FCC RADIO TEST REPORT

FCC ID	:	**A4RGE2AE**
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. 10, 2022 and testing was performed from Mar. 21, 2022 to May 31, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FG1O2919-05B	01	Initial issue of report	Jun. 01, 2022
FG1O2919-05B	02	1. Revise Table of Contents and appendix A1, A3 2. Add remark description in test mode 3. Remove Model Name	Jun. 06, 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 14.02 dB at 2109.000 MHz for Primary Antenna Under limit 16.10 dB at 7578.000 MHz for ASDIV Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		

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: Ruby Zou

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
FCC ID	A4RGE2AE
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/ NFC/GNSS/WPC/WPT/UWB 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
23071FDH300002	Conducted Measurement ERP/EIRP
22271FDH30003S	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 : 24.68 dBm LTE Band 5B : 24.51 dBm LTE Band 12 : 24.87 dBm LTE Band 13 : 24.73 dBm LTE Band 17 : 24.86 dBm LTE Band 26 : 24.88 dBm LTE Band 71 : 25.00 dBm **<Ant. 2>** LTE Band 2 : 24.57 dBm LTE Band 4 : 24.53 dBm LTE Band 7 : 24.81 dBm LTE Band 7C : 24.08 dBm LTE Band 25 : 24.43 dBm LTE Band 38 : 25.98 dBm for HPUE LTE Band 41 : 24.55 dBm LTE Band 41 : 26.51 dBm for HPUE LTE Band 41C : 26.36 dBm LTE Band 66 : 24.63 dBm LTE Band 66B : 24.12 dBm LTE Band 66C : 24.92 dBm **<ASDIV Antenna>** **<Ant. 0>** LTE Band 2 : 24.01 dBm LTE Band 4 : 23.69 dBm LTE Band 7 : 23.82 dBm LTE Band 7C : 23.01 dBm LTE Band 25 : 23.95 dBm LTE Band 38 : 26.36 dBm for HPUE LTE Band 41 : 24.99 dBm LTE Band 41 : 27.00 dBm for HPUE LTE Band 41C : 21.96 dBm LTE Band 66 : 23.88 dBm LTE Band 66B : 23.31 dBm LTE Band 66C : 23.30 dBm **<Ant. 1>** LTE Band 5 : 24.60 dBm LTE Band 5B : 23.64 dBm LTE Band 12 : 24.96 dBm LTE Band 13 : 24.77 dBm LTE Band 17 : 24.95 dBm LTE Band 26 : 24.94 dBm LTE Band 71 : 25.04 dBm

Product Specification is subject to this standard	
Antenna Type	**<Primary Antenna>:** **<Ant. 0>:** PIFA Antenna **<Ant. 1>:** PIFA Antenna **<Ant. 2>:** PIFA Antenna **<ASDIV Antenna>:** **<Ant. 0>:** PIFA Antenna **<Ant. 1>:** PIFA Antenna **<Ant. 2>:** PIFA Antenna **<Ant. 5>:** IFA Antenna
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 1	-8.3
		Ant. 2	1.5
LTE	B4	Ant. 1	-4.6
		Ant. 2	-1.2
LTE	B5	Ant. 0	-2.3
LTE	B7	Ant. 2	-0.8
LTE	B12	Ant. 0	-2.8
LTE	B13	Ant. 0	-2.4
LTE	B17	Ant. 0	-2.8
LTE	B25	Ant. 2	1.5
LTE	B26	Ant. 0	-2.3
LTE	B38 B38_HPUE	Ant. 2	-0.8
LTE	B41 B41_HPUE	Ant. 2	-0.8
LTE	B66	Ant. 1	-4.6
		Ant. 2	-0.5
LTE	B71	Ant. 0	-5.3

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 0	1.4
		Ant. 5	-3.0
LTE	B4	Ant. 0	-2.6
		Ant. 5	-5.0
LTE	B5	Ant. 1	-4.6
LTE	B7	Ant. 0	0.7
LTE	B12	Ant. 1	-5.8
LTE	B13	Ant. 1	-5.2
LTE	B17	Ant. 1	-5.4
LTE	B25	Ant. 0	1.4
LTE	B26	Ant. 1	-4.6
LTE	B38 B38_HPUE	Ant. 0	0.7
LTE	B41 B41_HPUE	Ant. 0	0.7
LTE	B66	Ant. 0	-2.1
		Ant. 5	-3.8
LTE	B71	Ant. 1	-8.0

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	George Chen
Temperature (℃)	23.4~25.5
Relative Humidity (%)	52~61

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.**
	03CH15-HY (TAF Code: 3786)
Test Engineer	Leo Lee and Bigshow Wang
Temperature (℃)	18~25
Relative Humidity (%)	45~60
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 5B, 7, 7C, 12, 41C (HPUE); Y Plane with Adapter for LTE Band 13, 25, 26, 66, 66B, 66C, 71; Z Plane with Adapter for LTE Band 41 (HPUE); <ASDIV Antenna>: X Plane with Adapter for LTE Band 5B, 7, 7C, 26, 41C (HPUE), 66, 66B, 66C; Y Plane with Adapter for LTE Band 12, 41 (HPUE) 71; Z Plane with Adapter for LTE Band 25, 13 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	-	-				v	v	v	v	v			v		v	
	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	-	-	v	v	v	v	v	v	v	v			v		v	
	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	-	-	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
	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	-	-	v	v	v	v	v				v			v	v	v
	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	-	-		v			v						v		v	
	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	Coverd by Band 25															
	4	Coverd by Band 66															
	5	Coverd by Band 26															
	7	Worst Case													v	v	v
	12	Worst Case													v	v	v
	13	Worst Case													v	v	v
	17	Coverd by Band 12															
	25	Worst Case													v	v	v
	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 1 and USB Cable 2. 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.																

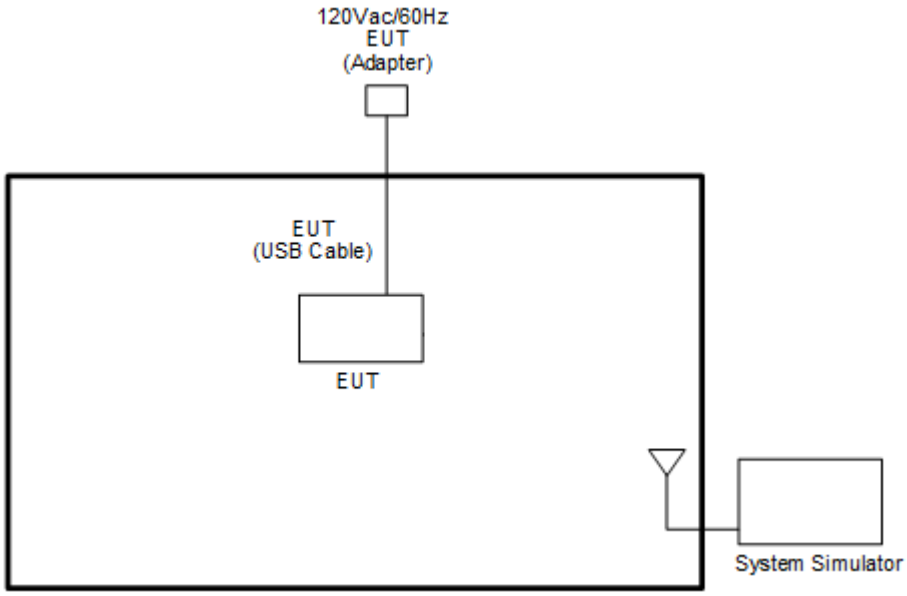
Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	5_CA	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	5_CA	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted 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 1 and USB Cable 2. 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
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	
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
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
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	v						
Radiated Spurious Emission	7_CA	Worst Case																	v	v	v
	41_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 1 and USB Cable 2. 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 1 and USB Cable 2. 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		
		10+15	15+10	10+20	20+10	15+15	15+20	20+15	20+5	5+20	20+20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	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	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	66C_CA	v	v	v	v	v	v	v	v	v	v	v				v			v	v	v
E.I.R.P.	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	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 1 and USB Cable 2. 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



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 :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

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

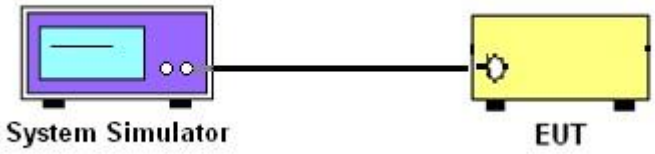
3 Conducted Test Items

3.1 Measuring Instruments

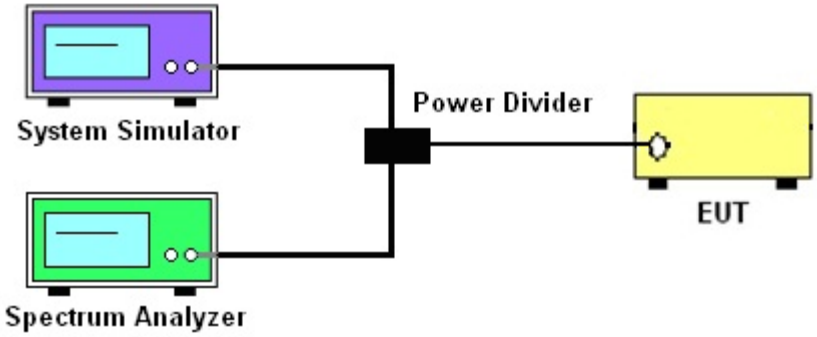
See list of measuring instruments of this test report.

3.1.1 Test Setup

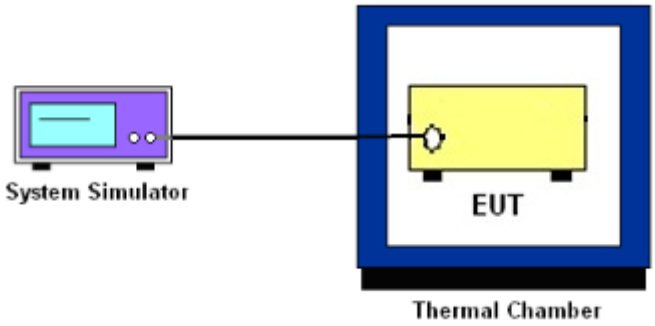
3.1.2 Conducted Output Power



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 + 10log10(P[Watts]) dB below the transmitter power P(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 + 10log10(P[Watts]) dB below the transmitter power P(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[Watts]) dB below the transmitter power P(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 log10 p(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 + 10log10(P[Watts]) dB below the transmitter power P(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 + 10log10(P[Watts]) dB below the transmitter power P(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 that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

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 >= 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 + 10log(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 10^{th} 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 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The limit line is derived from 55 + 10log(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 ±0.00025% (±2.5ppm) 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±5° 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.

