7_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	Max. Power					
	41_CA	v	v	v	v	v	v	v	v	v	v	v	v	v							
	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v							
Radiated Spurious Emission	7_CA	Worst Case																	v	v	v
	41_CA	Worst Case																	v	v	v
	66C_CA	Worst Case																	v	v	v
Remark	1. The mark “v “ means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 2 and USB Cable 1. 5. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.																				

2.2 Connection Diagram of Test System

<EUT with Adapter>



<EUT with Earphone>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m



2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3



LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5



LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20575
		Frequency	829.5	838.0	841.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



LTE Band 41C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0
20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0



LTE Band 41C Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7



LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	133393	132619
		Frequency	1729.5	1761.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

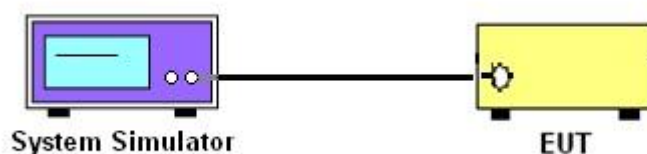
3 Conducted Test Items

3.1 Measuring Instruments

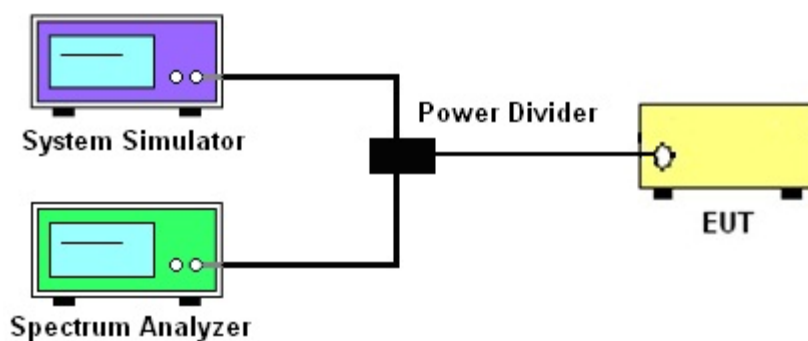
See list of measuring instruments of this test report.

3.1.1 Test Setup

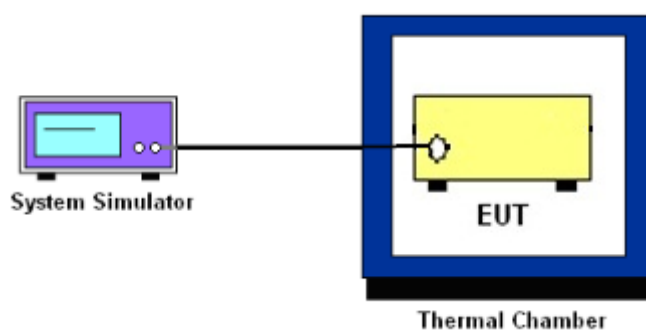
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38 and Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, 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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. 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.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. 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.
3. 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.
4. Set the detection mode to peak, and the trace mode to max hold.
5. 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)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. 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.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, 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.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. 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. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

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 than $43 + 10 \log (P)$ 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.

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

The other 40 dB, and 55 dB have additionally applied same calculation above.

3.6 Conducted Spurious Emission

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. 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.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

24.235 & 27.54

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

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. 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.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at $20 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

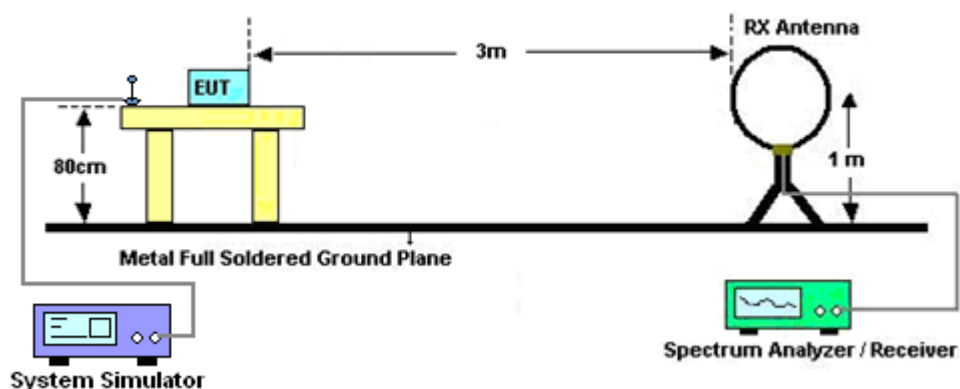
4 Radiated Test Items

4.1 Measuring Instruments

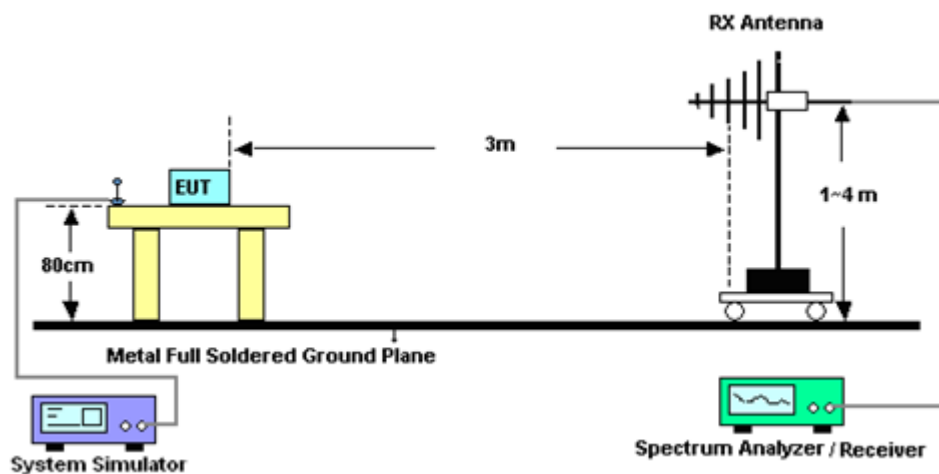
See list of measuring instruments of this test report.

4.1.1 Test Setup

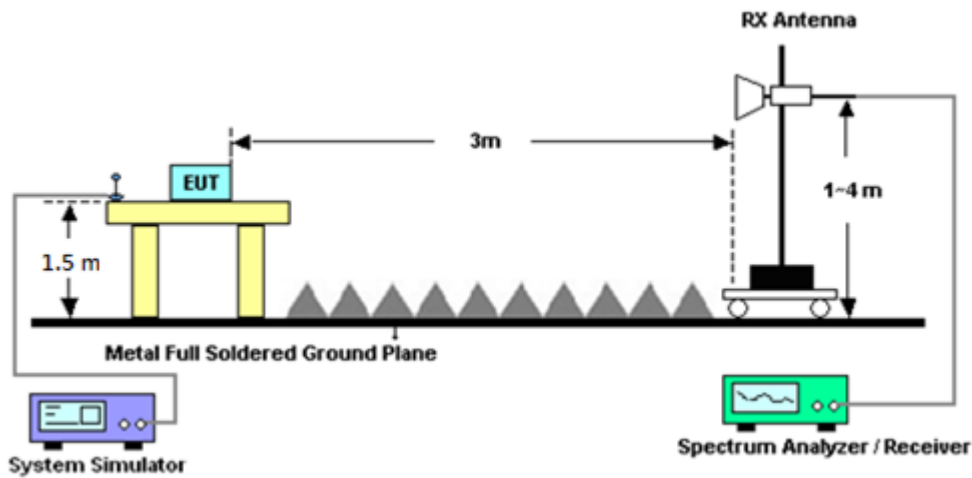
For radiated test below 30MHz



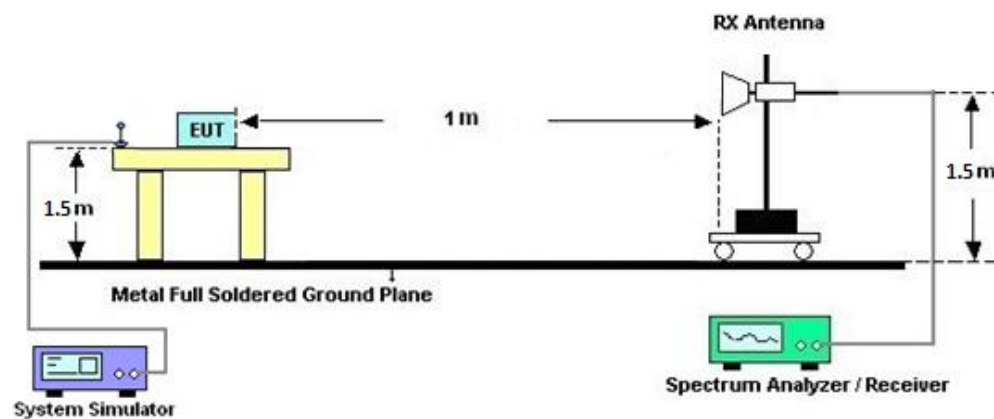
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Apr. 16, 2022~ May 17, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	Apr. 16, 2022~ May 17, 2022	Jan. 02, 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	Apr. 16, 2022~ May 17, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Apr. 16, 2022~ May 17, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Apr. 16, 2022~ May 17, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N 1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Apr. 16, 2022~ May 17, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802N 1D01N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Apr. 16, 2022~ May 17, 2022	Oct. 08, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Apr. 16, 2022~ May 17, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz~18GHz	Nov. 02, 2021	Apr. 16, 2022~ May 17, 2022	Nov. 01, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz-40GHz	Nov. 04, 2021	Apr. 16, 2022~ May 17, 2022	Nov. 03, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Apr. 16, 2022~ May 17, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200889	N/A	Sep. 30, 2021	Apr. 16, 2022~ May 17, 2022	Sep. 29, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 19, 2022	Apr. 16, 2022~ May 17, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Apr. 16, 2022~ May 17, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 16, 2022~ May 17, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 16, 2022~ May 17, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 16, 2022~ May 17, 2022	N/A	Radiation (03CH20-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 08, 2021	Apr. 16, 2022~ May 17, 2022	Dec. 07, 2022	Radiation (03CH20-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	2/3/4G/LTE FDD/TDD with 44/LTE-3C C DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Mar. 21, 2022~ Jun. 05, 2022	Jul. 20, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Oct. 01, 2021	Mar. 21, 2022~ Jun. 05, 2022	Sep. 30, 2022	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 09, 2021	Mar. 21, 2022~ Jun. 05, 2022	Sep. 08, 2022	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Jan. 06, 2022	Mar. 21, 2022~ Jun. 05, 2022	Jan. 05, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Mar. 21, 2022~ Jun. 05, 2022	Jan. 06, 2023	Conducted (TH03-HY)