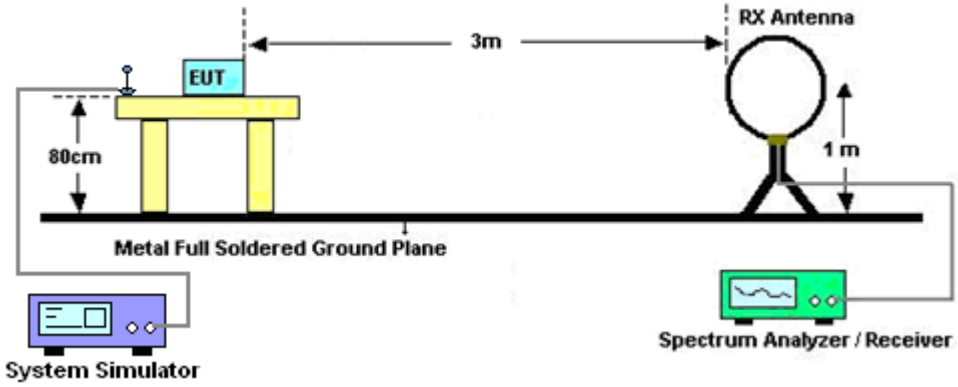
4 Radiated Test Items

4.1 Measuring Instruments

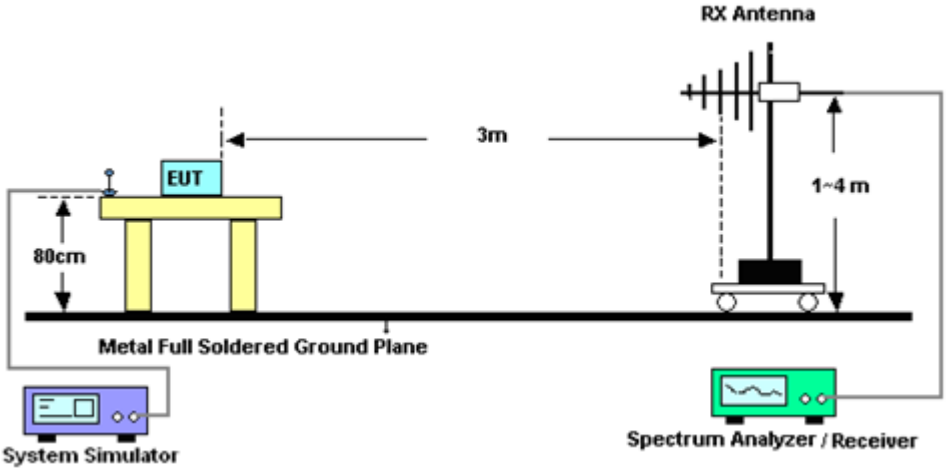
See list of measuring instruments of this test report.

4.1.1 Test Setup

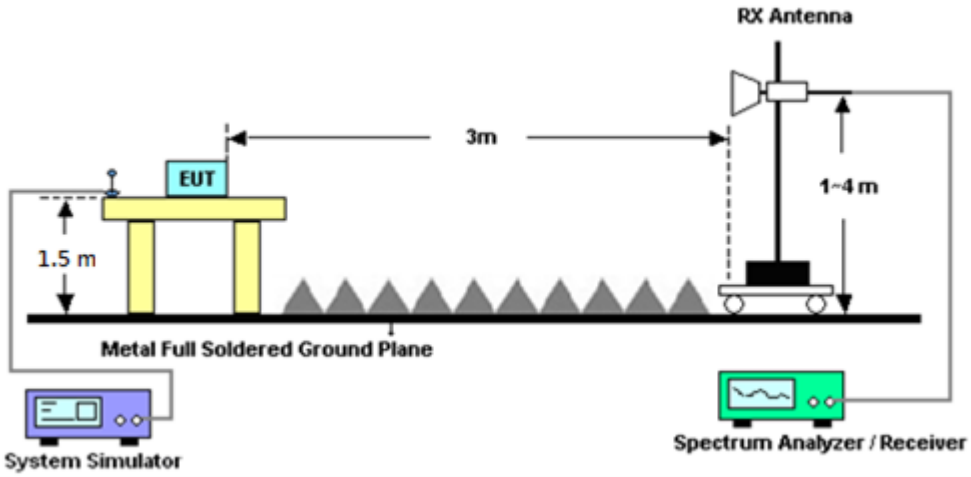
For radiated test below 30MHz



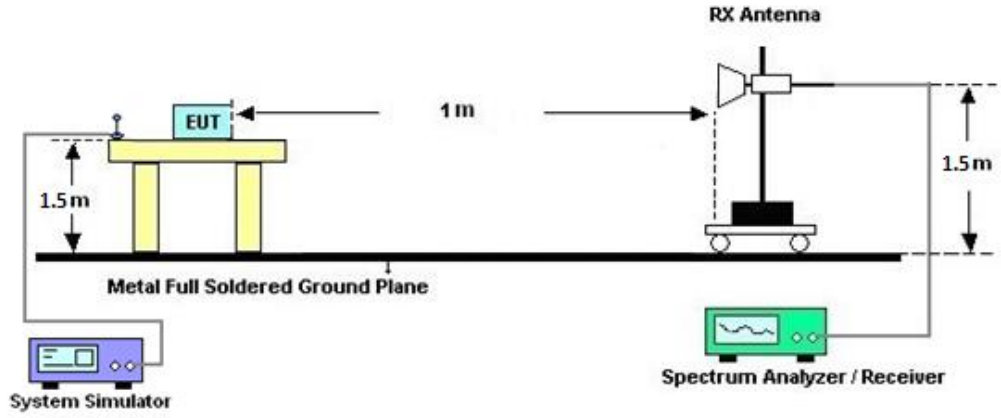
For radiated test from 30MHz to 1GHz



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 + 10log(P)dB below the transmitter power P(Watts)

    For LTE Band 7, 38, 41

    The limit line is derived from 55 + 10log(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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 07, 2021	Mar. 29, 2022~ May 24, 2022	Sep. 06, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Mar. 29, 2022~ May 24, 2022	Oct. 08, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&00800N1D01N-06	35414 & AT-N0602	30MHz to 1GHz	Oct. 09, 2021	Mar. 29, 2022~ May 24, 2022	Oct. 08, 2022	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 30, 2021	Mar. 29, 2022~ May 24, 2022	Dec. 29, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1-18GHz	Oct. 25, 2021	Mar. 29, 2022~ May 24, 2022	Oct. 24, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Oct. 25, 2021	Mar. 29, 2022~ May 24, 2022	Oct. 24, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz- 40GHz	Nov. 30, 2021	Mar. 29, 2022~ May 24, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005006	1GHz~18GHz	May 06, 2021	Mar. 29, 2022~ May 04, 2022	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005006	1GHz~18GHz	May 05, 2022	May 05, 2022~ May 24, 2022	May 04, 2023	Radiation (03CH15-HY)
Amplifier	E-INSTRUMENT TECH LTD	ERA-10M-7000-MR	EC1900247	10MHz-7GHz	Dec. 03, 2021	Mar. 29, 2022~ May 24, 2022	Dec. 02, 2022	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz-18GHz	Dec. 16, 2021	Mar. 29, 2022~ May 24, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Mar. 29, 2022~ May 24, 2022	Jun. 21, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9038A	MY54130085	20MHz~8.4GHz	Oct. 21, 2021	Mar. 29, 2022~ May 24, 2022	Oct. 20, 2022	Radiation (03CH15-HY
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 07, 2022	Mar. 29, 2022~ May 24, 2022	Mar. 06, 2023	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 29, 2022~ May 24, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 29, 2022~ May 24, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Mar. 29, 2022~ May 24, 2022	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4,MY9838/4PE,508405/2E	30MHz~18G	Nov. 15, 2021	Mar. 29, 2022~ May 11, 2022	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	30MHz-40GHz	Jan. 04, 2022	Mar.29, 2022~ May 24, 2022	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Mar. 29, 2022~ May 24, 2022	Mar. 09, 2023	Radiation (03CH15-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	0.1Hz~40GHz	Dec. 08, 2021	Mar. 29, 2022~ May 24, 2022	Dec. 07, 2022	Radiation (03CH15-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 with44)/LTE-3CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Mar. 21, 2022~ May 31, 2022	Jul. 20, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Oct. 01, 2021	Mar. 21, 2022~ May 31, 2022	Sep. 30, 2022	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 09, 2021	Mar. 21, 2022~ May 31, 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~ May 31, 2022	Jan. 05, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Mar. 21, 2022~ May 31, 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))	**2.92 dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.72 dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.94 dB**