6 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.33 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.40 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.43 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Primary Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.46	24.61	24.56	25.01	0.3170
20	1	49		24.42	24.53	24.55		
20	1	99		24.15	24.27	24.33		
20	50	0		23.40	23.49	23.48		
20	50	24		23.36	23.45	23.44		
20	50	50		23.29	23.41	23.38		
20	100	0		23.36	23.45	23.42		
20	1	0	16-QAM	23.78	23.92	23.79	24.32	0.2704
20	1	49		23.81	23.80	23.86		
20	1	99		23.55	23.64	23.63		
20	50	0		21.43	21.51	21.48		
20	50	24		21.42	21.47	21.49		
20	50	50		21.43	21.42	21.46		
20	100	0		21.40	21.47	21.48		
20	1	0	64-QAM	22.72	22.85	22.68	23.25	0.2113
20	1	49		22.50	22.70	22.74		
20	1	99		22.43	22.58	22.63		
20	50	0		21.48	21.59	21.56		
20	50	24		21.43	21.54	21.55		
20	50	50		21.36	21.48	21.53		
20	100	0		21.37	21.50	21.50		
20	1	0	256-QAM	19.38	19.41	19.33	19.81	0.0957
20	1	49		19.34	19.40	19.39		
20	1	99		19.17	19.21	19.14		
20	50	0		18.43	18.44	18.44		
20	50	24		18.43	18.43	18.43		
20	50	50		18.42	18.41	18.45		
20	100	0		18.44	18.42	18.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.47	24.58	24.58	24.98	0.3148
15	1	37		24.49	24.47	24.48		
15	1	74		24.08	24.23	24.30		
15	36	0		23.38	23.58	23.41		
15	36	20		23.26	23.51	23.50		
15	36	39		23.28	23.51	23.35		
15	75	0		23.39	23.55	23.46		
15	1	0	16-QAM	23.81	23.96	23.75	24.36	0.2729
15	1	37		23.85	23.78	23.94		
15	1	74		23.58	23.57	23.53		
15	36	0		21.47	21.44	21.46		
15	36	20		21.48	21.51	21.52		
15	36	39		21.43	21.44	21.41		
15	75	0		21.43	21.56	21.42		
15	1	0	64-QAM	22.66	22.87	22.76	23.27	0.2123
15	1	37		22.41	22.64	22.74		
15	1	74		22.45	22.52	22.61		
15	36	0		21.55	21.59	21.58		
15	36	20		21.34	21.54	21.51		
15	36	39		21.44	21.46	21.60		
15	75	0		21.27	21.58	21.53		
15	1	0	256-QAM	19.29	19.35	19.26	19.75	0.0944
15	1	37		19.27	19.34	19.34		
15	1	74		19.07	19.18	19.13		
15	36	0		18.46	18.45	18.41		
15	36	20		18.43	18.46	18.44		
15	36	39		18.49	18.41	18.40		
15	75	0		18.46	18.47	18.44		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.52	24.55	24.52	25.00	0.3162
10	1	25		24.52	24.55	24.60		
10	1	49		24.05	24.34	24.35		
10	25	0		23.47	23.39	23.44		
10	25	12		23.42	23.46	23.52		
10	25	25		23.26	23.43	23.31		
10	50	0		23.27	23.49	23.43		
10	1	0	16-QAM	23.72	23.93	23.81	24.33	0.2710
10	1	25		23.73	23.82	23.85		
10	1	49		23.51	23.62	23.57		
10	25	0		21.42	21.47	21.51		
10	25	12		21.46	21.48	21.49		
10	25	25		21.41	21.49	21.54		
10	50	0		21.45	21.40	21.53		
10	1	0	64-QAM	22.76	22.83	22.76	23.23	0.2104
10	1	25		22.44	22.74	22.69		
10	1	49		22.33	22.61	22.57		
10	25	0		21.41	21.64	21.60		
10	25	12		21.47	21.53	21.53		
10	25	25		21.39	21.55	21.48		
10	50	0		21.37	21.58	21.43		
10	1	0	256-QAM	19.33	19.39	19.29	19.79	0.0953
10	1	25		19.26	19.38	19.34		
10	1	49		19.09	19.20	19.09		
10	25	0		18.44	18.43	18.49		
10	25	12		18.45	18.46	18.43		
10	25	25		18.42	18.47	18.40		
10	50	0		18.48	18.42	18.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.46	24.53	24.52	24.93	0.3112
5	1	12		24.50	24.44	24.50		
5	1	24		24.11	24.33	24.23		
5	12	0		23.50	23.58	23.49		
5	12	7		23.37	23.48	23.35		
5	12	13		23.32	23.51	23.41		
5	25	0		23.35	23.47	23.36		
5	1	0	16-QAM	23.80	24.00	23.83	24.40	0.2754
5	1	12		23.80	23.87	23.93		
5	1	24		23.47	23.66	23.54		
5	12	0		21.47	21.56	21.58		
5	12	7		21.49	21.55	21.40		
5	12	13		21.52	21.51	21.46		
5	25	0		21.42	21.43	21.42		
5	1	0	64-QAM	22.79	22.81	22.66	23.21	0.2094
5	1	12		22.41	22.73	22.78		
5	1	24		22.36	22.57	22.62		
5	12	0		21.45	21.64	21.46		
5	12	7		21.47	21.64	21.59		
5	12	13		21.45	21.40	21.58		
5	25	0		21.34	21.49	21.57		
5	1	0	256-QAM	19.38	19.38	19.27	19.78	0.0951
5	1	12		19.34	19.30	19.31		
5	1	24		19.12	19.12	19.04		
5	12	0		18.40	18.42	18.46		
5	12	7		18.41	18.43	18.46		
5	12	13		18.48	18.44	18.46		
5	25	0		18.44	18.43	18.40		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.51	24.49	24.50	24.97	0.3141
3	1	8		24.42	24.57	24.51		
3	1	14		24.24	24.28	24.32		
3	8	0		23.47	23.51	23.43		
3	8	4		23.27	23.54	23.36		
3	8	7		23.30	23.48	23.42		
3	15	0		23.46	23.38	23.33		
3	1	0	16-QAM	23.85	23.95	23.84	24.35	0.2723
3	1	8		23.76	23.70	23.76		
3	1	14		23.54	23.71	23.53		
3	8	0		21.44	21.44	21.40		
3	8	4		21.45	21.57	21.46		
3	8	7		21.44	21.42	21.55		
3	15	0		21.41	21.49	21.57		
3	1	0	64-QAM	22.71	22.89	22.78	23.29	0.2133
3	1	8		22.51	22.71	22.69		
3	1	14		22.49	22.57	22.64		
3	8	0		21.43	21.54	21.55		
3	8	4		21.45	21.59	21.50		
3	8	7		21.43	21.41	21.47		
3	15	0		21.32	21.43	21.46		
3	1	0	256-QAM	19.34	19.38	19.33	19.78	0.0951
3	1	8		19.30	19.35	19.35		
3	1	14		19.12	19.13	19.09		
3	8	0		18.41	18.49	18.41		
3	8	4		18.41	18.43	18.49		
3	8	7		18.40	18.41	18.49		
3	15	0		18.49	18.44	18.42		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.43	24.55	24.59	25.00	0.3162
1.4	1	3		24.56	24.53	24.51		
1.4	1	5		24.37	24.59	24.55		
1.4	3	0		24.45	24.60	24.48		
1.4	3	1		24.56	24.59	24.59		
1.4	3	3		24.49	24.56	24.54		
1.4	6	0		23.45	23.51	23.66		
1.4	1	0	16-QAM	23.48	23.56	23.50	24.09	0.2564
1.4	1	3		23.38	23.62	23.51		
1.4	1	5		23.46	23.65	23.57		
1.4	3	0		23.45	23.68	23.60		
1.4	3	1		23.38	23.69	23.54		
1.4	3	3		23.51	23.69	23.51		
1.4	6	0		22.54	22.52	22.55		
1.4	1	0	64-QAM	22.44	22.62	22.50	23.09	0.2037
1.4	1	3		22.43	22.69	22.49		
1.4	1	5		22.41	22.69	22.60		
1.4	3	0		22.50	22.58	22.54		
1.4	3	1		22.47	22.55	22.50		
1.4	3	3		22.55	22.65	22.54		
1.4	6	0		21.37	21.53	21.51		
1.4	1	0	256-QAM	19.38	19.38	19.33	19.88	0.0973
1.4	1	3		19.33	19.30	19.31		
1.4	1	5		19.09	19.12	19.07		
1.4	3	0		19.48	19.48	19.48		
1.4	3	1		19.42	19.46	19.44		
1.4	3	3		19.40	19.42	19.42		
1.4	6	0		18.47	18.40	18.40		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.35	24.42	24.21	24.82	0.3034
20	1	49		24.19	24.23	24.14		
20	1	99		24.05	24.13	23.87		
20	50	0		23.25	23.30	23.07		
20	50	24		23.21	23.24	23.02		
20	50	50		23.12	23.21	22.97		
20	100	0		23.18	23.26	23.00		
20	1	0	16-QAM	23.62	23.68	23.40	24.08	0.2559
20	1	49		23.45	23.48	23.38		
20	1	99		23.27	23.18	23.14		
20	50	0		22.22	22.15	22.05		
20	50	24		22.22	22.17	22.05		
20	50	50		22.14	22.19	22.00		
20	100	0		22.16	22.24	22.03		
20	1	0	64-QAM	22.41	22.39	22.44	22.93	0.1963
20	1	49		22.36	22.28	22.53		
20	1	99		22.16	22.17	22.23		
20	50	0		21.32	21.39	21.14		
20	50	24		21.25	21.33	21.10		
20	50	50		21.17	21.14	21.08		
20	100	0		21.21	21.16	21.09		
20	1	0	256-QAM	19.39	19.41	19.38	19.81	0.0957
20	1	49		19.33	19.38	19.33		
20	1	99		19.17	19.21	19.20		
20	50	0		19.25	19.27	19.17		
20	50	24		19.11	19.19	19.15		
20	50	50		19.12	19.14	19.08		
20	100	0		19.19	19.23	19.23		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.33	24.40	24.26	24.80	0.3020
15	1	37		24.28	24.14	24.14		
15	1	74		24.11	24.15	23.82		
15	36	0		23.35	23.40	23.15		
15	36	20		23.21	23.20	22.92		
15	36	39		23.11	23.23	23.01		
15	75	0		23.17	23.36	23.03		
15	1	0	16-QAM	23.60	23.58	23.42	24.00	0.2512
15	1	37		23.38	23.43	23.36		
15	1	74		23.21	23.13	23.19		
15	36	0		22.23	22.12	21.96		
15	36	20		22.30	22.08	22.06		
15	36	39		22.13	22.11	21.90		
15	75	0		22.20	22.19	22.10		
15	1	0	64-QAM	22.47	22.30	22.39	22.94	0.1968
15	1	37		22.41	22.22	22.54		
15	1	74		22.25	22.10	22.26		
15	36	0		21.31	21.34	21.14		
15	36	20		21.18	21.31	21.01		
15	36	39		21.27	21.07	21.12		
15	75	0		21.14	21.17	21.19		
15	1	0	256-QAM	19.35	19.41	19.31	19.81	0.0957
15	1	37		19.23	19.38	19.33		
15	1	74		19.16	19.20	19.15		
15	36	0		19.17	19.19	19.14		
15	36	20		19.07	19.12	19.10		
15	36	39		19.11	19.04	19.08		
15	75	0		19.18	19.21	19.18		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.30	24.41	24.30	24.81	0.3027
10	1	25		24.09	24.15	24.24		
10	1	49		23.95	24.05	23.87		
10	25	0		23.15	23.26	23.07		
10	25	12		23.22	23.30	23.06		
10	25	25		23.12	23.18	23.04		
10	50	0		23.22	23.34	23.10		
10	1	0	16-QAM	23.65	23.61	23.31	24.05	0.2541
10	1	25		23.43	23.55	23.28		
10	1	49		23.32	23.18	23.19		
10	25	0		22.27	22.11	22.00		
10	25	12		22.18	22.23	22.09		
10	25	25		22.09	22.19	22.07		
10	50	0		22.25	22.21	22.09		
10	1	0	64-QAM	22.37	22.32	22.50	22.90	0.1950
10	1	25		22.39	22.28	22.45		
10	1	49		22.23	22.20	22.24		
10	25	0		21.36	21.49	21.11		
10	25	12		21.31	21.25	21.20		
10	25	25		21.16	21.14	21.05		
10	50	0		21.25	21.13	21.02		
10	1	0	256-QAM	19.34	19.36	19.30	19.76	0.0946
10	1	25		19.31	19.29	19.31		
10	1	49		19.17	19.20	19.17		
10	25	0		19.18	19.18	19.17		
10	25	12		19.02	19.13	19.08		
10	25	25		19.09	19.14	19.08		
10	50	0		19.19	19.15	19.16		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.27	24.37	24.14	24.77	0.2999
5	1	12		24.09	24.13	24.13		
5	1	24		23.96	24.05	23.93		
5	12	0		23.25	23.25	23.15		
5	12	7		23.20	23.30	23.09		
5	12	13		23.11	23.23	23.05		
5	25	0		23.18	23.19	23.03		
5	1	0	16-QAM	23.71	23.60	23.47	24.11	0.2576
5	1	12		23.42	23.56	23.31		
5	1	24		23.37	23.18	23.22		
5	12	0		22.20	22.10	22.04		
5	12	7		22.18	22.10	22.14		
5	12	13		22.14	22.28	21.98		
5	25	0		22.26	22.23	22.07		
5	1	0	64-QAM	22.34	22.33	22.40	22.90	0.1950
5	1	12		22.35	22.36	22.50		
5	1	24		22.26	22.07	22.31		
5	12	0		21.41	21.47	21.15		
5	12	7		21.16	21.32	21.16		
5	12	13		21.22	21.21	21.05		
5	25	0		21.29	21.18	21.15		
5	1	0	256-QAM	19.29	19.36	19.38	19.78	0.0951
5	1	12		19.33	19.38	19.32		
5	1	24		19.09	19.19	19.15		
5	12	0		19.18	19.20	19.09		
5	12	7		19.05	19.15	19.09		
5	12	13		19.03	19.11	19.04		
5	25	0		19.09	19.21	19.19		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.36	24.40	24.29	24.80	0.3020
3	1	8		24.23	24.13	24.18		
3	1	14		24.10	24.22	23.80		
3	8	0		23.30	23.27	23.16		
3	8	4		23.14	23.29	22.99		
3	8	7		23.10	23.15	22.94		
3	15	0		23.24	23.31	23.04		
3	1	0	16-QAM	23.52	23.73	23.30	24.13	0.2588
3	1	8		23.41	23.53	23.34		
3	1	14		23.34	23.26	23.10		
3	8	0		22.29	22.13	22.02		
3	8	4		22.17	22.21	21.97		
3	8	7		22.16	22.19	21.91		
3	15	0		22.24	22.20	22.00		
3	1	0	64-QAM	22.39	22.46	22.35	22.86	0.1932
3	1	8		22.45	22.31	22.46		
3	1	14		22.10	22.15	22.31		
3	8	0		21.32	21.34	21.07		
3	8	4		21.15	21.41	21.08		
3	8	7		21.15	21.09	20.98		
3	15	0		21.15	21.23	21.06		
3	1	0	256-QAM	19.34	19.32	19.35	19.75	0.0944
3	1	8		19.28	19.32	19.24		
3	1	14		19.10	19.15	19.11		
3	8	0		19.25	19.25	19.14		
3	8	4		19.10	19.11	19.10		
3	8	7		19.09	19.04	18.98		
3	15	0		19.18	19.23	19.21		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.39	24.38	24.14	24.81	0.3027
1.4	1	3		24.34	24.40	24.27		
1.4	1	5		24.35	24.34	24.13		
1.4	3	0		24.38	24.35	24.16		
1.4	3	1		24.30	24.41	24.12		
1.4	3	3		24.40	24.34	24.14		
1.4	6	0		23.34	23.37	23.23		
1.4	1	0	16-QAM	23.30	23.44	23.28	23.87	0.2438
1.4	1	3		23.36	23.47	23.25		
1.4	1	5		23.32	23.44	23.23		
1.4	3	0		23.45	23.42	23.13		
1.4	3	1		23.30	23.45	23.12		
1.4	3	3		23.39	23.38	23.29		
1.4	6	0		22.29	22.30	22.22		
1.4	1	0	64-QAM	22.39	22.42	22.11	22.86	0.1932
1.4	1	3		22.32	22.33	22.18		
1.4	1	5		22.45	22.40	22.15		
1.4	3	0		22.26	22.40	22.11		
1.4	3	1		22.41	22.46	22.14		
1.4	3	3		22.28	22.38	22.17		
1.4	6	0		21.43	21.44	21.28		
1.4	1	0	256-QAM	19.29	19.36	19.32	19.76	0.0946
1.4	1	3		19.25	19.29	19.31		
1.4	1	5		19.10	19.20	19.10		
1.4	3	0		19.25	19.17	19.17		
1.4	3	1		19.07	19.12	19.09		
1.4	3	3		19.11	19.07	19.04		
1.4	6	0		19.09	19.14	19.23		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.29	24.40	24.38	24.00	0.2512
20	1	49		24.19	24.23	24.32		
20	1	99		24.07	24.06	24.09		
20	50	0		23.28	23.39	23.38		
20	50	24		23.25	23.28	23.33		
20	50	50		23.21	23.23	23.25		
20	100	0		23.23	23.31	23.30		
20	1	0	16-QAM	23.63	23.71	23.63	23.31	0.2143
20	1	49		23.44	23.51	23.57		
20	1	99		23.40	23.48	23.41		
20	50	0		22.29	22.32	22.36		
20	50	24		22.26	22.27	22.30		
20	50	50		22.20	22.21	22.24		
20	100	0		22.24	22.26	22.28		
20	1	0	64-QAM	22.53	22.55	22.60	22.20	0.1660
20	1	49		22.59	22.52	22.52		
20	1	99		22.36	22.32	22.30		
20	50	0		21.33	21.37	21.39		
20	50	24		21.29	21.29	21.33		
20	50	50		21.24	21.23	21.25		
20	100	0		21.24	21.27	21.29		
20	1	0	256-QAM	19.09	19.13	19.08	18.73	0.0746
20	1	49		19.01	19.09	19.02		
20	1	99		18.80	18.87	18.84		
20	50	0		19.12	19.12	19.04		
20	50	24		19.01	19.09	18.99		
20	50	50		18.98	19.05	19.05		
20	100	0		19.05	19.09	19.04		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.26	24.34	24.33	23.94	0.2477
15	1	37		24.19	24.18	24.28		
15	1	74		24.07	24.13	24.03		
15	36	0		23.26	23.49	23.43		
15	36	20		23.28	23.29	23.39		
15	36	39		23.30	23.13	23.17		
15	75	0		23.22	23.26	23.23		
15	1	0	16-QAM	23.67	23.68	23.60	23.28	0.2128
15	1	37		23.44	23.52	23.65		
15	1	74		23.49	23.45	23.47		
15	36	0		22.37	22.34	22.34		
15	36	20		22.19	22.36	22.29		
15	36	39		22.12	22.15	22.21		
15	75	0		22.19	22.28	22.24		
15	1	0	64-QAM	22.59	22.45	22.66	22.26	0.1683
15	1	37		22.54	22.48	22.45		
15	1	74		22.43	22.41	22.36		
15	36	0		21.40	21.28	21.34		
15	36	20		21.36	21.21	21.30		
15	36	39		21.28	21.17	21.34		
15	75	0		21.24	21.28	21.35		
15	1	0	256-QAM	19.04	19.03	19.03	18.69	0.0740
15	1	37		18.93	19.05	18.96		
15	1	74		18.82	18.88	18.87		
15	36	0		19.03	19.02	18.97		
15	36	20		18.95	19.09	18.99		
15	36	39		18.96	19.05	18.95		
15	75	0		19.03	19.00	18.97		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.19	24.35	24.36	23.96	0.2489
10	1	25		24.09	24.26	24.32		
10	1	49		24.00	24.15	24.14		
10	25	0		23.33	23.39	23.40		
10	25	12		23.16	23.34	23.34		
10	25	25		23.20	23.32	23.23		
10	50	0		23.22	23.31	23.29		
10	1	0	16-QAM	23.60	23.70	23.68	23.30	0.2138
10	1	25		23.49	23.41	23.60		
10	1	49		23.49	23.58	23.31		
10	25	0		22.38	22.42	22.38		
10	25	12		22.18	22.30	22.23		
10	25	25		22.12	22.11	22.16		
10	50	0		22.26	22.26	22.26		
10	1	0	64-QAM	22.59	22.51	22.63	22.25	0.1679
10	1	25		22.65	22.55	22.45		
10	1	49		22.45	22.22	22.27		
10	25	0		21.42	21.35	21.48		
10	25	12		21.24	21.19	21.37		
10	25	25		21.33	21.18	21.33		
10	50	0		21.27	21.18	21.33		
10	1	0	256-QAM	18.99	19.05	19.05	18.72	0.0745
10	1	25		18.95	19.05	18.99		
10	1	49		18.84	18.89	18.87		
10	25	0		19.12	19.07	19.00		
10	25	12		18.92	19.01	18.96		
10	25	25		18.89	19.04	19.02		
10	50	0		19.02	19.06	19.03		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.26	24.35	24.30	23.95	0.2483
5	1	12		24.09	24.20	24.31		
5	1	24		24.12	24.14	24.15		
5	12	0		23.37	23.47	23.44		
5	12	7		23.24	23.34	23.30		
5	12	13		23.27	23.33	23.24		
5	25	0		23.23	23.39	23.29		
5	1	0	16-QAM	23.70	23.70	23.55	23.30	0.2138
5	1	12		23.34	23.59	23.52		
5	1	24		23.34	23.45	23.39		
5	12	0		22.39	22.38	22.45		
5	12	7		22.35	22.35	22.29		
5	12	13		22.15	22.23	22.24		
5	25	0		22.18	22.23	22.37		
5	1	0	64-QAM	22.58	22.62	22.66	22.26	0.1683
5	1	12		22.65	22.49	22.50		
5	1	24		22.30	22.22	22.32		
5	12	0		21.40	21.47	21.42		
5	12	7		21.26	21.33	21.29		
5	12	13		21.21	21.30	21.23		
5	25	0		21.31	21.30	21.30		
5	1	0	256-QAM	19.07	19.09	19.08	18.69	0.0740
5	1	12		19.01	19.07	18.96		
5	1	24		18.82	18.84	18.85		
5	12	0		19.02	19.07	19.03		
5	12	7		18.96	19.06	18.90		
5	12	13		18.98	19.05	19.01		
5	25	0		19.02	19.01	19.01		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.20	24.38	24.36	23.98	0.2500
3	1	8		24.12	24.14	24.32		
3	1	14		24.07	24.14	24.06		
3	8	0		23.27	23.37	23.47		
3	8	4		23.32	23.24	23.24		
3	8	7		23.11	23.18	23.24		
3	15	0		23.30	23.25	23.30		
3	1	0	16-QAM	23.60	23.81	23.61	23.41	0.2193
3	1	8		23.52	23.47	23.55		
3	1	14		23.42	23.55	23.44		
3	8	0		22.33	22.25	22.39		
3	8	4		22.17	22.33	22.33		
3	8	7		22.15	22.26	22.33		
3	15	0		22.31	22.16	22.25		
3	1	0	64-QAM	22.57	22.55	22.68	22.28	0.1690
3	1	8		22.57	22.47	22.61		
3	1	14		22.34	22.23	22.32		
3	8	0		21.23	21.37	21.44		
3	8	4		21.22	21.21	21.36		
3	8	7		21.15	21.15	21.21		
3	15	0		21.16	21.37	21.22		
3	1	0	256-QAM	19.08	19.12	19.00	18.72	0.0745
3	1	8		18.95	19.09	18.94		
3	1	14		18.88	18.86	18.86		
3	8	0		19.12	19.09	18.96		
3	8	4		18.97	19.07	18.89		
3	8	7		18.88	18.99	19.01		
3	15	0		19.03	19.02	18.99		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.25	24.33	24.34	23.99	0.2506
1.4	1	3		24.31	24.31	24.32		
1.4	1	5		24.23	24.39	24.37		
1.4	3	0		24.27	24.33	24.32		
1.4	3	1		24.38	24.34	24.32		
1.4	3	3		24.30	24.33	24.36		
1.4	6	0		23.28	23.44	23.36		
1.4	1	0	16-QAM	23.33	23.47	23.46	23.07	0.2028
1.4	1	3		23.28	23.38	23.38		
1.4	1	5		23.32	23.44	23.28		
1.4	3	0		23.37	23.44	23.43		
1.4	3	1		23.26	23.34	23.40		
1.4	3	3		23.27	23.45	23.42		
1.4	6	0		22.33	22.46	22.40		
1.4	1	0	64-QAM	22.25	22.46	22.29	22.09	0.1618
1.4	1	3		22.38	22.49	22.44		
1.4	1	5		22.32	22.48	22.31		
1.4	3	0		22.22	22.33	22.47		
1.4	3	1		22.28	22.47	22.46		
1.4	3	3		22.35	22.48	22.34		
1.4	6	0		21.34	21.34	21.39		
1.4	1	0	256-QAM	19.03	19.10	18.99	18.70	0.0741
1.4	1	3		19.00	19.05	18.96		
1.4	1	5		18.84	18.87	18.82		
1.4	3	0		19.03	19.07	19.00		
1.4	3	1		19.00	19.03	18.98		
1.4	3	3		18.97	19.02	19.02		
1.4	6	0		19.04	19.09	19.00		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.44	24.50	24.49	18.75	0.0750
10	1	25		24.39	24.40	24.41		
10	1	49		24.32	24.35	24.28		
10	25	0		23.51	23.55	23.54		
10	25	12		23.48	23.48	23.53		
10	25	25		23.44	23.46	23.49		
10	50	0		23.46	23.53	23.52		
10	1	0	16-QAM	23.73	23.71	23.72	17.98	0.0628
10	1	25		23.63	23.68	23.72		
10	1	49		23.67	23.59	23.52		
10	25	0		22.53	22.54	22.56		
10	25	12		22.52	22.51	22.55		
10	25	25		22.50	22.48	22.49		
10	50	0		22.46	22.49	22.51		
10	1	0	64-QAM	22.60	22.52	22.62	16.88	0.0488
10	1	25		22.57	22.56	22.56		
10	1	49		22.63	22.49	22.47		
10	25	0		21.48	21.47	21.51		
10	25	12		21.48	21.47	21.46		
10	25	25		21.43	21.43	21.42		
10	50	0		21.49	21.52	21.49		
10	1	0	256-QAM	19.61	19.67	19.58	13.92	0.0247
10	1	25		19.59	19.65	19.65		
10	1	49		19.55	19.55	19.45		
10	25	0		19.57	19.63	19.59		
10	25	12		19.47	19.51	19.47		
10	25	25		19.45	19.53	19.43		
10	50	0		19.56	19.63	19.54		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.40	24.42	24.42	18.71	0.0743
5	1	12		24.46	24.38	24.41		
5	1	24		24.32	24.44	24.31		
5	12	0		23.59	23.48	23.61		
5	12	7		23.47	23.42	23.44		
5	12	13		23.37	23.38	23.59		
5	25	0		23.51	23.62	23.44		
5	1	0	16-QAM	23.67	23.77	23.76	18.02	0.0634
5	1	12		23.65	23.59	23.76		
5	1	24		23.65	23.53	23.46		
5	12	0		22.63	22.62	22.64		
5	12	7		22.50	22.55	22.59		
5	12	13		22.59	22.53	22.53		
5	25	0		22.43	22.39	22.49		
5	1	0	64-QAM	22.69	22.58	22.58	16.94	0.0494
5	1	12		22.61	22.53	22.50		
5	1	24		22.67	22.54	22.46		
5	12	0		21.47	21.37	21.49		
5	12	7		21.47	21.45	21.44		
5	12	13		21.44	21.41	21.37		
5	25	0		21.48	21.46	21.51		
5	1	0	256-QAM	19.60	19.65	19.58	13.90	0.0245
5	1	12		19.49	19.59	19.60		
5	1	24		19.46	19.51	19.44		
5	12	0		19.57	19.57	19.57		
5	12	7		19.40	19.41	19.41		
5	12	13		19.38	19.52	19.40		
5	25	0		19.54	19.55	19.49		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.47	24.47	24.45	18.72	0.0745
3	1	8		24.31	24.37	24.41		
3	1	14		24.26	24.30	24.23		
3	8	0		23.45	23.60	23.52		
3	8	4		23.51	23.50	23.54		
3	8	7		23.50	23.51	23.50		
3	15	0		23.46	23.47	23.43		
3	1	0	16-QAM	23.78	23.72	23.76	18.06	0.0640
3	1	8		23.65	23.72	23.81		
3	1	14		23.57	23.69	23.47		
3	8	0		22.60	22.46	22.53		
3	8	4		22.43	22.57	22.47		
3	8	7		22.43	22.49	22.49		
3	15	0		22.56	22.42	22.57		
3	1	0	64-QAM	22.66	22.60	22.60	16.91	0.0491
3	1	8		22.64	22.57	22.48		
3	1	14		22.65	22.56	22.39		
3	8	0		21.58	21.50	21.47		
3	8	4		21.58	21.56	21.43		
3	8	7		21.46	21.48	21.35		
3	15	0		21.48	21.51	21.50		
3	1	0	256-QAM	19.53	19.65	19.57	13.90	0.0245
3	1	8		19.53	19.56	19.57		
3	1	14		19.49	19.45	19.39		
3	8	0		19.52	19.60	19.55		
3	8	4		19.45	19.43	19.46		
3	8	7		19.35	19.47	19.36		
3	15	0		19.46	19.55	19.53		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.43	24.49	24.47	18.74	0.0748
1.4	1	3		24.49	24.49	24.46		
1.4	1	5		24.47	24.47	24.44		
1.4	3	0		24.48	24.41	24.47		
1.4	3	1		24.43	24.45	24.49		
1.4	3	3		24.43	24.45	24.48		
1.4	6	0		23.53	23.51	23.55		
1.4	1	0	16-QAM	23.38	23.47	23.41	17.81	0.0604
1.4	1	3		23.37	23.45	23.40		
1.4	1	5		23.34	23.51	23.47		
1.4	3	0		23.41	23.56	23.40		
1.4	3	1		23.53	23.46	23.53		
1.4	3	3		23.43	23.44	23.40		
1.4	6	0		22.43	22.53	22.42		
1.4	1	0	64-QAM	22.48	22.53	22.48	16.83	0.0482
1.4	1	3		22.53	22.54	22.43		
1.4	1	5		22.40	22.55	22.41		
1.4	3	0		22.47	22.56	22.53		
1.4	3	1		22.37	22.58	22.39		
1.4	3	3		22.36	22.56	22.48		
1.4	6	0		21.50	21.57	21.40		
1.4	1	0	256-QAM	19.58	19.66	19.53	13.91	0.0246
1.4	1	3		19.51	19.65	19.56		
1.4	1	5		19.46	19.46	19.43		
1.4	3	0		19.50	19.55	19.55		
1.4	3	1		19.40	19.45	19.47		
1.4	3	3		19.35	19.51	19.33		
1.4	6	0		19.50	19.57	19.46		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.71	24.73	24.68	22.63	0.1832
20	1	49		24.70	24.46	24.51		
20	1	99		24.70	24.54	24.66		
20	50	0		23.62	23.68	23.60		
20	50	24		23.61	23.53	23.54		
20	50	50		23.60	23.55	23.59		
20	100	0		23.64	23.65	23.56		
20	1	0	16-QAM	23.78	23.91	23.78	21.87	0.1538
20	1	49		23.89	23.78	23.84		
20	1	99		23.97	23.72	23.83		
20	50	0		22.55	22.55	22.53		
20	50	24		22.61	22.55	22.62		
20	50	50		22.70	22.55	22.67		
20	100	0		22.62	22.50	22.60		
20	1	0	64-QAM	22.67	22.73	22.72	20.85	0.1216
20	1	49		22.89	22.83	22.95		
20	1	99		22.94	22.63	22.86		
20	50	0		21.63	21.62	21.62		
20	50	24		21.66	21.59	21.68		
20	50	50		21.73	21.59	21.71		
20	100	0		21.65	21.57	21.65		
20	1	0	256-QAM	19.58	19.61	19.53	17.51	0.0564
20	1	49		19.52	19.56	19.47		
20	1	99		19.43	19.43	19.43		
20	50	0		19.44	19.46	19.44		
20	50	24		19.43	19.43	19.35		
20	50	50		19.35	19.41	19.37		
20	100	0		19.39	19.39	19.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.70	24.65	24.67	22.61	0.1824
15	1	37		24.61	24.49	24.43		
15	1	74		24.66	24.61	24.71		
15	36	0		23.67	23.71	23.56		
15	36	20		23.68	23.48	23.62		
15	36	39		23.70	23.62	23.60		
15	75	0		23.73	23.58	23.62		
15	1	0	16-QAM	23.73	23.97	23.82	21.87	0.1538
15	1	37		23.82	23.69	23.91		
15	1	74		23.92	23.81	23.88		
15	36	0		22.53	22.60	22.47		
15	36	20		22.64	22.45	22.66		
15	36	39		22.71	22.54	22.71		
15	75	0		22.64	22.44	22.67		
15	1	0	64-QAM	22.70	22.80	22.75	20.94	0.1242
15	1	37		22.96	22.80	23.04		
15	1	74		22.85	22.60	22.89		
15	36	0		21.69	21.70	21.71		
15	36	20		21.65	21.65	21.77		
15	36	39		21.66	21.51	21.78		
15	75	0		21.60	21.56	21.75		
15	1	0	256-QAM	19.48	19.57	19.51	17.47	0.0558
15	1	37		19.44	19.46	19.45		
15	1	74		19.33	19.41	19.33		
15	36	0		19.36	19.38	19.39		
15	36	20		19.38	19.41	19.29		
15	36	39		19.33	19.40	19.27		
15	75	0		19.35	19.38	19.32		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.71	24.72	24.61	22.62	0.1828
10	1	25		24.69	24.48	24.41		
10	1	49		24.72	24.60	24.72		
10	25	0		23.54	23.67	23.56		
10	25	12		23.70	23.49	23.52		
10	25	25		23.54	23.54	23.55		
10	50	0		23.64	23.55	23.58		
10	1	0	16-QAM	23.86	23.82	23.79	21.81	0.1517
10	1	25		23.85	23.83	23.80		
10	1	49		23.91	23.74	23.88		
10	25	0		22.59	22.45	22.43		
10	25	12		22.68	22.45	22.65		
10	25	25		22.79	22.58	22.75		
10	50	0		22.54	22.56	22.62		
10	1	0	64-QAM	22.65	22.65	22.66	20.90	0.1230
10	1	25		22.87	22.85	22.86		
10	1	49		23.00	22.71	22.80		
10	25	0		21.53	21.70	21.54		
10	25	12		21.76	21.59	21.59		
10	25	25		21.77	21.63	21.62		
10	50	0		21.72	21.66	21.72		
10	1	0	256-QAM	19.52	19.57	19.44	17.47	0.0558
10	1	25		19.49	19.50	19.46		
10	1	49		19.34	19.34	19.34		
10	25	0		19.38	19.40	19.43		
10	25	12		19.34	19.37	19.25		
10	25	25		19.34	19.41	19.34		
10	50	0		19.29	19.37	19.30		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.67	24.72	24.61	22.62	0.1828
5	1	12		24.66	24.52	24.59		
5	1	24		24.69	24.44	24.62		
5	12	0		23.62	23.77	23.51		
5	12	7		23.62	23.58	23.58		
5	12	13		23.69	23.52	23.51		
5	25	0		23.61	23.75	23.63		
5	1	0	16-QAM	23.81	23.85	23.77	21.97	0.1574
5	1	12		23.99	23.85	23.82		
5	1	24		24.07	23.74	23.73		
5	12	0		22.60	22.49	22.43		
5	12	7		22.60	22.47	22.69		
5	12	13		22.61	22.45	22.68		
5	25	0		22.56	22.50	22.64		
5	1	0	64-QAM	22.71	22.79	22.69	20.94	0.1242
5	1	12		22.86	22.74	22.96		
5	1	24		23.04	22.53	22.95		
5	12	0		21.67	21.68	21.72		
5	12	7		21.59	21.62	21.62		
5	12	13		21.76	21.57	21.70		
5	25	0		21.72	21.64	21.68		
5	1	0	256-QAM	19.57	19.59	19.43	17.49	0.0561
5	1	12		19.44	19.55	19.40		
5	1	24		19.39	19.36	19.43		
5	12	0		19.40	19.44	19.36		
5	12	7		19.37	19.35	19.35		
5	12	13		19.30	19.33	19.35		
5	25	0		19.34	19.31	19.34		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.60	24.61	24.55	18.16	0.0655
10	1	25		24.47	24.39	24.50		
10	1	49		24.55	24.53	24.51		
10	25	0		23.59	23.60	23.58		
10	25	12		23.53	23.58	23.55		
10	25	25		23.53	23.56	23.57		
10	50	0		23.53	23.57	23.56		
10	1	0	16-QAM	23.89	23.81	23.83	17.44	0.0555
10	1	25		23.82	23.73	23.79		
10	1	49		23.87	23.80	23.78		
10	25	0		22.51	22.54	22.59		
10	25	12		22.51	22.54	22.56		
10	25	25		22.51	22.55	22.58		
10	50	0		22.50	22.51	22.55		
10	1	0	64-QAM	22.67	22.63	22.68	16.32	0.0429
10	1	25		22.50	22.56	22.70		
10	1	49		22.74	22.77	22.69		
10	25	0		21.47	21.52	21.56		
10	25	12		21.50	21.51	21.54		
10	25	25		21.49	21.52	21.53		
10	50	0		21.54	21.55	21.55		
10	1	0	256-QAM	19.62	19.66	19.60	13.21	0.0209
10	1	25		19.45	19.54	19.50		
10	1	49		19.42	19.48	19.44		
10	25	0		19.52	19.60	19.58		
10	25	12		19.46	19.54	19.54		
10	25	25		19.48	19.52	19.43		
10	50	0		19.48	19.56	19.53		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.58	24.52	24.57	18.13	0.0650
5	1	12		24.48	24.30	24.51		
5	1	24		24.45	24.53	24.58		
5	12	0		23.56	23.56	23.50		
5	12	7		23.60	23.57	23.56		
5	12	13		23.59	23.60	23.56		
5	25	0		23.61	23.51	23.65		
5	1	0	16-QAM	23.83	23.76	23.89	17.51	0.0564
5	1	12		23.77	23.71	23.69		
5	1	24		23.96	23.77	23.71		
5	12	0		22.43	22.51	22.59		
5	12	7		22.55	22.62	22.49		
5	12	13		22.59	22.64	22.61		
5	25	0		22.48	22.43	22.49		
5	1	0	64-QAM	22.67	22.59	22.67	16.37	0.0434
5	1	12		22.44	22.56	22.78		
5	1	24		22.70	22.82	22.63		
5	12	0		21.37	21.53	21.59		
5	12	7		21.51	21.59	21.61		
5	12	13		21.51	21.57	21.61		
5	25	0		21.61	21.65	21.59		
5	1	0	256-QAM	19.61	19.58	19.51	13.16	0.0207
5	1	12		19.41	19.48	19.47		
5	1	24		19.40	19.40	19.38		
5	12	0		19.48	19.59	19.49		
5	12	7		19.41	19.49	19.52		
5	12	13		19.40	19.50	19.33		
5	25	0		19.39	19.55	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.56	24.58	24.50	18.15	0.0653
3	1	8		24.45	24.31	24.48		
3	1	14		24.60	24.46	24.55		
3	8	0		23.52	23.70	23.51		
3	8	4		23.60	23.56	23.65		
3	8	7		23.43	23.51	23.55		
3	15	0		23.45	23.61	23.63		
3	1	0	16-QAM	23.95	23.73	23.77	17.50	0.0562
3	1	8		23.83	23.75	23.69		
3	1	14		23.91	23.85	23.71		
3	8	0		22.46	22.51	22.51		
3	8	4		22.59	22.60	22.52		
3	8	7		22.44	22.48	22.51		
3	15	0		22.59	22.50	22.60		
3	1	0	64-QAM	22.76	22.53	22.70	16.32	0.0429
3	1	8		22.52	22.64	22.66		
3	1	14		22.65	22.77	22.61		
3	8	0		21.47	21.62	21.49		
3	8	4		21.43	21.48	21.49		
3	8	7		21.53	21.51	21.55		
3	15	0		21.57	21.61	21.52		
3	1	0	256-QAM	19.62	19.59	19.55	13.17	0.0207
3	1	8		19.38	19.48	19.44		
3	1	14		19.32	19.39	19.35		
3	8	0		19.51	19.57	19.49		
3	8	4		19.40	19.44	19.44		
3	8	7		19.48	19.45	19.34		
3	15	0		19.39	19.50	19.53		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.58	24.60	24.55	18.15	0.0653
1.4	1	3		24.51	24.54	24.57		
1.4	1	5		24.57	24.60	24.47		
1.4	3	0		24.60	24.54	24.59		
1.4	3	1		24.56	24.55	24.48		
1.4	3	3		24.53	24.52	24.53		
1.4	6	0		23.62	23.62	23.60		
1.4	1	0	16-QAM	23.58	23.53	23.54	17.25	0.0531
1.4	1	3		23.64	23.66	23.63		
1.4	1	5		23.70	23.56	23.56		
1.4	3	0		23.63	23.69	23.45		
1.4	3	1		23.58	23.65	23.62		
1.4	3	3		23.62	23.62	23.59		
1.4	6	0		22.59	22.59	22.56		
1.4	1	0	64-QAM	22.59	22.52	22.58	16.23	0.0420
1.4	1	3		22.57	22.62	22.46		
1.4	1	5		22.67	22.51	22.64		
1.4	3	0		22.52	22.55	22.46		
1.4	3	1		22.51	22.60	22.51		
1.4	3	3		22.68	22.52	22.62		
1.4	6	0		21.65	21.69	21.47		
1.4	1	0	256-QAM	19.56	19.60	19.50	13.15	0.0207
1.4	1	3		19.38	19.49	19.46		
1.4	1	5		19.38	19.41	19.35		
1.4	3	0		19.50	19.50	19.56		
1.4	3	1		19.42	19.50	19.52		
1.4	3	3		19.40	19.43	19.38		
1.4	6	0		19.43	19.46	19.52		
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.9 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.47	-	19.42	0.0875			
10	1	25			24.36						
10	1	49			24.33						
10	25	0			23.50						
10	25	12			23.47						
10	25	25			23.41						
10	50	0			23.46						
10	1	0	16-QAM		23.78		-	18.78	0.0755		
10	1	25			23.83						
10	1	49			23.76						
10	25	0			22.46						
10	25	12			22.43						
10	25	25			22.41						
10	50	0			22.39						
10	1	0	64-QAM		22.57			-	17.56	0.0570	
10	1	25			22.61						
10	1	49			22.54						
10	25	0			21.45						
10	25	12			21.42						
10	25	25			21.36						
10	50	0			21.42						
10	1	0	256-QAM		19.68				-	14.63	0.0290
10	1	25			19.62						
10	1	49			19.48						
10	25	0			19.57						
10	25	12			19.53						
10	25	25			19.46						
10	50	0			19.49						
Limit	ERP < 3W			Result						Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.45	24.45	24.46	19.41	0.0873
5	1	12		24.32	24.31	24.44		
5	1	24		24.24	24.27	24.42		
5	12	0		23.40	23.47	23.52		
5	12	7		23.40	23.51	23.43		
5	12	13		23.50	23.31	23.50		
5	25	0		23.47	23.48	23.54		
5	1	0	16-QAM	23.69	23.87	23.77	18.82	0.0762
5	1	12		23.82	23.76	23.86		
5	1	24		23.78	23.74	23.74		
5	12	0		22.50	22.50	22.47		
5	12	7		22.49	22.33	22.51		
5	12	13		22.44	22.45	22.39		
5	25	0		22.40	22.49	22.33		
5	1	0	64-QAM	22.56	22.52	22.62	17.64	0.0581
5	1	12		22.59	22.69	22.65		
5	1	24		22.56	22.54	22.53		
5	12	0		21.36	21.35	21.50		
5	12	7		21.42	21.40	21.51		
5	12	13		21.45	21.35	21.30		
5	25	0		21.52	21.38	21.39		
5	1	0	256-QAM	19.58	19.66	19.62	14.61	0.0289
5	1	12		19.60	19.59	19.54		
5	1	24		19.41	19.43	19.42		
5	12	0		19.53	19.49	19.56		
5	12	7		19.48	19.51	19.46		
5	12	13		19.36	19.36	19.38		
5	25	0		19.49	19.45	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.61	24.62	24.45	18.27	0.0671
10	1	25		24.51	24.45	24.35		
10	1	49		24.60	24.52	24.42		
10	25	0		23.60	23.64	23.60		
10	25	12		23.51	23.63	23.58		
10	25	25		23.58	23.63	23.59		
10	50	0		23.62	23.63	23.58		
10	1	0	16-QAM	23.84	23.78	23.79	17.56	0.0570
10	1	25		23.80	23.76	23.70		
10	1	49		23.91	23.83	23.74		
10	25	0		22.69	22.64	22.62		
10	25	12		22.68	22.64	22.59		
10	25	25		22.68	22.64	22.61		
10	50	0		22.65	22.62	22.58		
10	1	0	64-QAM	22.69	22.78	22.69	16.56	0.0453
10	1	25		22.68	22.83	22.58		
10	1	49		22.91	22.81	22.67		
10	25	0		21.64	21.59	21.64		
10	25	12		21.67	21.61	21.66		
10	25	25		21.66	21.67	21.64		
10	50	0		21.68	21.68	21.64		
10	1	0	256-QAM	19.59	19.65	19.65	13.31	0.0214
10	1	25		19.38	19.46	19.37		
10	1	49		19.39	19.44	19.35		
10	25	0		19.66	19.66	19.61		
10	25	12		19.58	19.59	19.59		
10	25	25		19.42	19.48	19.39		
10	50	0		19.63	19.64	19.56		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.54	24.52	24.51	18.25	0.0668
5	1	12		24.43	24.52	24.42		
5	1	24		24.60	24.60	24.37		
5	12	0		23.64	23.55	23.63		
5	12	7		23.49	23.73	23.55		
5	12	13		23.49	23.60	23.64		
5	25	0		23.72	23.67	23.57		
5	1	0	16-QAM	23.80	23.84	23.87	17.64	0.0581
5	1	12		23.83	23.80	23.60		
5	1	24		23.99	23.79	23.69		
5	12	0		22.65	22.67	22.71		
5	12	7		22.70	22.73	22.59		
5	12	13		22.61	22.64	22.69		
5	25	0		22.64	22.54	22.53		
5	1	0	64-QAM	22.75	22.84	22.74	16.57	0.0454
5	1	12		22.66	22.85	22.53		
5	1	24		22.92	22.80	22.64		
5	12	0		21.60	21.52	21.58		
5	12	7		21.75	21.53	21.68		
5	12	13		21.75	21.59	21.74		
5	25	0		21.74	21.76	21.57		
5	1	0	256-QAM	19.51	19.55	19.57	13.29	0.0213
5	1	12		19.37	19.36	19.29		
5	1	24		19.36	19.38	19.35		
5	12	0		19.64	19.59	19.58		
5	12	7		19.56	19.59	19.55		
5	12	13		19.38	19.41	19.29		
5	25	0		19.53	19.61	19.55		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.46	24.44	24.41	18.81	0.0760
15	1	37		24.44	24.36	24.40		
15	1	74		24.39	24.30	24.28		
15	36	0		23.45	23.32	23.44		
15	36	20		23.41	23.23	23.37		
15	36	39		23.34	23.07	23.36		
15	75	0		23.43	23.47	23.42		
15	1	0	16-QAM	23.64	23.23	23.71	18.06	0.0640
15	1	37		23.64	23.49	23.56		
15	1	74		23.48	23.47	23.27		
15	36	0		22.37	22.17	22.39		
15	36	20		22.34	22.12	22.35		
15	36	39		22.33	22.35	22.32		
15	75	0		22.33	22.37	22.37		
15	1	0	64-QAM	22.38	22.29	22.58	17.00	0.0501
15	1	37		22.38	22.38	22.65		
15	1	74		22.34	22.09	22.23		
15	36	0		21.24	21.20	21.32		
15	36	20		21.24	21.39	21.28		
15	36	39		21.23	21.28	21.23		
15	75	0		21.18	21.31	21.25		
15	1	0	256-QAM	19.62	19.70	19.54	14.05	0.0254
15	1	37		19.42	19.48	19.38		
15	1	74		19.35	19.39	19.29		
15	36	0		18.83	18.98	18.82		
15	36	20		18.66	18.75	18.57		
15	36	39		18.65	18.47	18.65		
15	75	0		18.71	18.42	18.62		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.29	24.53	24.44	18.88	0.0773
10	1	25		24.42	24.36	24.43		
10	1	49		24.28	24.40	24.18		
10	25	0		23.20	23.39	23.51		
10	25	12		23.24	23.45	23.32		
10	25	25		23.29	23.36	23.30		
10	50	0		23.41	23.51	23.47		
10	1	0	16-QAM	23.40	23.79	23.72	18.14	0.0652
10	1	25		23.39	23.57	23.58		
10	1	49		23.33	23.42	23.22		
10	25	0		22.31	22.43	22.33		
10	25	12		22.27	22.29	22.43		
10	25	25		22.27	22.35	22.23		
10	50	0		22.47	22.37	22.28		
10	1	0	64-QAM	22.49	22.45	22.66	17.01	0.0502
10	1	25		22.33	22.28	22.59		
10	1	49		22.23	22.36	22.14		
10	25	0		21.18	21.21	21.33		
10	25	12		21.25	21.24	21.34		
10	25	25		21.05	21.28	21.21		
10	50	0		21.13	21.20	21.23		
10	1	0	256-QAM	19.56	19.60	19.51	13.95	0.0248
10	1	25		19.29	19.43	19.35		
10	1	49		19.15	19.18	19.25		
10	25	0		18.79	18.78	18.81		
10	25	12		18.57	18.56	18.54		
10	25	25		18.57	18.51	18.65		
10	50	0		18.45	18.67	18.53		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.39	24.45	24.38	18.80	0.0759
5	1	12		24.38	24.25	24.37		
5	1	24		24.18	24.34	24.33		
5	12	0		23.29	23.42	23.52		
5	12	7		23.45	23.47	23.32		
5	12	13		23.37	23.37	23.42		
5	25	0		23.33	23.41	23.50		
5	1	0	16-QAM	23.29	23.50	23.63	18.04	0.0637
5	1	12		23.64	23.69	23.50		
5	1	24		23.37	23.42	23.35		
5	12	0		22.43	22.38	22.31		
5	12	7		22.17	22.38	22.28		
5	12	13		22.25	22.43	22.34		
5	25	0		22.41	22.23	22.42		
5	1	0	64-QAM	22.38	22.41	22.56	16.91	0.0491
5	1	12		22.39	22.44	22.55		
5	1	24		22.19	22.21	22.18		
5	12	0		21.44	21.17	21.30		
5	12	7		21.19	21.34	21.21		
5	12	13		21.34	21.26	21.27		
5	25	0		21.19	21.09	21.24		
5	1	0	256-QAM	19.50	19.46	19.53	13.88	0.0244
5	1	12		19.48	19.37	19.30		
5	1	24		19.26	19.36	19.20		
5	12	0		18.77	18.75	18.76		
5	12	7		18.58	18.59	18.57		
5	12	13		18.47	18.52	18.65		
5	25	0		18.52	18.74	18.62		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.42	24.53	24.37	18.88	0.0773
3	1	8		24.32	24.40	24.35		
3	1	14		24.24	24.28	24.37		
3	8	0		23.31	23.48	23.54		
3	8	4		23.30	23.38	23.31		
3	8	7		23.26	23.33	23.26		
3	15	0		23.30	23.41	23.45		
3	1	0	16-QAM	23.31	23.65	23.78	18.13	0.0650
3	1	8		23.51	23.51	23.65		
3	1	14		23.36	23.53	23.21		
3	8	0		22.23	22.43	22.37		
3	8	4		22.22	22.30	22.40		
3	8	7		22.10	22.27	22.39		
3	15	0		22.36	22.37	22.31		
3	1	0	64-QAM	22.32	22.32	22.67	17.02	0.0504
3	1	8		22.41	22.29	22.57		
3	1	14		22.03	22.52	22.32		
3	8	0		21.14	21.26	21.40		
3	8	4		21.34	21.10	21.34		
3	8	7		21.10	21.37	21.21		
3	15	0		21.35	21.19	21.26		
3	1	0	256-QAM	19.51	19.59	19.54	13.94	0.0248
3	1	8		19.36	19.44	19.35		
3	1	14		19.23	19.34	19.20		
3	8	0		18.69	18.81	18.75		
3	8	4		18.58	18.57	18.48		
3	8	7		18.73	18.60	18.57		
3	15	0		18.60	18.60	18.60		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.29	23.31	23.25	17.82	0.0605
1.4	1	3		23.32	23.15	23.09		
1.4	1	5		23.39	23.26	23.28		
1.4	3	0		23.47	23.33	23.29		
1.4	3	1		23.30	23.37	23.33		
1.4	3	3		23.36	23.33	23.32		
1.4	6	0		22.44	22.40	22.29		
1.4	1	0	16-QAM	22.47	22.51	22.44	17.03	0.0505
1.4	1	3		22.52	22.39	22.34		
1.4	1	5		22.68	22.52	22.44		
1.4	3	0		22.43	22.49	22.38		
1.4	3	1		22.42	22.37	22.36		
1.4	3	3		22.50	22.45	22.33		
1.4	6	0		21.42	21.35	21.32		
1.4	1	0	64-QAM	21.39	21.46	21.33	15.91	0.0390
1.4	1	3		21.41	21.39	21.34		
1.4	1	5		21.47	21.42	21.41		
1.4	3	0		21.40	21.43	21.40		
1.4	3	1		21.53	21.35	21.44		
1.4	3	3		21.56	21.46	21.32		
1.4	6	0		20.27	20.20	20.29		
1.4	1	0	256-QAM	18.41	18.52	18.42	12.99	0.0199
1.4	1	3		18.43	18.34	18.31		
1.4	1	5		18.52	18.64	18.58		
1.4	3	0		18.45	18.61	18.55		
1.4	3	1		18.54	18.44	18.48		
1.4	3	3		18.47	18.58	18.50		
1.4	6	0		17.48	17.54	17.51		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.06	26.09	25.98	24.29	0.2685
20	1	49		25.96	25.95	25.85		
20	1	99		26.05	26.06	25.96		
20	50	0		24.14	24.17	24.08		
20	50	24		24.13	24.14	24.06		
20	50	50		24.13	24.15	24.05		
20	100	0		24.14	24.15	24.03		
20	1	0	16-QAM	24.45	24.56	24.45	22.76	0.1888
20	1	49		24.32	24.28	24.13		
20	1	99		24.44	24.39	24.36		
20	50	0		23.16	23.13	23.04		
20	50	24		23.17	23.10	23.05		
20	50	50		23.16	23.11	23.08		
20	100	0		23.16	23.12	23.05		
20	1	0	64-QAM	23.34	23.33	23.12	21.54	0.1426
20	1	49		22.93	22.87	23.05		
20	1	99		23.04	22.98	23.18		
20	50	0		22.17	22.12	22.04		
20	50	24		22.18	22.12	22.04		
20	50	50		22.17	22.19	22.02		
20	100	0		22.15	22.16	22.02		
20	1	0	256-QAM	20.15	20.16	20.14	18.36	0.0685
20	1	49		19.99	19.94	19.97		
20	1	99		19.96	19.96	19.98		
20	50	0		19.40	19.46	19.47		
20	50	24		19.41	19.43	19.29		
20	50	50		19.31	19.33	19.31		
20	100	0		19.21	19.32	19.34		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.98	25.99	25.91	24.20	0.2630
15	1	37		25.90	25.92	25.77		
15	1	74		26.00	25.97	25.87		
15	36	0		24.10	24.09	24.01		
15	36	20		24.13	24.13	24.02		
15	36	39		24.07	24.05	24.00		
15	75	0		24.12	24.14	24.03		
15	1	0	16-QAM	24.42	24.56	24.39	22.76	0.1888
15	1	37		24.23	24.20	24.11		
15	1	74		24.34	24.38	24.32		
15	36	0		23.10	23.12	22.96		
15	36	20		23.09	23.10	23.00		
15	36	39		23.08	23.02	23.06		
15	75	0		23.06	23.02	23.00		
15	1	0	64-QAM	23.25	23.25	23.02	21.45	0.1396
15	1	37		22.93	22.79	23.04		
15	1	74		23.04	22.89	23.09		
15	36	0		22.07	22.11	21.98		
15	36	20		22.08	22.10	21.95		
15	36	39		22.15	22.11	22.00		
15	75	0		22.14	22.13	21.92		
15	1	0	256-QAM	20.14	20.13	20.07	18.34	0.0682
15	1	37		19.96	19.91	19.93		
15	1	74		19.96	19.94	19.92		
15	36	0		19.35	19.46	19.43		
15	36	20		19.31	19.36	19.26		
15	36	39		19.26	19.31	19.23		
15	75	0		19.18	19.25	19.29		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.99	26.06	25.88	24.26	0.2667
10	1	25		25.90	25.85	25.78		
10	1	49		26.02	26.02	25.88		
10	25	0		24.05	24.15	24.08		
10	25	12		24.07	24.07	24.00		
10	25	25		24.06	24.11	23.98		
10	50	0		24.05	24.08	24.02		
10	1	0	16-QAM	24.41	24.46	24.41	22.66	0.1845
10	1	25		24.24	24.26	24.12		
10	1	49		24.38	24.35	24.35		
10	25	0		23.14	23.11	23.01		
10	25	12		23.10	23.04	23.05		
10	25	25		23.14	23.11	23.08		
10	50	0		23.06	23.09	23.05		
10	1	0	64-QAM	23.29	23.23	23.04	21.49	0.1409
10	1	25		22.90	22.86	22.97		
10	1	49		22.94	22.90	23.17		
10	25	0		22.16	22.10	22.04		
10	25	12		22.10	22.12	22.03		
10	25	25		22.16	22.11	21.99		
10	50	0		22.06	22.16	21.97		
10	1	0	256-QAM	20.10	20.09	20.07	18.30	0.0676
10	1	25		19.90	19.92	19.87		
10	1	49		19.92	19.88	19.95		
10	25	0		19.32	19.46	19.38		
10	25	12		19.37	19.43	19.21		
10	25	25		19.31	19.32	19.30		
10	50	0		19.19	19.31	19.24		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.97	26.05	25.95	24.25	0.2661
5	1	12		25.95	25.93	25.78		
5	1	24		25.98	26.02	25.86		
5	12	0		24.06	24.14	24.01		
5	12	7		24.13	24.11	24.00		
5	12	13		24.13	24.11	24.00		
5	25	0		24.14	24.06	23.93		
5	1	0	16-QAM	24.41	24.50	24.35	22.70	0.1862
5	1	12		24.32	24.25	24.07		
5	1	24		24.42	24.35	24.27		
5	12	0		23.13	23.05	22.96		
5	12	7		23.13	23.03	23.03		
5	12	13		23.09	23.09	22.98		
5	25	0		23.08	23.07	22.96		
5	1	0	64-QAM	23.27	23.24	23.09	21.47	0.1403
5	1	12		22.88	22.84	23.03		
5	1	24		22.98	22.93	23.14		
5	12	0		22.13	22.05	21.96		
5	12	7		22.16	22.06	21.94		
5	12	13		22.16	22.19	21.93		
5	25	0		22.06	22.08	21.95		
5	1	0	256-QAM	20.14	20.12	20.06	18.34	0.0682
5	1	12		19.95	19.84	19.87		
5	1	24		19.88	19.86	19.90		
5	12	0		19.35	19.45	19.38		
5	12	7		19.37	19.37	19.21		
5	12	13		19.27	19.31	19.25		
5	25	0		19.14	19.30	19.29		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.29	24.59	24.58	22.69	0.1858
20	1	49		24.03	24.37	24.36		
20	1	99		24.05	24.39	24.36		
20	50	0		22.15	22.48	22.38		
20	50	24		22.17	22.54	22.40		
20	50	50		22.26	22.61	22.43		
20	100	0		22.26	22.60	22.49		
20	1	0	16-QAM	22.19	22.51	22.55	20.71	0.1178
20	1	49		22.06	22.43	22.46		
20	1	99		22.19	22.61	22.55		
20	50	0		21.24	21.64	21.48		
20	50	24		21.24	21.63	21.48		
20	50	50		21.32	21.65	21.48		
20	100	0		21.33	21.66	21.49		
20	1	0	64-QAM	21.16	21.29	21.27	19.40	0.0871
20	1	49		21.00	21.20	21.17		
20	1	99		21.08	21.30	21.23		
20	50	0		20.28	20.65	20.49		
20	50	24		20.29	20.69	20.54		
20	50	50		20.31	20.72	20.53		
20	100	0		20.30	20.71	20.55		
20	1	0	256-QAM	18.63	18.65	18.53	16.81	0.0480
20	1	49		18.61	18.71	18.56		
20	1	99		18.31	18.62	18.35		
20	50	0		17.67	17.69	17.52		
20	50	24		17.61	17.62	17.45		
20	50	50		17.66	17.69	17.52		
20	100	0		17.62	17.66	17.47		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.23	24.57	24.51	22.67	0.1849
15	1	37		23.95	24.31	24.33		
15	1	74		23.99	24.37	24.32		
15	36	0		22.15	22.42	22.37		
15	36	20		22.10	22.50	22.40		
15	36	39		22.18	22.54	22.37		
15	75	0		22.17	22.55	22.41		
15	1	0	16-QAM	22.19	22.47	22.48	20.71	0.1178
15	1	37		22.03	22.42	22.43		
15	1	74		22.18	22.61	22.47		
15	36	0		21.23	21.54	21.44		
15	36	20		21.19	21.61	21.41		
15	36	39		21.23	21.55	21.47		
15	75	0		21.24	21.56	21.48		
15	1	0	64-QAM	21.07	21.22	21.23	19.37	0.0865
15	1	37		20.92	21.10	21.10		
15	1	74		21.05	21.27	21.23		
15	36	0		20.27	20.59	20.45		
15	36	20		20.20	20.64	20.44		
15	36	39		20.27	20.66	20.48		
15	75	0		20.25	20.61	20.54		
15	1	0	256-QAM	18.55	18.64	18.47	16.76	0.0474
15	1	37		18.57	18.66	18.56		
15	1	74		18.29	18.54	18.33		
15	36	0		17.66	17.61	17.42		
15	36	20		17.55	17.62	17.42		
15	36	39		17.58	17.63	17.47		
15	75	0		17.52	17.57	17.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.27	24.58	24.52	22.68	0.1854
10	1	25		23.94	24.35	24.31		
10	1	49		24.05	24.35	24.33		
10	25	0		22.05	22.38	22.33		
10	25	12		22.11	22.47	22.39		
10	25	25		22.21	22.53	22.35		
10	50	0		22.26	22.59	22.40		
10	1	0	16-QAM	22.18	22.45	22.54	20.67	0.1167
10	1	25		21.98	22.37	22.45		
10	1	49		22.13	22.57	22.46		
10	25	0		21.17	21.59	21.44		
10	25	12		21.18	21.63	21.48		
10	25	25		21.27	21.63	21.42		
10	50	0		21.30	21.66	21.45		
10	1	0	64-QAM	21.10	21.29	21.17	19.39	0.0869
10	1	25		20.94	21.17	21.09		
10	1	49		21.03	21.29	21.21		
10	25	0		20.25	20.61	20.48		
10	25	12		20.23	20.62	20.47		
10	25	25		20.28	20.66	20.51		
10	50	0		20.30	20.63	20.45		
10	1	0	256-QAM	18.57	18.63	18.49	16.75	0.0473
10	1	25		18.53	18.65	18.54		
10	1	49		18.31	18.57	18.27		
10	25	0		17.65	17.66	17.51		
10	25	12		17.53	17.52	17.35		
10	25	25		17.61	17.62	17.51		
10	50	0		17.52	17.57	17.41		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.20	24.57	24.57	22.67	0.1849
5	1	12		23.95	24.28	24.27		
5	1	24		24.00	24.37	24.30		
5	12	0		22.08	22.41	22.33		
5	12	7		22.12	22.52	22.30		
5	12	13		22.24	22.60	22.37		
5	25	0		22.23	22.59	22.40		
5	1	0	16-QAM	22.09	22.45	22.51	20.71	0.1178
5	1	12		22.02	22.42	22.39		
5	1	24		22.19	22.61	22.48		
5	12	0		21.15	21.56	21.38		
5	12	7		21.19	21.59	21.43		
5	12	13		21.25	21.64	21.46		
5	25	0		21.32	21.59	21.43		
5	1	0	64-QAM	21.13	21.27	21.18	19.37	0.0865
5	1	12		20.97	21.20	21.09		
5	1	24		21.07	21.24	21.22		
5	12	0		20.19	20.61	20.42		
5	12	7		20.26	20.64	20.44		
5	12	13		20.21	20.68	20.45		
5	25	0		20.30	20.66	20.49		
5	1	0	256-QAM	18.59	18.59	18.45	16.72	0.0470
5	1	12		18.52	18.62	18.50		
5	1	24		18.30	18.53	18.29		
5	12	0		17.57	17.64	17.46		
5	12	7		17.51	17.55	17.40		
5	12	13		17.58	17.61	17.42		
5	25	0		17.55	17.56	17.37		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.84	26.13	26.08	24.23	0.2649
20	1	49		25.67	25.93	25.92		
20	1	99		25.81	26.03	25.99		
20	50	0		23.90	24.19	24.15		
20	50	24		23.88	24.17	24.12		
20	50	50		23.89	24.18	24.13		
20	100	0		23.85	24.13	24.09		
20	1	0	16-QAM	24.26	24.41	24.45	22.55	0.1799
20	1	49		23.96	24.19	24.14		
20	1	99		24.12	24.28	24.23		
20	50	0		22.84	23.10	23.09		
20	50	24		22.84	23.14	23.10		
20	50	50		22.85	23.12	23.09		
20	100	0		22.84	23.20	23.07		
20	1	0	64-QAM	23.01	23.25	23.05	21.35	0.1365
20	1	49		23.04	23.22	22.94		
20	1	99		23.18	23.17	23.05		
20	50	0		21.89	22.18	22.14		
20	50	24		21.91	22.18	22.18		
20	50	50		21.96	22.17	22.20		
20	100	0		21.98	22.16	22.20		
20	1	0	256-QAM	20.34	20.43	20.33	18.53	0.0713
20	1	49		20.10	20.05	20.04		
20	1	99		20.24	20.29	20.19		
20	50	0		19.69	19.78	19.64		
20	50	24		19.63	19.66	19.59		
20	50	50		19.67	19.63	19.59		
20	100	0		19.49	19.63	19.51		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.79	26.06	26.08	24.18	0.2618
15	1	37		25.57	25.93	25.87		
15	1	74		25.81	25.97	25.97		
15	36	0		23.80	24.13	24.14		
15	36	20		23.80	24.14	24.06		
15	36	39		23.89	24.18	24.05		
15	75	0		23.79	24.04	24.04		
15	1	0	16-QAM	24.20	24.37	24.41	22.51	0.1782
15	1	37		23.94	24.15	24.07		
15	1	74		24.12	24.25	24.16		
15	36	0		22.82	23.08	23.01		
15	36	20		22.76	23.11	23.10		
15	36	39		22.83	23.03	23.05		
15	75	0		22.76	23.19	23.07		
15	1	0	64-QAM	22.97	23.20	22.99	21.30	0.1349
15	1	37		22.96	23.18	22.88		
15	1	74		23.16	23.17	23.05		
15	36	0		21.79	22.13	22.07		
15	36	20		21.90	22.14	22.09		
15	36	39		21.87	22.07	22.14		
15	75	0		21.97	22.12	22.17		
15	1	0	256-QAM	20.28	20.37	20.26	18.47	0.0703
15	1	37		20.06	20.03	20.04		
15	1	74		20.19	20.27	20.15		
15	36	0		19.67	19.74	19.62		
15	36	20		19.54	19.60	19.51		
15	36	39		19.64	19.63	19.56		
15	75	0		19.47	19.61	19.45		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.74	26.04	26.04	24.14	0.2594
10	1	25		25.60	25.87	25.84		
10	1	49		25.78	26.02	25.99		
10	25	0		23.87	24.18	24.15		
10	25	12		23.83	24.13	24.02		
10	25	25		23.88	24.15	24.03		
10	50	0		23.76	24.08	24.06		
10	1	0	16-QAM	24.16	24.40	24.37	22.50	0.1778
10	1	25		23.94	24.15	24.08		
10	1	49		24.10	24.26	24.14		
10	25	0		22.77	23.04	23.07		
10	25	12		22.80	23.05	23.05		
10	25	25		22.81	23.03	23.02		
10	50	0		22.78	23.15	22.98		
10	1	0	64-QAM	22.91	23.25	23.03	21.35	0.1365
10	1	25		22.98	23.18	22.91		
10	1	49		23.11	23.15	23.04		
10	25	0		21.86	22.17	22.06		
10	25	12		21.89	22.17	22.18		
10	25	25		21.93	22.13	22.14		
10	50	0		21.91	22.11	22.20		
10	1	0	256-QAM	20.28	20.35	20.29	18.45	0.0700
10	1	25		20.09	19.96	19.97		
10	1	49		20.15	20.23	20.15		
10	25	0		19.62	19.68	19.63		
10	25	12		19.56	19.64	19.49		
10	25	25		19.62	19.55	19.49		
10	50	0		19.46	19.62	19.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.83	26.07	26.06	24.17	0.2612
5	1	12		25.62	25.90	25.83		
5	1	24		25.81	26.03	25.92		
5	12	0		23.83	24.14	24.10		
5	12	7		23.81	24.07	24.09		
5	12	13		23.87	24.08	24.10		
5	25	0		23.80	24.09	24.00		
5	1	0	16-QAM	24.20	24.34	24.43	22.53	0.1791
5	1	12		23.91	24.16	24.07		
5	1	24		24.06	24.21	24.20		
5	12	0		22.82	23.06	23.06		
5	12	7		22.84	23.13	23.07		
5	12	13		22.80	23.10	23.06		
5	25	0		22.82	23.18	23.00		
5	1	0	64-QAM	22.95	23.20	23.02	21.30	0.1349
5	1	12		22.95	23.12	22.87		
5	1	24		23.16	23.10	22.97		
5	12	0		21.87	22.18	22.14		
5	12	7		21.89	22.09	22.11		
5	12	13		21.91	22.13	22.15		
5	25	0		21.93	22.09	22.20		
5	1	0	256-QAM	20.25	20.41	20.27	18.51	0.0710
5	1	12		20.01	20.00	20.01		
5	1	24		20.17	20.28	20.19		
5	12	0		19.65	19.70	19.63		
5	12	7		19.57	19.61	19.57		
5	12	13		19.60	19.54	19.54		
5	25	0		19.49	19.58	19.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.31	24.63	24.60	24.83	0.3041
20	1	49		24.20	24.55	24.59		
20	1	99		24.11	24.26	24.29		
20	50	0		23.31	23.50	23.49		
20	50	24		23.30	23.39	23.46		
20	50	50		23.25	23.34	23.39		
20	100	0		23.29	23.46	23.45		
20	1	0	16-QAM	23.69	23.74	23.77	23.97	0.2495
20	1	49		23.64	23.76	23.63		
20	1	99		23.43	23.48	23.47		
20	50	0		21.47	21.47	21.51		
20	50	24		21.42	21.42	21.48		
20	50	50		21.48	21.45	21.41		
20	100	0		21.40	21.48	21.45		
20	1	0	64-QAM	22.45	22.69	22.81	23.01	0.2000
20	1	49		22.42	22.79	22.72		
20	1	99		22.33	22.54	22.61		
20	50	0		21.43	21.50	21.54		
20	50	24		21.40	21.43	21.48		
20	50	50		21.36	21.37	21.42		
20	100	0		21.35	21.41	21.45		
20	1	0	256-QAM	19.38	19.41	19.33	19.61	0.0914
20	1	49		19.29	19.33	19.25		
20	1	99		19.16	19.22	19.12		
20	50	0		18.48	18.43	18.48		
20	50	24		18.49	18.46	18.44		
20	50	50		18.45	18.48	18.43		
20	100	0		18.42	18.49	18.46		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.24	24.54	24.55	24.80	0.3020
15	1	37		24.16	24.48	24.60		
15	1	74		24.03	24.36	24.33		
15	36	0		23.41	23.40	23.52		
15	36	20		23.31	23.43	23.54		
15	36	39		23.29	23.44	23.30		
15	75	0		23.33	23.45	23.49		
15	1	0	16-QAM	23.64	23.73	23.76	24.01	0.2518
15	1	37		23.63	23.81	23.60		
15	1	74		23.36	23.46	23.54		
15	36	0		21.45	21.42	21.58		
15	36	20		21.48	21.50	21.57		
15	36	39		21.51	21.45	21.43		
15	75	0		21.49	21.51	21.46		
15	1	0	64-QAM	22.48	22.73	22.89	23.09	0.2037
15	1	37		22.35	22.71	22.70		
15	1	74		22.35	22.45	22.55		
15	36	0		21.44	21.40	21.52		
15	36	20		21.38	21.38	21.55		
15	36	39		21.37	21.40	21.37		
15	75	0		21.29	21.34	21.42		
15	1	0	256-QAM	19.32	19.31	19.26	19.52	0.0895
15	1	37		19.21	19.24	19.19		
15	1	74		19.13	19.17	19.05		
15	36	0		18.44	18.44	18.48		
15	36	20		18.47	18.49	18.43		
15	36	39		18.44	18.49	18.44		
15	75	0		18.42	18.44	18.48		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.22	24.60	24.60	24.80	0.3020
10	1	25		24.13	24.46	24.50		
10	1	49		24.11	24.26	24.34		
10	25	0		23.41	23.59	23.47		
10	25	12		23.34	23.45	23.45		
10	25	25		23.20	23.34	23.30		
10	50	0		23.32	23.36	23.42		
10	1	0	16-QAM	23.63	23.71	23.79	23.99	0.2506
10	1	25		23.64	23.76	23.60		
10	1	49		23.47	23.49	23.44		
10	25	0		21.46	21.40	21.45		
10	25	12		21.52	21.41	21.58		
10	25	25		21.53	21.43	21.45		
10	50	0		21.44	21.42	21.40		
10	1	0	64-QAM	22.51	22.77	22.76	23.07	0.2028
10	1	25		22.44	22.87	22.82		
10	1	49		22.24	22.53	22.69		
10	25	0		21.35	21.60	21.58		
10	25	12		21.46	21.52	21.55		
10	25	25		21.31	21.39	21.32		
10	50	0		21.42	21.35	21.47		
10	1	0	256-QAM	19.30	19.41	19.24	19.61	0.0914
10	1	25		19.20	19.24	19.25		
10	1	49		19.12	19.12	19.03		
10	25	0		18.45	18.42	18.47		
10	25	12		18.40	18.45	18.42		
10	25	25		18.41	18.46	18.42		
10	50	0		18.42	18.44	18.43		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.28	24.58	24.59	24.82	0.3034
5	1	12		24.19	24.58	24.62		
5	1	24		24.05	24.25	24.29		
5	12	0		23.27	23.50	23.43		
5	12	7		23.36	23.38	23.41		
5	12	13		23.30	23.34	23.36		
5	25	0		23.19	23.37	23.44		
5	1	0	16-QAM	23.72	23.73	23.78	24.06	0.2547
5	1	12		23.68	23.86	23.73		
5	1	24		23.40	23.41	23.53		
5	12	0		21.42	21.52	21.48		
5	12	7		21.51	21.50	21.45		
5	12	13		21.40	21.47	21.45		
5	25	0		21.49	21.41	21.47		
5	1	0	64-QAM	22.51	22.72	22.87	23.07	0.2028
5	1	12		22.39	22.85	22.82		
5	1	24		22.26	22.45	22.67		
5	12	0		21.53	21.54	21.49		
5	12	7		21.49	21.51	21.40		
5	12	13		21.28	21.30	21.48		
5	25	0		21.30	21.40	21.37		
5	1	0	256-QAM	19.32	19.41	19.33	19.61	0.0914
5	1	12		19.24	19.32	19.21		
5	1	24		19.10	19.17	19.08		
5	12	0		18.42	18.42	18.46		
5	12	7		18.44	18.47	18.46		
5	12	13		18.45	18.47	18.48		
5	25	0		18.44	18.44	18.45		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.24	24.54	24.56	24.76	0.2992
3	1	8		24.16	24.46	24.53		
3	1	14		24.04	24.27	24.30		
3	8	0		23.29	23.55	23.56		
3	8	4		23.25	23.36	23.55		
3	8	7		23.26	23.41	23.47		
3	15	0		23.37	23.55	23.41		
3	1	0	16-QAM	23.68	23.70	23.84	24.04	0.2535
3	1	8		23.67	23.78	23.59		
3	1	14		23.35	23.55	23.57		
3	8	0		21.44	21.46	21.41		
3	8	4		21.44	21.42	21.45		
3	8	7		21.58	21.44	21.41		
3	15	0		21.43	21.53	21.44		
3	1	0	64-QAM	22.45	22.77	22.74	23.00	0.1995
3	1	8		22.35	22.73	22.80		
3	1	14		22.30	22.64	22.58		
3	8	0		21.48	21.59	21.59		
3	8	4		21.30	21.47	21.42		
3	8	7		21.30	21.32	21.48		
3	15	0		21.45	21.42	21.40		
3	1	0	256-QAM	19.30	19.32	19.25	19.52	0.0895
3	1	8		19.19	19.29	19.15		
3	1	14		19.15	19.15	19.04		
3	8	0		18.40	18.44	18.48		
3	8	4		18.47	18.47	18.41		
3	8	7		18.47	18.41	18.45		
3	15	0		18.47	18.41	18.49		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.27	24.62	24.60	24.82	0.3034
1.4	1	3		24.40	24.58	24.52		
1.4	1	5		24.33	24.61	24.57		
1.4	3	0		24.33	24.53	24.54		
1.4	3	1		24.24	24.62	24.59		
1.4	3	3		24.21	24.62	24.60		
1.4	6	0		23.36	23.59	23.62		
1.4	1	0	16-QAM	23.21	23.58	23.67	23.87	0.2438
1.4	1	3		23.23	23.62	23.52		
1.4	1	5		23.21	23.53	23.65		
1.4	3	0		23.25	23.64	23.51		
1.4	3	1		23.24	23.63	23.57		
1.4	3	3		23.27	23.53	23.56		
1.4	6	0		22.27	22.72	22.68		
1.4	1	0	64-QAM	22.23	22.55	22.66	22.93	0.1963
1.4	1	3		22.26	22.73	22.54		
1.4	1	5		22.28	22.58	22.55		
1.4	3	0		22.32	22.66	22.68		
1.4	3	1		22.25	22.73	22.55		
1.4	3	3		22.32	22.57	22.52		
1.4	6	0		21.26	21.65	21.66		
1.4	1	0	256-QAM	19.32	19.35	19.33	19.69	0.0931
1.4	1	3		19.27	19.26	19.15		
1.4	1	5		19.14	19.14	19.02		
1.4	3	0		19.46	19.40	19.44		
1.4	3	1		19.49	19.47	19.44		
1.4	3	3		19.41	19.46	19.48		
1.4	6	0		18.42	18.49	18.40		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.78	24.79	24.71	17.54	0.0568
20	1	49		24.70	24.62	24.64		
20	1	99		24.60	24.51	24.55		
20	50	0		23.77	23.78	23.69		
20	50	24		23.71	23.67	23.66		
20	50	50		23.66	23.62	23.64		
20	100	0		23.73	23.76	23.65		
20	1	0	16-QAM	24.02	23.96	24.17	16.92	0.0492
20	1	49		24.13	23.97	24.05		
20	1	99		24.06	23.92	23.90		
20	50	0		22.76	22.72	22.75		
20	50	24		22.73	22.70	22.72		
20	50	50		22.71	22.68	22.70		
20	100	0		22.70	22.69	22.71		
20	1	0	64-QAM	22.96	22.73	22.87	15.71	0.0372
20	1	49		22.96	22.79	22.92		
20	1	99		22.88	22.85	22.83		
20	50	0		21.78	21.74	21.83		
20	50	24		21.76	21.75	21.77		
20	50	50		21.74	21.71	21.73		
20	100	0		21.74	21.69	21.70		
20	1	0	256-QAM	19.82	19.89	19.88	12.64	0.0184
20	1	49		19.64	19.66	19.59		
20	1	99		19.35	19.38	19.33		
20	50	0		19.83	19.87	19.87		
20	50	24		19.60	19.62	19.62		
20	50	50		19.46	19.51	19.46		
20	100	0		19.72	19.77	19.68		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.74	24.77	24.77	17.52	0.0565
15	1	37		24.61	24.63	24.60		
15	1	74		24.56	24.44	24.52		
15	36	0		23.87	23.86	23.72		
15	36	20		23.77	23.57	23.67		
15	36	39		23.76	23.53	23.71		
15	75	0		23.65	23.75	23.66		
15	1	0	16-QAM	23.93	24.06	24.26	17.01	0.0502
15	1	37		24.04	24.01	24.12		
15	1	74		23.99	23.85	23.91		
15	36	0		22.70	22.81	22.71		
15	36	20		22.74	22.60	22.76		
15	36	39		22.79	22.77	22.72		
15	75	0		22.75	22.74	22.65		
15	1	0	64-QAM	23.00	22.77	22.82	15.81	0.0381
15	1	37		23.06	22.86	22.87		
15	1	74		22.89	22.86	22.78		
15	36	0		21.78	21.82	21.76		
15	36	20		21.75	21.72	21.68		
15	36	39		21.76	21.72	21.77		
15	75	0		21.75	21.67	21.79		
15	1	0	256-QAM	19.73	19.83	19.80	12.60	0.0182
15	1	37		19.59	19.56	19.58		
15	1	74		19.33	19.31	19.26		
15	36	0		19.81	19.84	19.85		
15	36	20		19.58	19.61	19.59		
15	36	39		19.36	19.45	19.38		
15	75	0		19.63	19.69	19.66		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.74	24.78	24.68	17.53	0.0566
10	1	25		24.75	24.62	24.74		
10	1	49		24.64	24.60	24.50		
10	25	0		23.81	23.77	23.77		
10	25	12		23.75	23.75	23.60		
10	25	25		23.70	23.63	23.65		
10	50	0		23.76	23.86	23.71		
10	1	0	16-QAM	23.94	23.98	24.16	16.91	0.0491
10	1	25		24.09	24.06	24.10		
10	1	49		23.98	23.82	23.81		
10	25	0		22.84	22.79	22.80		
10	25	12		22.71	22.78	22.73		
10	25	25		22.62	22.73	22.73		
10	50	0		22.64	22.72	22.77		
10	1	0	64-QAM	22.97	22.71	22.93	15.72	0.0373
10	1	25		22.97	22.87	22.82		
10	1	49		22.87	22.92	22.77		
10	25	0		21.81	21.83	21.80		
10	25	12		21.74	21.74	21.87		
10	25	25		21.70	21.75	21.71		
10	50	0		21.66	21.60	21.74		
10	1	0	256-QAM	19.82	19.86	19.79	12.62	0.0183
10	1	25		19.59	19.57	19.50		
10	1	49		19.35	19.35	19.26		
10	25	0		19.80	19.87	19.85		
10	25	12		19.57	19.56	19.56		
10	25	25		19.38	19.48	19.45		
10	50	0		19.70	19.77	19.61		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.78	24.71	24.70	17.53	0.0566
5	1	12		24.67	24.65	24.58		
5	1	24		24.64	24.54	24.46		
5	12	0		23.84	23.81	23.62		
5	12	7		23.67	23.74	23.61		
5	12	13		23.58	23.55	23.74		
5	25	0		23.73	23.67	23.75		
5	1	0	16-QAM	24.06	23.93	24.17	16.92	0.0492
5	1	12		24.08	24.02	24.07		
5	1	24		23.99	23.97	23.92		
5	12	0		22.67	22.64	22.65		
5	12	7		22.83	22.61	22.66		
5	12	13		22.72	22.63	22.66		
5	25	0		22.62	22.60	22.74		
5	1	0	64-QAM	22.88	22.82	22.94	15.69	0.0371
5	1	12		22.92	22.88	22.90		
5	1	24		22.78	22.78	22.80		
5	12	0		21.72	21.74	21.85		
5	12	7		21.78	21.74	21.68		
5	12	13		21.81	21.79	21.75		
5	25	0		21.65	21.63	21.61		
5	1	0	256-QAM	19.82	19.89	19.79	12.64	0.0184
5	1	12		19.57	19.62	19.50		
5	1	24		19.32	19.33	19.28		
5	12	0		19.83	19.84	19.82		
5	12	7		19.53	19.59	19.54		
5	12	13		19.40	19.48	19.36		
5	25	0		19.63	19.71	19.67		
Limit	ERP < 3W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.15	22.19	22.23	18.35	0.0684
10+10	1	0	1	49		15.89	16.02	16.04		
10+10	1	49	1	0		24.02	24.05	24.10		
10+10	50	0	50	0	16-QAM	21.13	21.17	21.17	17.72	0.0592
10+10	1	0	1	49		16.38	16.37	16.65		
10+10	1	49	1	0		23.33	23.47	23.37		
10+10	50	0	50	0	64-QAM	21.15	21.16	21.10	15.56	0.0360
10+10	1	0	1	49		16.27	16.22	16.38		
10+10	1	49	1	0		21.31	21.27	21.23		
10+10	50	0	50	0	256-QAM	19.20	19.11	19.13	13.63	0.0231
10+10	1	0	1	49		16.29	16.35	16.42		
10+10	1	49	1	0		19.22	19.28	19.38		
10+5	50	0	25	0	QPSK	22.01	22.01	22.13	18.15	0.0653
10+5	1	0	1	24		14.05	14.05	14.17		
10+5	1	49	1	0		23.90	23.83	23.90		
10+5	50	0	25	0	16-QAM	21.02	21.02	21.14	17.60	0.0575
10+5	1	0	1	24		14.59	15.11	14.50		
10+5	1	49	1	0		23.18	23.28	23.35		
10+5	50	0	25	0	64-QAM	21.02	21.00	21.11	15.47	0.0352
10+5	1	0	1	24		14.50	14.28	14.70		
10+5	1	49	1	0		21.15	21.07	21.22		
10+5	50	0	25	0	256-QAM	19.10	19.01	19.05	13.45	0.0221
10+5	1	0	1	24		14.38	14.41	14.50		
10+5	1	49	1	0		19.20	19.12	19.18		
5+10	25	0	50	0	QPSK	21.97	21.98	22.04	18.11	0.0647
5+10	1	0	1	49		13.95	14.02	14.05		
5+10	1	24	1	0		23.76	23.80	23.86		
5+10	25	0	50	0	16-QAM	21.03	21.01	21.06	17.53	0.0566
5+10	1	0	1	49		14.41	14.37	14.58		
5+10	1	24	1	0		23.28	23.25	23.22		
5+10	25	0	50	0	64-QAM	21.02	20.98	21.02	15.41	0.0348
5+10	1	0	1	49		14.28	14.24	14.43		
5+10	1	24	1	0		21.07	21.15	21.16		
5+10	25	0	50	0	256-QAM	19.05	18.98	18.93	13.54	0.0226
5+10	1	0	1	49		14.41	14.30	14.44		
5+10	1	24	1	0		19.20	19.29	19.18		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.91	23.26	23.72	18.16	0.0655
5+3	1	0	1	14		16.93	22.97	23.22		
5+3	1	24	1	0		23.73	23.84	23.10		
5+3	25	0	15	0	16-QAM	23.94	23.15	23.64	18.46	0.0701
5+3	1	0	1	14		16.63	23.55	22.78		
5+3	1	24	1	0		24.21	23.59	23.63		
5+3	25	0	15	0	64-QAM	23.84	23.20	23.56	18.11	0.0647
5+3	1	0	1	14		20.60	23.44	21.27		
5+3	1	24	1	0		23.86	23.53	23.46		
5+3	25	0	15	0	256-QAM	24.21	23.20	23.27	18.46	0.0701
5+3	1	0	1	14		15.69	23.39	22.71		
5+3	1	24	1	0		24.13	23.50	23.62		
3+5	15	0	25	0	QPSK	24.08	24.07	24.23	18.48	0.0705
3+5	1	0	1	24		14.43	14.38	14.42		
3+5	1	14	1	0		23.81	23.81	23.90		
3+5	15	0	25	0	16-QAM	24.05	24.10	24.24	18.55	0.0716
3+5	1	0	1	24		14.89	14.79	14.78		
3+5	1	14	1	0		24.21	24.30	24.23		
3+5	15	0	25	0	64-QAM	24.04	24.07	24.27	18.52	0.0711
3+5	1	0	1	24		14.86	14.75	14.68		
3+5	1	14	1	0		24.10	24.20	24.15		
3+5	15	0	25	0	256-QAM	24.23	24.20	24.29	18.54	0.0714
3+5	1	0	1	24		14.76	14.65	14.71		
3+5	1	14	1	0		24.09	24.26	24.15		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.76	22.06	22.33	24.50	0.2818
10+10	1	0	1	49		15.58	15.62	16.30		
10+10	1	49	1	0		24.02	24.20	24.30		
10+10	50	0	50	0	16-QAM	20.83	21.13	21.43	23.73	0.2360
10+10	1	0	1	49		16.09	15.99	16.76		
10+10	1	49	1	0		23.45	23.41	23.53		
10+10	50	0	50	0	64-QAM	20.95	21.07	21.41	21.79	0.1510
10+10	1	0	1	49		15.94	16.05	16.74		
10+10	1	49	1	0		21.31	21.36	21.59		
10+10	50	0	50	0	256-QAM	18.91	19.02	19.39	19.61	0.0914
10+10	1	0	1	49		15.93	16.04	16.61		
10+10	1	49	1	0		19.28	19.21	19.41		
15+5	75	0	25	0	QPSK	22.10	21.97	22.42	24.27	0.2673
15+5	1	0	1	24		15.83	15.76	16.17		
15+5	1	74	1	0		24.07	23.95	23.69		
15+5	75	0	25	0	16-QAM	21.09	21.06	21.20	23.53	0.2254
15+5	1	0	1	24		16.29	16.03	16.67		
15+5	1	74	1	0		23.21	23.33	23.21		
15+5	75	0	25	0	64-QAM	21.17	20.94	21.22	21.56	0.1432
15+5	1	0	1	24		16.24	16.19	16.75		
15+5	1	74	1	0		21.36	21.33	19.97		
15+5	75	0	25	0	256-QAM	19.14	19.13	19.31	19.62	0.0916
15+5	1	0	1	24		16.04	16.08	16.73		
15+5	1	74	1	0		19.41	19.42	18.92		
5+15	25	0	75	0	QPSK	21.93	21.90	22.39	24.43	0.2773
5+15	1	0	1	74		15.65	15.50	16.27		
5+15	1	24	1	0		24.06	24.04	24.23		
5+15	25	0	75	0	16-QAM	20.93	20.89	21.39	23.72	0.2355
5+15	1	0	1	74		16.07	16.07	16.53		
5+15	1	24	1	0		23.30	23.52	23.49		
5+15	25	0	75	0	64-QAM	21.08	20.95	21.44	21.64	0.1459
5+15	1	0	1	74		15.86	16.17	16.50		
5+15	1	24	1	0		21.20	21.17	21.35		
5+15	25	0	75	0	256-QAM	19.05	19.02	19.43	19.63	0.0918
5+15	1	0	1	74		16.14	16.13	16.79		
5+15	1	24	1	0		19.35	19.11	19.37		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	22.02	22.09	22.35	24.21	0.2636
10+5	1	0	1	24		13.81	13.72	14.37		
10+5	1	49	1	0		23.85	23.91	24.01		
10+5	50	0	25	0	16-QAM	21.05	21.10	21.40	23.60	0.2291
10+5	1	0	1	24		14.25	14.12	15.15		
10+5	1	49	1	0		23.33	23.23	23.40		
10+5	50	0	25	0	64-QAM	21.03	21.11	21.37	21.64	0.1459
10+5	1	0	1	24		14.41	13.96	14.95		
10+5	1	49	1	0		21.27	21.34	21.44		
10+5	50	0	25	0	256-QAM	18.96	18.91	19.47	19.67	0.0927
10+5	1	0	1	24		14.17	14.20	14.66		
10+5	1	49	1	0		19.34	19.23	19.40		
5+10	25	0	50	0	QPSK	22.26	22.10	22.37	24.30	0.2692
5+10	1	0	1	49		13.79	13.76	14.12		
5+10	1	24	1	0		24.10	24.08	23.92		
5+10	25	0	50	0	16-QAM	21.21	21.16	21.19	23.66	0.2323
5+10	1	0	1	49		14.15	14.12	14.38		
5+10	1	24	1	0		23.46	23.41	23.24		
5+10	25	0	50	0	64-QAM	21.18	21.19	21.16	21.70	0.1479
5+10	1	0	1	49		14.02	14.18	14.57		
5+10	1	24	1	0		21.50	21.29	21.23		
5+10	25	0	50	0	256-QAM	19.07	19.09	19.13	19.64	0.0920
5+10	1	0	1	49		14.06	13.88	14.62		
5+10	1	24	1	0		19.44	19.43	19.28		
5+5	25	0	25	0	QPSK	22.15	22.21	22.35	24.34	0.2716
5+5	1	0	1	24		14.17	14.29	14.80		
5+5	1	24	1	0		24.02	24.14	24.05		
5+5	25	0	25	0	16-QAM	21.13	21.28	21.45	23.74	0.2366
5+5	1	0	1	24		14.63	14.59	15.14		
5+5	1	24	1	0		23.50	23.54	23.54		
5+5	25	0	25	0	64-QAM	21.13	21.19	21.41	21.79	0.1510
5+5	1	0	1	24		14.30	14.53	15.17		
5+5	1	24	1	0		21.36	21.52	21.59		
5+5	25	0	25	0	256-QAM	18.98	19.12	19.47	19.74	0.0942
5+5	1	0	1	24		14.41	14.52	15.04		
5+5	1	24	1	0		19.40	19.54	19.40		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.42	21.59	21.88	24.53	0.2838
20+20	1	0	1	99		15.63	16.04	16.13		
20+20	1	99	1	0		23.33	23.22	24.33		
20+20	100	0	100	0	16-QAM	21.16	21.05	21.23	23.77	0.2382
20+20	1	0	1	99		15.92	16.38	16.57		
20+20	1	99	1	0		22.91	23.49	23.57		
20+20	100	0	100	0	64-QAM	20.76	21.07	21.28	21.68	0.1472
20+20	1	0	1	99		15.89	16.32	16.37		
20+20	1	99	1	0		20.65	21.36	21.48		
20+20	100	0	100	0	256-QAM	19.17	19.13	19.30	19.69	0.0931
20+20	1	0	1	99		16.02	16.44	16.34		
20+20	1	99	1	0		19.49	19.46	19.43		
20+15	100	0	75	0	QPSK	22.13	22.01	22.32	24.33	0.2710
20+15	1	0	1	74		15.59	15.78	16.12		
20+15	1	74	1	0		24.13	23.55	23.55		
20+15	100	0	75	0	16-QAM	21.11	20.58	21.29	23.66	0.2323
20+15	1	0	1	74		16.11	16.20	16.88		
20+15	1	74	1	0		23.46	23.33	23.27		
20+15	100	0	75	0	64-QAM	21.09	20.64	21.37	21.67	0.1469
20+15	1	0	1	74		16.21	16.18	16.43		
20+15	1	74	1	0		21.10	21.29	21.47		
20+15	100	0	75	0	256-QAM	19.21	18.92	19.34	19.66	0.0925
20+15	1	0	1	74		16.06	15.98	16.68		
20+15	1	74	1	0		19.46	19.32	19.36		
15+20	75	0	100	0	QPSK	22.10	21.89	21.65	24.33	0.2710
15+20	1	0	1	99		15.48	15.65	15.99		
15+20	1	74	1	0		24.01	23.95	24.13		
15+20	75	0	100	0	16-QAM	20.70	20.83	21.15	23.69	0.2339
15+20	1	0	1	99		16.08	15.73	16.27		
15+20	1	74	1	0		23.26	23.45	23.49		
15+20	75	0	100	0	64-QAM	21.03	20.85	21.15	21.53	0.1422
15+20	1	0	1	99		15.76	16.09	16.11		
15+20	1	74	1	0		20.91	21.33	20.76		
15+20	75	0	100	0	256-QAM	19.00	18.86	19.15	19.73	0.0940
15+20	1	0	1	99		15.84	16.10	16.55		
15+20	1	74	1	0		19.29	19.16	19.53		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.69	21.95	22.27	23.48	0.2228
20+10	1	0	1	49		15.86	15.77	16.36		
20+10	1	99	1	0		23.28	22.49	22.60		
20+10	100	0	50	0	16-QAM	21.10	20.97	21.39	23.77	0.2382
20+10	1	0	1	49		16.28	16.17	16.69		
20+10	1	99	1	0		23.27	23.57	22.84		
20+10	100	0	50	0	64-QAM	21.06	20.93	21.34	21.54	0.1426
20+10	1	0	1	49		15.95	16.06	16.56		
20+10	1	99	1	0		21.28	21.32	20.74		
20+10	100	0	50	0	256-QAM	18.98	18.95	19.33	19.55	0.0902
20+10	1	0	1	49		15.70	16.13	16.40		
20+10	1	99	1	0		19.30	19.18	19.35		
10+20	50	0	100	0	QPSK	21.80	21.05	22.01	24.26	0.2667
10+20	1	0	1	99		15.53	15.31	15.87		
10+20	1	49	1	0		23.04	23.19	24.06		
10+20	50	0	100	0	16-QAM	20.84	20.58	20.65	23.52	0.2249
10+20	1	0	1	99		15.94	15.80	16.27		
10+20	1	49	1	0		23.32	23.20	23.29		
10+20	50	0	100	0	64-QAM	20.94	20.66	20.99	21.44	0.1393
10+20	1	0	1	99		15.94	15.71	16.49		
10+20	1	49	1	0		21.23	21.06	21.24		
10+20	50	0	100	0	256-QAM	19.05	18.68	19.13	19.49	0.0889
10+20	1	0	1	99		15.92	15.77	16.27		
10+20	1	49	1	0		19.15	18.91	19.29		
20+5	100	0	25	0	QPSK	21.63	21.27	22.64	24.42	0.2767
20+5	1	0	1	24		16.02	15.72	16.57		
20+5	1	99	1	0		24.17	24.13	24.22		
20+5	100	0	25	0	16-QAM	21.18	21.09	21.61	23.70	0.2344
20+5	1	0	1	24		16.23	16.36	16.82		
20+5	1	99	1	0		23.44	23.50	23.10		
20+5	100	0	25	0	64-QAM	21.19	21.09	21.55	21.75	0.1496
20+5	1	0	1	24		16.44	16.18	17.04		
20+5	1	99	1	0		21.51	21.12	21.45		
20+5	100	0	25	0	256-QAM	19.19	19.19	19.62	19.82	0.0959
20+5	1	0	1	24		15.96	15.47	16.74		
20+5	1	99	1	0		19.27	19.41	19.46		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.13	21.96	21.89	24.28	0.2679
5+20	1	0	1	99		15.65	15.78	16.53		
5+20	1	24	1	0		22.62	24.08	23.17		
5+20	25	0	100	0	16-QAM	20.29	20.66	20.78	23.73	0.2360
5+20	1	0	1	99		16.09	16.04	16.92		
5+20	1	24	1	0		23.31	23.30	23.53		
5+20	25	0	100	0	64-QAM	20.69	20.66	21.35	21.55	0.1429
5+20	1	0	1	99		15.99	15.94	16.54		
5+20	1	24	1	0		20.99	20.90	21.32		
5+20	25	0	100	0	256-QAM	19.03	18.99	19.41	19.70	0.0933
5+20	1	0	1	99		16.36	16.07	16.85		
5+20	1	24	1	0		19.32	19.35	19.50		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.92	21.86	22.35	24.23	0.2649
15+10	1	0	1	49		15.82	15.64	16.29		
15+10	1	74	1	0		24.01	24.03	23.91		
15+10	75	0	50	0	16-QAM	20.98	20.83	21.42	23.59	0.2286
15+10	1	0	1	49		15.88	16.23	16.91		
15+10	1	74	1	0		23.39	23.26	23.33		
15+10	75	0	50	0	64-QAM	20.99	20.83	21.40	21.60	0.1445
15+10	1	0	1	49		16.11	16.05	16.73		
15+10	1	74	1	0		21.30	21.32	21.38		
15+10	75	0	50	0	256-QAM	19.05	18.93	19.46	19.66	0.0925
15+10	1	0	1	49		16.28	15.94	16.91		
15+10	1	74	1	0		19.38	19.26	19.14		
10+15	50	0	75	0	QPSK	21.90	21.65	22.18	24.22	0.2642
10+15	1	0	1	74		15.90	15.53	16.03		
10+15	1	49	1	0		23.82	23.87	24.02		
10+15	50	0	75	0	16-QAM	21.00	20.82	21.18	23.50	0.2239
10+15	1	0	1	74		15.93	15.75	16.87		
10+15	1	49	1	0		23.16	23.30	23.29		
10+15	50	0	75	0	64-QAM	20.95	20.74	21.21	21.41	0.1384
10+15	1	0	1	74		15.99	15.56	16.29		
10+15	1	49	1	0		21.20	21.11	21.10		
10+15	50	0	75	0	256-QAM	19.09	18.80	19.25	19.50	0.0891
10+15	1	0	1	74		15.67	15.56	16.34		
10+15	1	49	1	0		19.30	19.04	19.20		
15+15	75	0	75	0	QPSK	21.83	21.92	22.29	24.40	0.2754
15+15	1	0	1	74		15.77	15.77	16.30		
15+15	1	74	1	0		23.54	24.04	24.20		
15+15	75	0	75	0	16-QAM	21.07	20.94	21.38	23.81	0.2404
15+15	1	0	1	74		16.04	16.08	16.63		
15+15	1	74	1	0		23.60	23.08	23.61		
15+15	75	0	75	0	64-QAM	21.07	20.65	21.37	21.68	0.1472
15+15	1	0	1	74		15.98	16.01	16.67		
15+15	1	74	1	0		20.75	21.47	21.48		
15+15	75	0	75	0	256-QAM	19.14	18.97	19.37	19.71	0.0935
15+15	1	0	1	74		15.84	15.96	16.50		
15+15	1	74	1	0		19.39	19.39	19.51		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.08	21.69	21.28	21.76	0.1500
20+20	1	0	1	99		15.28	15.49	15.43		
20+20	1	99	1	0		23.86	23.65	23.48		
20+20	100	0	100	0	16-QAM	21.12	20.71	20.86	21.21	0.1321
20+20	1	0	1	99		15.83	15.70	15.69		
20+20	1	99	1	0		23.31	22.93	22.95		
20+20	100	0	100	0	64-QAM	21.07	20.66	20.80	19.25	0.0841
20+20	1	0	1	99		15.54	15.82	11.10		
20+20	1	99	1	0		21.35	21.01	20.87		
20+20	100	0	100	0	256-QAM	19.09	18.73	18.90	17.43	0.0553
20+20	1	0	1	99		15.57	15.77	15.65		
20+20	1	99	1	0		19.53	19.21	19.11		
20+15	100	0	75	0	QPSK	22.00	21.63	21.86	21.81	0.1517
20+15	1	0	1	74		15.32	15.26	15.67		
20+15	1	99	1	0		23.91	23.66	23.42		
20+15	100	0	75	0	16-QAM	21.07	20.75	20.86	21.16	0.1306
20+15	1	0	1	74		15.68	15.44	15.78		
20+15	1	99	1	0		23.26	22.98	23.14		
20+15	100	0	75	0	64-QAM	21.04	20.73	20.87	19.21	0.0834
20+15	1	0	1	74		15.68	15.55	15.73		
20+15	1	99	1	0		21.31	21.19	20.97		
20+15	100	0	75	0	256-QAM	19.04	18.74	18.93	17.21	0.0526
20+15	1	0	1	74		15.69	15.46	15.92		
20+15	1	99	1	0		19.31	19.12	18.89		
15+20	75	0	100	0	QPSK	22.01	21.59	21.80	21.90	0.1549
15+20	1	0	1	99		15.32	15.13	15.40		
15+20	1	74	1	0		24.00	23.63	23.60		
15+20	75	0	100	0	16-QAM	21.11	20.69	20.86	21.05	0.1274
15+20	1	0	1	99		15.74	15.51	15.76		
15+20	1	74	1	0		23.15	23.02	22.83		
15+20	75	0	100	0	64-QAM	21.10	20.68	20.78	19.14	0.0820
15+20	1	0	1	99		15.87	15.58	15.61		
15+20	1	74	1	0		21.24	21.18	21.12		
15+20	75	0	100	0	256-QAM	19.21	18.73	18.90	17.32	0.0540
15+20	1	0	1	99		15.77	15.51	15.62		
15+20	1	74	1	0		19.42	19.21	19.04		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	22.00	21.63	21.89	21.73	0.1489
20+10	1	0	1	74		15.56	15.18	15.56		
20+10	1	99	1	0		23.83	23.65	23.53		
20+10	100	0	75	0	16-QAM	21.13	20.67	20.98	21.20	0.1318
20+10	1	0	1	74		15.81	15.64	16.15		
20+10	1	99	1	0		23.30	23.00	22.98		
20+10	100	0	75	0	64-QAM	21.10	20.71	20.94	19.23	0.0838
20+10	1	0	1	74		15.91	15.62	16.11		
20+10	1	99	1	0		21.33	21.10	20.97		
20+10	100	0	75	0	256-QAM	19.18	18.72	18.93	17.23	0.0528
20+10	1	0	1	74		16.06	15.77	16.03		
20+10	1	99	1	0		19.33	19.33	19.02		
10+20	75	0	100	0	QPSK	21.96	21.66	21.79	21.86	0.1535
10+20	1	0	1	99		15.30	14.98	15.31		
10+20	1	74	1	0		23.96	23.62	23.50		
10+20	75	0	100	0	16-QAM	21.04	20.65	20.82	21.14	0.1300
10+20	1	0	1	99		15.81	15.56	15.66		
10+20	1	74	1	0		23.24	23.02	22.98		
10+20	75	0	100	0	64-QAM	21.09	20.61	20.89	19.36	0.0863
10+20	1	0	1	99		15.81	15.31	15.85		
10+20	1	74	1	0		21.46	21.14	20.81		
10+20	75	0	100	0	256-QAM	19.02	18.73	18.88	17.25	0.0531
10+20	1	0	1	99		15.72	15.66	15.46		
10+20	1	74	1	0		19.35	19.06	19.08		
15+15	75	0	100	0	QPSK	22.05	21.59	21.93	21.80	0.1514
15+15	1	0	1	99		15.51	15.30	15.61		
15+15	1	74	1	0		23.90	23.51	23.50		
15+15	75	0	100	0	16-QAM	21.12	20.51	20.88	21.16	0.1306
15+15	1	0	1	99		15.91	15.47	15.92		
15+15	1	74	1	0		23.26	22.85	22.91		
15+15	75	0	100	0	64-QAM	21.06	20.65	20.91	19.40	0.0871
15+15	1	0	1	99		15.93	15.48	15.71		
15+15	1	74	1	0		21.50	21.06	20.96		
15+15	75	0	100	0	256-QAM	19.21	18.67	18.96	17.26	0.0532
15+15	1	0	1	99		16.00	15.60	15.75		
15+15	1	74	1	0		19.36	19.08	19.04		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -2.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	21.61	21.67	21.25	21.98	0.1578
15+10	1	0	1	99		15.55	15.22	15.41		
15+10	1	74	1	0		24.08	22.36	23.06		
15+10	75	0	100	0	16-QAM	21.16	19.98	21.01	21.28	0.1343
15+10	1	0	1	99		16.09	15.46	16.05		
15+10	1	74	1	0		23.38	23.17	23.11		
15+10	75	0	100	0	64-QAM	20.72	20.75	20.99	19.36	0.0863
15+10	1	0	1	99		15.70	15.41	15.45		
15+10	1	74	1	0		21.46	21.17	21.01		
15+10	75	0	100	0	256-QAM	19.13	18.65	18.88	17.11	0.0514
15+10	1	0	1	99		15.85	15.40	15.91		
15+10	1	74	1	0		19.21	18.98	19.20		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.22	21.33	21.52	21.63	0.1455
20+20	1	0	1	99		15.28	15.41	15.56		
20+20	1	99	1	0		23.36	23.03	23.53		
20+20	100	0	100	0	16-QAM	21.27	20.42	21.42	21.67	0.1469
20+20	1	0	1	99		15.30	15.47	15.63		
20+20	1	99	1	0		23.41	23.06	23.57		
20+20	100	0	100	0	64-QAM	20.32	20.43	20.62	20.92	0.1236
20+20	1	0	1	99		15.60	15.67	15.89		
20+20	1	99	1	0		22.71	22.56	22.82		
20+20	100	0	100	0	256-QAM	20.34	20.41	20.59	19.08	0.0809
20+20	1	0	1	99		15.88	15.44	16.10		
20+20	1	99	1	0		20.84	20.29	20.98		
20+15	100	0	75	0	QPSK	21.61	21.40	21.52	21.58	0.1439
20+15	1	0	1	74		15.43	15.48	15.49		
20+15	1	99	1	0		23.39	23.31	23.48		
20+15	100	0	75	0	16-QAM	21.58	21.42	21.53	21.64	0.1459
20+15	1	0	1	74		15.49	15.48	15.52		
20+15	1	99	1	0		23.41	23.31	23.54		
20+15	100	0	75	0	64-QAM	20.49	20.48	20.58	20.84	0.1213
20+15	1	0	1	74		15.66	15.88	15.81		
20+15	1	99	1	0		22.73	22.71	22.74		
20+15	100	0	75	0	256-QAM	20.31	20.46	20.58	18.92	0.0780
20+15	1	0	1	74		15.77	15.92	15.90		
20+15	1	99	1	0		20.75	20.75	20.82		
15+20	75	0	100	0	QPSK	21.51	21.38	21.59	21.64	0.1459
15+20	1	0	1	99		15.44	15.40	15.52		
15+20	1	74	1	0		23.45	23.33	23.54		
15+20	75	0	100	0	16-QAM	21.50	21.40	21.61	21.68	0.1472
15+20	1	0	1	99		15.44	15.43	15.53		
15+20	1	74	1	0		23.52	23.38	23.58		
15+20	75	0	100	0	64-QAM	20.53	20.44	20.64	20.99	0.1256
15+20	1	0	1	99		15.87	15.88	15.86		
15+20	1	74	1	0		22.89	22.84	22.83		
15+20	75	0	100	0	256-QAM	20.54	20.46	20.64	19.23	0.0838
15+20	1	0	1	99		15.97	15.88	15.68		
15+20	1	74	1	0		21.13	20.86	20.65		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.52	21.38	21.65	21.66	0.1466
20+10	1	0	1	49		15.54	15.45	15.62		
20+10	1	99	1	0		23.45	23.28	23.56		
20+10	100	0	50	0	16-QAM	21.51	21.39	21.65	21.71	0.1483
20+10	1	0	1	49		15.50	15.45	15.63		
20+10	1	99	1	0		23.46	23.28	23.61		
20+10	100	0	50	0	64-QAM	20.58	20.45	20.70	21.07	0.1279
20+10	1	0	1	49		15.97	15.90	16.06		
20+10	1	99	1	0		22.97	22.73	22.87		
20+10	100	0	50	0	256-QAM	20.54	20.41	20.68	19.22	0.0836
20+10	1	0	1	49		16.24	15.72	16.23		
20+10	1	99	1	0		20.65	20.54	21.12		
10+20	50	0	100	0	QPSK	21.28	21.24	21.53	21.59	0.1442
10+20	1	0	1	99		15.31	15.29	15.53		
10+20	1	49	1	0		23.22	23.11	23.49		
10+20	50	0	100	0	16-QAM	21.29	21.24	21.54	21.67	0.1469
10+20	1	0	1	99		15.32	15.31	15.57		
10+20	1	49	1	0		23.23	23.09	23.57		
10+20	50	0	100	0	64-QAM	20.38	20.32	20.60	20.90	0.1230
10+20	1	0	1	99		15.82	15.76	15.88		
10+20	1	49	1	0		22.70	22.55	22.80		
10+20	50	0	100	0	256-QAM	20.42	20.27	20.54	19.16	0.0824
10+20	1	0	1	99		15.60	15.55	16.13		
10+20	1	49	1	0		20.46	20.43	21.06		
20+5	100	0	25	0	QPSK	21.45	21.29	21.18	21.50	0.1413
20+5	1	0	1	24		15.47	15.42	14.83		
20+5	1	99	1	0		23.40	23.20	22.85		
20+5	100	0	25	0	16-QAM	21.51	21.32	21.20	21.56	0.1432
20+5	1	0	1	24		15.47	15.48	14.93		
20+5	1	99	1	0		23.46	23.21	22.93		
20+5	100	0	25	0	64-QAM	20.58	20.40	20.19	20.98	0.1253
20+5	1	0	1	24		16.68	15.86	15.35		
20+5	1	99	1	0		22.88	22.65	22.32		
20+5	100	0	25	0	256-QAM	20.57	20.40	19.78	19.04	0.0802
20+5	1	0	1	24		16.02	15.88	15.10		
20+5	1	99	1	0		20.94	20.40	20.49		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.33	21.32	21.59	21.51	0.1416
5+20	1	0	1	99		15.36	15.19	15.55		
5+20	1	24	1	0		23.28	23.09	23.41		
5+20	25	0	100	0	16-QAM	21.45	21.30	21.58	21.56	0.1432
5+20	1	0	1	99		15.93	15.18	15.56		
5+20	1	24	1	0		23.32	23.16	23.46		
5+20	25	0	100	0	64-QAM	20.40	20.33	20.67	20.90	0.1230
5+20	1	0	1	99		15.66	15.53	15.87		
5+20	1	24	1	0		22.58	22.41	22.80		
5+20	25	0	100	0	256-QAM	20.55	20.38	20.67	19.03	0.0800
5+20	1	0	1	99		15.83	15.75	15.89		
5+20	1	24	1	0		20.92	20.65	20.93		
15+10	75	0	50	0	QPSK	21.35	21.25	21.43	21.42	0.1387
15+10	1	0	1	49		15.37	15.33	15.45		
15+10	1	74	1	0		23.25	23.12	23.32		
15+10	75	0	50	0	16-QAM	21.33	21.27	21.45	21.48	0.1406
15+10	1	0	1	49		15.40	15.35	15.47		
15+10	1	74	1	0		23.27	23.15	23.38		
15+10	75	0	50	0	64-QAM	20.40	20.32	20.50	20.76	0.1191
15+10	1	0	1	49		15.72	15.76	15.79		
15+10	1	74	1	0		22.66	22.66	22.66		
15+10	75	0	50	0	256-QAM	20.47	20.33	20.59	19.07	0.0807
15+10	1	0	1	49		15.77	15.77	16.04		
15+10	1	74	1	0		20.90	20.65	20.97		
10+15	50	0	75	0	QPSK	21.15	21.21	21.40	21.40	0.1380
10+15	1	0	1	74		15.19	15.27	15.38		
10+15	1	49	1	0		23.08	22.87	23.30		
10+15	50	0	75	0	16-QAM	21.16	20.28	21.38	21.45	0.1396
10+15	1	0	1	74		15.24	15.30	15.43		
10+15	1	49	1	0		23.13	22.94	23.35		
10+15	50	0	75	0	64-QAM	20.23	20.29	20.44	20.72	0.1180
10+15	1	0	1	74		15.44	15.61	15.74		
10+15	1	49	1	0		22.46	22.36	22.62		
10+15	50	0	75	0	256-QAM	20.21	20.30	20.44	19.08	0.0809
10+15	1	0	1	74		15.53	15.49	16.00		
10+15	1	49	1	0		20.62	20.49	20.98		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.9 dB)										
15+15	75	0	75	0	QPSK	21.51	21.41	21.60	21.76	0.1500
15+15	1	0	1	74		15.56	15.48	15.60		
15+15	1	74	1	0		23.46	23.41	23.66		
15+15	75	0	75	0	16-QAM	21.46	21.51	21.70	21.84	0.1528
15+15	1	0	1	74		15.48	15.51	15.66		
15+15	1	74	1	0		23.52	23.53	23.74		
15+15	75	0	75	0	64-QAM	20.58	20.49	20.70	21.35	0.1365
15+15	1	0	1	74		15.99	16.00	16.21		
15+15	1	74	1	0		23.05	22.96	23.25		
15+15	75	0	75	0	256-QAM	20.61	20.52	20.72	19.11	0.0815
15+15	1	0	1	74		15.76	15.80	15.96		
15+15	1	74	1	0		20.84	20.77	21.01		
Limit	EIRP < 2W					Result			Pass	