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 = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.52	24.57	24.56	26.07	0.4046
20	1	49		24.37	24.38	24.28		
20	1	99		24.27	24.37	24.28		
20	50	0		23.51	23.54	23.46		
20	50	24		23.46	23.50	23.43		
20	50	50		23.40	23.45	23.41		
20	100	0		23.45	23.49	23.44		
20	1	0	16-QAM	23.89	23.95	23.85	25.45	0.3508
20	1	49		23.65	23.72	23.74		
20	1	99		23.65	23.69	23.76		
20	50	0		21.54	21.58	21.51		
20	50	24		21.51	21.53	21.51		
20	50	50		21.43	21.47	21.49		
20	100	0		21.49	21.50	21.49		
20	1	0	64-QAM	22.82	22.84	22.71	24.34	0.2716
20	1	49		22.68	22.66	22.68		
20	1	99		22.60	22.61	22.71		
20	50	0		21.59	21.62	21.58		
20	50	24		21.54	21.56	21.54		
20	50	50		21.46	21.48	21.53		
20	100	0		21.49	21.52	21.52		
20	1	0	256-QAM	19.35	19.34	19.25	20.85	0.1216
20	1	49		19.12	19.21	19.04		
20	1	99		19.14	19.15	18.96		
20	50	0		18.34	18.33	18.21		
20	50	24		18.08	18.10	17.97		
20	50	50		18.11	18.16	18.03		
20	100	0		18.22	18.24	18.13		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.22	24.41	24.20	25.91	0.3899
15	1	37		24.06	24.22	24.09		
15	1	74		24.13	24.17	24.13		
15	36	0		23.24	23.39	23.26		
15	36	20		23.22	23.35	23.25		
15	36	39		23.16	23.30	23.21		
15	75	0		23.22	23.35	23.20		
15	1	0	16-QAM	23.52	23.71	23.51	25.21	0.3319
15	1	37		23.48	23.59	23.45		
15	1	74		23.52	23.57	23.43		
15	36	0		21.27	21.42	21.29		
15	36	20		21.19	21.35	21.31		
15	36	39		21.18	21.32	21.27		
15	75	0		21.23	21.33	21.28		
15	1	0	64-QAM	22.47	22.81	22.56	24.31	0.2698
15	1	37		22.31	22.59	22.58		
15	1	74		22.23	22.49	22.49		
15	36	0		21.25	21.37	21.32		
15	36	20		21.23	21.35	21.30		
15	36	39		21.17	21.29	21.28		
15	75	0		21.21	21.32	21.27		
15	1	0	256-QAM	19.45	19.67	19.38	21.17	0.1309
15	1	37		19.53	19.41	19.27		
15	1	74		19.23	19.52	19.32		
15	36	0		18.41	18.43	18.47		
15	36	20		18.32	18.35	18.25		
15	36	39		18.30	18.37	18.36		
15	75	0		18.31	18.47	18.39		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.31	24.42	24.46	25.96	0.3945
10	1	25		24.11	24.26	24.23		
10	1	49		24.24	24.38	24.35		
10	25	0		23.32	23.49	23.40		
10	25	12		23.35	23.43	23.40		
10	25	25		23.31	23.47	23.33		
10	50	0		23.30	23.39	23.36		
10	1	0	16-QAM	23.45	23.51	24.08	25.58	0.3614
10	1	25		23.14	23.75	23.32		
10	1	49		23.30	23.49	23.32		
10	25	0		21.39	21.48	21.33		
10	25	12		21.30	21.57	21.37		
10	25	25		21.37	21.49	21.40		
10	50	0		21.30	21.37	21.42		
10	1	0	64-QAM	22.73	22.92	22.70	24.42	0.2767
10	1	25		22.40	22.87	22.50		
10	1	49		22.35	22.71	22.47		
10	25	0		21.26	21.54	21.49		
10	25	12		21.37	21.44	21.46		
10	25	25		21.32	21.48	21.46		
10	50	0		21.39	21.53	21.49		
10	1	0	256-QAM	19.58	19.61	19.42	21.11	0.1291
10	1	25		19.43	19.41	19.26		
10	1	49		19.22	19.18	19.22		
10	25	0		18.31	18.51	18.33		
10	25	12		18.31	18.29	18.30		
10	25	25		18.24	18.24	18.33		
10	50	0		18.22	18.37	18.31		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.15	24.35	24.21	25.85	0.3846
5	1	12		24.18	24.24	24.21		
5	1	24		24.22	24.33	24.24		
5	12	0		23.26	23.32	23.26		
5	12	7		23.18	23.32	23.34		
5	12	13		23.19	23.40	23.27		
5	25	0		23.26	23.42	23.21		
5	1	0	16-QAM	23.52	23.86	23.44	25.36	0.3436
5	1	12		23.50	23.36	23.80		
5	1	24		23.75	23.52	23.56		
5	12	0		21.38	21.40	21.27		
5	12	7		21.36	21.52	21.41		
5	12	13		21.27	21.33	21.35		
5	25	0		21.18	21.41	21.34		
5	1	0	64-QAM	22.37	22.88	22.40	24.42	0.2767
5	1	12		22.92	22.76	22.35		
5	1	24		22.87	22.48	22.36		
5	12	0		21.30	21.39	21.34		
5	12	7		21.29	21.31	21.47		
5	12	13		21.23	21.36	21.35		
5	25	0		21.18	21.40	21.27		
5	1	0	256-QAM	19.32	19.57	19.45	21.07	0.1279
5	1	12		19.31	19.46	19.31		
5	1	24		19.28	19.34	19.38		
5	12	0		18.32	18.41	18.33		
5	12	7		18.33	18.39	18.35		
5	12	13		18.36	18.34	18.37		
5	25	0		18.27	18.46	18.32		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.20	24.42	24.29	25.92	0.3908
3	1	8		24.08	24.26	24.22		
3	1	14		24.16	24.27	24.25		
3	8	0		23.20	23.42	23.27		
3	8	4		23.22	23.35	23.28		
3	8	7		23.22	23.39	23.30		
3	15	0		23.20	23.35	23.27		
3	1	0	16-QAM	23.39	23.47	23.80	25.30	0.3388
3	1	8		23.66	23.75	23.49		
3	1	14		23.32	23.64	23.77		
3	8	0		21.39	21.45	21.29		
3	8	4		21.31	21.49	21.30		
3	8	7		21.46	21.47	21.31		
3	15	0		21.33	21.32	21.19		
3	1	0	64-QAM	22.09	22.24	22.45	24.02	0.2523
3	1	8		22.38	22.27	22.43		
3	1	14		22.18	22.20	22.52		
3	8	0		21.17	21.39	21.24		
3	8	4		21.18	21.29	21.12		
3	8	7		21.29	21.21	21.20		
3	15	0		21.30	21.30	21.33		
3	1	0	256-QAM	19.26	19.47	19.47	20.97	0.1250
3	1	8		19.28	19.27	19.35		
3	1	14		19.29	19.42	19.34		
3	8	0		18.23	18.31	18.33		
3	8	4		18.36	18.24	18.38		
3	8	7		18.27	18.36	18.13		
3	15	0		18.15	18.28	18.31		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.28	24.42	24.33	25.99	0.3972
1.4	1	3		24.33	24.25	24.21		
1.4	1	5		24.29	24.40	24.32		
1.4	3	0		24.20	24.39	24.25		
1.4	3	1		24.32	24.39	24.32		
1.4	3	3		24.33	24.49	24.30		
1.4	6	0		23.26	23.35	23.31		
1.4	1	0	16-QAM	23.66	23.31	23.01	25.16	0.3281
1.4	1	3		23.35	22.98	23.07		
1.4	1	5		23.51	23.24	22.96		
1.4	3	0		23.18	23.17	23.26		
1.4	3	1		23.40	23.47	23.45		
1.4	3	3		23.52	23.51	23.30		
1.4	6	0		21.21	21.50	21.28		
1.4	1	0	64-QAM	22.22	22.41	22.15	23.95	0.2483
1.4	1	3		22.21	22.45	22.43		
1.4	1	5		22.35	22.26	22.22		
1.4	3	0		22.36	22.13	22.16		
1.4	3	1		22.24	22.31	22.32		
1.4	3	3		22.27	22.35	22.22		
1.4	6	0		21.14	21.32	21.23		
1.4	1	0	256-QAM	19.43	19.47	19.38	20.99	0.1256
1.4	1	3		19.45	19.39	19.42		
1.4	1	5		19.40	19.49	19.46		
1.4	3	0		19.37	19.39	19.47		
1.4	3	1		19.46	19.45	19.33		
1.4	3	3		19.46	19.38	19.31		
1.4	6	0		18.40	18.32	18.33		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.37	24.43	24.28	25.93	0.3917
20	1	49		24.27	24.34	24.12		
20	1	99		24.16	24.24	23.94		
20	50	0		23.39	23.41	23.21		
20	50	24		23.37	23.40	23.20		
20	50	50		23.29	23.35	23.14		
20	100	0		23.34	23.40	23.18		
20	1	0	16-QAM	23.77	23.83	23.59	25.33	0.3412
20	1	49		23.49	23.54	23.50		
20	1	99		23.48	23.57	23.38		
20	50	0		22.41	22.47	22.23		
20	50	24		22.38	22.44	22.25		
20	50	50		22.30	22.39	22.20		
20	100	0		22.32	22.43	22.21		
20	1	0	64-QAM	22.72	22.70	22.56	24.22	0.2642
20	1	49		22.56	22.55	22.35		
20	1	99		22.44	22.49	22.34		
20	50	0		21.43	21.50	21.35		
20	50	24		21.39	21.45	21.41		
20	50	50		21.29	21.39	21.28		
20	100	0		21.34	21.42	21.38		
20	1	0	256-QAM	19.32	19.45	19.40	20.95	0.1245
20	1	49		19.06	19.21	19.15		
20	1	99		19.09	19.23	19.15		
20	50	0		18.90	19.13	19.06		
20	50	24		18.89	19.07	19.00		
20	50	50		18.87	19.03	18.89		
20	100	0		18.98	19.12	19.05		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.39	24.42	24.25	25.92	0.3908
15	1	37		24.16	24.25	24.14		
15	1	74		24.14	24.28	24.05		
15	36	0		23.34	23.45	23.20		
15	36	20		23.29	23.39	23.18		
15	36	39		23.27	23.36	23.16		
15	75	0		23.31	23.38	23.16		
15	1	0	16-QAM	23.72	23.83	23.59	25.33	0.3412
15	1	37		23.50	23.67	23.48		
15	1	74		23.59	23.66	23.42		
15	36	0		22.39	22.49	22.30		
15	36	20		22.32	22.44	22.28		
15	36	39		22.29	22.40	22.26		
15	75	0		22.31	22.43	22.23		
15	1	0	64-QAM	22.67	22.55	22.64	24.17	0.2612
15	1	37		22.45	22.41	22.42		
15	1	74		22.46	22.56	22.37		
15	36	0		21.36	21.51	21.33		
15	36	20		21.32	21.47	21.34		
15	36	39		21.29	21.45	21.29		
15	75	0		21.31	21.45	21.34		
15	1	0	256-QAM	19.62	19.71	19.58	21.21	0.1321
15	1	37		19.61	19.48	19.58		
15	1	74		19.27	19.53	19.24		
15	36	0		19.37	19.40	19.34		
15	36	20		19.38	19.36	19.30		
15	36	39		19.30	19.38	19.27		
15	75	0		19.31	19.42	19.30		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.40	24.41	24.36	25.91	0.3899
10	1	25		24.31	24.35	24.17		
10	1	49		24.35	24.40	24.14		
10	25	0		23.41	23.45	23.31		
10	25	12		23.36	23.43	23.29		
10	25	25		23.36	23.41	23.26		
10	50	0		23.35	23.42	23.28		
10	1	0	16-QAM	23.74	23.94	23.65	25.44	0.3499
10	1	25		23.58	23.66	23.47		
10	1	49		23.55	23.64	23.42		
10	25	0		22.40	22.51	22.39		
10	25	12		22.43	22.50	22.39		
10	25	25		22.42	22.47	22.36		
10	50	0		22.38	22.45	22.37		
10	1	0	64-QAM	22.65	22.64	22.61	24.15	0.2600
10	1	25		22.57	22.55	22.50		
10	1	49		22.52	22.63	22.43		
10	25	0		21.40	21.48	21.38		
10	25	12		21.35	21.44	21.40		
10	25	25		21.37	21.43	21.36		
10	50	0		21.38	21.49	21.41		
10	1	0	256-QAM	19.67	19.64	19.72	21.22	0.1324
10	1	25		19.43	19.43	19.44		
10	1	49		19.47	19.42	19.12		
10	25	0		19.30	19.42	19.34		
10	25	12		19.35	19.36	19.32		
10	25	25		19.30	19.38	19.17		