<ASDIV Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	23.91	23.79	22.61	0.1824
20	1	49		23.87	23.78	23.78		
20	1	99		23.65	23.53	23.51		
20	50	0		22.89	22.90	22.75		
20	50	24		22.85	22.73	22.70		
20	50	50		22.79	22.68	22.66		
20	100	0		22.84	22.85	22.70		
20	1	0	16-QAM	23.10	23.21	23.10	21.91	0.1552
20	1	49		23.09	23.10	23.07		
20	1	99		22.89	22.83	22.86		
20	50	0		20.92	20.81	20.86		
20	50	24		20.88	20.85	20.86		
20	50	50		20.80	20.81	20.83		
20	100	0		20.86	20.87	20.84		
20	1	0	64-QAM	22.19	22.15	21.92	20.89	0.1227
20	1	49		22.05	22.00	22.13		
20	1	99		22.00	21.88	21.88		
20	50	0		20.97	20.89	20.83		
20	50	24		20.92	20.83	20.81		
20	50	50		20.83	20.74	20.75		
20	100	0		20.88	20.78	20.77		
20	1	0	256-QAM	18.49	18.55	18.47	17.25	0.0531
20	1	49		18.46	18.48	18.38		
20	1	99		18.21	18.26	18.21		
20	50	0		17.45	17.48	17.39		
20	50	24		17.36	17.43	17.39		
20	50	50		17.33	17.41	17.41		
20	100	0		17.44	17.50	17.41		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.86	23.83	23.67	22.56	0.1803
15	1	37		23.68	23.37	23.22		
15	1	74		23.75	23.63	23.52		
15	36	0		22.92	22.81	22.65		
15	36	20		22.87	22.76	22.63		
15	36	39		22.82	22.71	22.56		
15	75	0		22.89	22.76	22.62		
15	1	0	16-QAM	23.20	23.12	22.90	21.90	0.1549
15	1	37		22.93	22.75	22.71		
15	1	74		23.08	22.88	22.72		
15	36	0		20.92	20.83	20.88		
15	36	20		20.91	20.89	20.88		
15	36	39		20.89	20.87	20.86		
15	75	0		20.91	20.80	20.89		
15	1	0	64-QAM	22.13	22.17	22.00	20.87	0.1222
15	1	37		22.10	22.08	21.99		
15	1	74		22.09	21.89	21.90		
15	36	0		20.97	20.87	20.74		
15	36	20		20.92	20.80	20.72		
15	36	39		20.90	20.73	20.68		
15	75	0		20.91	20.83	20.69		
15	1	0	256-QAM	18.46	18.50	18.44	17.20	0.0525
15	1	37		18.46	18.43	18.34		
15	1	74		18.14	18.19	18.21		
15	36	0		17.41	17.40	17.39		
15	36	20		17.32	17.42	17.33		
15	36	39		17.23	17.41	17.41		
15	75	0		17.43	17.48	17.32		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.84	23.78	23.70	22.54	0.1795
10	1	25		23.66	23.52	23.49		
10	1	49		23.71	23.55	23.52		
10	25	0		22.94	22.82	22.68		
10	25	12		22.92	22.80	22.65		
10	25	25		22.87	22.76	22.64		
10	50	0		22.91	22.80	22.65		
10	1	0	16-QAM	23.19	23.14	22.99	21.89	0.1545
10	1	25		23.08	22.95	22.82		
10	1	49		23.18	23.00	22.91		
10	25	0		20.96	20.85	20.83		
10	25	12		20.99	20.87	20.82		
10	25	25		20.96	20.81	20.82		
10	50	0		20.92	20.89	20.88		
10	1	0	64-QAM	22.16	22.10	22.05	20.86	0.1219
10	1	25		22.10	22.01	21.84		
10	1	49		22.15	21.95	21.93		
10	25	0		20.98	20.84	20.71		
10	25	12		20.95	20.81	20.72		
10	25	25		20.90	20.76	20.67		
10	50	0		20.97	20.81	20.73		
10	1	0	256-QAM	18.40	18.55	18.39	17.25	0.0531
10	1	25		18.39	18.40	18.32		
10	1	49		18.11	18.22	18.20		
10	25	0		17.40	17.44	17.31		
10	25	12		17.28	17.35	17.37		
10	25	25		17.30	17.38	17.33		
10	50	0		17.38	17.45	17.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.81	23.78	23.70	22.54	0.1795
5	1	12		23.75	23.67	23.63		
5	1	24		23.84	23.74	23.66		
5	12	0		22.89	22.78	22.67		
5	12	7		22.89	22.77	22.64		
5	12	13		22.90	22.77	22.64		
5	25	0		22.92	22.79	22.67		
5	1	0	16-QAM	23.17	23.08	22.95	21.87	0.1538
5	1	12		22.94	22.86	22.92		
5	1	24		23.09	22.98	22.86		
5	12	0		20.95	20.84	20.81		
5	12	7		20.94	20.81	20.80		
5	12	13		20.95	20.81	20.80		
5	25	0		20.93	20.88	20.80		
5	1	0	64-QAM	22.01	22.00	21.85	20.75	0.1189
5	1	12		22.05	21.87	21.72		
5	1	24		22.04	21.87	21.72		
5	12	0		20.94	20.79	20.66		
5	12	7		20.87	20.74	20.64		
5	12	13		20.87	20.72	20.65		
5	25	0		20.91	20.76	20.70		
5	1	0	256-QAM	18.43	18.46	18.45	17.16	0.0520
5	1	12		18.45	18.40	18.30		
5	1	24		18.20	18.18	18.21		
5	12	0		17.42	17.45	17.39		
5	12	7		17.33	17.41	17.32		
5	12	13		17.31	17.39	17.33		
5	25	0		17.43	17.50	17.33		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.82	23.74	23.63	22.52	0.1786
3	1	8		23.72	23.64	23.52		
3	1	14		23.75	23.69	23.59		
3	8	0		22.85	22.75	22.65		
3	8	4		22.86	22.72	22.63		
3	8	7		22.86	22.74	22.63		
3	15	0		22.85	22.77	22.65		
3	1	0	16-QAM	23.08	23.00	22.84	21.78	0.1507
3	1	8		22.98	22.90	22.74		
3	1	14		23.05	22.92	22.80		
3	8	0		20.89	20.85	20.82		
3	8	4		20.94	20.86	20.82		
3	8	7		20.90	20.84	20.82		
3	15	0		20.86	20.82	20.81		
3	1	0	64-QAM	22.00	21.83	21.74	20.71	0.1178
3	1	8		21.95	21.76	21.63		
3	1	14		22.01	21.75	21.63		
3	8	0		20.96	20.74	20.58		
3	8	4		20.89	20.75	20.61		
3	8	7		20.89	20.70	20.56		
3	15	0		20.83	20.70	20.58		
3	1	0	256-QAM	18.48	18.45	18.46	17.18	0.0522
3	1	8		18.40	18.45	18.36		
3	1	14		18.18	18.18	18.19		
3	8	0		17.42	17.45	17.29		
3	8	4		17.32	17.35	17.29		
3	8	7		17.24	17.31	17.36		
3	15	0		17.39	17.50	17.35		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.69	23.70	23.56	22.44	0.1754
1.4	1	3		23.53	23.34	23.37		
1.4	1	5		23.74	23.70	23.56		
1.4	3	0		23.72	23.70	23.48		
1.4	3	1		23.69	23.67	23.51		
1.4	3	3		23.72	23.56	23.56		
1.4	6	0		22.75	22.71	22.52		
1.4	1	0	16-QAM	22.98	22.96	22.75	21.71	0.1483
1.4	1	3		22.87	22.77	22.60		
1.4	1	5		23.01	22.95	22.79		
1.4	3	0		22.83	22.80	22.70		
1.4	3	1		22.86	22.73	22.64		
1.4	3	3		22.85	22.75	22.61		
1.4	6	0		20.98	20.82	20.80		
1.4	1	0	64-QAM	21.91	21.69	21.64	20.61	0.1151
1.4	1	3		21.79	21.69	21.52		
1.4	1	5		21.85	21.73	21.65		
1.4	3	0		21.90	21.81	21.73		
1.4	3	1		21.84	21.79	21.66		
1.4	3	3		21.83	21.72	21.59		
1.4	6	0		20.81	20.63	20.53		
1.4	1	0	256-QAM	18.48	18.51	18.38	17.21	0.0526
1.4	1	3		18.43	18.48	18.29		
1.4	1	5		18.17	18.16	18.12		
1.4	3	0		18.35	18.48	18.32		
1.4	3	1		18.34	18.33	18.32		
1.4	3	3		18.30	18.38	18.41		
1.4	6	0		17.41	17.47	17.40		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.87	23.88	23.62	22.58	0.1811
20	1	49		23.76	23.68	23.55		
20	1	99		23.60	23.49	23.24		
20	50	0		22.80	22.82	22.58		
20	50	24		22.74	22.59	22.37		
20	50	50		22.65	22.54	22.28		
20	100	0		22.72	22.73	22.30		
20	1	0	16-QAM	23.06	23.08	22.75	21.78	0.1507
20	1	49		23.04	22.95	22.82		
20	1	99		22.85	22.74	22.37		
20	50	0		21.79	21.66	21.40		
20	50	24		21.74	21.61	21.38		
20	50	50		21.69	21.55	21.32		
20	100	0		21.72	21.60	21.39		
20	1	0	64-QAM	21.97	21.95	21.66	20.70	0.1175
20	1	49		22.00	21.87	21.73		
20	1	99		21.85	21.62	21.39		
20	50	0		20.83	20.71	20.47		
20	50	24		20.80	20.66	20.43		
20	50	50		20.73	20.61	20.39		
20	100	0		20.75	20.63	20.44		
20	1	0	256-QAM	18.50	18.51	18.50	17.41	0.0551
20	1	49		18.62	18.71	18.71		
20	1	99		18.39	18.39	18.30		
20	50	0		18.35	18.45	18.39		
20	50	24		18.31	18.41	18.34		
20	50	50		18.31	18.37	18.34		
20	100	0		18.40	18.42	18.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.83	23.79	23.53	22.53	0.1791
15	1	37		23.70	23.65	23.45		
15	1	74		23.55	23.43	23.21		
15	36	0		22.77	22.52	22.31		
15	36	20		22.65	22.55	22.35		
15	36	39		22.58	22.44	22.22		
15	75	0		22.62	22.56	22.24		
15	1	0	16-QAM	23.04	23.07	22.72	21.77	0.1503
15	1	37		23.04	22.88	22.80		
15	1	74		22.75	22.71	22.34		
15	36	0		21.79	21.57	21.38		
15	36	20		21.70	21.61	21.33		
15	36	39		21.61	21.50	21.28		
15	75	0		21.64	21.51	21.30		
15	1	0	64-QAM	21.88	21.95	21.60	20.65	0.1161
15	1	37		21.93	21.81	21.65		
15	1	74		21.84	21.52	21.30		
15	36	0		20.75	20.65	20.40		
15	36	20		20.79	20.57	20.34		
15	36	39		20.64	20.61	20.35		
15	75	0		20.72	20.56	20.38		
15	1	0	256-QAM	18.47	18.47	18.49	17.33	0.0541
15	1	37		18.57	18.63	18.61		
15	1	74		18.33	18.32	18.26		
15	36	0		18.35	18.44	18.29		
15	36	20		18.29	18.32	18.29		
15	36	39		18.22	18.31	18.26		
15	75	0		18.30	18.35	18.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.77	23.81	23.55	22.51	0.1782
10	1	25		23.76	23.65	23.49		
10	1	49		23.54	23.44	23.20		
10	25	0		22.71	22.58	22.34		
10	25	12		22.74	22.49	22.37		
10	25	25		22.57	22.49	22.23		
10	50	0		22.72	22.55	22.22		
10	1	0	16-QAM	23.06	23.04	22.71	21.76	0.1500
10	1	25		22.97	22.85	22.72		
10	1	49		22.81	22.65	22.32		
10	25	0		21.79	21.58	21.33		
10	25	12		21.71	21.55	21.34		
10	25	25		21.60	21.51	21.29		
10	50	0		21.67	21.55	21.30		
10	1	0	64-QAM	21.97	21.88	21.58	20.69	0.1172
10	1	25		21.99	21.80	21.67		
10	1	49		21.79	21.58	21.30		
10	25	0		20.78	20.64	20.42		
10	25	12		20.73	20.60	20.33		
10	25	25		20.67	20.61	20.34		
10	50	0		20.71	20.61	20.42		
10	1	0	256-QAM	18.43	18.43	18.43	17.38	0.0547
10	1	25		18.55	18.68	18.63		
10	1	49		18.33	18.33	18.27		
10	25	0		18.32	18.37	18.38		
10	25	12		18.28	18.35	18.29		
10	25	25		18.25	18.33	18.31		
10	50	0		18.36	18.38	18.30		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.79	23.74	23.52	22.49	0.1774
5	1	12		23.70	23.59	23.50		
5	1	24		23.54	23.48	23.20		
5	12	0		22.74	22.54	22.34		
5	12	7		22.72	22.51	22.34		
5	12	13		22.57	22.47	22.28		
5	25	0		22.65	22.57	22.25		
5	1	0	16-QAM	22.98	23.08	22.75	21.78	0.1507
5	1	12		23.03	22.93	22.78		
5	1	24		22.80	22.74	22.34		
5	12	0		21.75	21.57	21.31		
5	12	7		21.73	21.56	21.37		
5	12	13		21.69	21.52	21.23		
5	25	0		21.68	21.56	21.35		
5	1	0	64-QAM	21.88	21.91	21.64	20.62	0.1153
5	1	12		21.92	21.87	21.69		
5	1	24		21.79	21.57	21.39		
5	12	0		20.83	20.69	20.37		
5	12	7		20.75	20.60	20.41		
5	12	13		20.73	20.52	20.32		
5	25	0		20.75	20.61	20.36		
5	1	0	256-QAM	18.43	18.51	18.48	17.37	0.0546
5	1	12		18.59	18.65	18.67		
5	1	24		18.32	18.36	18.29		
5	12	0		18.32	18.38	18.31		
5	12	7		18.26	18.39	18.32		
5	12	13		18.27	18.37	18.32		
5	25	0		18.38	18.38	18.30		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.84	23.78	23.61	22.54	0.1795
3	1	8		23.70	23.59	23.52		
3	1	14		23.54	23.39	23.24		
3	8	0		22.72	22.62	22.34		
3	8	4		22.73	22.53	22.28		
3	8	7		22.65	22.45	22.26		
3	15	0		22.63	22.49	22.25		
3	1	0	16-QAM	23.00	23.04	22.69	21.74	0.1493
3	1	8		23.04	22.91	22.74		
3	1	14		22.75	22.72	22.27		
3	8	0		21.69	21.61	21.39		
3	8	4		21.64	21.56	21.29		
3	8	7		21.68	21.53	21.31		
3	15	0		21.69	21.51	21.32		
3	1	0	64-QAM	21.92	21.86	21.64	20.68	0.1169
3	1	8		21.98	21.78	21.71		
3	1	14		21.77	21.56	21.29		
3	8	0		20.79	20.65	20.46		
3	8	4		20.79	20.59	20.33		
3	8	7		20.71	20.61	20.33		
3	15	0		20.68	20.56	20.37		
3	1	0	256-QAM	18.46	18.48	18.47	17.37	0.0546
3	1	8		18.54	18.67	18.67		
3	1	14		18.30	18.29	18.28		
3	8	0		18.29	18.43	18.35		
3	8	4		18.23	18.41	18.25		
3	8	7		18.29	18.30	18.24		
3	15	0		18.38	18.38	18.32		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.74	23.64	23.37	22.46	0.1762
1.4	1	3		23.59	23.44	23.22		
1.4	1	5		23.76	23.63	23.28		
1.4	3	0		23.68	23.55	23.21		
1.4	3	1		23.70	23.58	23.27		
1.4	3	3		23.70	23.59	23.28		
1.4	6	0		22.72	22.60	22.21		
1.4	1	0	16-QAM	22.99	22.90	22.50	21.69	0.1476
1.4	1	3		22.76	22.72	22.34		
1.4	1	5		22.90	22.81	22.49		
1.4	3	0		22.80	22.71	22.35		
1.4	3	1		22.81	22.71	22.37		
1.4	3	3		22.79	22.67	22.32		
1.4	6	0		21.79	21.66	21.43		
1.4	1	0	64-QAM	21.88	21.76	21.49	20.60	0.1148
1.4	1	3		21.77	21.63	21.45		
1.4	1	5		21.85	21.69	21.49		
1.4	3	0		21.90	21.81	21.63		
1.4	3	1		21.85	21.73	21.61		
1.4	3	3		21.82	21.72	21.56		
1.4	6	0		20.81	20.66	20.47		
1.4	1	0	256-QAM	18.45	18.46	18.44	17.40	0.0550
1.4	1	3		18.56	18.70	18.62		
1.4	1	5		18.39	18.38	18.26		
1.4	3	0		18.31	18.37	18.34		
1.4	3	1		18.27	18.31	18.32		
1.4	3	3		18.30	18.28	18.27		
1.4	6	0		18.39	18.34	18.29		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.54	23.64	23.61	23.14	0.2061
20	1	49		23.47	23.60	23.55		
20	1	99		23.34	23.39	23.34		
20	50	0		22.55	22.58	22.55		
20	50	24		22.50	22.51	22.48		
20	50	50		22.45	22.45	22.42		
20	100	0		22.50	22.51	22.48		
20	1	0	16-QAM	22.87	22.86	22.79	22.37	0.1726
20	1	49		22.72	22.61	22.68		
20	1	99		22.67	22.63	22.49		
20	50	0		21.58	21.56	21.52		
20	50	24		21.54	21.50	21.47		
20	50	50		21.48	21.43	21.38		
20	100	0		21.51	21.49	21.44		
20	1	0	64-QAM	21.79	21.86	21.86	21.36	0.1368
20	1	49		21.76	21.66	21.86		
20	1	99		21.54	21.50	21.48		
20	50	0		20.63	20.59	20.55		
20	50	24		20.58	20.53	20.49		
20	50	50		20.51	20.46	20.40		
20	100	0		20.53	20.50	20.44		
20	1	0	256-QAM	18.19	18.25	18.17	17.81	0.0604
20	1	49		18.24	18.31	18.29		
20	1	99		18.10	18.15	18.14		
20	50	0		18.24	18.24	18.16		
20	50	24		18.15	18.21	18.21		
20	50	50		18.08	18.17	18.17		
20	100	0		18.12	18.19	18.10		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.49	23.60	23.52	23.10	0.2042
15	1	37		23.44	23.55	23.53		
15	1	74		23.31	23.30	23.30		
15	36	0		22.53	22.48	22.45		
15	36	20		22.42	22.48	22.46		
15	36	39		22.41	22.45	22.33		
15	75	0		22.42	22.43	22.48		
15	1	0	16-QAM	22.87	22.84	22.76	22.37	0.1726
15	1	37		22.68	22.59	22.63		
15	1	74		22.60	22.62	22.41		
15	36	0		21.49	21.54	21.50		
15	36	20		21.45	21.40	21.41		
15	36	39		21.44	21.33	21.31		
15	75	0		21.42	21.47	21.34		
15	1	0	64-QAM	21.79	21.86	21.84	21.36	0.1368
15	1	37		21.69	21.59	21.86		
15	1	74		21.50	21.40	21.39		
15	36	0		20.56	20.55	20.48		
15	36	20		20.48	20.44	20.43		
15	36	39		20.51	20.43	20.36		
15	75	0		20.49	20.47	20.40		
15	1	0	256-QAM	18.13	18.21	18.14	17.75	0.0596
15	1	37		18.23	18.25	18.20		
15	1	74		18.00	18.06	18.11		
15	36	0		18.15	18.17	18.13		
15	36	20		18.09	18.21	18.14		
15	36	39		18.06	18.15	18.11		
15	75	0		18.11	18.19	18.08		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.48	23.63	23.51	23.13	0.2056
10	1	25		23.43	23.59	23.55		
10	1	49		23.27	23.34	23.24		
10	25	0		22.47	22.53	22.51		
10	25	12		22.50	22.49	22.47		
10	25	25		22.41	22.40	22.38		
10	50	0		22.40	22.43	22.40		
10	1	0	16-QAM	22.84	22.80	22.74	22.34	0.1714
10	1	25		22.62	22.57	22.68		
10	1	49		22.58	22.57	22.43		
10	25	0		21.54	21.48	21.47		
10	25	12		21.49	21.42	21.40		
10	25	25		21.40	21.41	21.30		
10	50	0		21.47	21.39	21.44		
10	1	0	64-QAM	21.74	21.79	21.85	21.36	0.1368
10	1	25		21.70	21.56	21.86		
10	1	49		21.46	21.48	21.48		
10	25	0		20.53	20.55	20.50		
10	25	12		20.58	20.49	20.47		
10	25	25		20.43	20.39	20.36		
10	50	0		20.50	20.49	20.42		
10	1	0	256-QAM	18.10	18.15	18.08	17.74	0.0594
10	1	25		18.20	18.23	18.20		
10	1	49		18.02	18.09	18.12		
10	25	0		18.24	18.22	18.10		
10	25	12		18.11	18.13	18.19		
10	25	25		18.03	18.17	18.14		
10	50	0		18.03	18.16	18.08		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.46	23.60	23.55	23.10	0.2042
5	1	12		23.37	23.51	23.46		
5	1	24		23.34	23.38	23.24		
5	12	0		22.51	22.51	22.51		
5	12	7		22.48	22.43	22.47		
5	12	13		22.44	22.35	22.32		
5	25	0		22.50	22.47	22.38		
5	1	0	16-QAM	22.82	22.76	22.71	22.32	0.1706
5	1	12		22.67	22.52	22.65		
5	1	24		22.59	22.58	22.46		
5	12	0		21.52	21.50	21.43		
5	12	7		21.48	21.48	21.42		
5	12	13		21.47	21.33	21.35		
5	25	0		21.41	21.49	21.35		
5	1	0	64-QAM	21.72	21.82	21.77	21.34	0.1361
5	1	12		21.67	21.59	21.84		
5	1	24		21.53	21.40	21.44		
5	12	0		20.62	20.53	20.54		
5	12	7		20.53	20.50	20.44		
5	12	13		20.42	20.39	20.36		
5	25	0		20.47	20.42	20.34		
5	1	0	256-QAM	18.11	18.22	18.16	17.77	0.0598
5	1	12		18.17	18.27	18.23		
5	1	24		18.01	18.13	18.07		
5	12	0		18.21	18.15	18.12		
5	12	7		18.15	18.19	18.12		
5	12	13		18.05	18.15	18.17		
5	25	0		18.09	18.17	18.09		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.48	23.61	23.57	23.11	0.2046
3	1	8		23.46	23.51	23.55		
3	1	14		23.30	23.34	23.25		
3	8	0		22.53	22.52	22.49		
3	8	4		22.43	22.45	22.43		
3	8	7		22.44	22.40	22.37		
3	15	0		22.49	22.47	22.48		
3	1	0	16-QAM	22.84	22.76	22.77	22.34	0.1714
3	1	8		22.69	22.51	22.68		
3	1	14		22.57	22.56	22.47		
3	8	0		21.53	21.54	21.45		
3	8	4		21.50	21.45	21.38		
3	8	7		21.47	21.42	21.37		
3	15	0		21.47	21.44	21.37		
3	1	0	64-QAM	21.69	21.85	21.79	21.35	0.1365
3	1	8		21.76	21.61	21.81		
3	1	14		21.49	21.49	21.48		
3	8	0		20.55	20.52	20.55		
3	8	4		20.55	20.51	20.39		
3	8	7		20.42	20.37	20.38		
3	15	0		20.46	20.43	20.44		
3	1	0	256-QAM	18.18	18.19	18.12	17.80	0.0603
3	1	8		18.18	18.30	18.23		
3	1	14		18.04	18.05	18.04		
3	8	0		18.20	18.23	18.09		
3	8	4		18.11	18.21	18.21		
3	8	7		18.02	18.14	18.17		
3	15	0		18.03	18.10	18.05		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.50	23.51	23.43	23.07	0.2028
1.4	1	3		23.37	23.34	23.17		
1.4	1	5		23.56	23.52	23.41		
1.4	3	0		23.57	23.44	23.40		
1.4	3	1		23.51	23.47	23.36		
1.4	3	3		23.51	23.46	23.39		
1.4	6	0		22.58	22.51	22.40		
1.4	1	0	16-QAM	22.84	22.77	22.66	22.34	0.1714
1.4	1	3		22.65	22.63	22.48		
1.4	1	5		22.72	22.75	22.63		
1.4	3	0		22.63	22.62	22.55		
1.4	3	1		22.64	22.58	22.57		
1.4	3	3		22.58	22.51	22.43		
1.4	6	0		21.64	21.57	21.44		
1.4	1	0	64-QAM	21.67	21.59	21.50	21.22	0.1324
1.4	1	3		21.61	21.49	21.40		
1.4	1	5		21.72	21.72	21.55		
1.4	3	0		21.66	21.56	21.52		
1.4	3	1		21.64	21.55	21.48		
1.4	3	3		21.60	21.51	21.49		
1.4	6	0		20.60	20.51	20.39		
1.4	1	0	256-QAM	18.11	18.24	18.07	17.79	0.0601
1.4	1	3		18.15	18.23	18.29		
1.4	1	5		18.04	18.07	18.08		
1.4	3	0		18.21	18.15	18.09		
1.4	3	1		18.08	18.16	18.17		
1.4	3	3		18.04	18.12	18.16		
1.4	6	0		18.04	18.12	18.07		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.50	24.59	24.51	17.94	0.0622
10	1	25		24.36	24.37	24.33		
10	1	49		24.47	24.45	24.39		
10	25	0		23.59	23.63	23.58		
10	25	12		23.56	23.62	23.56		
10	25	25		23.54	23.58	23.51		
10	50	0		23.60	23.63	23.56		
10	1	0	16-QAM	23.83	23.85	23.82	17.22	0.0527
10	1	25		23.78	23.71	23.60		
10	1	49		23.87	23.66	23.71		
10	25	0		22.67	22.65	22.61		
10	25	12		22.67	22.63	22.58		
10	25	25		22.63	22.58	22.53		
10	50	0		22.64	22.62	22.55		
10	1	0	64-QAM	22.83	22.82	22.83	16.24	0.0421
10	1	25		22.78	22.67	22.65		
10	1	49		22.89	22.69	22.62		
10	25	0		21.67	21.65	21.59		
10	25	12		21.65	21.60	21.55		
10	25	25		21.62	21.56	21.51		
10	50	0		21.67	21.61	21.54		
10	1	0	256-QAM	19.62	19.68	19.68	13.09	0.0204
10	1	25		19.57	19.64	19.61		
10	1	49		19.60	19.66	19.61		
10	25	0		19.67	19.74	19.68		
10	25	12		19.66	19.68	19.67		
10	25	25		19.69	19.70	19.60		
10	50	0		19.67	19.72	19.63		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.45	24.55	24.50	17.92	0.0619
5	1	12		24.51	24.57	24.51		
5	1	24		24.52	24.57	24.43		
5	12	0		23.63	23.66	23.52		
5	12	7		23.65	23.65	23.51		
5	12	13		23.66	23.63	23.49		
5	25	0		23.66	23.64	23.51		
5	1	0	16-QAM	23.89	23.83	23.82	17.40	0.0550
5	1	12		24.05	23.91	23.87		
5	1	24		23.92	23.76	23.73		
5	12	0		22.74	22.69	22.57		
5	12	7		22.76	22.63	22.55		
5	12	13		22.78	22.61	22.55		
5	25	0		22.72	22.63	22.54		
5	1	0	64-QAM	22.89	22.75	22.64	16.24	0.0421
5	1	12		22.87	22.71	22.64		
5	1	24		22.87	22.64	22.55		
5	12	0		21.75	21.69	21.59		
5	12	7		21.77	21.64	21.57		
5	12	13		21.81	21.64	21.55		
5	25	0		21.69	21.60	21.53		
5	1	0	256-QAM	19.61	19.61	19.63	13.07	0.0203
5	1	12		19.49	19.64	19.51		
5	1	24		19.50	19.63	19.57		
5	12	0		19.64	19.72	19.68		
5	12	7		19.64	19.66	19.63		
5	12	13		19.67	19.68	19.55		
5	25	0		19.66	19.68	19.61		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.56	24.55	24.43	17.91	0.0618
3	1	8		24.44	24.40	24.32		
3	1	14		24.54	24.50	24.39		
3	8	0		23.59	23.57	23.44		
3	8	4		23.62	23.55	23.46		
3	8	7		23.61	23.55	23.42		
3	15	0		23.65	23.55	23.47		
3	1	0	16-QAM	23.83	23.80	23.71	17.18	0.0522
3	1	8		23.80	23.74	23.63		
3	1	14		23.81	23.74	23.69		
3	8	0		22.72	22.61	22.53		
3	8	4		22.74	22.56	22.52		
3	8	7		22.71	22.55	22.48		
3	15	0		22.67	22.53	22.47		
3	1	0	64-QAM	22.79	22.72	22.63	16.15	0.0412
3	1	8		22.72	22.59	22.53		
3	1	14		22.80	22.61	22.49		
3	8	0		21.70	21.54	21.45		
3	8	4		21.67	21.53	21.40		
3	8	7		21.69	21.55	21.46		
3	15	0		21.71	21.51	21.44		
3	1	0	256-QAM	19.58	19.64	19.58	13.06	0.0202
3	1	8		19.56	19.61	19.53		
3	1	14		19.51	19.62	19.56		
3	8	0		19.61	19.71	19.60		
3	8	4		19.56	19.61	19.64		
3	8	7		19.67	19.65	19.51		
3	15	0		19.57	19.63	19.59		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.50	24.45	24.34	17.92	0.0619
1.4	1	3		24.38	24.33	24.21		
1.4	1	5		24.56	24.47	24.38		
1.4	3	0		24.57	24.51	24.40		
1.4	3	1		24.56	24.51	24.38		
1.4	3	3		24.56	24.49	24.39		
1.4	6	0		23.60	23.52	23.46		
1.4	1	0	16-QAM	23.82	23.68	23.64	17.17	0.0521
1.4	1	3		23.65	23.55	23.47		
1.4	1	5		23.77	23.61	23.60		
1.4	3	0		23.66	23.57	23.49		
1.4	3	1		23.67	23.55	23.51		
1.4	3	3		23.65	23.56	23.49		
1.4	6	0		22.61	22.49	22.44		
1.4	1	0	64-QAM	22.70	22.63	22.57	16.08	0.0406
1.4	1	3		22.65	22.47	22.45		
1.4	1	5		22.73	22.59	22.53		
1.4	3	0		22.72	22.58	22.53		
1.4	3	1		22.71	22.62	22.56		
1.4	3	3		22.62	22.53	22.46		
1.4	6	0		21.62	21.48	21.42		
1.4	1	0	256-QAM	19.58	19.68	19.61	13.06	0.0202
1.4	1	3		19.56	19.60	19.53		
1.4	1	5		19.60	19.57	19.60		
1.4	3	0		19.64	19.64	19.60		
1.4	3	1		19.57	19.67	19.60		
1.4	3	3		19.62	19.70	19.60		
1.4	6	0		19.59	19.71	19.57		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.61	23.63	23.58	23.03	0.2009
20	1	49		23.48	23.42	23.56		
20	1	99		23.60	23.58	23.57		
20	50	0		22.54	22.55	22.53		
20	50	24		22.50	22.51	22.46		
20	50	50		22.53	22.54	22.52		
20	100	0		22.52	22.53	22.46		
20	1	0	16-QAM	22.64	22.82	22.66	22.31	0.1702
20	1	49		22.73	22.90	22.90		
20	1	99		22.91	22.88	22.87		
20	50	0		21.46	21.51	21.45		
20	50	24		21.53	21.53	21.53		
20	50	50		21.59	21.56	21.57		
20	100	0		21.52	21.51	21.52		
20	1	0	64-QAM	21.56	21.70	21.78	21.49	0.1409
20	1	49		22.09	22.02	22.03		
20	1	99		21.90	21.80	21.92		
20	50	0		20.52	20.55	20.52		
20	50	24		20.55	20.56	20.56		
20	50	50		20.60	20.63	20.64		
20	100	0		20.54	20.55	20.56		
20	1	0	256-QAM	18.56	18.64	18.64	18.04	0.0637
20	1	49		18.42	18.48	18.41		
20	1	99		18.23	18.32	18.25		
20	50	0		18.34	18.41	18.40		
20	50	24		18.28	18.32	18.22		
20	50	50		18.25	18.25	18.15		
20	100	0		18.29	18.30	18.22		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.44	23.45	23.46	22.99	0.1991
15	1	37		23.17	23.10	23.16		
15	1	74		23.55	23.52	23.59		
15	36	0		22.43	22.46	22.44		
15	36	20		22.47	22.50	22.52		
15	36	39		22.50	22.53	22.55		
15	75	0		22.50	22.49	22.54		
15	1	0	16-QAM	22.64	22.77	22.58	22.20	0.1660
15	1	37		22.59	22.64	22.62		
15	1	74		22.78	22.77	22.80		
15	36	0		21.42	21.52	21.48		
15	36	20		21.49	21.51	21.52		
15	36	39		21.55	21.54	21.56		
15	75	0		21.50	21.55	21.53		
15	1	0	64-QAM	21.55	21.66	21.57	21.20	0.1318
15	1	37		21.55	21.60	21.65		
15	1	74		21.80	21.76	21.80		
15	36	0		20.46	20.52	20.52		
15	36	20		20.48	20.55	20.56		
15	36	39		20.54	20.59	20.60		
15	75	0		20.49	20.58	20.56		
15	1	0	256-QAM	18.46	18.62	18.56	18.02	0.0634
15	1	37		18.41	18.42	18.38		
15	1	74		18.22	18.22	18.22		
15	36	0		18.28	18.33	18.40		
15	36	20		18.18	18.28	18.17		
15	36	39		18.17	18.24	18.15		
15	75	0		18.25	18.23	18.15		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.46	23.51	23.51	22.93	0.1963
10	1	25		23.29	23.32	23.41		
10	1	49		23.42	23.45	23.53		
10	25	0		22.38	22.47	22.47		
10	25	12		22.40	22.48	22.49		
10	25	25		22.42	22.48	22.51		
10	50	0		22.42	22.48	22.50		
10	1	0	16-QAM	22.80	22.79	22.70	22.27	0.1687
10	1	25		22.64	22.67	22.70		
10	1	49		22.80	22.73	22.87		
10	25	0		21.43	21.49	21.50		
10	25	12		21.45	21.51	21.56		
10	25	25		21.46	21.55	21.58		
10	50	0		21.42	21.51	21.54		
10	1	0	64-QAM	21.57	21.78	21.66	21.18	0.1312
10	1	25		21.54	21.59	21.54		
10	1	49		21.69	21.73	21.67		
10	25	0		20.46	20.52	20.47		
10	25	12		20.48	20.51	20.53		
10	25	25		20.50	20.51	20.57		
10	50	0		20.48	20.60	20.57		
10	1	0	256-QAM	18.50	18.56	18.64	18.04	0.0637
10	1	25		18.40	18.42	18.39		
10	1	49		18.21	18.22	18.22		
10	25	0		18.29	18.34	18.30		
10	25	12		18.20	18.25	18.20		
10	25	25		18.15	18.25	18.07		
10	50	0		18.26	18.27	18.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.44	23.51	23.49	22.93	0.1963
5	1	12		23.18	23.23	23.28		
5	1	24		23.44	23.47	23.53		
5	12	0		22.36	22.46	22.47		
5	12	7		22.36	22.46	22.50		
5	12	13		22.39	22.47	22.53		
5	25	0		22.39	22.49	22.51		
5	1	0	16-QAM	22.66	22.72	22.72	22.20	0.1660
5	1	12		22.53	22.52	22.72		
5	1	24		22.65	22.73	22.80		
5	12	0		21.44	21.51	21.53		
5	12	7		21.43	21.51	21.55		
5	12	13		21.47	21.55	21.58		
5	25	0		21.43	21.56	21.55		
5	1	0	64-QAM	21.54	21.69	21.61	21.09	0.1285
5	1	12		21.53	21.64	21.69		
5	1	24		21.53	21.64	21.69		
5	12	0		20.41	20.51	20.52		
5	12	7		20.47	20.51	20.55		
5	12	13		20.49	20.53	20.61		
5	25	0		20.44	20.46	20.54		
5	1	0	256-QAM	18.47	18.60	18.63	18.03	0.0635
5	1	12		18.35	18.42	18.36		
5	1	24		18.20	18.31	18.24		
5	12	0		18.24	18.38	18.31		
5	12	7		18.25	18.25	18.15		
5	12	13		18.16	18.18	18.13		
5	25	0		18.27	18.27	18.14		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.76	24.77	24.56	17.22	0.0527
10	1	25		24.56	24.47	24.44		
10	1	49		24.68	24.58	24.53		
10	25	0		23.73	23.75	23.65		
10	25	12		23.72	23.71	23.64		
10	25	25		23.71	23.69	23.63		
10	50	0		23.68	23.69	23.65		
10	1	0	16-QAM	23.84	23.86	23.84	16.41	0.0438
10	1	25		23.82	23.83	23.67		
10	1	49		23.96	23.79	23.74		
10	25	0		22.73	22.70	22.66		
10	25	12		22.71	22.70	22.64		
10	25	25		22.71	22.69	22.65		
10	50	0		22.68	22.67	22.62		
10	1	0	64-QAM	22.88	22.72	22.77	15.36	0.0344
10	1	25		22.81	22.76	22.66		
10	1	49		22.91	22.79	22.72		
10	25	0		21.69	21.69	21.64		
10	25	12		21.69	21.65	21.62		
10	25	25		21.68	21.65	21.63		
10	50	0		21.70	21.68	21.63		
10	1	0	256-QAM	19.74	19.83	19.80	12.28	0.0169
10	1	25		19.71	19.75	19.73		
10	1	49		19.69	19.78	19.75		
10	25	0		19.67	19.77	19.71		
10	25	12		19.76	19.79	19.73		
10	25	25		19.68	19.68	19.66		
10	50	0		19.60	19.70	19.65		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.73	24.62	24.56	17.20	0.0525
5	1	12		24.75	24.71	24.68		
5	1	24		24.74	24.65	24.57		
5	12	0		23.78	23.67	23.61		
5	12	7		23.79	23.68	23.62		
5	12	13		23.73	23.69	23.63		
5	25	0		23.74	23.68	23.61		
5	1	0	16-QAM	23.95	23.92	23.84	16.47	0.0444
5	1	12		24.02	23.98	23.83		
5	1	24		23.96	23.90	23.84		
5	12	0		22.78	22.72	22.65		
5	12	7		22.79	22.72	22.67		
5	12	13		22.80	22.72	22.65		
5	25	0		22.71	22.66	22.59		
5	1	0	64-QAM	22.77	22.79	22.65	15.33	0.0341
5	1	12		22.88	22.82	22.78		
5	1	24		22.86	22.78	22.72		
5	12	0		21.73	21.68	21.62		
5	12	7		21.74	21.69	21.61		
5	12	13		21.75	21.66	21.61		
5	25	0		21.72	21.65	21.60		
5	1	0	256-QAM	19.71	19.77	19.78	12.23	0.0167
5	1	12		19.67	19.69	19.64		
5	1	24		19.62	19.68	19.73		
5	12	0		19.65	19.67	19.62		
5	12	7		19.73	19.73	19.63		
5	12	13		19.58	19.58	19.62		
5	25	0		19.59	19.70	19.64		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.75	24.64	24.56	17.20	0.0525
3	1	8		24.63	24.55	24.43		
3	1	14		24.71	24.61	24.51		
3	8	0		23.75	23.64	23.57		
3	8	4		23.71	23.63	23.58		
3	8	7		23.78	23.67	23.60		
3	15	0		23.75	23.68	23.58		
3	1	0	16-QAM	23.97	23.92	23.91	16.44	0.0441
3	1	8		23.86	23.81	23.74		
3	1	14		23.99	23.89	23.86		
3	8	0		22.78	22.71	22.62		
3	8	4		22.79	22.70	22.64		
3	8	7		22.79	22.69	22.60		
3	15	0		22.69	22.66	22.59		
3	1	0	64-QAM	22.87	22.76	22.76	15.32	0.0340
3	1	8		22.74	22.75	22.72		
3	1	14		22.78	22.84	22.77		
3	8	0		21.78	21.66	21.63		
3	8	4		21.76	21.68	21.63		
3	8	7		21.77	21.69	21.65		
3	15	0		21.73	21.66	21.60		
3	1	0	256-QAM	19.69	19.74	19.73	12.19	0.0166
3	1	8		19.70	19.69	19.72		
3	1	14		19.68	19.68	19.73		
3	8	0		19.61	19.73	19.67		
3	8	4		19.71	19.74	19.70		
3	8	7		19.68	19.58	19.61		
3	15	0		19.50	19.67	19.59		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.73	24.64	24.54	17.20	0.0525
1.4	1	3		24.61	24.55	24.39		
1.4	1	5		24.75	24.71	24.60		
1.4	3	0		24.70	24.51	24.39		
1.4	3	1		24.71	24.72	24.56		
1.4	3	3		24.71	24.69	24.55		
1.4	6	0		23.73	23.68	23.58		
1.4	1	0	16-QAM	23.83	23.90	23.79	16.35	0.0432
1.4	1	3		23.71	23.73	23.50		
1.4	1	5		23.84	23.81	23.78		
1.4	3	0		23.78	23.76	23.78		
1.4	3	1		23.73	23.77	23.68		
1.4	3	3		23.77	23.78	23.64		
1.4	6	0		22.72	22.73	22.50		
1.4	1	0	64-QAM	22.78	22.82	22.66	15.30	0.0339
1.4	1	3		22.71	22.71	22.66		
1.4	1	5		22.81	22.79	22.77		
1.4	3	0		22.76	22.73	22.71		
1.4	3	1		22.85	22.78	22.76		
1.4	3	3		22.72	22.76	22.69		
1.4	6	0		21.72	21.65	21.58		
1.4	1	0	256-QAM	19.70	19.80	19.80	12.25	0.0168
1.4	1	3		19.65	19.66	19.68		
1.4	1	5		19.68	19.78	19.72		
1.4	3	0		19.66	19.72	19.69		
1.4	3	1		19.71	19.78	19.64		
1.4	3	3		19.64	19.62	19.63		
1.4	6	0		19.56	19.60	19.58		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4.2 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.71	-	18.36	0.0685			
10	1	25			24.55						
10	1	49			24.60						
10	25	0			23.65						
10	25	12			23.62						
10	25	25			23.59						
10	50	0			23.59						
10	1	0	16-QAM		23.73		-	17.40	0.0550		
10	1	25			23.65						
10	1	49			23.75						
10	25	0			22.58						
10	25	12			22.58						
10	25	25			22.58						
10	50	0			22.57						
10	1	0	64-QAM		22.64			-	16.44	0.0441	
10	1	25			22.58						
10	1	49			22.79						
10	25	0			21.55						
10	25	12			21.58						
10	25	25			21.56						
10	50	0			21.59						
10	1	0	256-QAM		19.72				-	13.37	0.0217
10	1	25			19.57						
10	1	49			19.58						
10	25	0			19.66						
10	25	12			19.65						
10	25	25			19.63						
10	50	0			19.64						
Limit	ERP < 3W			Result						Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.54	24.55	24.52	18.35	0.0684
5	1	12		24.66	24.70	24.68		
5	1	24		24.54	24.58	24.54		
5	12	0		23.59	23.61	23.59		
5	12	7		23.59	23.61	23.59		
5	12	13		23.59	23.59	23.59		
5	25	0		23.63	23.63	23.60		
5	1	0	16-QAM	23.81	23.86	23.77	17.57	0.0571
5	1	12		23.92	23.92	23.84		
5	1	24		23.80	23.84	23.74		
5	12	0		22.67	22.68	22.60		
5	12	7		22.69	22.66	22.63		
5	12	13		22.70	22.67	22.64		
5	25	0		22.62	22.61	22.55		
5	1	0	64-QAM	22.78	22.76	22.75	16.57	0.0454
5	1	12		22.92	22.91	22.82		
5	1	24		22.84	22.86	22.74		
5	12	0		21.63	21.62	21.54		
5	12	7		21.63	21.63	21.56		
5	12	13		21.62	21.65	21.62		
5	25	0		21.62	21.58	21.53		
5	1	0	256-QAM	19.65	19.62	19.70	13.35	0.0216
5	1	12		19.50	19.48	19.50		
5	1	24		19.48	19.51	19.57		
5	12	0		19.60	19.61	19.61		
5	12	7		19.61	19.58	19.55		
5	12	13		19.55	19.63	19.60		
5	25	0		19.56	19.55	19.58		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.77	24.78	24.63	17.23	0.0528
10	1	25		24.65	24.56	24.50		
10	1	49		24.72	24.59	24.61		
10	25	0		23.73	23.75	23.71		
10	25	12		23.70	23.70	23.69		
10	25	25		23.70	23.71	23.70		
10	50	0		23.78	23.79	23.71		
10	1	0	16-QAM	23.95	23.87	23.89	16.46	0.0443
10	1	25		23.87	23.79	23.72		
10	1	49		24.01	23.87	23.85		
10	25	0		22.76	22.71	22.70		
10	25	12		22.77	22.70	22.71		
10	25	25		22.79	22.69	22.72		
10	50	0		22.74	22.69	22.68		
10	1	0	64-QAM	23.01	22.86	22.81	15.46	0.0352
10	1	25		22.93	22.83	22.88		
10	1	49		22.96	22.95	22.93		
10	25	0		21.75	21.67	21.68		
10	25	12		21.77	21.68	21.66		
10	25	25		21.76	21.70	21.65		
10	50	0		21.78	21.75	21.68		
10	1	0	256-QAM	19.68	19.74	19.70	12.25	0.0168
10	1	25		19.50	19.60	19.52		
10	1	49		19.38	19.42	19.38		
10	25	0		19.71	19.80	19.70		
10	25	12		19.73	19.74	19.64		
10	25	25		19.65	19.69	19.69		
10	50	0		19.77	19.78	19.76		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.69	24.65	24.61	17.21	0.0526
5	1	12		24.76	24.70	24.68		
5	1	24		24.76	24.70	24.66		
5	12	0		23.78	23.72	23.67		
5	12	7		23.80	23.73	23.68		
5	12	13		23.73	23.72	23.69		
5	25	0		23.75	23.73	23.69		
5	1	0	16-QAM	23.95	23.96	23.95	16.50	0.0447
5	1	12		24.00	24.00	24.05		
5	1	24		23.97	23.96	23.94		
5	12	0		22.78	22.74	22.74		
5	12	7		22.79	22.76	22.73		
5	12	13		22.79	22.73	22.74		
5	25	0		22.74	22.71	22.64		
5	1	0	64-QAM	22.94	22.85	22.77	15.48	0.0353
5	1	12		23.03	22.86	22.81		
5	1	24		22.92	22.87	22.78		
5	12	0		21.72	21.68	21.70		
5	12	7		21.74	21.70	21.70		
5	12	13		21.77	21.71	21.71		
5	25	0		21.73	21.67	21.67		
5	1	0	256-QAM	19.61	19.64	19.62	12.18	0.0165
5	1	12		19.45	19.59	19.52		
5	1	24		19.37	19.33	19.36		
5	12	0		19.61	19.73	19.63		
5	12	7		19.71	19.69	19.58		
5	12	13		19.56	19.66	19.68		
5	25	0		19.69	19.70	19.71		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.84	24.89	24.72	18.24	0.0667
15	1	37		24.75	24.78	24.70		
15	1	74		24.70	24.64	24.45		
15	36	0		23.75	23.88	23.63		
15	36	20		23.74	23.72	23.62		
15	36	39		23.68	23.49	23.54		
15	75	0		23.72	23.81	23.59		
15	1	0	16-QAM	24.10	23.77	23.91	17.45	0.0556
15	1	37		24.08	24.08	23.72		
15	1	74		23.95	23.87	23.66		
15	36	0		22.76	22.69	22.61		
15	36	20		22.72	22.60	22.58		
15	36	39		22.70	22.57	22.57		
15	75	0		22.73	22.70	22.59		
15	1	0	64-QAM	22.89	22.84	22.82	16.36	0.0433
15	1	37		23.01	22.78	22.79		
15	1	74		22.82	22.73	22.55		
15	36	0		21.80	21.57	21.64		
15	36	20		21.76	21.81	21.59		
15	36	39		21.71	21.71	21.57		
15	75	0		21.68	21.84	21.57		
15	1	0	256-QAM	19.78	19.89	19.78	13.24	0.0211
15	1	37		19.73	19.79	19.64		
15	1	74		19.75	19.70	19.68		
15	36	0		18.83	18.64	18.83		
15	36	20		18.80	18.83	18.74		
15	36	39		18.70	18.66	18.69		
15	75	0		18.79	18.96	18.74		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.67	24.70	24.59	18.05	0.0638
10	1	25		24.48	24.55	24.40		
10	1	49		24.62	24.69	24.43		
10	25	0		23.82	23.70	23.58		
10	25	12		23.80	23.79	23.54		
10	25	25		23.77	23.71	23.50		
10	50	0		23.75	23.64	23.55		
10	1	0	16-QAM	23.88	24.01	23.77	17.36	0.0545
10	1	25		23.97	23.94	23.57		
10	1	49		23.97	23.77	23.57		
10	25	0		22.91	22.68	22.60		
10	25	12		22.89	22.80	22.58		
10	25	25		22.79	22.79	22.55		
10	50	0		22.83	22.68	22.56		
10	1	0	64-QAM	22.93	22.74	22.88	16.35	0.0432
10	1	25		22.84	22.86	22.58		
10	1	49		23.00	22.99	22.61		
10	25	0		21.91	21.69	21.61		
10	25	12		21.87	21.69	21.56		
10	25	25		21.72	21.66	21.51		
10	50	0		21.83	21.73	21.55		
10	1	0	256-QAM	19.72	19.83	19.73	13.18	0.0208
10	1	25		19.74	19.83	19.57		
10	1	49		19.66	19.74	19.67		
10	25	0		18.75	18.90	18.73		
10	25	12		18.51	18.63	18.65		
10	25	25		18.60	18.61	18.64		
10	50	0		18.72	18.75	18.72		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.74	24.62	24.48	18.12	0.0649
5	1	12		24.75	24.73	24.60		
5	1	24		24.77	24.71	24.42		
5	12	0		23.86	23.65	23.51		
5	12	7		23.71	23.64	23.49		
5	12	13		23.76	23.82	23.49		
5	25	0		23.76	23.62	23.49		
5	1	0	16-QAM	24.08	23.97	23.77	17.48	0.0560
5	1	12		24.13	23.97	23.73		
5	1	24		24.09	23.91	23.68		
5	12	0		22.85	22.71	22.58		
5	12	7		22.97	22.82	22.59		
5	12	13		22.86	22.87	22.57		
5	25	0		22.84	22.82	22.52		
5	1	0	64-QAM	22.97	23.00	22.70	16.40	0.0437
5	1	12		22.96	22.90	22.80		
5	1	24		23.03	23.05	22.64		
5	12	0		21.90	21.74	21.60		
5	12	7		21.91	21.81	21.58		
5	12	13		21.88	21.84	21.56		
5	25	0		21.96	21.66	21.54		
5	1	0	256-QAM	19.79	19.77	19.69	13.14	0.0206
5	1	12		19.59	19.71	19.56		
5	1	24		19.52	19.79	19.59		
5	12	0		18.73	18.82	18.78		
5	12	7		18.68	18.74	18.74		
5	12	13		18.72	18.61	18.65		
5	25	0		18.75	18.74	18.69		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.78	24.59	24.48	18.13	0.0650
3	1	8		24.65	24.44	24.37		
3	1	14		24.68	24.56	24.40		
3	8	0		23.81	23.61	23.48		
3	8	4		23.75	23.73	23.48		
3	8	7		23.82	23.65	23.51		
3	15	0		23.86	23.55	23.47		
3	1	0	16-QAM	23.90	23.83	23.67	17.32	0.0540
3	1	8		23.94	23.68	23.57		
3	1	14		23.97	23.75	23.66		
3	8	0		22.87	22.69	22.55		
3	8	4		22.81	22.63	22.53		
3	8	7		22.84	22.60	22.54		
3	15	0		22.82	22.62	22.47		
3	1	0	64-QAM	22.97	22.80	22.70	16.32	0.0429
3	1	8		22.96	22.65	22.60		
3	1	14		22.97	22.76	22.63		
3	8	0		21.72	21.72	21.52		
3	8	4		21.84	21.58	21.44		
3	8	7		21.80	21.79	21.48		
3	15	0		21.69	21.63	21.45		
3	1	0	256-QAM	19.72	19.64	19.71	13.09	0.0204
3	1	8		19.64	19.68	19.60		
3	1	14		19.69	19.74	19.63		
3	8	0		18.77	18.86	18.83		
3	8	4		18.68	18.82	18.71		
3	8	7		18.57	18.60	18.60		
3	15	0		18.70	18.62	18.69		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.73	23.60	23.52	17.16	0.0520
1.4	1	3		23.49	23.49	23.54		
1.4	1	5		23.66	23.53	23.52		
1.4	3	0		23.79	23.65	23.50		
1.4	3	1		23.81	23.51	23.52		
1.4	3	3		23.67	23.58	23.54		
1.4	6	0		22.68	22.64	22.54		
1.4	1	0	16-QAM	22.96	22.45	22.65	16.31	0.0428
1.4	1	3		22.76	22.70	22.55		
1.4	1	5		22.90	22.84	22.68		
1.4	3	0		22.83	22.85	22.53		
1.4	3	1		22.92	22.70	22.51		
1.4	3	3		22.79	22.67	22.54		
1.4	6	0		21.72	21.63	21.58		
1.4	1	0	64-QAM	21.90	21.74	21.56	15.34	0.0342
1.4	1	3		21.82	21.66	21.59		
1.4	1	5		21.79	21.76	21.57		
1.4	3	0		21.95	21.85	21.52		
1.4	3	1		21.94	21.71	21.53		
1.4	3	3		21.99	21.70	21.51		
1.4	6	0		20.72	20.70	20.57		
1.4	1	0	256-QAM	18.70	18.80	18.76	12.17	0.0165
1.4	1	3		18.55	18.78	18.64		
1.4	1	5		18.58	18.64	18.68		
1.4	3	0		18.71	18.72	18.82		
1.4	3	1		18.64	18.71	18.65		
1.4	3	3		18.61	18.71	18.60		
1.4	6	0		17.65	17.80	17.66		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.11	26.00	25.87	25.31	0.3396
20	1	49		26.01	25.89	25.75		
20	1	99		26.10	26.00	25.77		
20	50	0		24.23	24.08	23.87		
20	50	24		24.22	24.08	23.87		
20	50	50		24.20	24.06	23.84		
20	100	0		24.20	24.06	23.84		
20	1	0	16-QAM	24.50	24.19	24.11	23.70	0.2344
20	1	49		24.12	24.01	23.80		
20	1	99		24.19	24.09	23.88		
20	50	0		23.20	23.06	22.84		
20	50	24		23.20	23.03	22.81		
20	50	50		23.16	23.01	22.80		
20	100	0		23.21	23.05	22.84		
20	1	0	64-QAM	23.16	23.29	23.17	22.49	0.1774
20	1	49		23.05	23.11	22.92		
20	1	99		23.14	23.16	22.94		
20	50	0		22.19	22.02	21.90		
20	50	24		22.20	22.03	21.91		
20	50	50		22.19	22.02	21.90		
20	100	0		22.16	22.01	21.87		
20	1	0	256-QAM	20.22	20.38	20.17	19.58	0.0908
20	1	49		20.08	20.16	19.99		
20	1	99		20.23	20.20	19.96		
20	50	0		19.24	19.12	18.90		
20	50	24		19.23	19.03	18.91		
20	50	50		19.22	19.02	18.98		
20	100	0		19.17	19.09	18.89		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.08	25.98	25.80	25.29	0.3381
15	1	37		25.91	25.85	25.65		
15	1	74		26.09	25.95	25.72		
15	36	0		24.21	24.08	23.81		
15	36	20		24.21	24.00	23.78		
15	36	39		24.19	23.98	23.75		
15	75	0		24.13	23.99	23.80		
15	1	0	16-QAM	24.47	24.15	24.09	23.67	0.2328
15	1	37		24.04	23.91	23.70		
15	1	74		24.16	24.09	23.85		
15	36	0		23.16	22.99	22.83		
15	36	20		23.20	22.94	22.72		
15	36	39		23.13	22.93	22.71		
15	75	0		23.18	22.96	22.79		
15	1	0	64-QAM	23.14	23.25	23.12	22.45	0.1758
15	1	37		23.01	23.06	22.86		
15	1	74		23.09	23.06	22.93		
15	36	0		22.12	22.02	21.84		
15	36	20		22.20	21.95	21.91		
15	36	39		22.11	22.01	21.86		
15	75	0		22.08	21.95	21.80		
15	1	0	256-QAM	20.19	20.37	20.14	19.57	0.0906
15	1	37		20.01	20.14	19.90		
15	1	74		20.15	20.11	19.86		
15	36	0		19.15	19.04	18.81		
15	36	20		19.22	18.97	18.89		
15	36	39		19.13	18.94	18.88		
15	75	0		19.15	19.02	18.88		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.09	25.97	25.82	25.29	0.3381
10	1	25		25.92	25.81	25.74		