10	50	0		19.29	19.40	19.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.38	24.40	24.40	25.91	0.3899
5	1	12		24.30	24.41	24.28		
5	1	24		24.30	24.41	24.23		
5	12	0		23.36	23.47	23.33		
5	12	7		23.36	23.44	23.35		
5	12	13		23.35	23.42	23.31		
5	25	0		23.35	23.46	23.29		
5	1	0	16-QAM	23.63	23.76	23.59	25.26	0.3357
5	1	12		23.51	23.64	23.57		
5	1	24		23.62	23.71	23.54		
5	12	0		22.41	22.51	22.41		
5	12	7		22.41	22.53	22.42		
5	12	13		22.41	22.50	22.41		
5	25	0		22.40	22.50	22.36		
5	1	0	64-QAM	22.56	22.61	22.61	24.14	0.2594
5	1	12		22.49	22.51	22.38		
5	1	24		22.48	22.64	22.39		
5	12	0		21.39	21.50	21.41		
5	12	7		21.40	21.48	21.43		
5	12	13		21.34	21.47	21.40		
5	25	0		21.36	21.46	21.38		
5	1	0	256-QAM	19.55	19.67	19.56	21.17	0.1309
5	1	12		19.40	19.54	19.32		
5	1	24		19.39	19.39	19.07		
5	12	0		19.34	19.40	19.56		
5	12	7		19.31	19.41	19.33		
5	12	13		19.24	19.33	19.26		
5	25	0		19.31	19.30	19.45		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.38	24.41	24.36	25.91	0.3899
3	1	8		24.27	24.36	24.19		
3	1	14		24.30	24.41	24.18		
3	8	0		23.32	23.42	23.25		
3	8	4		23.30	23.45	23.28		
3	8	7		23.33	23.44	23.30		
3	15	0		23.36	23.48	23.29		
3	1	0	16-QAM	23.61	23.79	23.58	25.29	0.3381
3	1	8		23.55	23.67	23.51		
3	1	14		23.64	23.72	23.54		
3	8	0		22.41	22.48	22.38		
3	8	4		22.41	22.47	22.37		
3	8	7		22.42	22.50	22.41		
3	15	0		22.39	22.46	22.36		
3	1	0	64-QAM	22.54	22.58	22.55	24.08	0.2559
3	1	8		22.46	22.49	22.46		
3	1	14		22.51	22.51	22.47		
3	8	0		21.37	21.46	21.40		
3	8	4		21.34	21.40	21.35		
3	8	7		21.37	21.52	21.35		
3	15	0		21.38	21.50	21.42		
3	1	0	256-QAM	19.45	19.59	19.63	21.13	0.1297
3	1	8		19.31	19.57	19.46		
3	1	14		19.32	19.47	19.23		
3	8	0		19.28	19.36	19.27		
3	8	4		19.31	19.41	19.20		
3	8	7		19.31	19.43	19.26		
3	15	0		19.32	19.34	19.31		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.34	24.42	24.21	25.92	0.3908
1.4	1	3		24.33	24.38	24.08		
1.4	1	5		24.35	24.40	24.11		
1.4	3	0		24.25	24.32	23.99		
1.4	3	1		24.30	24.40	24.06		
1.4	3	3		24.35	24.39	24.04		
1.4	6	0		23.40	23.47	23.12		
1.4	1	0	16-QAM	23.52	23.69	23.39	25.24	0.3342
1.4	1	3		23.53	23.52	23.34		
1.4	1	5		23.60	23.74	23.37		
1.4	3	0		23.33	23.44	23.16		
1.4	3	1		23.45	23.45	23.18		
1.4	3	3		23.45	23.54	23.21		
1.4	6	0		22.43	22.40	22.32		
1.4	1	0	64-QAM	22.47	22.53	22.40	24.12	0.2582
1.4	1	3		22.48	22.56	22.44		
1.4	1	5		22.45	22.52	22.45		
1.4	3	0		22.43	22.48	22.39		
1.4	3	1		22.55	22.62	22.47		
1.4	3	3		22.49	22.51	22.42		
1.4	6	0		21.34	21.40	21.29		
1.4	1	0	256-QAM	19.63	19.58	19.50	21.13	0.1297
1.4	1	3		19.45	19.54	19.36		
1.4	1	5		19.38	19.50	19.27		
1.4	3	0		19.25	19.39	19.24		
1.4	3	1		19.32	19.41	19.30		
1.4	3	3		19.33	19.38	19.25		
1.4	6	0		19.31	19.31	19.27		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.53	24.46	24.47	23.33	0.2153
20	1	49		24.19	24.13	24.19		
20	1	99		24.08	24.04	24.09		
20	50	0		23.33	23.32	23.27		
20	50	24		23.28	23.26	23.26		
20	50	50		23.24	23.20	23.23		
20	100	0		23.28	23.24	23.27		
20	1	0	16-QAM	23.65	23.72	23.63	22.52	0.1786
20	1	49		23.47	23.50	23.45		
20	1	99		23.45	23.48	23.39		
20	50	0		22.32	22.30	22.36		
20	50	24		22.29	22.27	22.29		
20	50	50		22.21	22.19	22.23		
20	100	0		22.24	22.23	22.27		
20	1	0	64-QAM	22.58	22.54	22.66	21.46	0.1400
20	1	49		22.45	22.37	22.46		
20	1	99		22.35	22.32	22.39		
20	50	0		21.33	21.33	21.38		
20	50	24		21.29	21.27	21.34		
20	50	50		21.22	21.19	21.24		
20	100	0		21.24	21.24	21.27		
20	1	0	256-QAM	19.28	19.36	19.33	18.16	0.0655
20	1	49		19.20	19.31	19.22		
20	1	99		19.18	19.28	19.17		
20	50	0		18.83	19.00	18.90		
20	50	24		18.82	18.97	18.92		
20	50	50		18.88	19.04	18.97		
20	100	0		18.88	19.01	18.98		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.29	24.38	24.38	23.18	0.2080
15	1	37		24.21	24.23	24.24		
15	1	74		24.21	24.20	24.22		
15	36	0		23.37	23.40	23.42		
15	36	20		23.33	23.34	23.37		
15	36	39		23.30	23.29	23.33		
15	75	0		23.35	23.36	23.37		
15	1	0	16-QAM	23.58	23.70	23.67	22.50	0.1778
15	1	37		23.44	23.48	23.50		
15	1	74		23.40	23.52	23.52		
15	36	0		22.43	22.41	22.45		
15	36	20		22.41	22.39	22.38		
15	36	39		22.33	22.33	22.33		
15	75	0		22.37	22.37	22.36		
15	1	0	64-QAM	22.59	22.61	22.66	21.46	0.1400
15	1	37		22.39	22.41	22.45		
15	1	74		22.36	22.48	22.35		
15	36	0		21.40	21.40	21.46		
15	36	20		21.37	21.35	21.37		
15	36	39		21.34	21.31	21.32		
15	75	0		21.35	21.32	21.37		
15	1	0	256-QAM	19.16	19.45	19.46	18.26	0.0670
15	1	37		19.45	19.34	19.17		
15	1	74		19.28	19.32	19.16		
15	36	0		19.46	19.14	19.06		
15	36	20		19.16	19.11	19.21		
15	36	39		19.08	19.07	19.10		
15	75	0		19.09	19.10	18.86		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.31	24.30	24.45	23.25	0.2113
10	1	25		24.13	24.06	24.22		
10	1	49		24.25	24.15	24.29		
10	25	0		23.33	23.39	23.51		
10	25	12		23.38	23.32	23.50		
10	25	25		23.33	23.31	23.49		
10	50	0		23.35	23.34	23.49		
10	1	0	16-QAM	23.72	23.70	23.80	22.60	0.1820
10	1	25		23.59	23.58	23.75		
10	1	49		23.67	23.58	23.60		
10	25	0		22.43	22.40	22.55		
10	25	12		22.43	22.38	22.52		
10	25	25		22.41	22.38	22.48		
10	50	0		22.36	22.31	22.49		
10	1	0	64-QAM	22.51	22.45	22.78	21.61	0.1449
10	1	25		22.60	22.37	22.81		
10	1	49		22.47	22.39	22.65		
10	25	0		21.39	21.35	21.51		
10	25	12		21.37	21.30	21.46		
10	25	25		21.36	21.31	21.44		
10	50	0		21.39	21.37	21.51		
10	1	0	256-QAM	19.49	19.50	19.39	18.30	0.0676
10	1	25		19.04	19.13	19.19		
10	1	49		19.22	19.21	19.33		
10	25	0		18.99	19.07	19.19		
10	25	12		19.14	19.17	19.44		
10	25	25		19.18	19.07	19.10		
10	50	0		19.04	19.04	19.19		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.35	24.30	24.30	23.15	0.2065
5	1	12		24.30	24.19	24.18		
5	1	24		24.32	24.25	24.24		
5	12	0		23.36	23.31	23.32		
5	12	7		23.36	23.28	23.30		
5	12	13		23.37	23.26	23.31		
5	25	0		23.36	23.28	23.31		
5	1	0	16-QAM	23.65	23.55	23.64	22.45	0.1758
5	1	12		23.55	23.44	23.58		
5	1	24		23.61	23.50	23.55		
5	12	0		22.43	22.35	22.37		
5	12	7		22.44	22.37	22.37		
5	12	13		22.41	22.33	22.34		
5	25	0		22.39	22.27	22.31		
5	1	0	64-QAM	22.60	22.48	22.55	21.40	0.1380
5	1	12		22.47	22.36	22.45		
5	1	24		22.52	22.40	22.50		
5	12	0		21.37	21.30	21.32		
5	12	7		21.36	21.23	21.34		
5	12	13		21.32	21.23	21.31		
5	25	0		21.35	21.29	21.30		
5	1	0	256-QAM	19.29	19.29	19.49	18.41	0.0693
5	1	12		19.30	19.18	18.97		
5	1	24		19.34	19.27	19.11		
5	12	0		19.61	19.18	18.98		
5	12	7		19.14	19.10	19.07		
5	12	13		19.19	19.12	19.05		
5	25	0		19.13	19.07	19.03		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.33	24.34	24.36	23.16	0.2070
3	1	8		24.25	24.22	24.24		
3	1	14		24.32	24.32	24.29		
3	8	0		23.35	23.30	23.31		
3	8	4		23.35	23.27	23.30		
3	8	7		23.36	23.30	23.34		
3	15	0		23.40	23.32	23.33		
3	1	0	16-QAM	23.63	23.59	23.60	22.43	0.1750
3	1	8		23.56	23.48	23.51		
3	1	14		23.58	23.57	23.54		
3	8	0		22.47	22.34	22.34		
3	8	4		22.46	22.31	22.36		
3	8	7		22.47	22.31	22.34		
3	15	0		22.42	22.25	22.31		
3	1	0	64-QAM	22.56	22.46	22.42	21.36	0.1368
3	1	8		22.48	22.38	22.41		
3	1	14		22.51	22.38	22.44		
3	8	0		21.44	21.28	21.29		
3	8	4		21.36	21.25	21.29		
3	8	7		21.45	21.34	21.32		
3	15	0		21.45	21.28	21.34		
3	1	0	256-QAM	19.12	19.18	19.32	18.24	0.0667
3	1	8		19.16	19.19	19.19		
3	1	14		19.44	19.22	19.19		
3	8	0		19.19	19.12	19.09		
3	8	4		19.29	19.16	19.12		
3	8	7		19.29	19.23	19.18		
3	15	0		19.17	18.99	19.27		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.28	24.19	24.22	23.10	0.2042
1.4	1	3		24.25	24.18	24.23		
1.4	1	5		24.18	24.22	24.24		
1.4	3	0		24.25	24.13	24.16		
1.4	3	1		24.30	24.18	24.25		
1.4	3	3		24.30	24.23	24.21		
1.4	6	0		23.33	23.20	23.11		
1.4	1	0	16-QAM	23.60	23.43	23.51	22.40	0.1738
1.4	1	3		23.59	23.29	23.47		
1.4	1	5		23.60	23.42	23.55		
1.4	3	0		23.32	23.15	23.26		
1.4	3	1		23.34	23.31	23.29		
1.4	3	3		23.41	23.28	23.32		
1.4	6	0		22.41	22.26	22.10		
1.4	1	0	64-QAM	22.48	22.33	22.37	21.43	0.1390
1.4	1	3		22.32	22.21	22.26		
1.4	1	5		22.63	22.21	22.55		
1.4	3	0		22.45	22.19	22.27		
1.4	3	1		22.35	22.30	22.43		
1.4	3	3		22.46	22.26	22.36		
1.4	6	0		21.33	21.18	21.23		
1.4	1	0	256-QAM	19.50	19.15	19.41	18.30	0.0676
1.4	1	3		19.49	18.99	19.18		
1.4	1	5		19.24	19.10	19.18		
1.4	3	0		19.14	19.01	18.97		
1.4	3	1		19.30	19.10	19.08		
1.4	3	3		19.17	19.16	19.06		
1.4	6	0		19.21	19.12	19.07		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.68	24.60	24.56	20.23	0.1054
10	1	25		24.36	24.36	24.35		
10	1	49		24.38	24.36	24.29		
10	25	0		23.50	23.47	23.49		
10	25	12		23.49	23.46	23.48		
10	25	25		23.45	23.44	23.44		
10	50	0		23.48	23.47	23.46		
10	1	0	16-QAM	23.76	23.77	23.74	19.32	0.0855
10	1	25		23.67	23.68	23.67		
10	1	49		23.76	23.71	23.64		
10	25	0		22.51	22.52	22.51		
10	25	12		22.50	22.50	22.49		
10	25	25		22.48	22.47	22.45		
10	50	0		22.46	22.47	22.45		
10	1	0	64-QAM	22.69	22.66	22.67	18.31	0.0678
10	1	25		22.54	22.54	22.48		
10	1	49		22.76	22.55	22.50		
10	25	0		21.51	21.45	21.47		
10	25	12		21.45	21.44	21.43		
10	25	25		21.40	21.41	21.39		
10	50	0		21.43	21.48	21.46		
10	1	0	256-QAM	19.32	19.45	19.27	15.00	0.0316
10	1	25		19.01	19.21	18.96		
10	1	49		19.10	19.29	19.10		
10	25	0		19.12	19.27	19.04		
10	25	12		19.05	19.19	18.94		
10	25	25		18.97	19.16	18.95		
10	50	0		19.04	19.22	19.02		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.50	24.54	24.48	20.10	0.1023
5	1	12		24.49	24.50	24.47		
5	1	24		24.52	24.55	24.50		
5	12	0		23.52	23.57	23.57		
5	12	7		23.57	23.57	23.57		
5	12	13		23.57	23.56	23.56		
5	25	0		23.56	23.53	23.54		
5	1	0	16-QAM	23.83	23.87	23.86	19.43	0.0877
5	1	12		23.79	23.84	23.81		
5	1	24		23.88	23.86	23.82		
5	12	0		22.58	22.60	22.60		
5	12	7		22.59	22.61	22.61		
5	12	13		22.58	22.61	22.60		
5	25	0		22.57	22.53	22.50		
5	1	0	64-QAM	22.78	22.63	22.66	18.33	0.0681
5	1	12		22.71	22.59	22.61		
5	1	24		22.75	22.62	22.65		
5	12	0		21.63	21.54	21.57		
5	12	7		21.58	21.59	21.53		
5	12	13		21.57	21.59	21.52		
5	25	0		21.57	21.52	21.53		
5	1	0	256-QAM	19.39	19.56	19.57	15.13	0.0326
5	1	12		19.54	19.49	19.37		
5	1	24		19.45	19.58	19.40		
5	12	0		19.56	19.52	19.55		
5	12	7		19.54	19.50	19.40		
5	12	13		19.49	19.49	19.41		
5	25	0		19.50	19.48	19.45		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.56	24.53	24.53	20.11	0.1026
3	1	8		24.38	24.38	24.37		
3	1	14		24.45	24.47	24.45		
3	8	0		23.45	23.48	23.47		
3	8	4		23.49	23.49	23.48		
3	8	7		23.51	23.51	23.50		
3	15	0		23.53	23.52	23.52		
3	1	0	16-QAM	23.84	23.78	23.83	19.39	0.0869
3	1	8		23.68	23.68	23.67		
3	1	14		23.81	23.75	23.72		
3	8	0		22.53	22.52	22.51		
3	8	4		22.57	22.57	22.53		
3	8	7		22.58	22.52	22.49		
3	15	0		22.49	22.50	22.48		
3	1	0	64-QAM	22.62	22.49	22.58	18.27	0.0671
3	1	8		22.59	22.52	22.48		
3	1	14		22.72	22.60	22.49		
3	8	0		21.52	21.52	21.45		
3	8	4		21.52	21.50	21.46		
3	8	7		21.56	21.58	21.46		
3	15	0		21.53	21.53	21.49		
3	1	0	256-QAM	19.52	19.45	19.63	15.24	0.0334
3	1	8		19.59	19.50	19.44		
3	1	14		19.64	19.69	19.47		
3	8	0		19.64	19.57	19.58		
3	8	4		19.57	19.56	19.47		
3	8	7		19.56	19.57	19.54		
3	15	0		19.52	19.54	19.52		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.49	24.47	24.46	20.06	0.1014
1.4	1	3		24.40	24.37	24.35		
1.4	1	5		24.44	24.49	24.48		
1.4	3	0		24.37	24.39	24.38		
1.4	3	1		24.46	24.51	24.49		
1.4	3	3		24.50	24.51	24.51		
1.4	6	0		23.50	23.51	23.52		
1.4	1	0	16-QAM	23.69	23.74	23.77	19.39	0.0869
1.4	1	3		23.64	23.59	23.65		
1.4	1	5		23.80	23.70	23.84		
1.4	3	0		23.52	23.51	23.50		
1.4	3	1		23.56	23.52	23.61		
1.4	3	3		23.58	23.53	23.52		
1.4	6	0		22.59	22.57	22.59		
1.4	1	0	64-QAM	22.62	22.55	22.63	18.21	0.0662
1.4	1	3		22.49	22.57	22.51		
1.4	1	5		22.60	22.54	22.56		
1.4	3	0		22.53	22.48	22.50		
1.4	3	1		22.66	22.61	22.61		
1.4	3	3		22.55	22.59	22.56		
1.4	6	0		21.46	21.50	21.46		
1.4	1	0	256-QAM	19.52	19.52	19.43	15.15	0.0327
1.4	1	3		19.49	19.49	19.48		
1.4	1	5		19.60	19.60	19.60		
1.4	3	0		19.54	19.46	19.53		
1.4	3	1		19.56	19.56	19.48		
1.4	3	3		19.43	19.60	19.49		
1.4	6	0		19.42	19.59	19.51		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 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	24.81	24.80	24.67	24.01	0.2518
20	1	49		24.72	24.74	24.65		
20	1	99		24.75	24.76	24.61		
20	50	0		23.95	23.80	23.71		
20	50	24		23.95	23.80	23.70		
20	50	50		23.94	23.80	23.64		
20	100	0		23.96	23.80	23.76		
20	1	0	16-QAM	24.15	24.19	24.04	23.51	0.2244
20	1	49		24.00	24.02	23.94		
20	1	99		24.31	24.07	24.12		
20	50	0		22.88	22.65	22.71		
20	50	24		22.93	22.80	22.74		
20	50	50		22.97	22.82	22.81		
20	100	0		22.89	22.78	22.75		
20	1	0	64-QAM	23.00	23.09	22.94	22.38	0.1730
20	1	49		22.87	22.93	22.94		
20	1	99		23.18	22.93	23.08		
20	50	0		21.92	21.83	21.77		
20	50	24		21.96	21.85	21.81		
20	50	50		22.02	21.88	21.87		
20	100	0		21.95	21.70	21.75		
20	1	0	256-QAM	20.13	20.24	20.14	19.44	0.0879
20	1	49		19.75	19.96	19.78		
20	1	99		19.61	19.80	19.60		
20	50	0		19.48	19.64	19.45		
20	50	24		19.40	19.61	19.43		
20	50	50		19.55	19.71	19.61		
20	100	0		19.41	19.58	19.40		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	24.79	24.80	24.71	24.00	0.2512
15	1	37		24.80	24.74	24.73		
15	1	74		24.78	24.80	24.80		
15	36	0		23.83	23.75	23.66		
15	36	20		23.87	23.74	23.70		
15	36	39		23.86	23.75	23.73		
15	75	0		23.87	23.79	23.72		
15	1	0	16-QAM	23.98	24.02	23.83	23.29	0.2133
15	1	37		23.95	23.84	23.87		
15	1	74		24.09	23.89	23.98		
15	36	0		22.78	22.75	22.69		
15	36	20		22.82	22.75	22.76		
15	36	39		22.87	22.78	22.78		
15	75	0		22.87	22.82	22.76		
15	1	0	64-QAM	22.81	22.96	22.87	22.16	0.1644
15	1	37		22.78	22.75	22.79		
15	1	74		22.87	22.79	22.93		
15	36	0		21.80	21.81	21.73		
15	36	20		21.85	21.78	21.76		
15	36	39		21.90	21.80	21.82		
15	75	0		21.92	21.81	21.81		
15	1	0	256-QAM	19.91	19.93	19.91	19.31	0.0853
15	1	37		20.03	19.96	19.96		
15	1	74		20.11	19.88	19.74		
15	36	0		19.90	19.85	19.98		
15	36	20		19.93	19.77	19.79		
15	36	39		19.97	19.74	19.79		
15	75	0		19.83	19.65	19.84		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	24.75	24.70	24.61	23.98	0.2500
10	1	25		24.72	24.65	24.58		
10	1	49		24.78	24.61	24.65		
10	25	0		23.78	23.69	23.62		
10	25	12		23.79	23.76	23.64		
10	25	25		23.80	23.79	23.68		
10	50	0		23.80	23.77	23.66		
10	1	0	16-QAM	24.04	23.96	23.88	23.24	0.2109
10	1	25		23.93	23.87	23.87		
10	1	49		24.02	23.97	23.88		
10	25	0		22.78	22.76	22.67		
10	25	12		22.83	22.77	22.74		
10	25	25		22.85	22.76	22.75		
10	50	0		22.80	22.73	22.69		
10	1	0	64-QAM	22.94	22.97	22.83	22.22	0.1667
10	1	25		22.93	22.95	22.84		
10	1	49		23.02	22.98	22.86		
10	25	0		21.82	21.80	21.68		
10	25	12		21.84	21.78	21.75		
10	25	25		21.88	21.79	21.78		
10	50	0		21.89	21.80	21.76		
10	1	0	256-QAM	19.99	19.97	19.87	19.19	0.0830
10	1	25		19.84	19.88	19.72		
10	1	49		19.73	19.85	19.85		
10	25	0		19.83	19.83	19.80		
10	25	12		19.92	19.79	19.71		
10	25	25		19.96	19.80	19.68		
10	50	0		19.83	19.85	19.67		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 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	24.80	24.67	24.58	24.00	0.2512
5	1	12		24.74	24.54	24.51		
5	1	24		24.79	24.71	24.65		
5	12	0		23.81	23.72	23.63		
5	12	7		23.85	23.73	23.63		
5	12	13		23.84	23.72	23.64		
5	25	0		23.81	23.74	23.64		
5	1	0	16-QAM	24.03	24.02	23.91	23.29	0.2133
5	1	12		23.98	23.97	23.86		
5	1	24		24.09	24.08	23.97		
5	12	0		22.87	22.77	22.67		
5	12	7		22.88	22.79	22.71		
5	12	13		22.88	22.77	22.70		
5	25	0		22.83	22.75	22.64		
5	1	0	64-QAM	22.91	22.91	22.74	22.16	0.1644
5	1	12		22.86	22.76	22.73		
5	1	24		22.96	22.85	22.77		
5	12	0		21.80	21.81	21.71		
5	12	7		21.83	21.82	21.73		
5	12	13		21.83	21.80	21.71		
5	25	0		21.85	21.78	21.68		
5	1	0	256-QAM	20.01	19.80	19.72	19.28	0.0847
5	1	12		20.08	19.95	19.92		
5	1	24		20.07	19.95	19.84		
5	12	0		19.84	19.74	19.78		
5	12	7		19.94	19.81	19.72		
5	12	13		19.96	19.81	19.75		
5	25	0		19.85	19.71	19.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.78	24.87	24.80	19.92	0.0982
10	1	25		24.70	24.73	24.66		
10	1	49		24.75	24.74	24.69		
10	25	0		23.79	23.84	23.80		
10	25	12		23.75	23.83	23.75		
10	25	25		23.78	23.82	23.80		
10	50	0		23.78	23.82	23.81		
10	1	0	16-QAM	24.09	24.07	24.10	19.22	0.0836
10	1	25		24.04	24.08	24.01		
10	1	49		24.08	24.17	24.06		
10	25	0		22.79	22.80	22.81		
10	25	12		22.78	22.80	22.82		
10	25	25		22.77	22.83	22.83		
10	50	0		22.79	22.80	22.80		
10	1	0	64-QAM	22.98	23.03	23.00	18.10	0.0646
10	1	25		23.05	22.97	22.99		
10	1	49		23.02	23.04	22.98		
10	25	0		21.80	21.81	21.78		
10	25	12		21.78	21.85	21.77		
10	25	25		21.78	21.85	21.78		
10	50	0		21.78	21.85	21.81		
10	1	0	256-QAM	19.92	19.96	19.80	15.01	0.0317
10	1	25		19.57	19.66	19.42		
10	1	49		19.65	19.74	19.51		
10	25	0		19.57	19.62	19.41		
10	25	12		19.46	19.54	19.29		
10	25	25		19.44	19.53	19.29		
10	50	0		19.47	19.58	19.40		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.72	24.77	24.76	19.82	0.0959
5	1	12		24.77	24.72	24.76		
5	1	24		24.70	24.71	24.68		