10	1	49		26.09	25.95	25.69		
10	25	0		24.19	24.03	23.85		
10	25	12		24.17	24.08	23.82		
10	25	25		24.15	24.02	23.80		
10	50	0		24.13	23.98	23.74		
10	1	0	16-QAM	24.48	24.17	24.03	23.68	0.2333
10	1	25		24.02	23.99	23.72		
10	1	49		24.12	24.01	23.80		
10	25	0		23.14	22.96	22.75		
10	25	12		23.20	22.93	22.72		
10	25	25		23.13	22.98	22.73		
10	50	0		23.16	23.02	22.84		
10	1	0	64-QAM	23.06	23.20	23.14	22.40	0.1738
10	1	25		22.99	23.10	22.92		
10	1	49		23.05	23.15	22.91		
10	25	0		22.09	22.02	21.88		
10	25	12		22.14	21.95	21.85		
10	25	25		22.10	21.92	21.81		
10	50	0		22.06	21.99	21.82		
10	1	0	256-QAM	20.18	20.36	20.17	19.56	0.0904
10	1	25		19.99	20.14	19.97		
10	1	49		20.13	20.16	19.87		
10	25	0		19.15	19.03	18.85		
10	25	12		19.16	18.99	18.89		
10	25	25		19.19	18.93	18.97		
10	50	0		19.07	19.08	18.85		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.02	25.92	25.77	25.22	0.3327
5	1	12		25.92	25.89	25.72		
5	1	24		26.00	25.91	25.77		
5	12	0		24.15	24.03	23.81		
5	12	7		24.15	24.04	23.77		
5	12	13		24.11	23.97	23.82		
5	25	0		24.17	23.97	23.75		
5	1	0	16-QAM	24.45	24.14	24.04	23.65	0.2317
5	1	12		24.09	23.93	23.70		
5	1	24		24.18	24.00	23.80		
5	12	0		23.14	23.01	22.81		
5	12	7		23.17	23.02	22.77		
5	12	13		23.15	22.91	22.78		
5	25	0		23.21	22.96	22.83		
5	1	0	64-QAM	23.12	23.23	23.10	22.43	0.1750
5	1	12		23.05	23.08	22.82		
5	1	24		23.12	23.09	22.94		
5	12	0		22.13	21.92	21.83		
5	12	7		22.20	21.94	21.90		
5	12	13		22.19	21.97	21.90		
5	25	0		22.15	22.00	21.82		
5	1	0	256-QAM	20.21	20.29	20.15	19.49	0.0889
5	1	12		20.05	20.09	19.97		
5	1	24		20.23	20.16	19.94		
5	12	0		19.18	19.11	18.84		
5	12	7		19.21	18.96	18.81		
5	12	13		19.17	18.98	18.97		
5	25	0		19.12	19.07	18.86		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.18	24.49	24.43	23.39	0.2183
20	1	49		23.89	24.27	24.25		
20	1	99		23.96	24.27	24.32		
20	50	0		22.17	22.51	22.39		
20	50	24		22.07	22.45	22.38		
20	50	50		22.16	22.50	22.38		
20	100	0		22.18	22.51	22.37		
20	1	0	16-QAM	22.27	22.53	22.45	21.46	0.1400
20	1	49		22.12	22.38	22.36		
20	1	99		22.22	22.56	22.51		
20	50	0		21.14	21.53	21.42		
20	50	24		21.15	21.55	21.42		
20	50	50		21.22	21.52	21.45		
20	100	0		21.23	21.54	21.45		
20	1	0	64-QAM	21.02	21.39	21.30	20.33	0.1079
20	1	49		20.86	21.30	21.23		
20	1	99		21.00	21.35	21.43		
20	50	0		20.21	20.55	20.48		
20	50	24		20.19	20.58	20.48		
20	50	50		20.21	20.60	20.51		
20	100	0		20.20	20.58	20.51		
20	1	0	256-QAM	18.06	18.45	18.34	17.36	0.0545
20	1	49		17.96	18.39	18.23		
20	1	99		18.02	18.44	18.46		
20	50	0		17.31	17.62	17.50		
20	50	24		17.19	17.61	17.56		
20	50	50		17.29	17.67	17.57		
20	100	0		17.20	17.62	17.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.17	24.49	24.42	23.39	0.2183
15	1	37		23.88	24.23	24.19		
15	1	74		23.91	24.18	24.29		
15	36	0		22.05	22.33	22.27		
15	36	20		22.05	22.41	22.33		
15	36	39		22.09	22.49	22.34		
15	75	0		22.15	22.47	22.27		
15	1	0	16-QAM	22.18	22.52	22.45	21.42	0.1387
15	1	37		22.06	22.34	22.33		
15	1	74		22.19	22.50	22.49		
15	36	0		21.08	21.51	21.38		
15	36	20		21.10	21.45	21.32		
15	36	39		21.14	21.48	21.40		
15	75	0		21.17	21.46	21.37		
15	1	0	64-QAM	21.01	21.32	21.23	20.25	0.1059
15	1	37		20.85	21.25	21.22		
15	1	74		20.90	21.33	21.35		
15	36	0		20.17	20.53	20.47		
15	36	20		20.09	20.50	20.41		
15	36	39		20.12	20.58	20.50		
15	75	0		20.13	20.53	20.42		
15	1	0	256-QAM	17.96	18.44	18.28	17.34	0.0542
15	1	37		17.93	18.29	18.16		
15	1	74		17.99	18.39	18.36		
15	36	0		17.31	17.61	17.45		
15	36	20		17.14	17.51	17.51		
15	36	39		17.24	17.57	17.54		
15	75	0		17.14	17.56	17.49		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.18	24.44	24.43	23.34	0.2158
10	1	25		23.89	24.20	24.16		
10	1	49		23.88	24.18	24.26		
10	25	0		22.02	22.29	22.28		
10	25	12		22.00	22.39	22.33		
10	25	25		22.13	22.41	22.36		
10	50	0		22.16	22.47	22.31		
10	1	0	16-QAM	22.25	22.50	22.39	21.42	0.1387
10	1	25		22.04	22.32	22.27		
10	1	49		22.14	22.52	22.48		
10	25	0		21.14	21.47	21.42		
10	25	12		21.07	21.45	21.32		
10	25	25		21.18	21.45	21.43		
10	50	0		21.23	21.52	21.38		
10	1	0	64-QAM	21.00	21.32	21.20	20.30	0.1072
10	1	25		20.85	21.26	21.15		
10	1	49		20.93	21.29	21.40		
10	25	0		20.17	20.51	20.41		
10	25	12		20.17	20.54	20.40		
10	25	25		20.21	20.59	20.43		
10	50	0		20.19	20.52	20.50		
10	1	0	256-QAM	18.03	18.37	18.34	17.32	0.0540
10	1	25		17.94	18.34	18.18		
10	1	49		18.02	18.39	18.42		
10	25	0		17.21	17.60	17.48		
10	25	12		17.15	17.52	17.53		
10	25	25		17.20	17.57	17.51		
10	50	0		17.18	17.61	17.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.13	24.45	24.35	23.35	0.2163
5	1	12		23.87	24.18	24.15		
5	1	24		23.87	24.21	24.31		
5	12	0		21.95	22.35	22.22		
5	12	7		22.06	22.43	22.36		
5	12	13		22.09	22.49	22.37		
5	25	0		22.17	22.42	22.35		
5	1	0	16-QAM	22.18	22.52	22.43	21.42	0.1387
5	1	12		22.10	22.36	22.33		
5	1	24		22.18	22.52	22.46		
5	12	0		21.06	21.43	21.38		
5	12	7		21.13	21.55	21.35		
5	12	13		21.15	21.50	21.36		
5	25	0		21.13	21.54	21.39		
5	1	0	64-QAM	21.00	21.37	21.20	20.27	0.1064
5	1	12		20.83	21.29	21.17		
5	1	24		20.94	21.31	21.35		
5	12	0		20.11	20.52	20.44		
5	12	7		20.09	20.53	20.41		
5	12	13		20.19	20.53	20.43		
5	25	0		20.20	20.49	20.46		
5	1	0	256-QAM	17.99	18.45	18.26	17.36	0.0545
5	1	12		17.89	18.39	18.21		
5	1	24		18.02	18.43	18.46		
5	12	0		17.26	17.56	17.44		
5	12	7		17.18	17.58	17.49		
5	12	13		17.25	17.66	17.54		
5	25	0		17.16	17.53	17.47		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.67	26.02	26.01	24.92	0.3105
20	1	49		25.52	25.83	25.91		
20	1	99		25.67	25.91	25.97		
20	50	0		23.77	24.02	24.12		
20	50	24		23.72	24.02	24.11		
20	50	50		23.76	24.00	24.10		
20	100	0		23.73	23.99	24.10		
20	1	0	16-QAM	23.65	24.26	24.20	23.16	0.2070
20	1	49		23.51	23.94	24.02		
20	1	99		23.73	24.03	24.16		
20	50	0		22.67	23.03	23.07		
20	50	24		22.67	23.06	23.08		
20	50	50		22.71	23.01	23.07		
20	100	0		22.73	23.06	23.07		
20	1	0	64-QAM	22.66	23.26	23.24	22.17	0.1648
20	1	49		22.54	23.10	23.21		
20	1	99		22.70	23.17	23.27		
20	50	0		21.78	22.05	22.14		
20	50	24		21.80	22.12	22.17		
20	50	50		21.83	22.09	22.25		
20	100	0		21.85	22.09	22.19		
20	1	0	256-QAM	19.75	20.33	20.30	19.27	0.0845
20	1	49		19.54	20.14	20.26		
20	1	99		19.70	20.21	20.37		
20	50	0		18.79	19.05	19.18		
20	50	24		18.90	19.15	19.24		
20	50	50		18.86	19.13	19.34		
20	100	0		18.90	19.16	19.27		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.66	25.96	25.97	24.87	0.3069
15	1	37		25.42	25.77	25.83		
15	1	74		25.58	25.82	25.97		
15	36	0		23.68	23.96	24.05		
15	36	20		23.68	23.94	24.07		
15	36	39		23.69	23.97	24.08		
15	75	0		23.71	23.91	24.08		
15	1	0	16-QAM	23.57	24.20	24.10	23.10	0.2042
15	1	37		23.45	23.88	24.00		
15	1	74		23.67	23.96	24.13		
15	36	0		22.60	22.96	22.99		
15	36	20		22.67	22.97	22.98		
15	36	39		22.66	22.98	23.02		
15	75	0		22.70	23.02	23.03		
15	1	0	64-QAM	22.63	23.17	23.21	22.11	0.1626
15	1	37		22.54	23.03	23.16		
15	1	74		22.66	23.12	23.20		
15	36	0		21.75	21.95	22.11		
15	36	20		21.72	22.08	22.12		
15	36	39		21.73	22.09	22.16		
15	75	0		21.77	22.05	22.12		
15	1	0	256-QAM	19.65	20.26	20.27	19.22	0.0836
15	1	37		19.47	20.14	20.18		
15	1	74		19.70	20.18	20.32		
15	36	0		18.78	18.99	19.09		
15	36	20		18.83	19.11	19.20		
15	36	39		18.86	19.09	19.29		
15	75	0		18.83	19.12	19.20		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.65	26.01	26.00	24.91	0.3097
10	1	25		25.47	25.80	25.91		
10	1	49		25.58	25.81	25.87		
10	25	0		23.70	24.02	24.11		
10	25	12		23.62	23.92	24.10		
10	25	25		23.72	23.94	24.01		
10	50	0		23.70	23.90	24.10		
10	1	0	16-QAM	23.63	24.17	24.14	23.07	0.2028
10	1	25		23.51	23.85	23.97		
10	1	49		23.64	23.94	24.11		
10	25	0		22.67	23.02	23.05		
10	25	12		22.62	23.04	22.99		
10	25	25		22.66	22.93	23.07		
10	50	0		22.64	22.97	23.05		
10	1	0	64-QAM	22.58	23.24	23.24	22.14	0.1637
10	1	25		22.52	23.04	23.17		
10	1	49		22.65	23.15	23.18		
10	25	0		21.71	21.95	22.12		
10	25	12		21.80	22.02	22.16		
10	25	25		21.74	22.08	22.23		
10	50	0		21.76	21.99	22.12		
10	1	0	256-QAM	19.67	20.27	20.22	19.22	0.0836
10	1	25		19.50	20.13	20.22		
10	1	49		19.61	20.19	20.32		
10	25	0		18.79	19.05	19.16		
10	25	12		18.82	19.15	19.16		
10	25	25		18.77	19.05	19.28		
10	50	0		18.85	19.08	19.20		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.61	25.94	25.95	24.87	0.3069
5	1	12		25.51	25.75	25.87		
5	1	24		25.57	25.86	25.97		
5	12	0		23.74	23.99	24.10		
5	12	7		23.68	24.02	24.10		
5	12	13		23.71	23.97	24.02		
5	25	0		23.69	23.99	24.07		
5	1	0	16-QAM	23.65	24.26	24.19	23.16	0.2070
5	1	12		23.50	23.84	23.98		
5	1	24		23.68	24.02	24.12		
5	12	0		22.66	23.01	23.06		
5	12	7		22.57	23.06	23.03		
5	12	13		22.61	22.95	23.03		
5	25	0		22.66	23.00	23.00		
5	1	0	64-QAM	22.58	23.25	23.14	22.15	0.1641
5	1	12		22.52	23.03	23.16		
5	1	24		22.69	23.12	23.22		
5	12	0		21.77	22.05	22.12		
5	12	7		21.73	22.09	22.10		
5	12	13		21.76	22.01	22.25		
5	25	0		21.82	22.04	22.12		
5	1	0	256-QAM	19.69	20.26	20.25	19.27	0.0845
5	1	12		19.45	20.04	20.26		
5	1	24		19.66	20.16	20.37		
5	12	0		18.75	19.04	19.10		
5	12	7		18.87	19.14	19.24		
5	12	13		18.84	19.06	19.27		
5	25	0		18.81	19.10	19.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.81	23.82	23.54	23.72	0.2355
20	1	49		23.73	23.67	23.46		
20	1	99		23.55	23.44	23.29		
20	50	0		22.75	22.76	22.50		
20	50	24		22.73	22.62	22.45		
20	50	50		22.66	22.55	22.41		
20	100	0		22.70	22.71	22.44		
20	1	0	16-QAM	23.04	23.13	22.79	23.03	0.2009
20	1	49		22.98	22.98	22.63		
20	1	99		22.82	22.66	22.56		
20	50	0		20.79	20.67	20.50		
20	50	24		20.75	20.63	20.46		
20	50	50		20.70	20.56	20.42		
20	100	0		20.73	20.57	20.47		
20	1	0	64-QAM	22.06	21.97	21.77	21.96	0.1570
20	1	49		22.03	21.90	21.73		
20	1	99		21.80	21.64	21.57		
20	50	0		20.84	20.72	20.54		
20	50	24		20.78	20.66	20.52		
20	50	50		20.72	20.59	20.46		
20	100	0		20.77	20.62	20.48		
20	1	0	256-QAM	18.45	18.46	18.44	18.36	0.0685
20	1	49		18.33	18.41	18.34		
20	1	99		18.27	18.33	18.28		
20	50	0		17.36	17.36	17.35		
20	50	24		17.30	17.33	17.29		
20	50	50		17.27	17.28	17.25		
20	100	0		17.29	17.33	17.25		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.79	23.74	23.54	23.69	0.2339
15	1	37		23.66	23.67	23.45		
15	1	74		23.45	23.39	23.22		
15	36	0		22.67	22.68	22.46		
15	36	20		22.73	22.53	22.41		
15	36	39		22.58	22.53	22.39		
15	75	0		22.60	22.57	22.41		
15	1	0	16-QAM	22.96	23.13	22.76	23.03	0.2009
15	1	37		22.91	22.93	22.59		
15	1	74		22.74	22.61	22.47		
15	36	0		20.76	20.58	20.40		
15	36	20		20.72	20.57	20.43		
15	36	39		20.64	20.54	20.39		
15	75	0		20.64	20.56	20.37		
15	1	0	64-QAM	22.02	21.96	21.71	21.92	0.1556
15	1	37		21.95	21.86	21.73		
15	1	74		21.76	21.59	21.56		
15	36	0		20.75	20.65	20.48		
15	36	20		20.68	20.63	20.43		
15	36	39		20.62	20.53	20.45		
15	75	0		20.74	20.62	20.40		
15	1	0	256-QAM	18.39	18.46	18.39	18.36	0.0685
15	1	37		18.30	18.33	18.29		
15	1	74		18.24	18.24	18.27		
15	36	0		17.26	17.35	17.31		
15	36	20		17.30	17.27	17.23		
15	36	39		17.21	17.24	17.24		
15	75	0		17.20	17.23	17.19		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.73	23.73	23.44	23.63	0.2307
10	1	25		23.72	23.63	23.40		
10	1	49		23.50	23.34	23.29		
10	25	0		22.70	22.59	22.40		
10	25	12		22.66	22.60	22.35		
10	25	25		22.58	22.49	22.40		
10	50	0		22.68	22.61	22.44		
10	1	0	16-QAM	23.04	23.13	22.70	23.03	0.2009
10	1	25		22.98	22.92	22.58		
10	1	49		22.79	22.60	22.54		
10	25	0		20.76	20.61	20.45		
10	25	12		20.67	20.60	20.43		
10	25	25		20.66	20.54	20.34		
10	50	0		20.67	20.51	20.39		
10	1	0	64-QAM	22.00	21.96	21.70	21.90	0.1549
10	1	25		21.98	21.90	21.73		
10	1	49		21.75	21.63	21.50		
10	25	0		20.79	20.70	20.50		
10	25	12		20.77	20.58	20.48		
10	25	25		20.72	20.50	20.41		
10	50	0		20.67	20.57	20.44		
10	1	0	256-QAM	18.43	18.38	18.35	18.33	0.0681
10	1	25		18.32	18.32	18.30		
10	1	49		18.19	18.26	18.26		
10	25	0		17.33	17.29	17.34		
10	25	12		17.22	17.25	17.20		
10	25	25		17.18	17.19	17.22		
10	50	0		17.19	17.31	17.16		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.81	23.74	23.44	23.71	0.2350
5	1	12		23.69	23.59	23.45		
5	1	24		23.53	23.43	23.23		
5	12	0		22.68	22.60	22.50		
5	12	7		22.71	22.58	22.41		
5	12	13		22.56	22.51	22.32		
5	25	0		22.61	22.61	22.34		
5	1	0	16-QAM	22.97	23.10	22.78	23.00	0.1995
5	1	12		22.88	22.90	22.53		
5	1	24		22.81	22.60	22.52		
5	12	0		20.75	20.63	20.48		
5	12	7		20.65	20.56	20.37		
5	12	13		20.68	20.49	20.40		
5	25	0		20.70	20.57	20.43		
5	1	0	64-QAM	22.02	21.89	21.76	21.92	0.1556
5	1	12		22.00	21.88	21.63		
5	1	24		21.78	21.55	21.54		
5	12	0		20.74	20.69	20.51		
5	12	7		20.75	20.65	20.49		
5	12	13		20.66	20.50	20.45		
5	25	0		20.71	20.61	20.47		
5	1	0	256-QAM	18.38	18.45	18.40	18.35	0.0684
5	1	12		18.30	18.41	18.34		
5	1	24		18.22	18.29	18.20		
5	12	0		17.35	17.32	17.32		
5	12	7		17.21	17.32	17.23		
5	12	13		17.23	17.19	17.20		
5	25	0		17.28	17.24	17.19		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.74	23.73	23.51	23.64	0.2312
3	1	8		23.65	23.66	23.41		
3	1	14		23.52	23.44	23.25		
3	8	0		22.66	22.62	22.42		
3	8	4		22.69	22.60	22.36		
3	8	7		22.58	22.52	22.37		
3	15	0		22.60	22.55	22.35		
3	1	0	16-QAM	23.00	23.09	22.75	22.99	0.1991
3	1	8		22.88	22.93	22.54		
3	1	14		22.81	22.63	22.51		
3	8	0		20.72	20.63	20.46		
3	8	4		20.67	20.58	20.38		
3	8	7		20.60	20.47	20.36		
3	15	0		20.64	20.47	20.38		
3	1	0	64-QAM	22.05	21.87	21.75	21.95	0.1567
3	1	8		21.93	21.86	21.66		
3	1	14		21.75	21.61	21.53		
3	8	0		20.76	20.69	20.51		
3	8	4		20.73	20.63	20.47		
3	8	7		20.65	20.49	20.45		
3	15	0		20.69	20.57	20.39		
3	1	0	256-QAM	18.44	18.44	18.42	18.34	0.0682
3	1	8		18.33	18.33	18.27		
3	1	14		18.21	18.24	18.23		
3	8	0		17.33	17.32	17.33		
3	8	4		17.26	17.23	17.21		
3	8	7		17.24	17.27	17.22		
3	15	0		17.21	17.24	17.15		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.72	23.63	23.44	23.66	0.2323
1.4	1	3		23.58	23.41	23.25		
1.4	1	5		23.76	23.61	23.42		
1.4	3	0		23.73	23.62	23.38		
1.4	3	1		23.71	23.57	23.34		
1.4	3	3		23.69	23.60	23.37		
1.4	6	0		22.77	22.63	22.44		
1.4	1	0	16-QAM	22.97	22.78	22.74	22.87	0.1936
1.4	1	3		22.80	22.61	22.51		
1.4	1	5		22.86	22.77	22.72		
1.4	3	0		22.81	22.69	22.64		
1.4	3	1		22.80	22.65	22.55		
1.4	3	3		22.79	22.61	22.53		
1.4	6	0		20.86	20.85	20.86		
1.4	1	0	64-QAM	21.86	21.67	21.64	21.85	0.1531
1.4	1	3		21.71	21.55	21.60		
1.4	1	5		21.85	21.71	21.70		
1.4	3	0		21.95	21.79	21.69		
1.4	3	1		21.86	21.69	21.61		
1.4	3	3		21.77	21.66	21.56		
1.4	6	0		20.79	20.60	20.50		
1.4	1	0	256-QAM	18.40	18.41	18.42	18.32	0.0679
1.4	1	3		18.33	18.38	18.32		
1.4	1	5		18.25	18.29	18.25		
1.4	3	0		18.33	18.29	18.34		
1.4	3	1		18.29	18.27	18.24		
1.4	3	3		18.25	18.19	18.23		
1.4	6	0		17.20	17.29	17.16		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.90	24.92	24.61	14.97	0.0314
20	1	49		24.88	24.67	24.57		
20	1	99		24.77	24.53	24.43		
20	50	0		23.93	23.96	23.58		
20	50	24		23.91	23.70	23.54		
20	50	50		23.82	23.64	23.52		
20	100	0		23.88	23.89	23.54		
20	1	0	16-QAM	24.17	24.06	23.98	14.31	0.0270
20	1	49		24.26	24.21	24.16		
20	1	99		24.18	24.03	23.91		
20	50	0		22.91	22.76	22.60		
20	50	24		22.91	22.75	22.62		
20	50	50		22.88	22.73	22.57		
20	100	0		22.89	22.70	22.59		
20	1	0	64-QAM	23.10	22.93	22.94	13.22	0.0210
20	1	49		23.11	22.86	22.97		
20	1	99		23.17	22.92	22.87		
20	50	0		21.95	21.81	21.65		
20	50	24		21.95	21.83	21.65		
20	50	50		21.91	21.77	21.59		
20	100	0		21.91	21.73	21.64		
20	1	0	256-QAM	19.86	19.92	19.89	9.97	0.0099
20	1	49		19.80	19.89	19.89		
20	1	99		19.61	19.61	19.60		
20	50	0		19.80	19.88	19.83		
20	50	24		19.73	19.81	19.77		
20	50	50		19.68	19.69	19.63		
20	100	0		19.76	19.85	19.80		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.87	24.72	24.54	14.96	0.0313
15	1	37		24.91	24.81	24.63		
15	1	74		24.87	24.68	24.50		
15	36	0		23.94	23.74	23.51		
15	36	20		23.93	23.72	23.53		
15	36	39		23.88	23.63	23.50		
15	75	0		23.92	23.64	23.51		
15	1	0	16-QAM	24.25	24.13	23.95	14.36	0.0273
15	1	37		24.31	24.08	24.00		
15	1	74		24.24	24.04	23.87		
15	36	0		22.96	22.73	22.60		
15	36	20		22.92	22.74	22.57		
15	36	39		22.90	22.74	22.59		
15	75	0		22.91	22.70	22.58		
15	1	0	64-QAM	23.06	22.91	22.92	13.14	0.0206
15	1	37		23.09	22.99	22.80		
15	1	74		23.02	22.92	22.72		
15	36	0		21.98	21.80	21.64		
15	36	20		21.95	21.78	21.59		
15	36	39		21.93	21.79	21.59		
15	75	0		21.89	21.70	21.53		
15	1	0	256-QAM	19.76	19.90	19.82	9.95	0.0099
15	1	37		19.75	19.85	19.79		
15	1	74		19.61	19.55	19.55		
15	36	0		19.75	19.83	19.78		
15	36	20		19.64	19.80	19.77		
15	36	39		19.67	19.60	19.54		
15	75	0		19.69	19.82	19.76		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.91	24.74	24.40	14.96	0.0313
10	1	25		24.79	24.54	24.29		
10	1	49		24.80	24.57	24.36		
10	25	0		24.02	23.83	23.54		
10	25	12		23.95	23.79	23.55		
10	25	25		23.94	23.73	23.52		
10	50	0		24.00	23.76	23.53		
10	1	0	16-QAM	24.27	24.03	23.79	14.32	0.0270
10	1	25		24.21	23.99	23.76		
10	1	49		24.25	24.14	23.76		
10	25	0		23.02	22.81	22.56		
10	25	12		23.02	22.82	22.58		
10	25	25		22.99	22.81	22.57		
10	50	0		23.00	22.79	22.55		
10	1	0	64-QAM	23.12	22.91	22.66	13.24	0.0211
10	1	25		23.15	22.82	22.60		
10	1	49		23.19	22.95	22.63		
10	25	0		21.98	21.81	21.55		
10	25	12		22.02	21.80	21.53		
10	25	25		21.98	21.77	21.52		
10	50	0		22.08	21.83	21.57		
10	1	0	256-QAM	19.82	19.85	19.82	9.93	0.0098
10	1	25		19.79	19.87	19.85		
10	1	49		19.61	19.54	19.55		
10	25	0		19.75	19.88	19.75		
10	25	12		19.69	19.74	19.77		
10	25	25		19.65	19.69	19.57		
10	50	0		19.75	19.83	19.80		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.87	24.84	24.49	14.94	0.0312
5	1	12		24.89	24.88	24.54		
5	1	24		24.88	24.84	24.51		
5	12	0		23.99	23.87	23.53		
5	12	7		23.99	23.86	23.52		
5	12	13		24.00	23.84	23.50		
5	25	0		23.93	23.83	23.47		
5	1	0	16-QAM	24.30	24.16	23.92	14.45	0.0279
5	1	12		24.40	24.19	23.89		
5	1	24		24.39	24.20	23.89		
5	12	0		22.97	22.86	22.55		
5	12	7		23.01	22.86	22.57		
5	12	13		23.02	22.86	22.54		
5	25	0		23.00	22.85	22.53		
5	1	0	64-QAM	23.07	22.94	22.69	13.19	0.0208
5	1	12		23.10	22.98	22.80		
5	1	24		23.14	22.91	22.69		
5	12	0		22.04	21.89	21.60		
5	12	7		22.07	21.90	21.62		
5	12	13		22.09	21.93	21.61		
5	25	0		21.97	21.87	21.49		
5	1	0	256-QAM	19.77	19.84	19.84	9.89	0.0097
5	1	12		19.78	19.84	19.79		
5	1	24		19.61	19.60	19.57		
5	12	0		19.78	19.82	19.82		
5	12	7		19.65	19.80	19.69		
5	12	13		19.61	19.64	19.63		
5	25	0		19.75	19.76	19.74		
Limit	ERP < 3W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.16	22.20	22.30	17.50	0.0562
10+10	1	0	1	49		16.01	16.05	15.98		
10+10	1	49	1	0		24.12	24.15	24.13		
10+10	50	0	50	0	16-QAM	21.27	21.28	21.27	16.93	0.0493
10+10	1	0	1	49		16.41	16.47	16.52		
10+10	1	49	1	0		23.58	23.44	23.46		
10+10	50	0	50	0	64-QAM	21.26	21.32	21.20	14.82	0.0303
10+10	1	0	1	49		16.40	16.46	16.42		
10+10	1	49	1	0		21.38	21.35	21.47		
10+10	50	0	50	0	256-QAM	19.15	19.16	19.21	12.75	0.0188
10+10	1	0	1	49		16.46	16.40	16.24		
10+10	1	49	1	0		19.40	19.34	19.34		
10+5	50	0	25	0	QPSK	22.06	22.08	22.13	17.23	0.0528
10+5	1	0	1	24		13.99	13.98	14.15		
10+5	1	49	1	0		23.88	23.82	23.83		
10+5	50	0	25	0	16-QAM	21.11	21.28	21.12	16.72	0.0470
10+5	1	0	1	24		14.41	14.36	14.57		
10+5	1	49	1	0		23.37	23.27	23.24		
10+5	50	0	25	0	64-QAM	21.05	21.07	21.13	14.71	0.0296
10+5	1	0	1	24		14.39	14.38	14.58		
10+5	1	49	1	0		21.22	21.36	21.25		
10+5	50	0	25	0	256-QAM	18.98	19.02	19.14	12.64	0.0184
10+5	1	0	1	24		14.31	14.43	14.48		
10+5	1	49	1	0		19.17	19.29	19.26		
5+10	25	0	50	0	QPSK	22.08	22.05	22.11	17.28	0.0535
5+10	1	0	1	49		14.00	13.93	14.12		
5+10	1	24	1	0		23.92	23.93	23.83		
5+10	25	0	50	0	16-QAM	21.11	21.08	21.13	16.79	0.0478
5+10	1	0	1	49		14.49	14.53	14.51		
5+10	1	24	1	0		23.33	23.44	23.27		
5+10	25	0	50	0	64-QAM	21.10	21.05	21.12	14.63	0.0290
5+10	1	0	1	49		14.22	14.31	14.52		
5+10	1	24	1	0		21.28	21.25	21.12		
5+10	25	0	50	0	256-QAM	19.10	18.97	19.08	12.67	0.0185
5+10	1	0	1	49		14.24	14.27	14.61		
5+10	1	24	1	0		19.32	19.18	19.29		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.59	23.41	23.35	17.29	0.0536
5+3	1	0	1	14		21.41	22.43	22.86		
5+3	1	24	1	0		23.94	23.86	23.44		
5+3	25	0	15	0	16-QAM	23.49	23.14	23.21	17.67	0.0585
5+3	1	0	1	14		22.58	23.35	23.48		
5+3	1	24	1	0		24.32	23.54	23.49		
5+3	25	0	15	0	64-QAM	23.43	23.22	23.04	17.43	0.0553
5+3	1	0	1	14		23.20	22.49	23.10		
5+3	1	24	1	0		24.08	23.62	23.23		
5+3	25	0	15	0	256-QAM	23.45	23.24	23.09	16.99	0.0500
5+3	1	0	1	14		21.85	22.32	22.76		
5+3	1	24	1	0		23.64	23.38	23.50		
3+5	15	0	25	0	QPSK	24.08	24.12	24.09	17.47	0.0558
3+5	1	0	1	24		14.57	14.31	14.35		
3+5	1	14	1	0		23.91	23.89	23.88		
3+5	15	0	25	0	16-QAM	24.17	24.14	24.08	17.59	0.0574
3+5	1	0	1	24		15.05	14.70	14.66		
3+5	1	14	1	0		24.20	24.18	24.24		
3+5	15	0	25	0	64-QAM	24.15	24.17	24.09	17.62	0.0578
3+5	1	0	1	24		14.95	14.74	14.74		
3+5	1	14	1	0		24.27	24.17	24.02		
3+5	15	0	25	0	256-QAM	24.38	24.18	24.20	17.73	0.0593
3+5	1	0	1	24		14.88	14.59	14.68		
3+5	1	14	1	0		24.33	24.24	24.10		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.56	21.63	21.27	23.47	0.2223
10+10	1	0	1	49		15.18	15.20	15.57		
10+10	1	49	1	0		22.31	23.57	23.57		
10+10	50	0	50	0	16-QAM	20.31	20.60	20.13	22.95	0.1972
10+10	1	0	1	49		15.61	15.50	16.03		
10+10	1	49	1	0		23.05	22.85	22.79		
10+10	50	0	50	0	64-QAM	20.60	20.12	20.73	20.96	0.1247
10+10	1	0	1	49		15.47	15.55	15.85		
10+10	1	49	1	0		21.06	20.91	20.86		
10+10	50	0	50	0	256-QAM	18.60	18.59	18.67	18.87	0.0771
10+10	1	0	1	49		15.39	15.30	15.75		
10+10	1	49	1	0		18.97	18.77	18.62		
15+5	75	0	25	0	QPSK	20.94	21.45	21.59	23.21	0.2094
15+5	1	0	1	24		15.37	14.98	15.43		
15+5	1	74	1	0		22.95	23.31	23.30		
15+5	75	0	25	0	16-QAM	20.50	20.43	20.53	22.75	0.1884
15+5	1	0	1	24		15.22	15.44	16.05		
15+5	1	74	1	0		22.81	22.85	22.68		
15+5	75	0	25	0	64-QAM	20.45	20.36	19.96	20.69	0.1172
15+5	1	0	1	24		15.36	15.31	15.85		
15+5	1	74	1	0		20.79	20.67	20.63		
15+5	75	0	25	0	256-QAM	18.50	18.44	18.55	18.69	0.0740
15+5	1	0	1	24		15.31	15.23	16.04		
15+5	1	74	1	0		18.79	18.56	18.48		
5+15	25	0	75	0	QPSK	21.39	21.35	21.52	23.38	0.2178
5+15	1	0	1	74		15.15	14.84	15.56		
5+15	1	24	1	0		23.48	23.27	22.65		
5+15	25	0	75	0	16-QAM	20.08	20.34	20.18	22.51	0.1782
5+15	1	0	1	74		15.52	15.41	15.42		
5+15	1	24	1	0		22.25	22.61	22.36		
5+15	25	0	75	0	64-QAM	20.45	20.39	20.60	20.68	0.1169
5+15	1	0	1	74		15.14	15.20	15.75		
5+15	1	24	1	0		20.70	20.78	19.98		
5+15	25	0	75	0	256-QAM	18.44	18.31	18.54	18.63	0.0729
5+15	1	0	1	74		15.23	14.98	15.85		
5+15	1	24	1	0		18.72	18.73	18.50		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.03	21.44	21.48	23.39	0.2183
10+5	1	0	1	24		13.10	13.23	13.62		
10+5	1	49	1	0		23.49	21.92	22.07		
10+5	50	0	25	0	16-QAM	20.43	20.41	20.52	22.91	0.1954
10+5	1	0	1	24		13.81	13.39	13.92		
10+5	1	49	1	0		23.01	22.89	22.05		
10+5	50	0	25	0	64-QAM	20.08	20.37	20.42	20.68	0.1169
10+5	1	0	1	24		13.34	13.45	13.66		
10+5	1	49	1	0		20.78	20.44	19.91		
10+5	50	0	25	0	256-QAM	18.44	18.40	18.58	18.68	0.0738
10+5	1	0	1	24		13.26	13.05	13.89		
10+5	1	49	1	0		18.78	18.43	18.62		
5+10	25	0	50	0	QPSK	21.27	20.91	21.24	23.08	0.2032
5+10	1	0	1	49		13.05	13.02	13.46		
5+10	1	24	1	0		23.09	23.18	23.04		
5+10	25	0	50	0	16-QAM	21.27	20.09	20.52	22.76	0.1888
5+10	1	0	1	49		13.71	13.73	13.63		
5+10	1	24	1	0		22.75	22.86	22.64		
5+10	25	0	50	0	64-QAM	20.44	20.09	20.62	20.79	0.1199
5+10	1	0	1	49		13.30	13.44	13.69		
5+10	1	24	1	0		20.89	20.65	20.52		
5+10	25	0	50	0	256-QAM	20.25	18.32	18.53	20.15	0.1035
5+10	1	0	1	49		13.46	13.39	13.43		
5+10	1	24	1	0		18.77	18.73	18.42		
5+5	25	0	25	0	QPSK	23.09	21.70	21.25	23.40	0.2188
5+5	1	0	1	24		23.46	14.99	15.23		
5+5	1	24	1	0		23.36	23.50	23.18		
5+5	25	0	25	0	16-QAM	23.11	21.29	21.43	23.79	0.2393
5+5	1	0	1	24		23.57	15.03	15.24		
5+5	1	24	1	0		23.89	23.22	23.24		
5+5	25	0	25	0	64-QAM	21.36	20.31	20.69	23.42	0.2198
5+5	1	0	1	24		23.52	15.53	15.66		
5+5	1	24	1	0		22.99	22.58	22.58		
5+5	25	0	25	0	256-QAM	21.14	20.24	20.27	22.56	0.1803
5+5	1	0	1	24		22.66	15.30	15.25		
5+5	1	24	1	0		22.65	20.53	20.42		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.42	21.59	21.88	24.23	0.2649
20+20	1	0	1	99		15.63	16.04	16.13		
20+20	1	99	1	0		23.33	23.22	24.33		
20+20	100	0	100	0	16-QAM	21.16	21.05	21.23	23.47	0.2223
20+20	1	0	1	99		15.92	16.38	16.57		
20+20	1	99	1	0		22.91	23.49	23.57		
20+20	100	0	100	0	64-QAM	20.76	21.07	21.28	21.38	0.1374
20+20	1	0	1	99		15.89	16.32	16.37		
20+20	1	99	1	0		20.65	21.36	21.48		
20+20	100	0	100	0	256-QAM	19.17	19.13	19.30	19.39	0.0869
20+20	1	0	1	99		16.02	16.44	16.34		
20+20	1	99	1	0		19.49	19.46	19.43		
20+15	100	0	75	0	QPSK	20.81	21.45	21.66	23.46	0.2218
20+15	1	0	1	74		15.13	15.39	15.66		
20+15	1	74	1	0		23.56	23.45	23.48		
20+15	100	0	75	0	16-QAM	20.46	20.12	20.56	22.66	0.1845
20+15	1	0	1	74		15.51	15.54	15.87		
20+15	1	74	1	0		22.67	22.47	22.76		
20+15	100	0	75	0	64-QAM	20.44	20.44	20.69	20.89	0.1227
20+15	1	0	1	74		15.27	15.88	15.57		
20+15	1	74	1	0		20.99	19.99	20.87		
20+15	100	0	75	0	256-QAM	18.53	18.44	18.64	19.63	0.0918
20+15	1	0	1	74		15.42	19.73	15.84		
20+15	1	74	1	0		18.75	18.74	18.67		
15+20	75	0	100	0	QPSK	21.15	23.14	20.90	23.35	0.2163
15+20	1	0	1	99		14.86	15.02	15.27		
15+20	1	74	1	0		22.86	22.69	23.45		
15+20	75	0	100	0	16-QAM	20.30	19.98	20.45	23.60	0.2291
15+20	1	0	1	99		23.17	23.70	15.81		
15+20	1	74	1	0		22.95	22.70	22.43		
15+20	75	0	100	0	64-QAM	20.27	19.82	20.38	20.70	0.1175
15+20	1	0	1	99		15.07	15.36	15.51		
15+20	1	74	1	0		20.63	19.92	20.80		
15+20	75	0	100	0	256-QAM	18.37	18.31	18.46	18.65	0.0733
15+20	1	0	1	99		15.37	15.51	15.76		
15+20	1	74	1	0		18.75	18.58	18.66		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.92	21.40	21.00	22.80	0.1905
20+10	1	0	1	49		15.09	15.08	15.43		
20+10	1	99	1	0		22.90	22.88	22.74		
20+10	100	0	50	0	16-QAM	20.52	20.06	20.46	22.83	0.1919
20+10	1	0	1	49		15.37	15.55	15.84		
20+10	1	99	1	0		22.93	22.82	22.66		
20+10	100	0	50	0	64-QAM	20.52	20.28	20.46	20.42	0.1102
20+10	1	0	1	49		15.51	15.58	15.88		
20+10	1	99	1	0		20.26	20.45	20.46		
20+10	100	0	50	0	256-QAM	18.46	18.28	18.02	18.74	0.0748
20+10	1	0	1	49		15.37	15.28	16.04		
20+10	1	99	1	0		18.84	18.65	18.55		
10+20	50	0	100	0	QPSK	20.84	21.29	21.52	23.35	0.2163
10+20	1	0	1	99		14.96	15.08	15.38		
10+20	1	49	1	0		22.64	22.00	23.45		
10+20	50	0	100	0	16-QAM	20.49	20.03	20.61	22.84	0.1923
10+20	1	0	1	99		15.37	15.22	15.63		
10+20	1	49	1	0		22.94	22.46	22.28		
10+20	50	0	100	0	64-QAM	20.13	20.38	20.23	20.76	0.1191
10+20	1	0	1	99		15.18	15.17	15.42		
10+20	1	49	1	0		20.86	20.71	19.88		
10+20	50	0	100	0	256-QAM	18.51	18.27	18.56	18.71	0.0743
10+20	1	0	1	99		15.07	15.27	15.84		
10+20	1	49	1	0		18.81	18.81	18.65		
20+5	100	0	25	0	QPSK	21.55	21.55	21.17	23.36	0.2168
20+5	1	0	1	24		15.39	15.28	15.57		
20+5	1	99	1	0		22.88	22.90	23.46		
20+5	100	0	25	0	16-QAM	20.54	20.52	20.61	22.80	0.1905
20+5	1	0	1	24		15.41	15.68	16.25		
20+5	1	99	1	0		22.51	22.90	21.73		
20+5	100	0	25	0	64-QAM	19.77	20.51	20.72	22.24	0.1675
20+5	1	0	1	24		15.59	15.51	16.08		
20+5	1	99	1	0		20.55	22.34	20.62		
20+5	100	0	25	0	256-QAM	18.58	18.45	18.70	18.74	0.0748
20+5	1	0	1	24		15.80	15.61	15.99		
20+5	1	99	1	0		18.84	18.76	18.57		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.05	20.90	20.67	24.29	0.2685
5+20	1	0	1	99		15.10	24.39	15.06		
5+20	1	24	1	0		23.50	22.79	23.36		
5+20	25	0	100	0	16-QAM	19.85	20.09	19.80	22.82	0.1914
5+20	1	0	1	99		15.51	15.37	15.90		
5+20	1	24	1	0		22.92	22.90	22.32		
5+20	25	0	100	0	64-QAM	20.18	21.30	19.98	21.85	0.1531
5+20	1	0	1	99		15.29	21.95	15.64		
5+20	1	24	1	0		20.90	20.66	20.77		
5+20	25	0	100	0	256-QAM	18.51	18.38	18.54	18.75	0.0750
5+20	1	0	1	99		15.04	15.27	15.51		
5+20	1	24	1	0		18.85	18.63	18.66		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG102843-05B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.02	21.38	21.66	23.46	0.2218
15+10	1	0	1	49		15.15	15.34	15.48		
15+10	1	74	1	0		23.56	23.43	23.47		
15+10	75	0	50	0	16-QAM	20.58	20.37	20.26	22.81	0.1910
15+10	1	0	1	49		15.89	15.52	15.80		
15+10	1	74	1	0		22.84	22.91	22.64		
15+10	75	0	50	0	64-QAM	20.59	20.47	20.62	20.79	0.1199
15+10	1	0	1	49		15.46	15.55	15.89		
15+10	1	74	1	0		20.89	20.73	20.13		
15+10	75	0	50	0	256-QAM	18.65	18.36	18.62	18.87	0.0771
15+10	1	0	1	49		15.50	15.50	15.55		
15+10	1	74	1	0		18.97	18.68	18.59		
10+15	50	0	75	0	QPSK	20.65	21.33	21.56	23.28	0.2128
10+15	1	0	1	74		14.95	15.25	15.20		
10+15	1	49	1	0		22.98	23.35	23.38		
10+15	50	0	75	0	16-QAM	20.27	20.43	20.54	22.94	0.1968
10+15	1	0	1	74		15.60	15.35	15.92		
10+15	1	49	1	0		23.04	22.49	22.82		
10+15	50	0	75	0	64-QAM	20.55	20.42	20.61	20.80	0.1202
10+15	1	0	1	74		15.41	15.37	15.47		
10+15	1	49	1	0		20.21	20.72	20.90		
10+15	50	0	75	0	256-QAM	18.55	18.31	18.60	18.78	0.0755
10+15	1	0	1	74		15.34	15.21	15.81		
10+15	1	49	1	0		18.88	18.54	18.71		
15+15	75	0	75	0	QPSK	21.15	23.14	21.45	24.30	0.2692
15+15	1	0	1	74		14.98	24.40	15.38		
15+15	1	74	1	0		23.36	24.13	23.37		
15+15	75	0	75	0	16-QAM	20.22	21.13	20.43	23.28	0.2128
15+15	1	0	1	74		15.39	23.38	15.78		
15+15	1	74	1	0		22.28	23.31	22.88		
15+15	75	0	75	0	64-QAM	20.26	21.14	20.49	22.55	0.1799
15+15	1	0	1	74		15.18	22.65	15.79		
15+15	1	74	1	0		20.78	21.78	20.62		
15+15	75	0	75	0	256-QAM	18.27	18.16	18.43	19.47	0.0885
15+15	1	0	1	74		15.35	19.57	15.64		
15+15	1	74	1	0		18.71	19.52	18.60		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.67	21.45	21.61	22.52	0.1786
20+20	1	0	1	99		14.68	14.95	15.11		
20+20	1	99	1	0		23.12	22.08	22.11		
20+20	100	0	100	0	16-QAM	20.75	21.08	21.56	23.11	0.2046
20+20	1	0	1	99		14.82	15.15	15.29		
20+20	1	99	1	0		23.71	23.60	23.70		
20+20	100	0	100	0	64-QAM	19.64	20.48	20.64	22.48	0.1770
20+20	1	0	1	99		14.94	15.33	15.62		
20+20	1	99	1	0		23.08	22.25	22.42		
20+20	100	0	100	0	256-QAM	19.61	20.49	20.64	20.40	0.1096
20+20	1	0	1	99		15.09	14.96	15.65		
20+20	1	99	1	0		21.00	20.28	20.29		
20+15	100	0	75	0	QPSK	21.32	21.38	20.90	22.72	0.1871
20+15	1	0	1	74		14.74	14.85	15.13		
20+15	1	99	1	0		23.31	23.27	23.32		
20+15	100	0	75	0	16-QAM	21.37	21.40	21.48	22.88	0.1941
20+15	1	0	1	74		14.88	14.79	15.27		
20+15	1	99	1	0		23.48	22.58	23.43		
20+15	100	0	75	0	64-QAM	20.19	20.21	20.49	22.21	0.1663
20+15	1	0	1	74		15.31	15.29	15.69		
20+15	1	99	1	0		22.76	22.81	21.94		
20+15	100	0	75	0	256-QAM	20.37	20.29	20.49	20.31	0.1074
20+15	1	0	1	74		14.91	15.29	15.65		
20+15	1	99	1	0		20.58	20.50	20.91		
15+20	75	0	100	0	QPSK	21.42	21.34	20.94	22.78	0.1897
15+20	1	0	1	99		14.71	14.83	15.02		
15+20	1	74	1	0		23.38	22.91	23.31		
15+20	75	0	100	0	16-QAM	20.83	21.44	20.92	22.98	0.1986
15+20	1	0	1	99		14.69	14.96	15.25		
15+20	1	74	1	0		23.39	23.58	23.50		
15+20	75	0	100	0	64-QAM	20.32	20.33	20.47	22.15	0.1641
15+20	1	0	1	99		15.02	15.19	15.50		
15+20	1	74	1	0		22.75	22.74	22.74		
15+20	75	0	100	0	256-QAM	20.33	20.33	20.48	20.19	0.1045
15+20	1	0	1	99		15.27	15.15	15.33		
15+20	1	74	1	0		20.75	20.79	20.66		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.84	21.50	21.61	22.83	0.1919
20+10	1	0	1	74		14.79	14.93	15.14		
20+10	1	99	1	0		23.27	22.90	23.43		
20+10	100	0	75	0	16-QAM	21.45	21.47	21.69	22.97	0.1982
20+10	1	0	1	74		14.91	15.15	15.51		
20+10	1	99	1	0		23.33	23.50	23.57		
20+10	100	0	75	0	64-QAM	20.45	20.48	20.10	22.21	0.1663
20+10	1	0	1	74		15.08	15.29	15.60		
20+10	1	99	1	0		22.77	22.81	22.24		
20+10	100	0	75	0	256-QAM	20.35	19.62	20.60	20.12	0.1028
20+10	1	0	1	74		15.07	15.37	15.73		
20+10	1	99	1	0		20.72	20.02	20.10		
10+20	75	0	100	0	QPSK	21.11	20.59	21.03	22.81	0.1910
10+20	1	0	1	99		14.64	14.62	15.01		
10+20	1	74	1	0		23.19	23.41	23.26		
10+20	75	0	100	0	16-QAM	21.27	20.61	21.50	22.84	0.1923
10+20	1	0	1	99		14.64	14.71	15.11		
10+20	1	74	1	0		23.39	23.44	23.43		
10+20	75	0	100	0	64-QAM	20.20	20.16	20.03	22.07	0.1611
10+20	1	0	1	99		15.17	15.13	15.35		
10+20	1	74	1	0		22.61	22.67	22.52		
10+20	75	0	100	0	256-QAM	20.34	19.90	19.95	20.13	0.1030
10+20	1	0	1	99		14.90	15.31	15.49		
10+20	1	74	1	0		20.53	20.24	20.73		
15+15	75	0	100	0	QPSK	20.85	21.41	21.65	22.90	0.1950
15+15	1	0	1	99		14.82	14.93	15.24		
15+15	1	74	1	0		23.50	23.48	22.15		
15+15	75	0	100	0	16-QAM	21.04	21.44	21.03	23.13	0.2056
15+15	1	0	1	99		14.86	14.98	15.35		
15+15	1	74	1	0		23.56	23.67	23.73		
15+15	75	0	100	0	64-QAM	20.10	20.56	20.69	22.35	0.1718
15+15	1	0	1	99		15.28	15.16	15.63		
15+15	1	74	1	0		22.95	22.11	22.91		
15+15	75	0	100	0	256-QAM	20.40	20.50	20.68	20.35	0.1084
15+15	1	0	1	99		15.20	15.30	15.51		
15+15	1	74	1	0		20.87	20.18	20.95		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	21.47	21.37	20.78	22.85	0.1928
15+10	1	0	1	99		14.85	14.88	15.00		
15+10	1	74	1	0		23.43	23.45	23.36		
15+10	75	0	100	0	16-QAM	21.49	20.86	21.42	23.00	0.1995
15+10	1	0	1	99		14.75	14.95	15.25		
15+10	1	74	1	0		23.45	23.60	23.55		
15+10	75	0	100	0	64-QAM	20.42	20.00	20.49	22.25	0.1679
15+10	1	0	1	99		15.29	15.30	15.37		
15+10	1	74	1	0		22.70	22.85	20.85		
15+10	75	0	100	0	256-QAM	20.39	20.41	20.47	20.23	0.1054
15+10	1	0	1	99		15.19	15.20	15.53		
15+10	1	74	1	0		20.70	20.72	20.83		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.36	21.74	21.84	22.76	0.1888
20+20	1	0	1	99		15.22	15.80	15.86		
20+20	1	99	1	0		23.24	23.66	23.86		
20+20	100	0	100	0	16-QAM	21.40	21.82	21.90	22.84	0.1923
20+20	1	0	1	99		15.27	15.86	15.89		
20+20	1	99	1	0		23.32	23.79	23.94		
20+20	100	0	100	0	64-QAM	20.44	20.81	20.92	21.95	0.1567
20+20	1	0	1	99		15.44	15.98	16.24		
20+20	1	99	1	0		22.60	22.90	23.05		
20+20	100	0	100	0	256-QAM	20.43	20.78	20.89	20.03	0.1007
20+20	1	0	1	99		15.66	16.13	16.23		
20+20	1	99	1	0		20.59	20.96	21.13		
20+15	100	0	75	0	QPSK	21.33	21.64	21.96	22.73	0.1875
20+15	1	0	1	74		15.20	15.63	15.85		
20+15	1	99	1	0		23.18	23.48	23.83		
20+15	100	0	75	0	16-QAM	21.26	21.61	21.95	22.80	0.1905
20+15	1	0	1	74		15.24	15.66	15.89		
20+15	1	99	1	0		23.25	23.55	23.90		
20+15	100	0	75	0	64-QAM	20.28	20.65	20.93	22.09	0.1618
20+15	1	0	1	74		15.51	16.01	16.25		
20+15	1	99	1	0		22.32	22.85	23.19		
20+15	100	0	75	0	256-QAM	20.27	20.61	20.89	20.04	0.1009
20+15	1	0	1	74		15.53	16.01	16.22		
20+15	1	99	1	0		20.52	20.84	21.14		
15+20	75	0	100	0	QPSK	21.24	21.62	21.85	22.66	0.1845
15+20	1	0	1	99		15.12	15.56	15.72		
15+20	1	74	1	0		23.10	23.55	23.76		
15+20	75	0	100	0	16-QAM	21.27	21.59	21.84	22.72	0.1871
15+20	1	0	1	99		15.12	15.65	15.76		
15+20	1	74	1	0		23.17	23.60	23.82		
15+20	75	0	100	0	64-QAM	20.15	20.59	20.81	21.92	0.1556
15+20	1	0	1	99		15.32	15.89	16.00		
15+20	1	74	1	0		22.36	22.83	23.02		
15+20	75	0	100	0	256-QAM	20.27	20.59	20.81	20.00	0.1000
15+20	1	0	1	99		15.39	16.03	15.95		
15+20	1	74	1	0		20.35	20.97	21.10		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.30	21.58	22.11	22.83	0.1919
20+10	1	0	1	49		15.23	15.58	15.96		
20+10	1	99	1	0		23.20	23.40	23.93		
20+10	100	0	50	0	16-QAM	21.30	21.56	22.10	22.88	0.1941
20+10	1	0	1	49		15.27	15.62	16.01		
20+10	1	99	1	0		23.26	23.49	23.98		
20+10	100	0	50	0	64-QAM	20.32	20.61	21.07	22.03	0.1596
20+10	1	0	1	49		15.57	15.97	16.21		
20+10	1	99	1	0		22.58	22.62	23.13		
20+10	100	0	50	0	256-QAM	20.30	20.58	21.04	20.04	0.1009
20+10	1	0	1	49		15.52	15.88	16.22		
20+10	1	99	1	0		20.54	20.70	21.14		
10+20	50	0	100	0	QPSK	21.26	21.71	21.95	22.71	0.1866
10+20	1	0	1	99		15.00	15.61	15.76		
10+20	1	49	1	0		23.15	23.56	23.81		
10+20	50	0	100	0	16-QAM	21.24	21.68	21.95	22.75	0.1884
10+20	1	0	1	99		15.22	15.68	15.80		
10+20	1	49	1	0		23.22	23.63	23.85		
10+20	50	0	100	0	64-QAM	20.29	20.70	20.90	22.01	0.1589
10+20	1	0	1	99		15.41	15.78	16.01		
10+20	1	49	1	0		22.55	22.75	23.11		
10+20	50	0	100	0	256-QAM	20.25	20.67	20.88	19.88	0.0973
10+20	1	0	1	99		15.46	15.89	16.01		
10+20	1	49	1	0		20.53	20.80	20.98		
20+5	100	0	25	0	QPSK	21.35	21.61	22.13	22.83	0.1919
20+5	1	0	1	24		15.42	15.72	16.18		
20+5	1	99	1	0		23.27	23.45	23.93		
20+5	100	0	25	0	16-QAM	21.37	21.62	22.14	22.87	0.1936
20+5	1	0	1	24		15.46	15.76	16.21		
20+5	1	99	1	0		23.28	23.48	23.97		
20+5	100	0	25	0	64-QAM	20.38	20.65	21.19	22.24	0.1675
20+5	1	0	1	24		15.81	16.30	16.60		
20+5	1	99	1	0		22.64	22.96	23.34		
20+5	100	0	25	0	256-QAM	20.42	20.65	21.18	20.47	0.1114
20+5	1	0	1	24		15.69	16.03	16.80		
20+5	1	99	1	0		20.68	20.97	21.57		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.29	21.64	21.97	22.75	0.1884
5+20	1	0	1	99		15.30	15.68	15.97		
5+20	1	24	1	0		23.20	23.54	23.85		
5+20	25	0	100	0	16-QAM	21.32	21.66	21.97	22.76	0.1888
5+20	1	0	1	99		15.28	15.67	15.95		
5+20	1	24	1	0		23.24	23.56	23.86		
5+20	25	0	100	0	64-QAM	20.32	20.69	20.98	22.22	0.1667
5+20	1	0	1	99		15.74	15.95	16.44		
5+20	1	24	1	0		22.71	22.96	23.32		
5+20	25	0	100	0	256-QAM	20.34	20.70	21.02	20.29	0.1069
5+20	1	0	1	99		15.72	16.31	16.48		
5+20	1	24	1	0		20.49	21.14	21.39		
15+10	75	0	50	0	QPSK	21.30	21.56	22.08	22.80	0.1905
15+10	1	0	1	49		15.18	15.54	15.71		
15+10	1	74	1	0		23.22	23.42	23.90		
15+10	75	0	50	0	16-QAM	21.28	21.54	22.06	22.88	0.1941
15+10	1	0	1	49		15.23	15.60	15.91		
15+10	1	74	1	0		23.27	23.48	23.98		
15+10	75	0	50	0	64-QAM	20.35	20.55	21.03	22.15	0.1641
15+10	1	0	1	49		15.34	15.91	16.20		
15+10	1	74	1	0		22.44	22.61	23.25		
15+10	75	0	50	0	256-QAM	20.30	20.54	20.95	20.36	0.1086
15+10	1	0	1	49		15.69	16.18	16.37		
15+10	1	74	1	0		20.75	20.95	21.46		
10+15	50	0	75	0	QPSK	21.20	21.76	22.05	22.77	0.1892
10+15	1	0	1	74		15.20	15.78	15.76		
10+15	1	49	1	0		23.04	23.62	23.87		
10+15	50	0	75	0	16-QAM	21.24	21.77	22.03	22.86	0.1932
10+15	1	0	1	74		15.22	15.81	15.83		
10+15	1	49	1	0		23.24	23.62	23.96		
10+15	50	0	75	0	64-QAM	20.23	20.79	20.99	22.13	0.1633
10+15	1	0	1	74		15.51	16.30	15.51		
10+15	1	49	1	0		22.55	22.91	23.23		
10+15	50	0	75	0	256-QAM	20.28	20.78	21.00	20.19	0.1045
10+15	1	0	1	74		15.76	16.06	16.48		
10+15	1	49	1	0		20.83	20.93	21.29		
Limit	EIRP < 2W					Result			Pass	



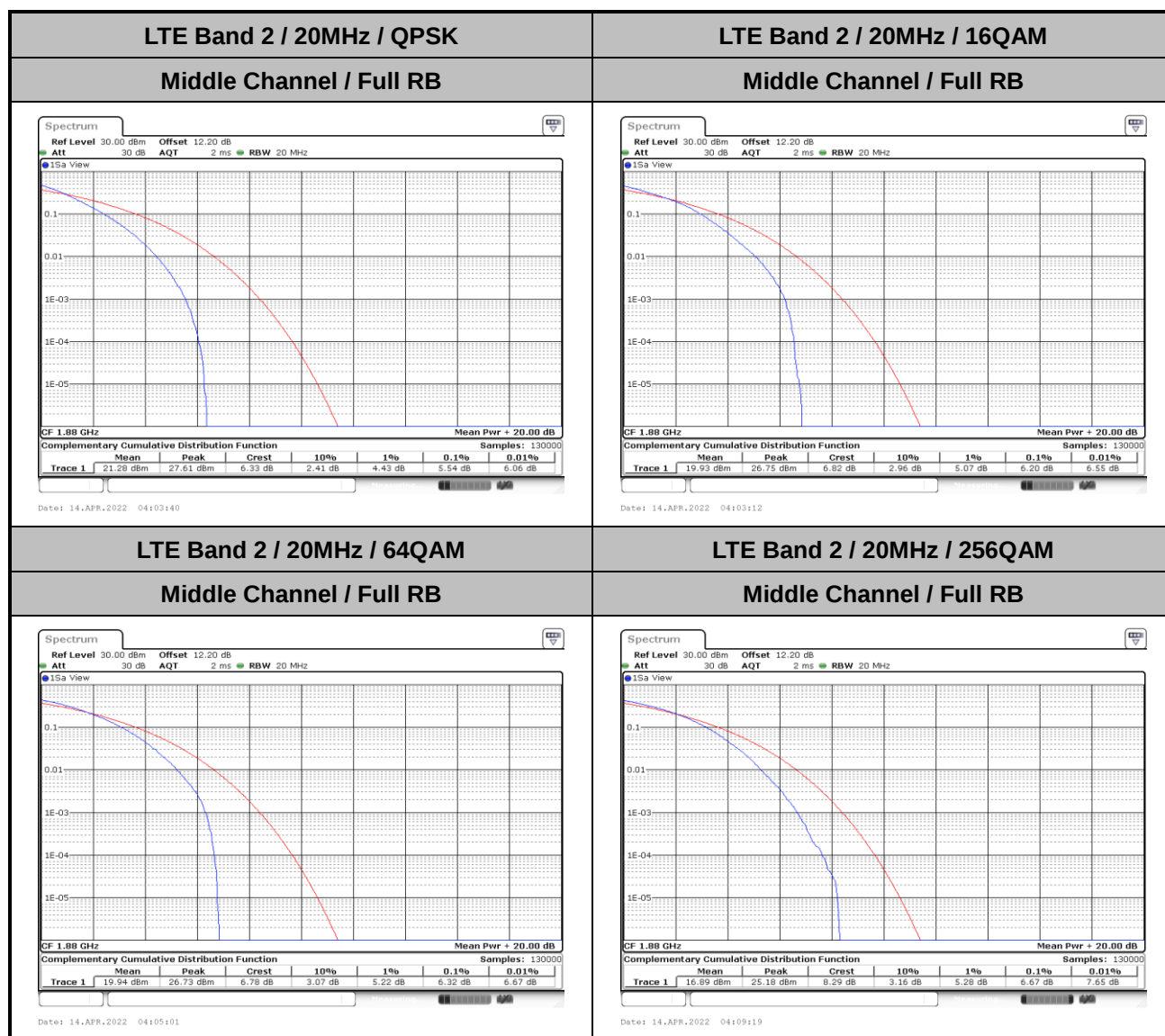
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.1 dB)										
15+15	75	0	75	0	QPSK	21.36	21.65	21.99	22.67	0.1849
15+15	1	0	1	74		15.27	15.65	15.90		
15+15	1	74	1	0		23.17	23.59	23.77		
15+15	75	0	75	0	16-QAM	21.37	21.68	21.94	22.78	0.1897
15+15	1	0	1	74		15.25	15.65	15.73		
15+15	1	74	1	0		23.33	23.66	23.88		
15+15	75	0	75	0	64-QAM	20.34	20.66	20.98	22.01	0.1589
15+15	1	0	1	74		15.51	15.88	15.92		
15+15	1	74	1	0		22.60	22.82	23.11		
15+15	75	0	75	0	256-QAM	20.36	20.70	20.99	19.90	0.0977
15+15	1	0	1	74		15.50	15.88	15.98		
15+15	1	74	1	0		20.62	20.90	21.00		
Limit	EIRP < 2W					Result			Pass	



LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.54	6.20	6.32	6.67	PASS



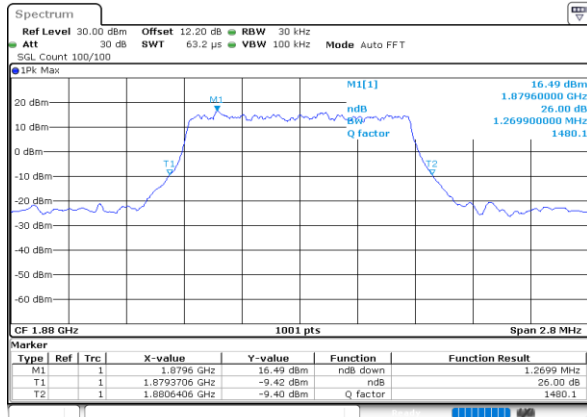
**26dB Bandwidth**

Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.33	3.12	3.06	5.08	5.18	9.73	10.09	14.78	14.48	19.02	19.70
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.31	1.27	3.02	3.02	5.18	5.09	10.21	10.07	14.75	14.66	18.66	19.46

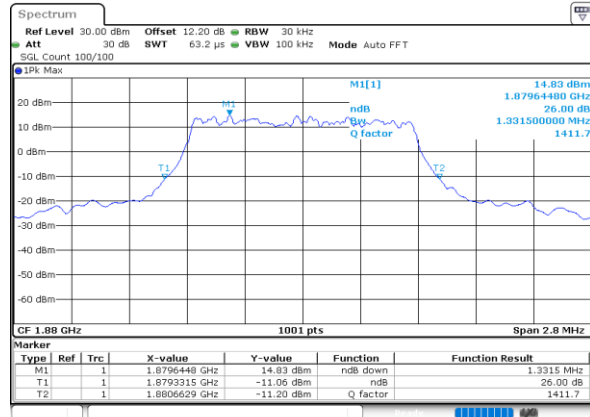


LTE Band 2

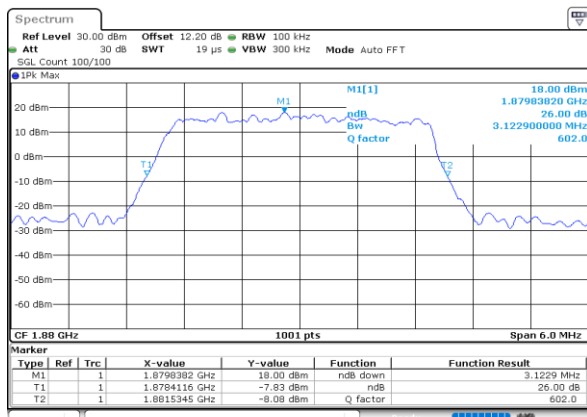
Middle Channel / 1.4MHz / QPSK



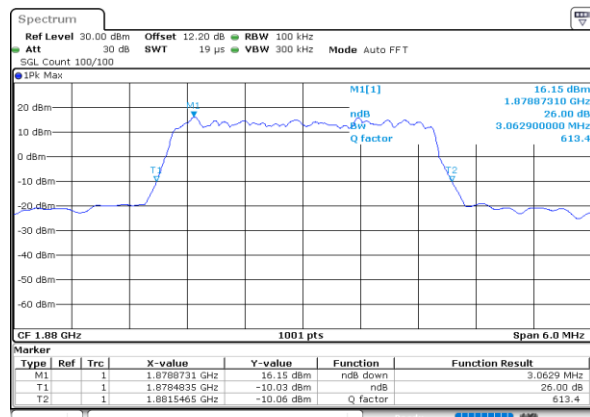
Middle Channel / 1.4MHz / 16QAM



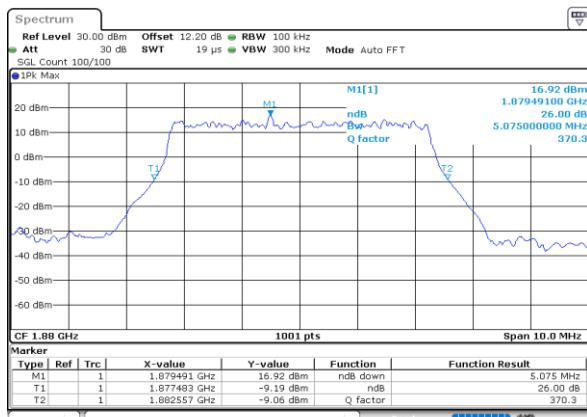
Middle Channel / 3MHz / QPSK



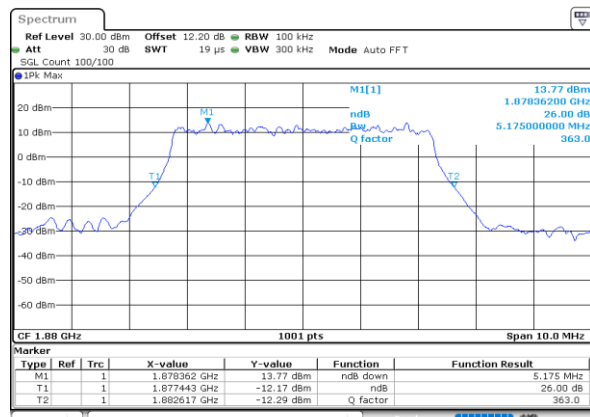
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



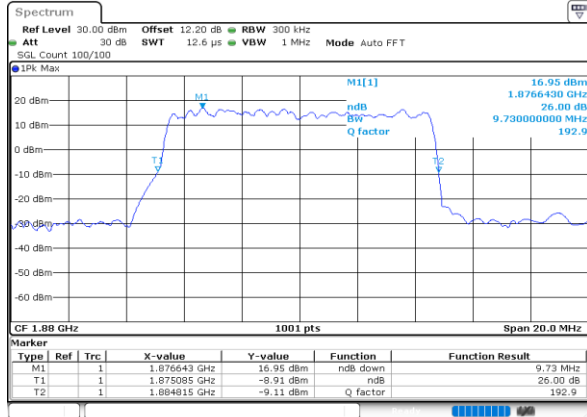
Middle Channel / 5MHz / 16QAM



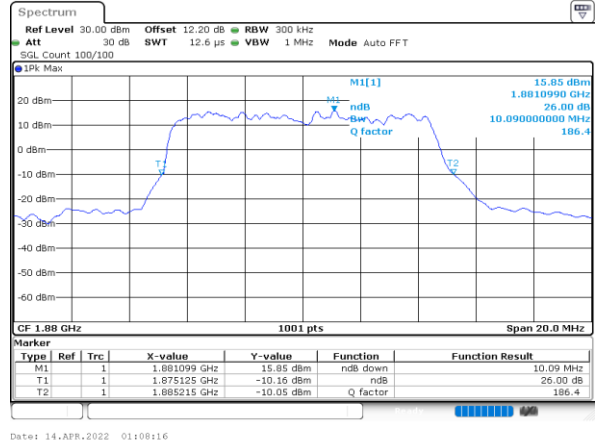


LTE Band 2

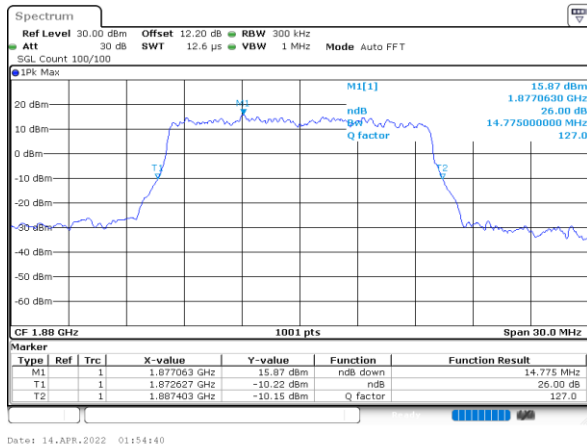
Middle Channel / 10MHz / QPSK



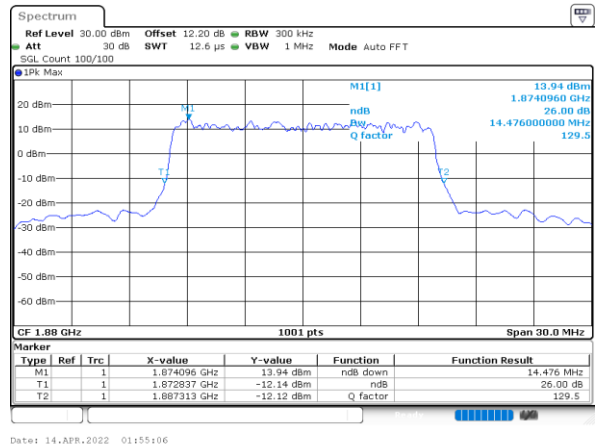
Middle Channel / 10MHz / 16QAM



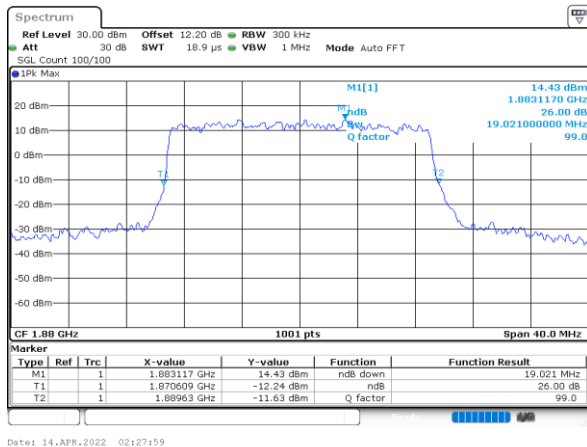
Middle Channel / 15MHz / QPSK



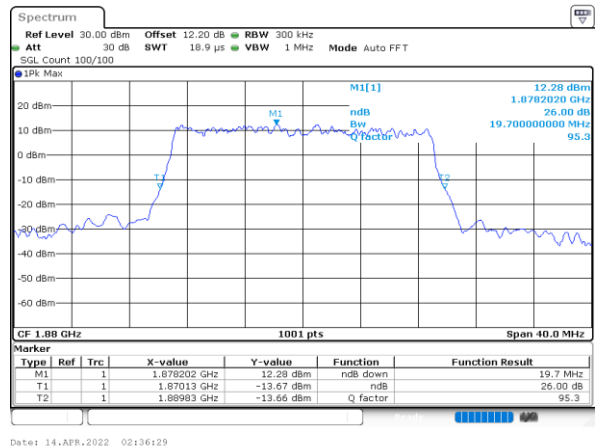
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



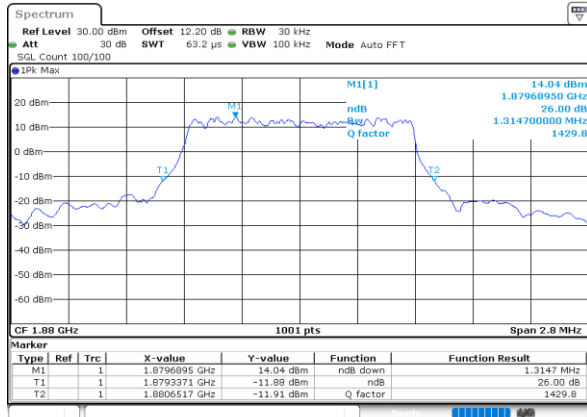
Middle Channel / 20MHz / 16QAM



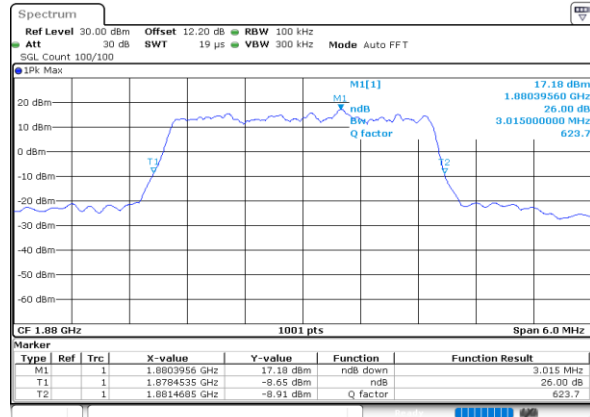


LTE Band 2

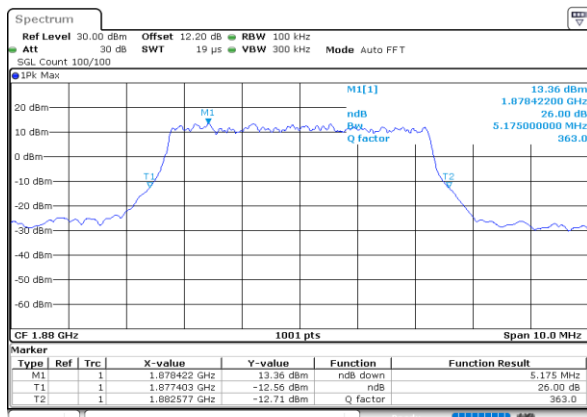
Middle Channel / 1.4MHz / 64QAM



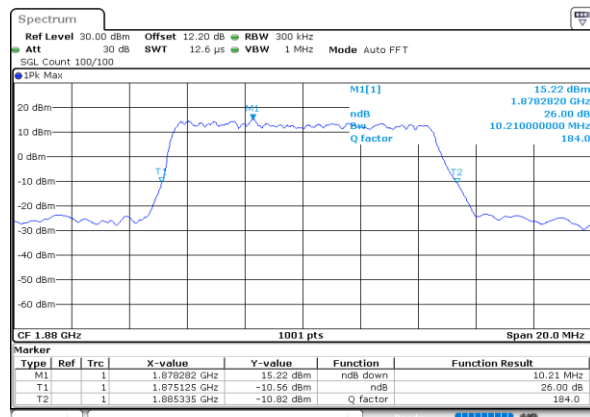
Middle Channel / 3MHz / 64QAM



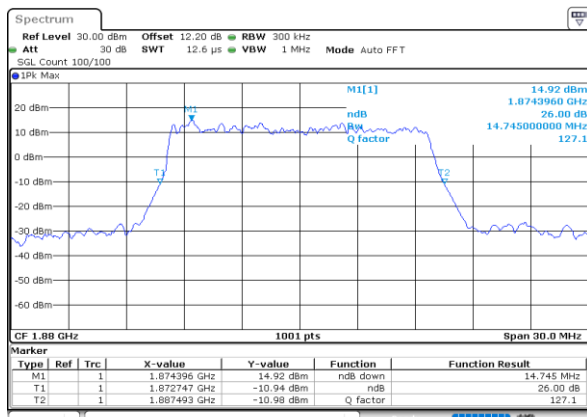
Middle Channel / 5MHz / 64QAM



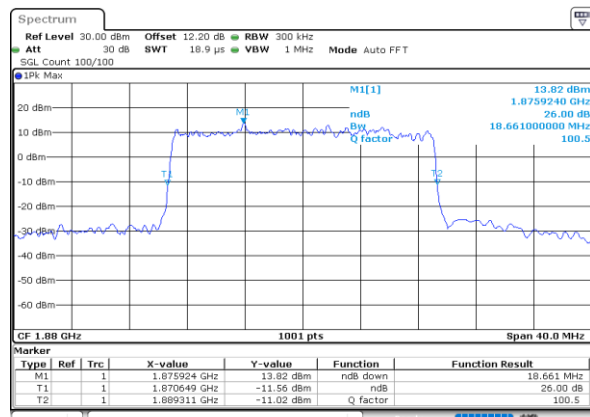
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



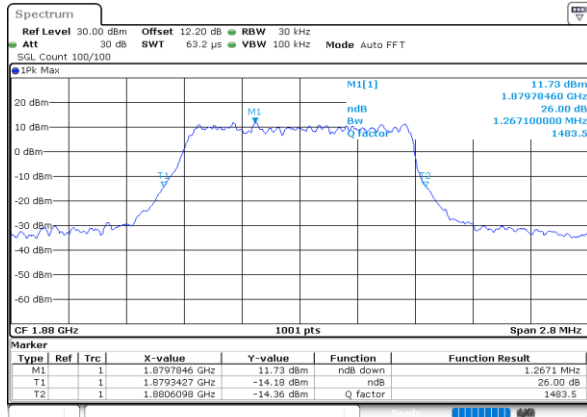
Middle Channel / 20MHz / 64QAM





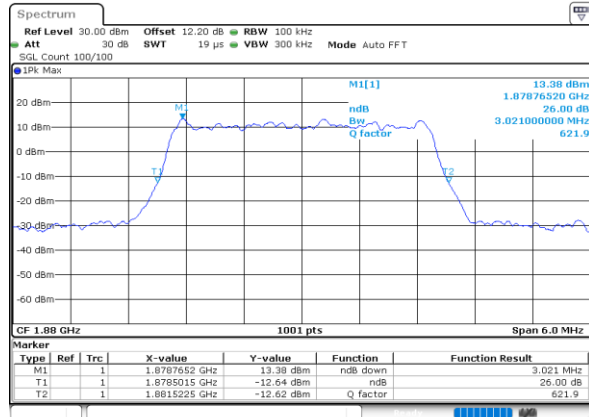
LTE Band 2

Middle Channel / 1.4MHz / 256QAM



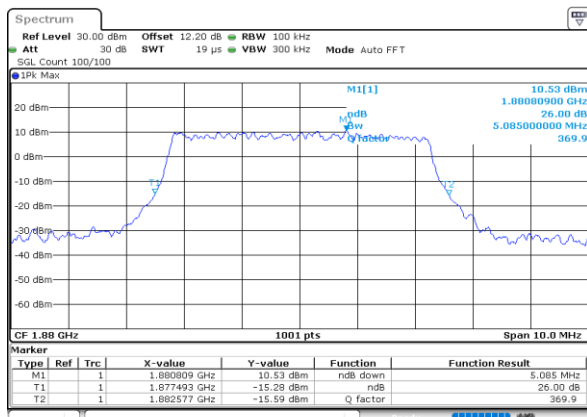
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Middle Channel / 3MHz / 256QAM



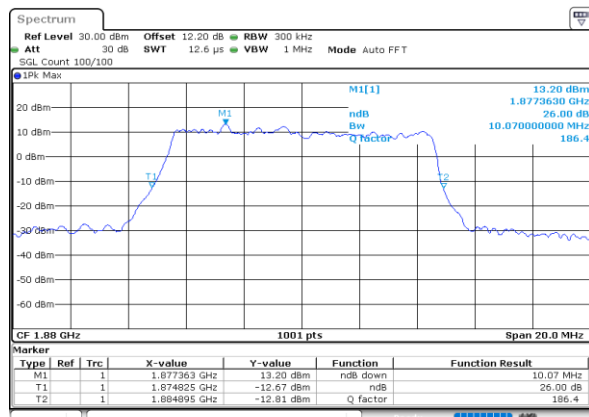
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Middle Channel / 5MHz / 256QAM



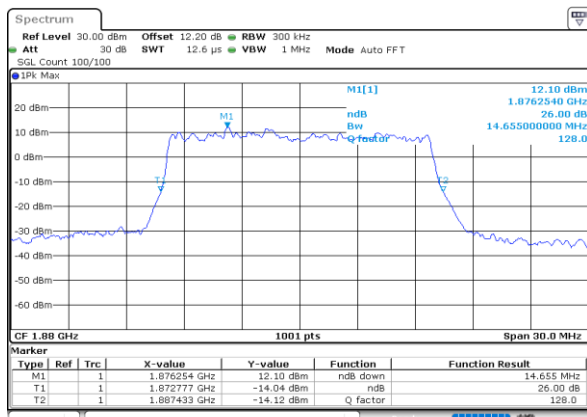
Date: 14.APR.2022 04:39:11

Middle Channel / 10MHz / 256QAM



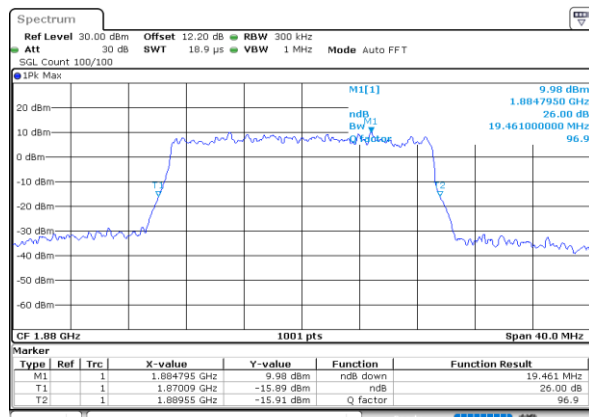
Date: 14.APR.2022 04:46:47

Middle Channel / 15MHz / 256QAM



Date: 14.APR.2022 04:53:29

Middle Channel / 20MHz / 256QAM



Date: 14.APR.2022 04:10:38

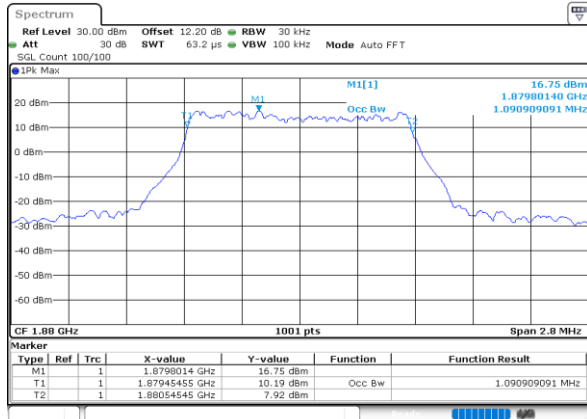
**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.11	2.77	2.75	4.52	4.48	9.07	9.09	13.49	13.46	17.86	17.98
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	1.10	2.73	2.73	4.50	4.50	9.07	9.03	13.40	13.43	17.94	17.86

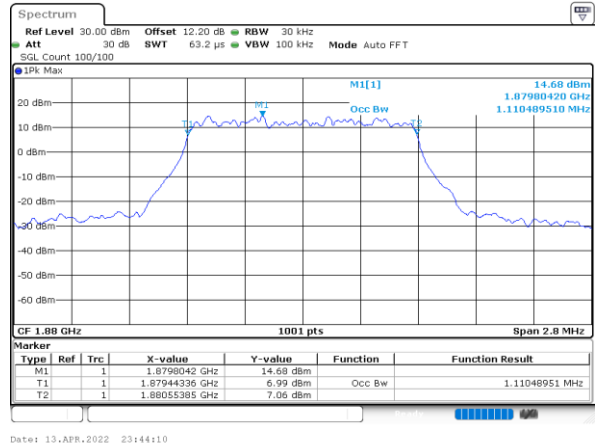


LTE Band 2

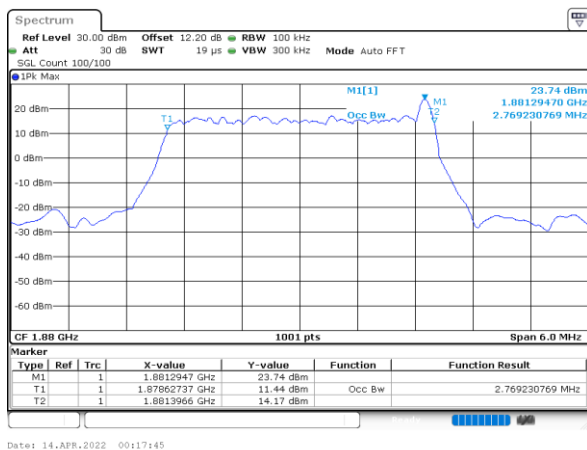
Middle Channel / 1.4MHz / QPSK



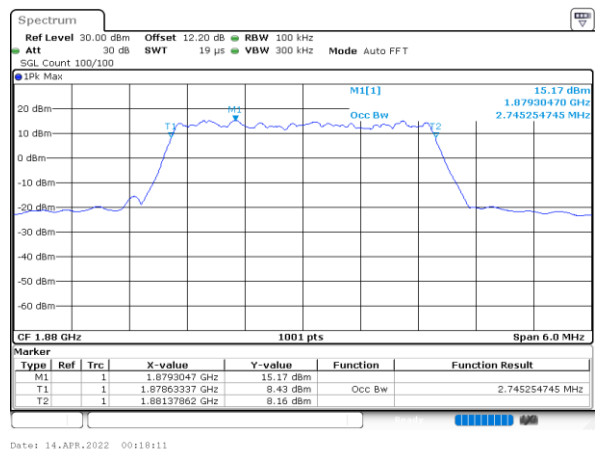
Middle Channel / 1.4MHz / 16QAM



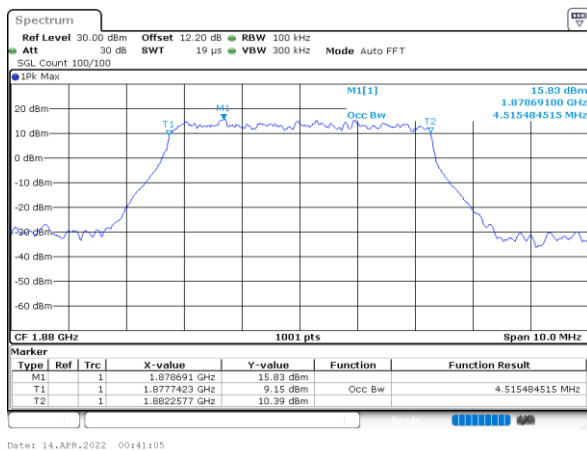
Middle Channel / 3MHz / QPSK



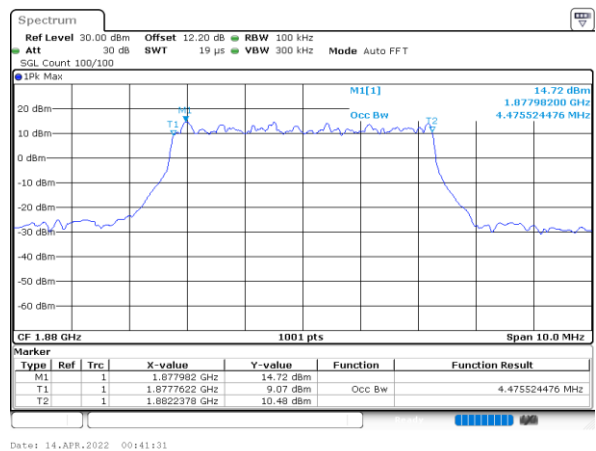
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



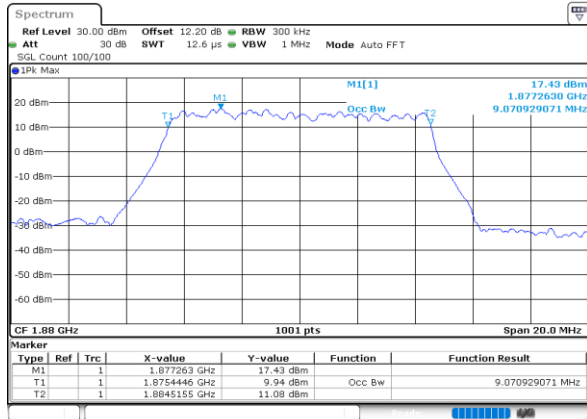
Middle Channel / 5MHz / 16QAM



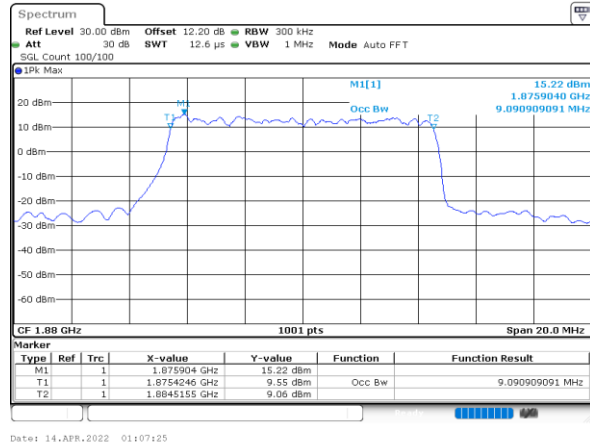


LTE Band 2

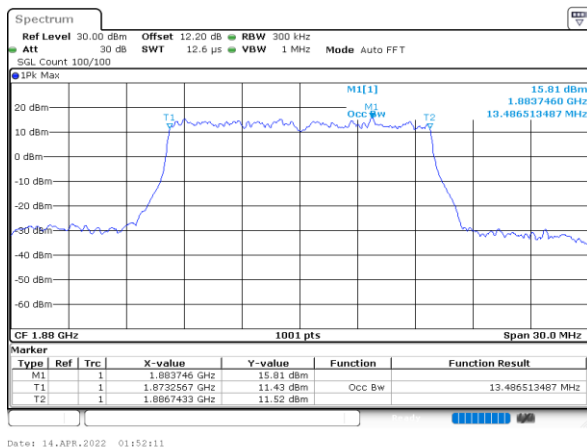
Middle Channel / 10MHz / QPSK



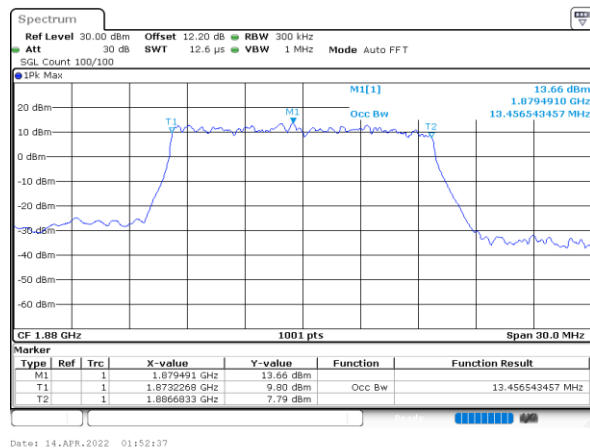
Middle Channel / 10MHz / 16QAM



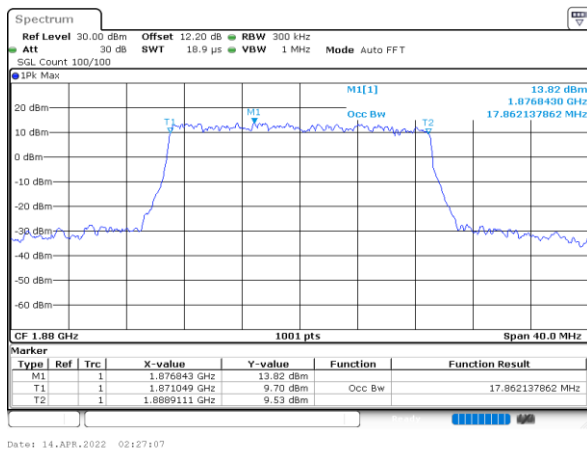
Middle Channel / 15MHz / QPSK



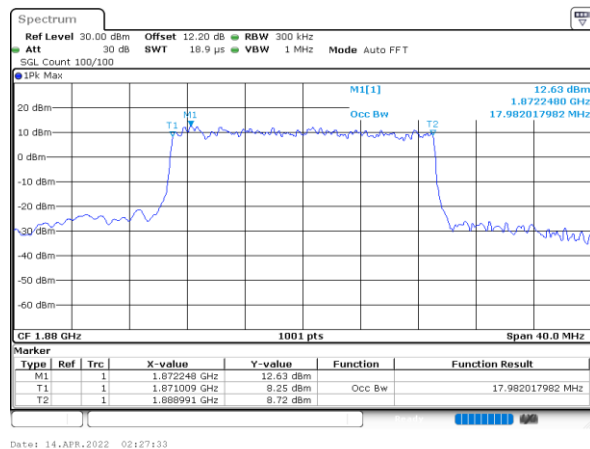
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



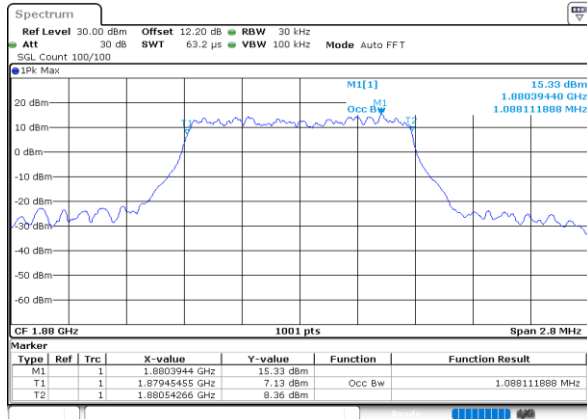
Middle Channel / 20MHz / 16QAM



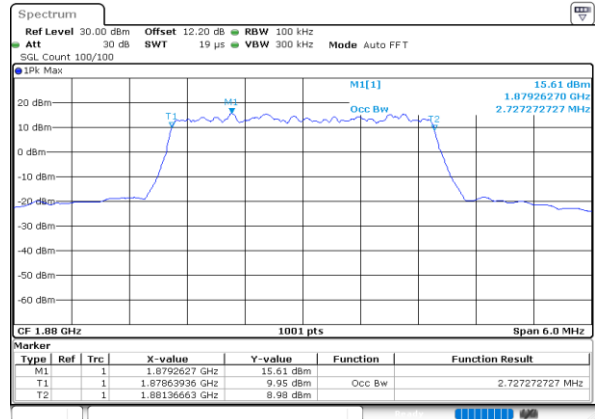


LTE Band 2

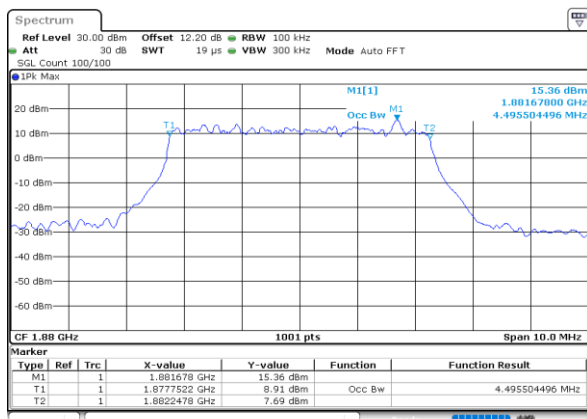
Middle Channel / 1.4MHz / 64QAM



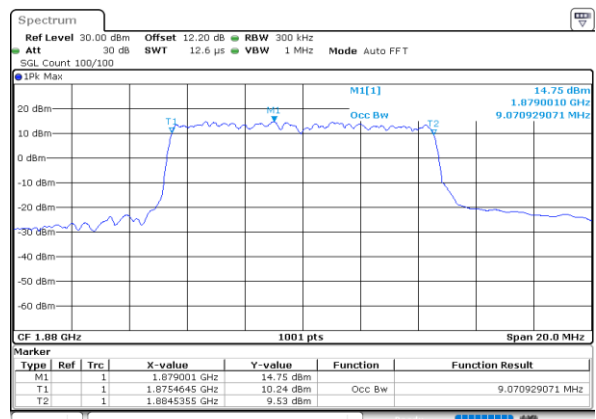
Middle Channel / 3MHz / 64QAM



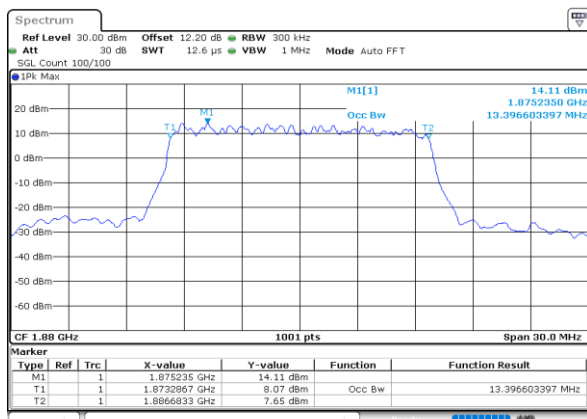
Middle Channel / 5MHz / 64QAM



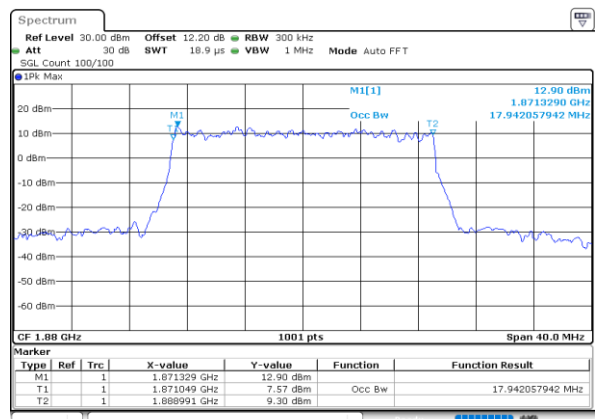
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