5	12	0		23.93	23.87	23.92		
5	12	7		23.92	23.94	23.94		
5	12	13		23.95	23.92	23.95		
5	25	0		23.92	23.90	23.90		
5	1	0	16-QAM	24.23	24.18	24.31	19.36	0.0863
5	1	12		24.13	24.12	24.28		
5	1	24		24.24	24.23	24.26		
5	12	0		22.98	22.92	23.00		
5	12	7		22.97	22.96	22.99		
5	12	13		22.94	22.97	22.96		
5	25	0		22.90	22.89	22.91		
5	1	0	64-QAM	23.14	23.09	23.11	18.19	0.0659
5	1	12		22.98	23.02	23.12		
5	1	24		22.92	23.13	23.09		
5	12	0		21.95	21.89	21.99		
5	12	7		21.97	21.92	22.02		
5	12	13		21.99	21.90	22.03		
5	25	0		21.89	21.85	21.91		
5	1	0	256-QAM	20.01	19.92	19.98	15.06	0.0321
5	1	12		19.78	19.76	19.83		
5	1	24		19.70	19.69	19.89		
5	12	0		19.83	19.85	19.77		
5	12	7		19.76	19.89	19.76		
5	12	13		19.77	19.76	19.76		
5	25	0		19.74	19.81	19.74		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.77	24.80	24.71	19.85	0.0966
3	1	8		24.72	24.65	24.65		
3	1	14		24.72	24.74	24.71		
3	8	0		23.95	23.90	23.87		
3	8	4		23.98	23.92	23.89		
3	8	7		23.95	23.94	23.92		
3	15	0		23.92	23.91	23.89		
3	1	0	16-QAM	24.24	24.22	24.26	19.31	0.0853
3	1	8		24.09	24.10	24.10		
3	1	14		24.15	24.19	24.16		
3	8	0		22.98	22.94	22.97		
3	8	4		22.99	22.98	22.97		
3	8	7		22.99	22.97	22.96		
3	15	0		22.95	22.89	22.93		
3	1	0	64-QAM	23.02	23.02	23.14	18.19	0.0659
3	1	8		22.98	22.96	23.07		
3	1	14		23.07	22.97	23.09		
3	8	0		21.99	21.92	22.01		
3	8	4		21.96	21.95	21.97		
3	8	7		21.95	22.00	21.99		
3	15	0		21.97	21.97	22.00		
3	1	0	256-QAM	19.92	19.94	19.96	15.01	0.0317
3	1	8		19.89	19.68	19.90		
3	1	14		19.90	19.81	19.87		
3	8	0		19.81	19.84	19.73		
3	8	4		19.79	19.73	19.85		
3	8	7		19.79	19.76	19.84		
3	15	0		19.76	19.74	19.77		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.75	24.79	24.77	19.85	0.0966
1.4	1	3		24.79	24.75	24.64		
1.4	1	5		24.78	24.79	24.80		
1.4	3	0		24.71	24.64	24.62		
1.4	3	1		24.67	24.73	24.70		
1.4	3	3		24.71	24.77	24.79		
1.4	6	0		23.98	23.96	23.94		
1.4	1	0	16-QAM	24.20	24.19	24.19	19.25	0.0841
1.4	1	3		24.04	24.13	24.13		
1.4	1	5		24.15	24.19	24.10		
1.4	3	0		23.92	23.90	23.91		
1.4	3	1		23.97	23.96	23.97		
1.4	3	3		24.07	23.99	23.95		
1.4	6	0		23.03	23.00	22.98		
1.4	1	0	64-QAM	23.03	23.07	23.06	18.16	0.0655
1.4	1	3		23.02	22.99	22.99		
1.4	1	5		23.11	23.03	23.03		
1.4	3	0		22.94	22.94	22.96		
1.4	3	1		23.06	23.02	23.04		
1.4	3	3		23.06	23.04	22.99		
1.4	6	0		21.97	21.90	21.96		
1.4	1	0	256-QAM	19.89	20.07	19.95	15.12	0.0325
1.4	1	3		19.79	19.75	19.80		
1.4	1	5		19.85	19.91	19.77		
1.4	3	0		19.76	19.82	19.74		
1.4	3	1		19.77	19.77	19.81		
1.4	3	3		19.81	19.76	19.94		
1.4	6	0		19.74	19.77	19.76		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.73	-	20.18	0.1042
10	1	25			24.57			
10	1	49			24.57			
10	25	0			23.80			
10	25	12			23.77			
10	25	25			23.72			
10	50	0			23.80			
10	1	0	16-QAM		23.99		19.45	0.0881
10	1	25			24.00			
10	1	49			23.95			
10	25	0			22.81			
10	25	12			22.77			
10	25	25			22.76			
10	50	0			22.76			
10	1	0	64-QAM		22.89		18.38	0.0689
10	1	25			22.87			
10	1	49			22.93			
10	25	0			21.78			
10	25	12			21.81			
10	25	25			21.77			
10	50	0			21.81			
10	1	0	256-QAM		20.03		15.48	0.0353
10	1	25			19.82			
10	1	49			19.77			
10	25	0			19.89			
10	25	12			19.69			
10	25	25			19.60			
10	50	0			19.61			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.70	24.72	24.69	20.17	0.1040
5	1	12		24.66	24.69	24.67		
5	1	24		24.72	24.68	24.64		
5	12	0		23.70	23.70	23.67		
5	12	7		23.72	23.67	23.67		
5	12	13		23.71	23.62	23.64		
5	25	0		23.76	23.65	23.66		
5	1	0	16-QAM	23.84	23.90	23.91	19.39	0.0869
5	1	12		23.80	23.88	23.84		
5	1	24		23.94	23.93	23.92		
5	12	0		22.71	22.70	22.71		
5	12	7		22.75	22.78	22.73		
5	12	13		22.73	22.79	22.73		
5	25	0		22.74	22.71	22.68		
5	1	0	64-QAM	22.82	22.83	22.89	18.34	0.0682
5	1	12		22.74	22.79	22.77		
5	1	24		22.76	22.79	22.75		
5	12	0		21.65	21.74	21.74		
5	12	7		21.69	21.79	21.72		
5	12	13		21.76	21.80	21.74		
5	25	0		21.69	21.69	21.68		
5	1	0	256-QAM	19.97	20.16	20.07	15.61	0.0364
5	1	12		19.94	19.90	19.98		
5	1	24		19.82	19.97	19.89		
5	12	0		19.92	19.94	19.93		
5	12	7		19.91	19.90	19.88		
5	12	13		19.85	19.96	19.85		
5	25	0		19.88	19.88	19.87		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.85	24.85	24.86	19.91	0.0979
10	1	25		24.79	24.80	24.82		
10	1	49		24.84	24.83	24.85		
10	25	0		23.92	23.86	24.02		
10	25	12		23.91	23.84	24.02		
10	25	25		23.88	23.86	24.01		
10	50	0		23.91	23.85	23.98		
10	1	0	16-QAM	24.09	24.07	24.22	19.27	0.0845
10	1	25		24.07	23.97	24.17		
10	1	49		24.16	24.03	24.17		
10	25	0		22.91	22.92	23.00		
10	25	12		22.92	22.91	22.98		
10	25	25		22.93	22.91	22.99		
10	50	0		22.89	22.91	22.96		
10	1	0	64-QAM	23.05	23.07	23.20	18.25	0.0668
10	1	25		23.13	23.01	23.13		
10	1	49		23.10	23.10	23.12		
10	25	0		21.91	21.89	21.97		
10	25	12		21.95	21.89	21.95		
10	25	25		21.93	21.90	21.97		
10	50	0		21.96	21.93	22.00		
10	1	0	256-QAM	20.00	20.25	20.16	15.30	0.0339
10	1	25		19.43	19.78	19.64		
10	1	49		19.50	19.85	19.75		
10	25	0		19.66	19.92	19.80		
10	25	12		19.33	19.61	19.50		
10	25	25		19.31	19.57	19.42		
10	50	0		19.39	19.70	19.56		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.75	24.77	24.81	19.88	0.0973
5	1	12		24.70	24.70	24.72		
5	1	24		24.80	24.83	24.76		
5	12	0		23.80	23.82	23.85		
5	12	7		23.79	23.82	23.87		
5	12	13		23.80	23.83	23.83		
5	25	0		23.81	23.82	23.81		
5	1	0	16-QAM	24.02	24.15	24.15	19.2	0.0832
5	1	12		24.05	24.02	24.04		
5	1	24		24.10	24.11	24.06		
5	12	0		22.81	22.88	22.91		
5	12	7		22.81	22.88	22.91		
5	12	13		22.82	22.87	22.89		
5	25	0		22.80	22.79	22.82		
5	1	0	64-QAM	22.86	22.93	22.94	18.01	0.0632
5	1	12		22.81	22.93	22.91		
5	1	24		22.90	22.96	22.87		
5	12	0		21.79	21.82	21.89		
5	12	7		21.81	21.84	21.92		
5	12	13		21.83	21.85	21.89		
5	25	0		21.79	21.79	21.85		
5	1	0	256-QAM	20.13	20.11	20.09	15.18	0.0330
5	1	12		20.03	19.93	20.00		
5	1	24		20.04	19.90	20.06		
5	12	0		20.07	19.98	19.91		
5	12	7		19.94	19.92	19.88		
5	12	13		19.89	19.88	19.87		
5	25	0		19.93	19.93	19.81		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.76	24.88	24.76	20.43	0.1104
15	1	37		24.37	24.50	24.47		
15	1	74		24.48	24.46	24.38		
15	36	0		23.62	23.50	23.61		
15	36	20		23.60	23.56	23.59		
15	36	39		23.56	23.56	23.56		
15	75	0		23.57	23.60	23.59		
15	1	0	16-QAM	23.86	24.07	23.95	19.62	0.0916
15	1	37		23.91	23.92	23.90		
15	1	74		23.95	24.03	23.82		
15	36	0		22.60	22.64	22.64		
15	36	20		22.60	22.65	22.60		
15	36	39		22.59	22.57	22.56		
15	75	0		22.57	22.64	22.58		
15	1	0	64-QAM	22.87	22.85	22.85	18.42	0.0695
15	1	37		22.81	22.68	22.80		
15	1	74		22.75	22.61	22.54		
15	36	0		21.59	21.62	21.03		
15	36	20		21.57	21.73	21.06		
15	36	39		21.56	21.39	21.08		
15	75	0		21.51	21.74	21.04		
15	1	0	256-QAM	19.65	19.52	19.57	15.26	0.0336
15	1	37		19.69	19.71	19.57		
15	1	74		19.63	19.62	19.49		
15	36	0		18.53	18.31	18.54		
15	36	20		18.52	18.49	18.47		
15	36	39		18.54	18.68	18.48		
15	75	0		18.58	18.65	18.54		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.67	24.72	24.56	20.27	0.1064
10	1	25		24.49	24.52	24.49		
10	1	49		24.48	24.53	24.48		
10	25	0		23.69	23.69	23.70		
10	25	12		23.58	23.65	23.68		
10	25	25		23.58	23.69	23.65		
10	50	0		23.60	23.79	23.69		
10	1	0	16-QAM	23.81	23.93	23.97	19.52	0.0895
10	1	25		23.97	23.82	23.78		
10	1	49		23.95	23.81	23.65		
10	25	0		22.74	22.68	22.75		
10	25	12		22.72	22.77	22.70		
10	25	25		22.65	22.69	22.69		
10	50	0		22.80	22.70	22.67		
10	1	0	64-QAM	22.89	22.87	22.88	18.51	0.0710
10	1	25		22.77	22.83	22.81		
10	1	49		22.83	22.96	22.70		
10	25	0		21.80	21.59	21.68		
10	25	12		21.74	21.61	21.64		
10	25	25		21.57	21.65	21.62		
10	50	0		21.81	21.71	21.68		
10	1	0	256-QAM	19.90	19.86	19.78	15.45	0.0351
10	1	25		19.49	19.77	19.74		
10	1	49		19.63	19.83	19.69		
10	25	0		18.62	19.12	18.80		
10	25	12		18.73	18.58	18.65		
10	25	25		18.57	18.68	18.63		
10	50	0		18.79	18.83	18.69		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.61	24.77	24.72	20.32	0.1076
5	1	12		24.60	24.56	24.64		
5	1	24		24.59	24.75	24.69		
5	12	0		23.72	23.74	23.72		
5	12	7		23.74	23.72	23.74		
5	12	13		23.67	23.79	23.69		
5	25	0		23.55	23.63	23.68		
5	1	0	16-QAM	23.87	24.08	23.99	19.63	0.0918
5	1	12		23.93	23.97	23.86		
5	1	24		23.93	23.92	23.86		
5	12	0		22.73	22.78	22.74		
5	12	7		22.85	22.79	22.78		
5	12	13		22.85	22.65	22.73		
5	25	0		22.77	22.73	22.68		
5	1	0	64-QAM	22.74	22.93	22.91	18.48	0.0705
5	1	12		22.63	22.67	22.74		
5	1	24		22.80	22.88	22.71		