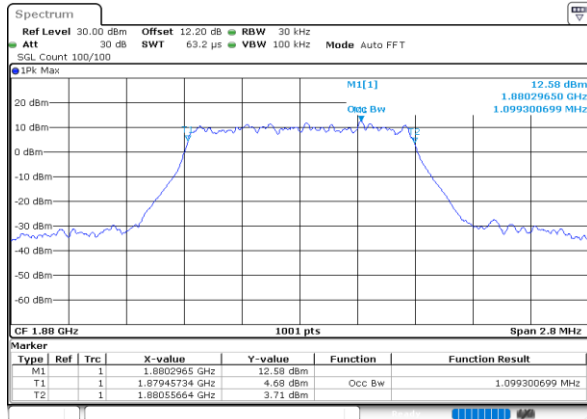
Middle Channel / 20MHz / 64QAM



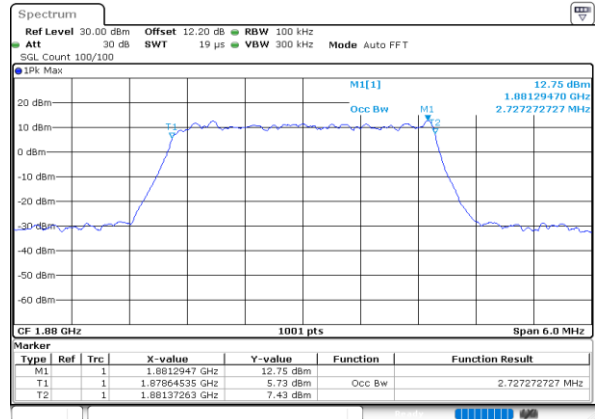


LTE Band 2

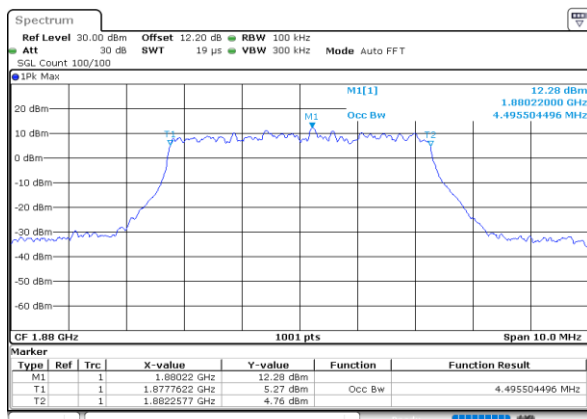
Middle Channel / 1.4MHz / 256QAM



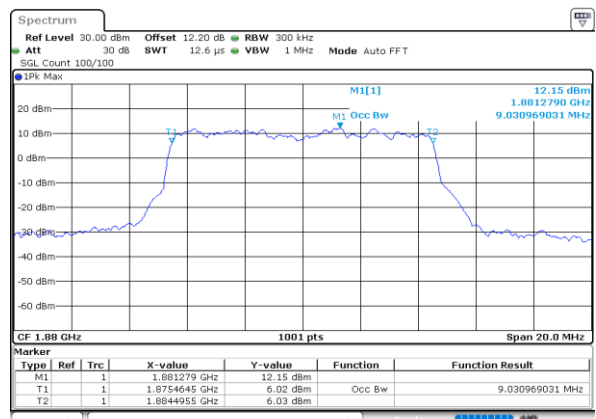
Middle Channel / 3MHz / 256QAM



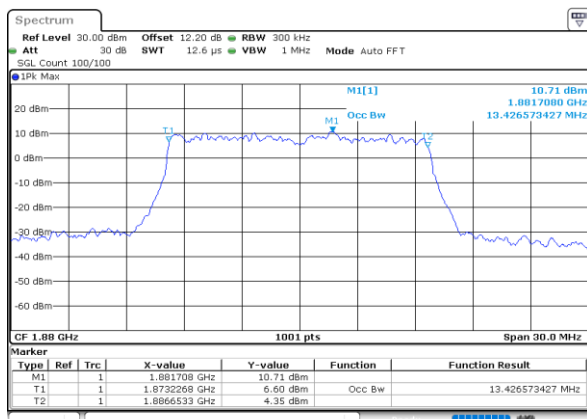
Middle Channel / 5MHz / 256QAM



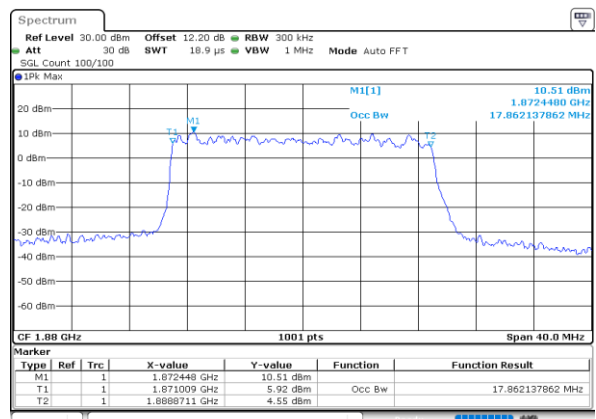
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

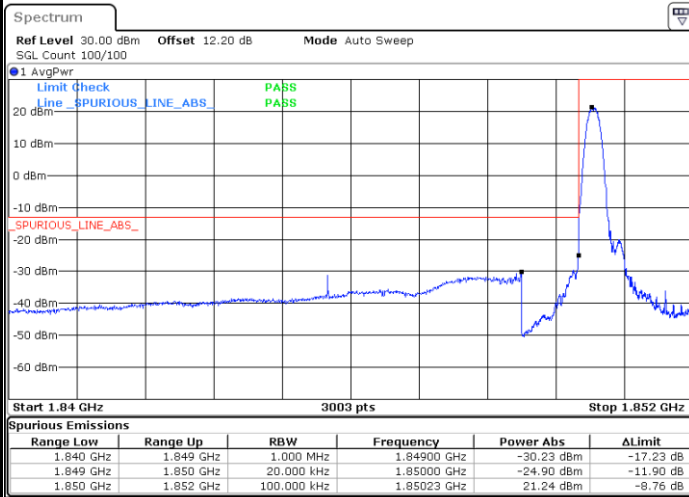




Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

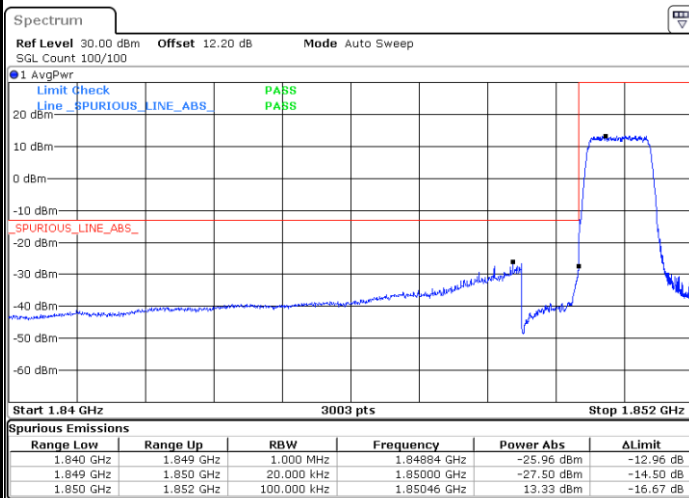
Lowest Band Edge / 1RB



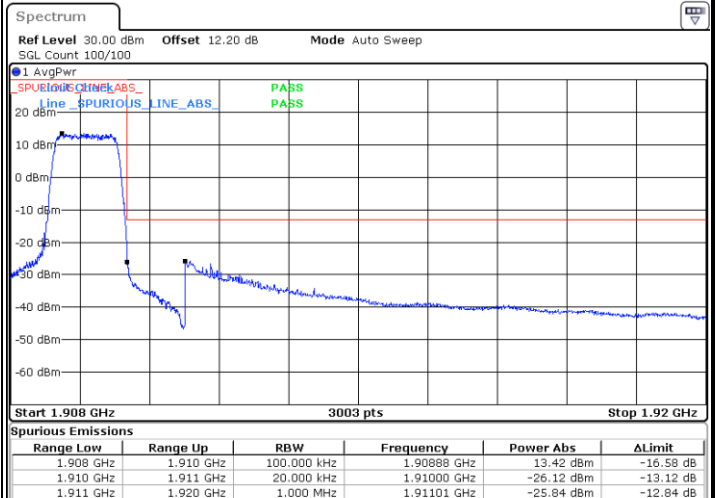
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



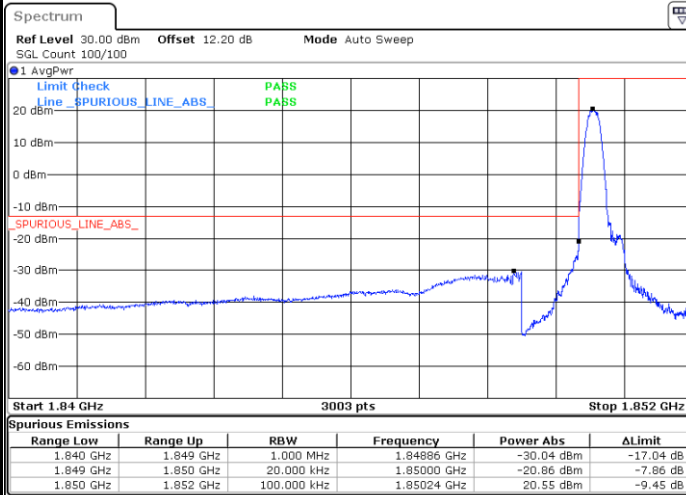
Highest Band Edge / Full RB



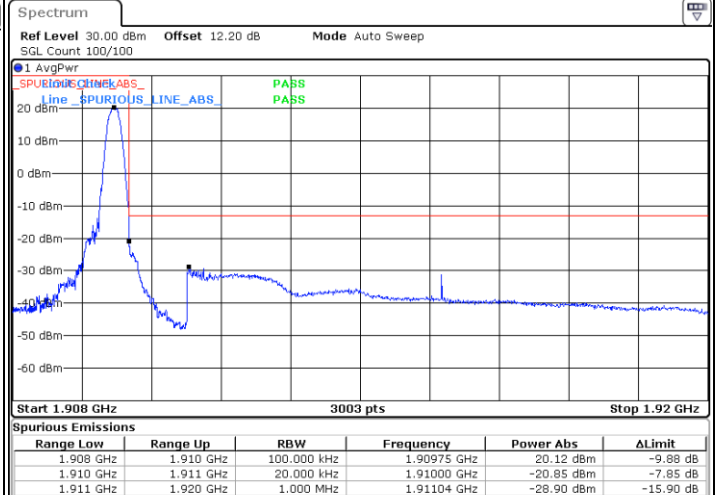


LTE Band 2 / 1.4MHz / 16QAM

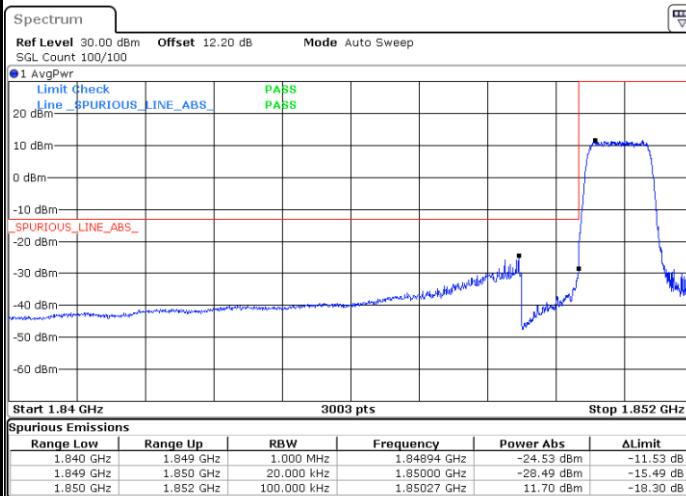
Lowest Band Edge / 1 RB



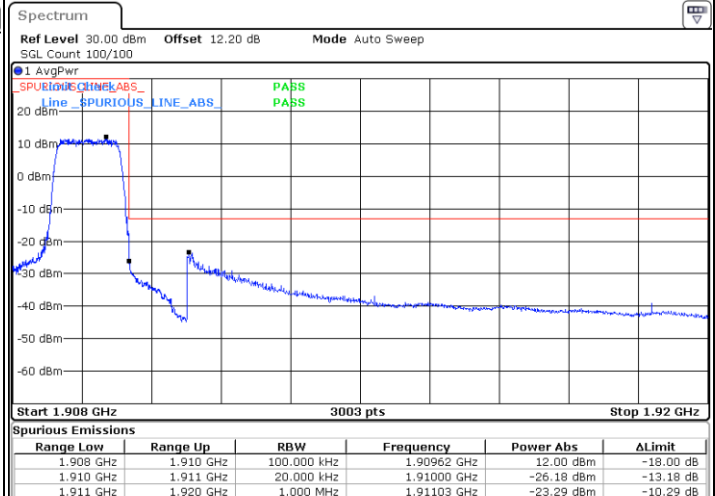
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



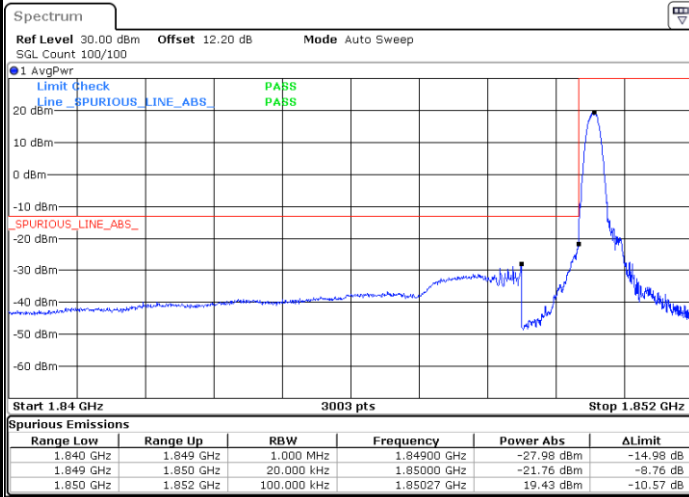
Highest Band Edge / Full RB



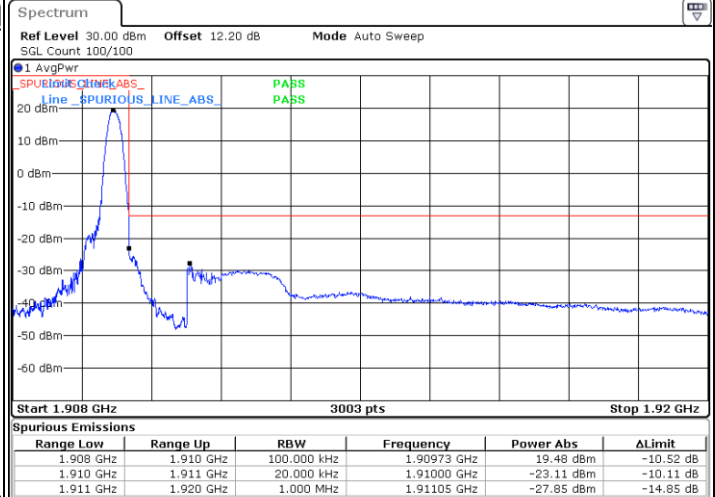


LTE Band 2 / 1.4MHz / 64QAM

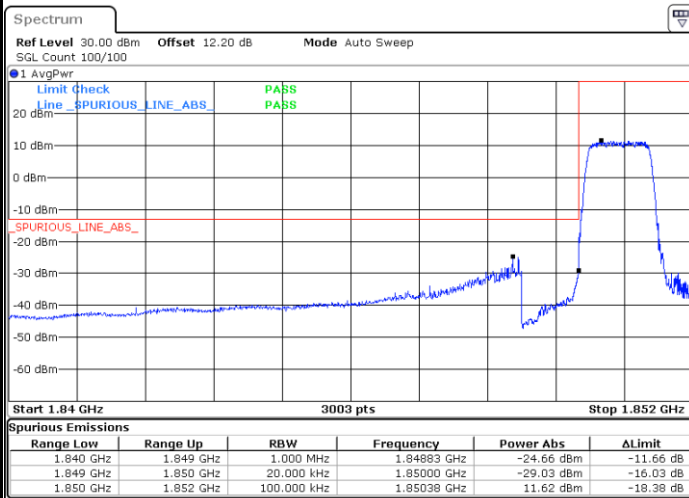
Lowest Band Edge / 1 RB



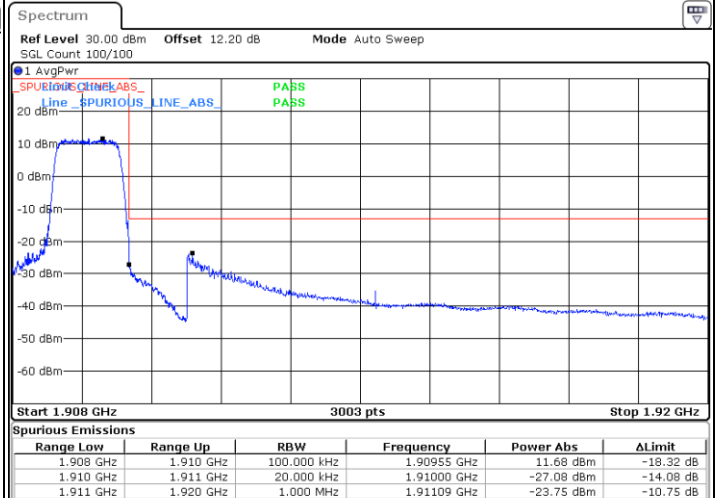
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



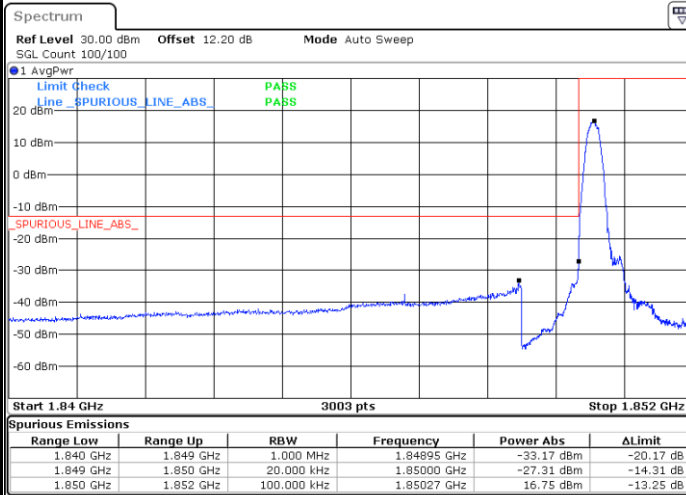
Highest Band Edge / Full RB



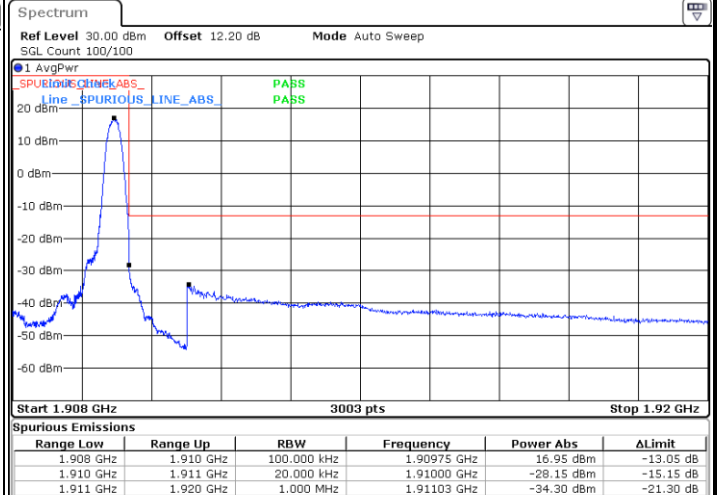


LTE Band 2 / 1.4MHz / 256QAM

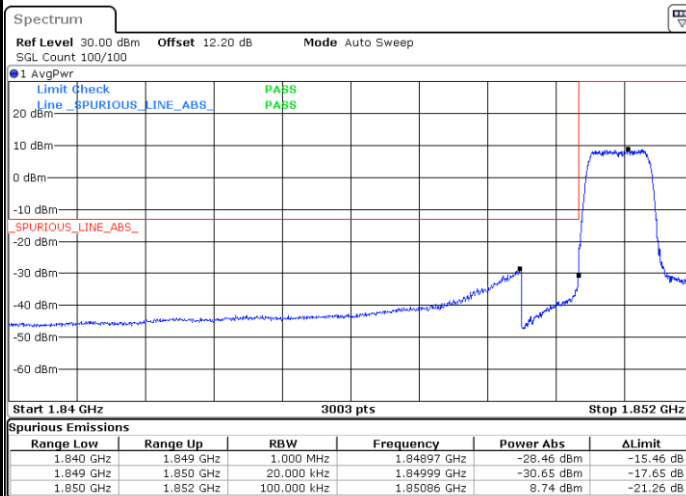
Lowest Band Edge / 1 RB



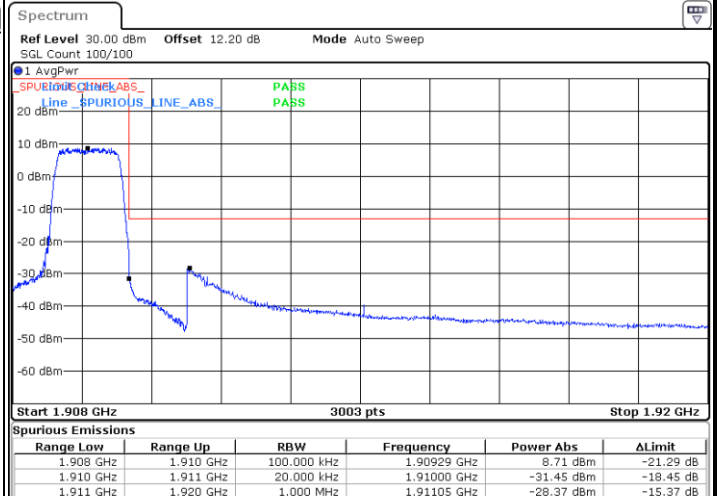
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



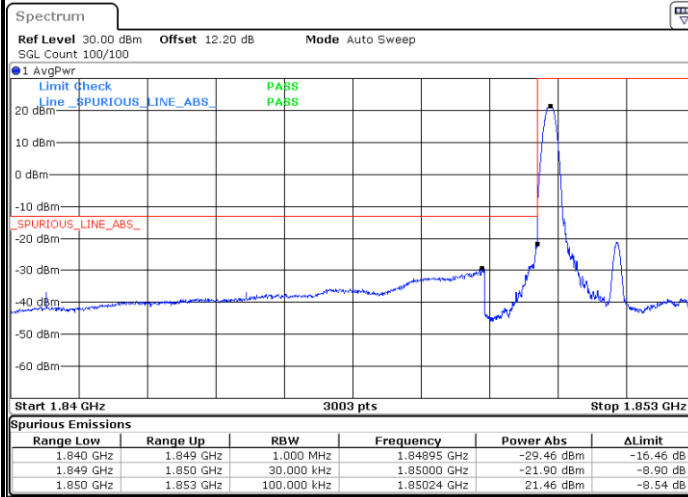
Highest Band Edge / Full RB



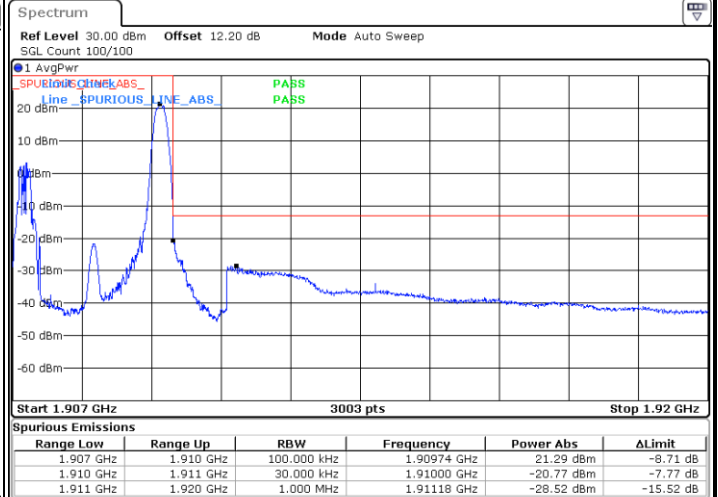


LTE Band 2 / 3MHz / QPSK

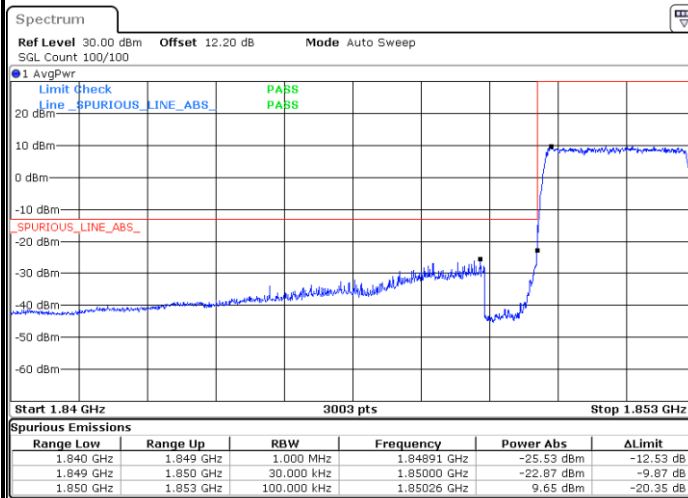
Lowest Band Edge / 1RB



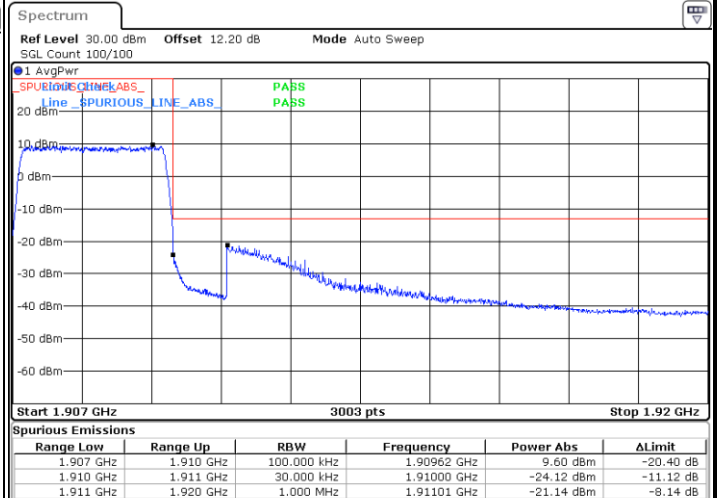
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



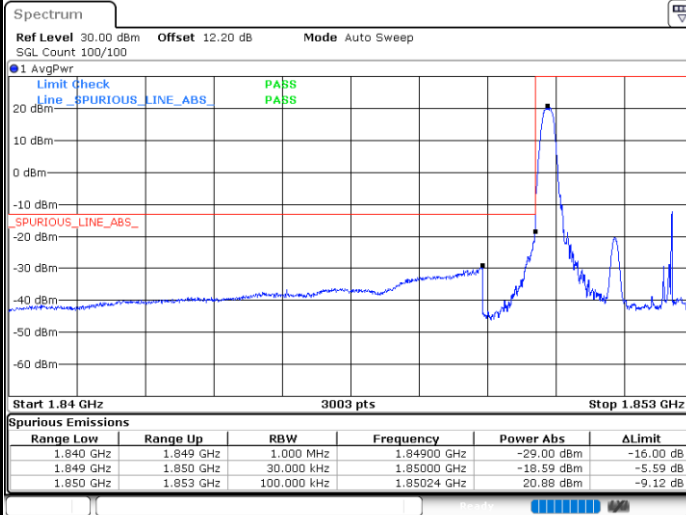
Highest Band Edge / Full RB





LTE Band 2 / 3MHz / 16QAM

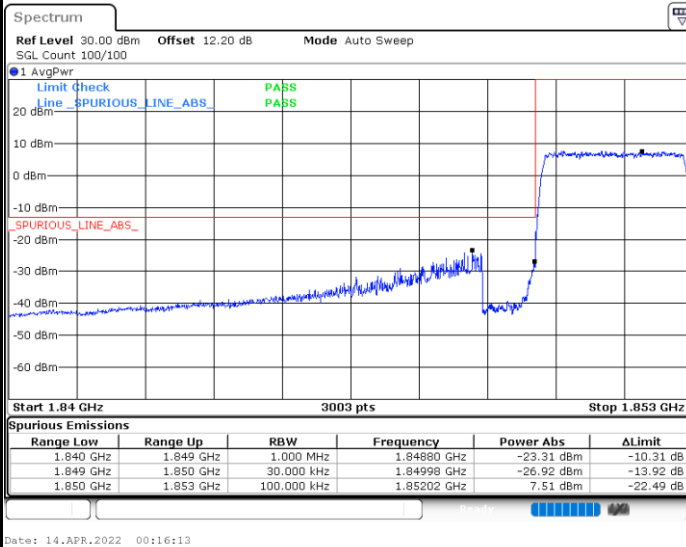
Lowest Band Edge / 1 RB



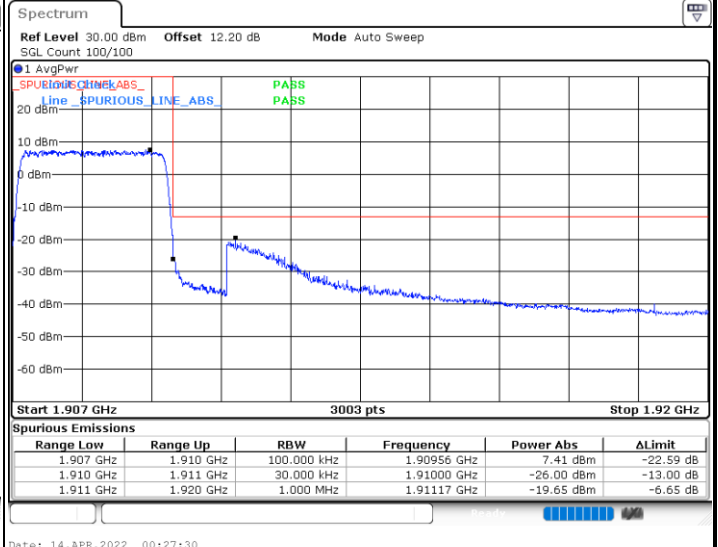
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



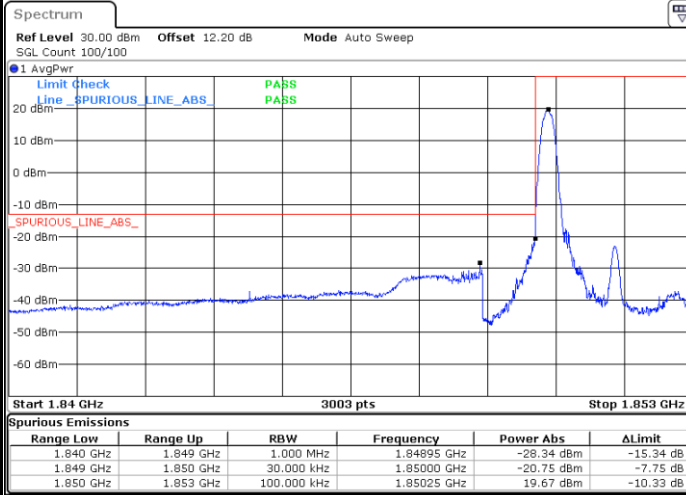
Highest Band Edge / Full RB



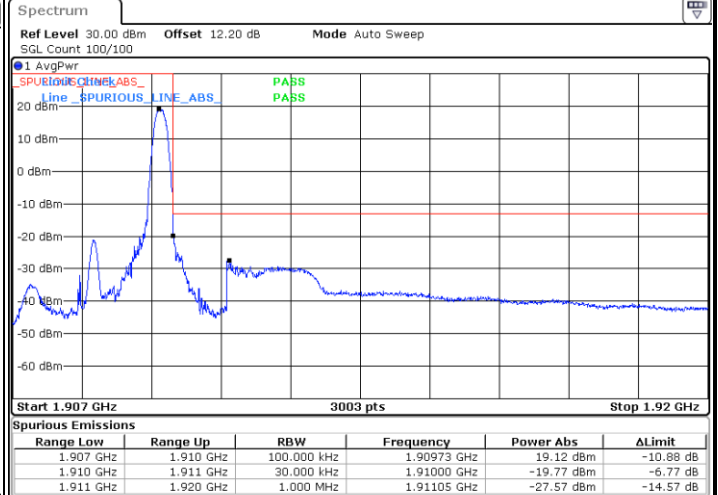


LTE Band 2 / 3MHz / 64QAM

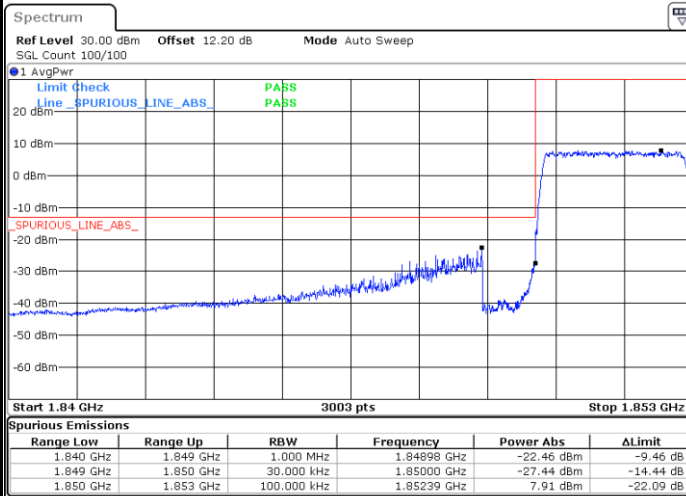
Lowest Band Edge / 1 RB



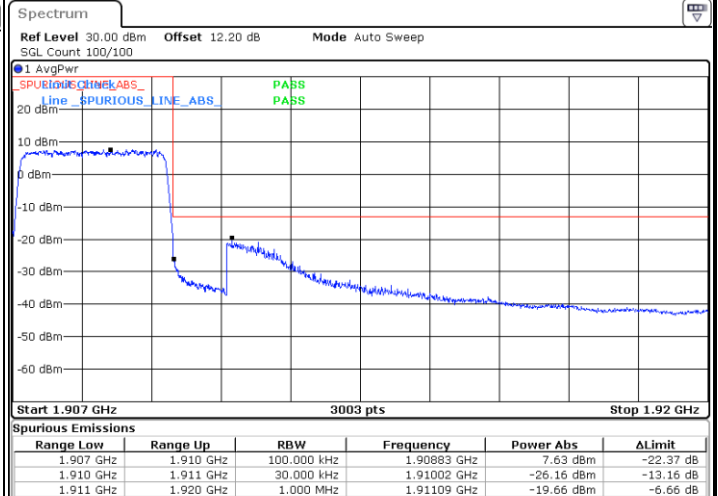
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



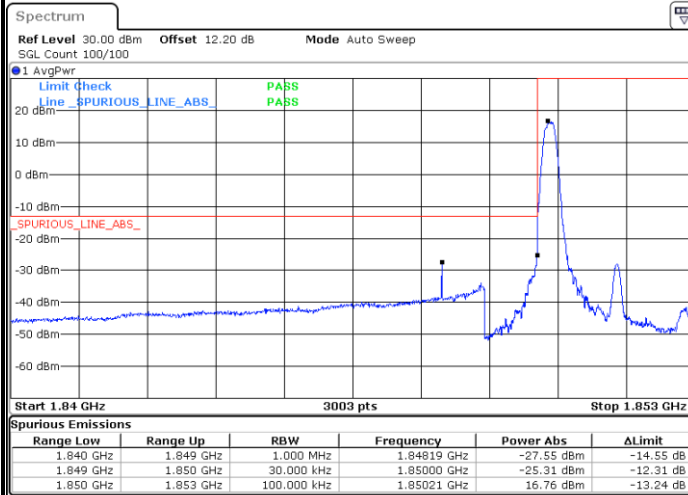
Highest Band Edge / Full RB



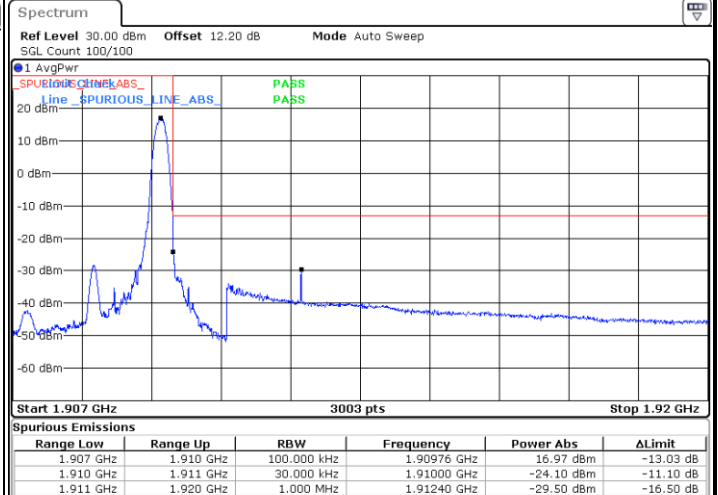


LTE Band 2 / 3MHz / 256QAM

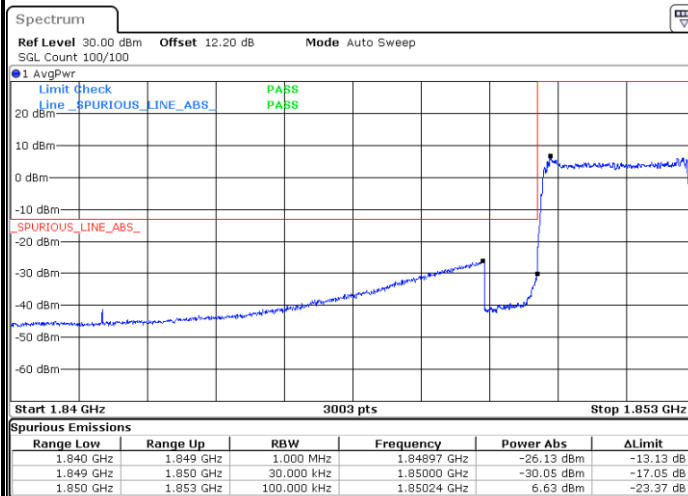
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