5	12	0		21.70	21.74	21.77		
5	12	7		21.72	21.75	21.77		
5	12	13		21.75	21.82	21.73		
5	25	0		21.64	21.77	21.66		
5	1	0	256-QAM	19.71	19.69	19.70	15.26	0.0336
5	1	12		19.54	19.63	19.60		
5	1	24		19.58	19.54	19.63		
5	12	0		18.86	18.67	18.76		
5	12	7		18.64	18.62	18.65		
5	12	13		18.63	18.54	18.52		
5	25	0		18.69	18.54	18.59		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.74	24.69	24.44	20.29	0.1069
3	1	8		24.59	24.50	24.49		
3	1	14		24.65	24.66	24.59		
3	8	0		23.52	23.65	23.63		
3	8	4		23.66	23.63	23.58		
3	8	7		23.72	23.67	23.66		
3	15	0		23.56	23.65	23.61		
3	1	0	16-QAM	23.71	23.83	23.88	19.48	0.0887
3	1	8		23.66	23.64	23.64		
3	1	14		23.93	23.83	23.88		
3	8	0		22.56	22.73	22.67		
3	8	4		22.74	22.63	22.66		
3	8	7		22.72	22.66	22.64		
3	15	0		22.60	22.67	22.59		
3	1	0	64-QAM	22.76	22.69	22.88	18.47	0.0703
3	1	8		22.87	22.61	22.74		
3	1	14		22.92	22.79	22.74		
3	8	0		21.64	21.67	21.59		
3	8	4		21.61	21.54	21.57		
3	8	7		21.77	21.71	21.59		
3	15	0		21.65	21.58	21.59		
3	1	0	256-QAM	19.67	19.60	19.72	15.38	0.0345
3	1	8		19.56	19.62	19.50		
3	1	14		19.83	19.62	19.62		
3	8	0		18.74	18.68	18.64		
3	8	4		18.66	18.77	18.59		
3	8	7		18.84	18.81	18.55		
3	15	0		18.77	18.64	18.55		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.66	23.52	23.51	19.26	0.0843
1.4	1	3		23.70	23.70	23.56		
1.4	1	5		23.65	23.68	23.60		
1.4	3	0		23.45	23.49	23.50		
1.4	3	1		23.61	23.71	23.52		
1.4	3	3		23.68	23.59	23.60		
1.4	6	0		22.54	22.61	22.60		
1.4	1	0	16-QAM	22.83	22.61	22.54	18.55	0.0716
1.4	1	3		22.75	22.70	22.64		
1.4	1	5		23.00	22.77	22.77		
1.4	3	0		22.65	22.54	22.65		
1.4	3	1		22.76	22.78	22.69		
1.4	3	3		22.69	22.70	22.69		
1.4	6	0		21.74	21.72	21.61		
1.4	1	0	64-QAM	21.78	21.70	21.67	17.51	0.0564
1.4	1	3		21.74	21.54	21.64		
1.4	1	5		21.87	21.87	21.60		
1.4	3	0		21.73	21.61	21.51		
1.4	3	1		21.96	21.71	21.79		
1.4	3	3		21.69	21.70	21.67		
1.4	6	0		20.68	20.71	20.50		
1.4	1	0	256-QAM	18.58	18.63	18.67	15.18	0.0330
1.4	1	3		18.68	18.73	18.69		
1.4	1	5		18.80	19.63	18.72		
1.4	3	0		18.75	18.84	18.76		
1.4	3	1		18.76	18.73	18.77		
1.4	3	3		18.90	18.69	18.79		
1.4	6	0		17.76	17.74	17.77		
Limit	ERP < 7W			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)
20	1	0	QPSK	25.98	25.74	25.62	25.18	0.3296
20	1	49		25.82	25.59	25.49		
20	1	99		25.93	25.66	25.59		
20	50	0		23.98	23.75	23.63		
20	50	24		23.97	23.71	23.63		
20	50	50		23.96	23.70	23.60		
20	100	0		23.94	23.71	23.61		
20	1	0	16-QAM	24.27	24.07	23.94	23.47	0.2223
20	1	49		23.89	23.60	23.79		
20	1	99		24.19	23.86	23.86		
20	50	0		22.96	22.70	22.59		
20	50	24		22.93	22.68	22.59		
20	50	50		22.90	22.66	22.56		
20	100	0		22.96	22.70	22.60		
20	1	0	64-QAM	23.01	22.82	22.65	22.21	0.1663
20	1	49		22.91	22.64	22.47		
20	1	99		22.99	22.72	22.64		
20	50	0		21.97	21.71	21.59		
20	50	24		21.91	21.66	21.58		
20	50	50		21.90	21.65	21.56		
20	100	0		21.91	21.67	21.57		
20	1	0	256-QAM	22.88	22.58	22.72	22.08	0.1614
20	1	49		22.35	22.14	22.24		
20	1	99		22.38	22.16	22.24		
20	50	0		21.80	21.59	21.65		
20	50	24		21.77	21.52	21.60		
20	50	50		21.76	21.48	21.53		
20	100	0		21.70	21.50	21.55		
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	25.68	25.40	25.30	24.88	0.3076
15	1	37		25.58	25.29	25.22		
15	1	74		25.65	25.36	25.30		
15	36	0		23.72	23.44	23.34		
15	36	20		23.68	23.41	23.36		
15	36	39		23.71	23.42	23.35		
15	75	0		23.69	23.42	23.32		
15	1	0	16-QAM	23.96	23.80	23.66	23.30	0.2138
15	1	37		24.04	23.84	23.72		
15	1	74		24.10	23.78	23.71		
15	36	0		22.69	22.38	22.30		
15	36	20		22.61	22.34	22.24		
15	36	39		22.62	22.36	22.27		
15	75	0		22.70	22.40	22.34		
15	1	0	64-QAM	22.74	22.60	22.42	22.09	0.1618
15	1	37		22.37	22.08	22.00		
15	1	74		22.89	22.62	22.54		
15	36	0		21.69	21.41	21.32		
15	36	20		21.65	21.36	21.30		
15	36	39		21.65	21.36	21.31		
15	75	0		21.67	21.35	21.31		
15	1	0	256-QAM	22.78	22.40	22.57	21.98	0.1578
15	1	37		22.29	22.08	22.09		
15	1	74		22.19	22.07	22.07		
15	36	0		21.77	21.57	21.53		
15	36	20		21.67	21.39	21.48		
15	36	39		21.58	21.48	21.34		
15	75	0		21.65	21.49	21.46		
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	25.68	25.38	25.28	25.10	0.3236
10	1	25		25.90	25.60	25.49		
10	1	49		25.65	25.37	25.30		
10	25	0		23.73	23.41	23.33		
10	25	12		23.71	23.40	23.31		
10	25	25		23.71	23.38	23.32		
10	50	0		23.78	23.45	23.39		
10	1	0	16-QAM	23.91	23.77	23.68	23.11	0.2046
10	1	25		23.43	23.64	23.51		
10	1	49		23.77	23.76	23.69		
10	25	0		22.67	22.38	22.28		
10	25	12		22.65	22.36	22.28		
10	25	25		22.65	22.34	22.29		
10	50	0		22.73	22.41	22.35		
10	1	0	64-QAM	22.78	22.49	22.40	22.30	0.1698
10	1	25		23.09	23.10	22.71		
10	1	49		22.74	22.48	22.35		
10	25	0		21.70	21.38	21.29		
10	25	12		21.70	21.41	21.31		
10	25	25		21.70	21.40	21.35		
10	50	0		21.71	21.39	21.36		
10	1	0	256-QAM	22.84	22.38	22.69	22.04	0.1600
10	1	25		22.16	22.11	22.07		
10	1	49		22.19	21.99	22.04		
10	25	0		21.67	21.45	21.60		
10	25	12		21.76	21.38	21.57		
10	25	25		21.76	21.38	21.40		
10	50	0		21.58	21.39	21.35		
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)
5	1	0	QPSK	25.65	25.32	25.28	24.85	0.3055
5	1	12		25.44	25.14	25.09		
5	1	24		25.61	25.29	25.26		
5	12	0		23.72	23.39	23.34		
5	12	7		23.73	23.42	23.36		
5	12	13		23.73	23.39	23.36		
5	25	0		23.74	23.36	23.32		
5	1	0	16-QAM	23.67	23.73	23.27	23.40	0.2188
5	1	12		24.20	23.78	23.36		
5	1	24		24.11	23.76	23.72		
5	12	0		22.73	22.34	22.35		
5	12	7		22.77	22.41	22.38		
5	12	13		22.76	22.40	22.37		
5	25	0		22.77	22.43	22.35		
5	1	0	64-QAM	22.75	22.39	22.30	22.01	0.1589
5	1	12		22.18	21.94	21.97		
5	1	24		22.81	22.61	22.45		
5	12	0		21.78	21.38	21.31		
5	12	7		21.77	21.41	21.38		
5	12	13		21.73	21.39	21.35		
5	25	0		21.73	21.37	21.28		
5	1	0	256-QAM	22.88	22.52	22.58	22.08	0.1614
5	1	12		22.21	22.00	22.11		
5	1	24		22.25	21.96	22.23		
5	12	0		21.79	21.59	21.60		
5	12	7		21.65	21.44	21.53		
5	12	13		21.69	21.36	21.45		
5	25	0		21.51	21.33	21.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	24.19	24.32	24.55	23.75	0.2371
20	1	49		23.90	24.08	24.28		
20	1	99		23.89	24.14	24.33		
20	50	0		22.01	22.15	22.34		
20	50	24		21.96	22.16	22.35		
20	50	50		22.04	22.21	22.37		
20	100	0		22.09	22.27	22.42		
20	1	0	16-QAM	22.12	22.30	22.49	21.69	0.1476
20	1	49		21.93	22.10	22.29		
20	1	99		22.02	22.18	22.40		
20	50	0		21.09	21.25	21.45		
20	50	24		21.05	21.23	21.42		
20	50	50		21.06	21.22	21.42		
20	100	0		21.06	21.24	21.45		
20	1	0	64-QAM	20.96	20.92	21.21	20.41	0.1099
20	1	49		20.76	20.77	20.99		
20	1	99		20.85	20.90	21.09		
20	50	0		20.06	20.22	20.47		
20	50	24		20.03	20.18	20.47		
20	50	50		20.07	20.20	20.48		
20	100	0		19.92	20.22	20.55		
20	1	0	256-QAM	21.21	21.23	21.39	20.59	0.1146
20	1	49		21.02	21.01	21.09		
20	1	99		20.98	21.04	21.19		
20	50	0		20.13	20.14	20.26		
20	50	24		20.08	20.09	20.25		
20	50	50		19.98	20.05	20.15		
20	100	0		20.13	20.12	20.19		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	24.01	24.07	24.29	23.56	0.2270
15	1	37		23.93	24.21	24.36		
15	1	74		23.84	24.04	24.22		
15	36	0		21.89	22.06	22.18		
15	36	20		21.84	22.05	22.24		
15	36	39		21.87	22.07	22.27		
15	75	0		21.96	22.07	22.28		
15	1	0	16-QAM	22.00	22.20	22.27	21.48	0.1406
15	1	37		21.62	22.07	22.10		
15	1	74		21.95	22.19	22.28		
15	36	0		20.88	20.99	21.20		
15	36	20		20.88	20.97	21.21		
15	36	39		20.88	20.99	21.21		
15	75	0		20.97	21.05	21.28		
15	1	0	64-QAM	20.93	20.94	21.10	20.71	0.1178
15	1	37		20.93	21.18	21.51		
15	1	74		20.71	20.87	21.08		
15	36	0		19.91	20.02	20.25		
15	36	20		19.67	19.77	20.23		
15	36	39		19.91	20.00	20.28		
15	75	0		19.97	20.03	20.27		
15	1	0	256-QAM	20.83	20.90	21.00	20.21	0.1050
15	1	37		20.93	21.00	21.01		
15	1	74		20.67	20.79	20.81		
15	36	0		19.69	19.83	19.89		
15	36	20		19.69	19.78	19.88		
15	36	39		19.63	19.75	19.82		
15	75	0		19.68	19.80	19.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	23.92	24.01	24.23	23.61	0.2296
10	1	25		23.87	24.19	24.41		
10	1	49		23.74	24.00	24.14		
10	25	0		21.80	22.02	22.14		
10	25	12		21.76	22.02	22.16		
10	25	25		21.81	22.01	22.25		
10	50	0		21.86	22.02	22.27		
10	1	0	16-QAM	21.90	22.05	22.25	21.52	0.1419
10	1	25		21.87	22.13	22.32		
10	1	49		21.80	22.03	22.23		
10	25	0		20.90	21.03	21.28		
10	25	12		20.87	21.06	21.27		
10	25	25		20.88	21.02	21.27		
10	50	0		20.85	20.98	21.22		
10	1	0	64-QAM	20.55	20.81	20.96	20.22	0.1052
10	1	25		20.63	20.74	20.93		
10	1	49		20.55	20.79	21.02		
10	25	0		19.83	19.98	20.22		
10	25	12		19.84	20.00	20.23		
10	25	25		19.92	19.99	20.23		
10	50	0		19.92	19.97	20.24		
10	1	0	256-QAM	20.79	20.78	20.95	20.15	0.1035
10	1	25		20.75	20.80	20.94		
10	1	49		20.63	20.71	20.80		
10	25	0		19.84	19.83	19.95		
10	25	12		19.80	19.81	19.96		
10	25	25		19.74	19.79	19.91		
10	50	0		19.78	19.78	19.95		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 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	23.84	23.74	24.19	23.67	0.2328
5	1	12		24.09	24.30	24.47		
5	1	24		23.64	23.96	24.16		
5	12	0		21.66	21.98	22.14		
5	12	7		21.72	21.96	22.16		
5	12	13		21.72	21.96	22.22		
5	25	0		21.79	21.99	22.24		
5	1	0	16-QAM	21.76	22.02	22.23	21.46	0.1400
5	1	12		21.59	21.71	22.02		
5	1	24		21.74	22.05	22.26		
5	12	0		20.70	20.87	21.13		
5	12	7		20.76	20.66	21.14		
5	12	13		20.74	20.87	21.12		
5	25	0		20.89	21.00	21.24		
5	1	0	64-QAM	20.57	20.86	20.99	20.55	0.1135
5	1	12		20.77	21.09	21.35		
5	1	24		20.51	20.81	20.94		
5	12	0		19.77	19.91	20.17		
5	12	7		19.74	19.91	20.16		
5	12	13		19.72	19.90	20.13		
5	25	0		19.80	19.97	20.20		
5	1	0	256-QAM	20.71	20.86	21.00	20.23	0.1054
5	1	12		20.76	20.95	21.03		
5	1	24		20.57	20.76	20.87		
5	12	0		19.52	19.72	19.80		
5	12	7		19.53	19.69	19.77		
5	12	13		19.57	19.70	19.80		
5	25	0		19.63	19.79	19.90		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(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	26.09	26.32	26.51	25.71	0.3724
20	1	49		25.87	26.07	26.36		
20	1	99		25.99	26.14	26.38		
20	50	0		24.08	24.20	24.46		
20	50	24		24.05	24.17	24.44		
20	50	50		24.09	24.25	24.52		
20	100	0		24.04	24.16	24.41		
20	1	0	16-QAM	24.34	24.48	24.66	23.86	0.2432
20	1	49		24.09	24.27	24.48		
20	1	99		24.14	24.31	24.53		
20	50	0		23.06	23.18	23.39		
20	50	24		23.07	23.21	23.40		
20	50	50		23.05	23.20	23.38		
20	100	0		23.02	23.23	23.40		
20	1	0	64-QAM	23.19	23.31	23.44	22.64	0.1837
20	1	49		22.98	23.10	23.29		
20	1	99		23.14	23.19	23.36		
20	50	0		22.05	22.25	22.50		
20	50	24		22.07	22.19	22.48		
20	50	50		22.11	22.18	22.52		
20	100	0		22.10	22.20	22.52		
20	1	0	256-QAM	23.05	23.18	23.56	22.76	0.1888
20	1	49		22.70	22.93	23.22		
20	1	99		22.78	22.96	23.33		
20	50	0		21.94	22.15	22.50		
20	50	24		21.92	22.08	22.44		
20	50	50		21.91	22.04	22.34		
20	100	0		21.95	22.05	22.40		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(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	25.91	25.97	26.25	25.45	0.3508
15	1	37		25.61	25.74	26.01		
15	1	74		25.82	25.96	26.22		
15	36	0		23.87	24.01	24.30		
15	36	20		23.85	24.00	24.29		
15	36	39		23.86	24.00	24.28		
15	75	0		23.85	23.97	24.25		
15	1	0	16-QAM	23.78	24.30	24.57	23.77	0.2382
15	1	37		23.93	24.00	24.52		
15	1	74		23.77	23.91	24.55		
15	36	0		22.81	22.92	23.23		
15	36	20		22.76	22.95	23.26		
15	36	39		22.78	22.94	23.23		
15	75	0		22.83	22.98	23.29		
15	1	0	64-QAM	22.95	23.05	23.16	22.38	0.1730
15	1	37		22.49	22.44	22.44		
15	1	74		23.03	23.10	23.18		
15	36	0		21.91	21.94	22.24		
15	36	20		21.88	21.95	22.22		
15	36	39		21.91	21.92	22.25		
15	75	0		21.89	21.92	22.24		
15	1	0	256-QAM	22.78	22.85	22.83	22.05	0.1603
15	1	37		22.71	22.78	22.72		
15	1	74		22.51	22.64	22.58		
15	36	0		21.68	21.82	21.79		
15	36	20		21.64	21.75	21.73		
15	36	39		21.56	21.71	21.60		
15	75	0		21.67	21.78	21.76		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(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	25.77	25.90	26.16	25.44	0.3499
10	1	25		25.82	25.98	26.24		
10	1	49		25.68	25.87	26.14		
10	25	0		23.77	23.93	24.24		
10	25	12		23.75	23.93	24.23		
10	25	25		23.78	23.94	24.24		
10	50	0		23.81	24.00	24.31		
10	1	0	16-QAM	24.08	24.22	24.52	23.72	0.2355
10	1	25		23.48	23.46	23.73		
10	1	49		23.66	23.85	24.14		
10	25	0		22.75	22.92	23.26		
10	25	12		22.74	22.92	23.26		
10	25	25		22.73	22.90	23.22		
10	50	0		22.83	23.01	23.28		
10	1	0	64-QAM	22.90	23.02	23.31	22.71	0.1866
10	1	25		23.09	23.25	23.51		
10	1	49		22.86	22.90	23.36		
10	25	0		21.87	21.91	22.20		
10	25	12		21.83	21.88	22.23		
10	25	25		21.81	21.89	22.22		
10	50	0		21.86	21.93	22.23		
10	1	0	256-QAM	22.74	22.72	22.81	22.01	0.1589
10	1	25		22.55	22.62	22.63		
10	1	49		22.57	22.65	22.69		
10	25	0		21.78	21.76	21.75		
10	25	12		21.70	21.75	21.81		
10	25	25		21.70	21.71	21.78		
10	50	0		21.71	21.74	21.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(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	25.70	25.91	26.15	25.35	0.3428
5	1	12		25.28	25.56	25.81		
5	1	24		25.58	25.88	26.08		
5	12	0		23.72	23.99	24.17		
5	12	7		23.70	23.99	24.16		
5	12	13		23.69	23.99	24.19		
5	25	0		23.71	23.96	24.16		
5	1	0	16-QAM	23.76	23.90	24.23	23.64	0.2312
5	1	12		23.89	23.92	24.44		
5	1	24		23.73	23.93	24.27		
5	12	0		22.69	22.96	23.24		
5	12	7		22.64	22.93	23.23		
5	12	13		22.69	23.03	23.25		
5	25	0		22.69	22.95	23.21		
5	1	0	64-QAM	22.75	23.04	23.06	22.37	0.1726
5	1	12		22.41	22.45	22.40		
5	1	24		22.82	23.10	23.17		
5	12	0		21.69	21.94	22.13		
5	12	7		21.80	21.96	22.24		
5	12	13		21.78	21.93	22.24		
5	25	0		21.74	21.90	22.22		
5	1	0	256-QAM	22.74	22.75	22.68	21.95	0.1567
5	1	12		22.70	22.73	22.59		
5	1	24		22.62	22.67	22.56		
5	12	0		21.75	21.82	21.67		
5	12	7		21.71	21.77	21.62		
5	12	13		21.65	21.75	21.67		
5	25	0		21.53	21.60	21.45		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 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	24.57	24.63	24.60	24.13	0.2588
20	1	49		24.41	24.48	24.47		
20	1	99		24.34	24.36	24.34		
20	50	0		23.58	23.66	23.60		
20	50	24		23.54	23.59	23.59		
20	50	50		23.51	23.52	23.53		
20	100	0		23.54	23.58	23.57		
20	1	0	16-QAM	23.98	23.99	23.93	23.49	0.2234
20	1	49		23.76	23.73	23.67		
20	1	99		23.75	23.69	23.65		
20	50	0		21.61	21.64	21.63		
20	50	24		21.57	21.57	21.61		
20	50	50		21.50	21.50	21.55		
20	100	0		21.55	21.54	21.57		
20	1	0	64-QAM	22.85	22.91	22.83	22.41	0.1742
20	1	49		22.68	22.71	22.61		
20	1	99		22.60	22.66	22.56		
20	50	0		21.63	21.67	21.69		
20	50	24		21.59	21.60	21.63		
20	50	50		21.52	21.52	21.56		
20	100	0		21.55	21.57	21.56		
20	1	0	256-QAM	19.55	19.43	19.54	19.15	0.0822
20	1	49		19.59	19.51	19.58		
20	1	99		19.62	19.58	19.65		
20	50	0		18.32	18.30	18.30		
20	50	24		18.37	18.26	18.27		
20	50	50		18.32	18.30	18.37		
20	100	0		18.32	18.24	18.28		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	24.42	24.45	24.49	23.99	0.2506
15	1	37		24.30	24.30	24.34		
15	1	74		24.34	24.32	24.37		
15	36	0		23.41	23.50	23.55		
15	36	20		23.40	23.45	23.48		
15	36	39		23.36	23.39	23.44		
15	75	0		23.39	23.44	23.50		
15	1	0	16-QAM	23.78	23.87	23.93	23.43	0.2203
15	1	37		23.72	23.76	23.64		
15	1	74		23.61	23.73	23.72		
15	36	0		21.49	21.52	21.52		
15	36	20		21.43	21.46	21.51		
15	36	39		21.40	21.39	21.45		
15	75	0		21.42	21.44	21.49		
15	1	0	64-QAM	22.73	22.69	22.76	22.26	0.1683
15	1	37		22.61	22.73	22.62		
15	1	74		22.57	22.55	22.53		
15	36	0		21.50	21.52	21.53		
15	36	20		21.45	21.47	21.50		
15	36	39		21.42	21.43	21.45		
15	75	0		21.43	21.45	21.49		
15	1	0	256-QAM	19.66	19.58	19.58	19.36	0.0863
15	1	37		19.86	19.48	19.30		
15	1	74		19.75	19.59	19.33		
15	36	0		18.44	18.48	18.40		
15	36	20		18.62	18.46	18.41		
15	36	39		18.57	18.49	18.37		
15	75	0		18.44	18.45	18.47		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	24.50	24.52	24.50	24.02	0.2523
10	1	25		24.35	24.27	24.22		
10	1	49		24.43	24.40	24.37		
10	25	0		23.48	23.50	23.52		
10	25	12		23.47	23.47	23.50		
10	25	25		23.48	23.45	23.44		
10	50	0		23.50	23.49	23.50		
10	1	0	16-QAM	23.75	23.82	23.71	23.32	0.2148
10	1	25		23.63	23.55	23.51		
10	1	49		23.61	23.53	23.60		
10	25	0		21.56	21.55	21.54		
10	25	12		21.57	21.53	21.51		
10	25	25		21.54	21.50	21.49		
10	50	0		21.49	21.47	21.46		
10	1	0	64-QAM	22.68	22.65	22.71	22.21	0.1663
10	1	25		22.50	22.65	22.59		
10	1	49		22.56	22.57	22.65		
10	25	0		21.55	21.48	21.46		
10	25	12		21.52	21.47	21.44		
10	25	25		21.48	21.43	21.46		
10	50	0		21.51	21.47	21.48		
10	1	0	256-QAM	19.48	19.60	19.58	19.10	0.0813
10	1	25		19.51	19.37	19.48		
10	1	49		19.56	19.43	19.35		
10	25	0		18.41	18.35	18.32		
10	25	12		18.47	18.40	18.28		
10	25	25		18.43	18.39	18.26		
10	50	0		18.47	18.31	18.38		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	24.53	24.49	24.48	24.03	0.2529
5	1	12		24.45	24.44	24.41		
5	1	24		24.48	24.47	24.46		
5	12	0		23.54	23.50	23.49		
5	12	7		23.52	23.49	23.49		
5	12	13		23.50	23.48	23.48		
5	25	0		23.54	23.51	23.50		
5	1	0	16-QAM	23.80	23.79	23.79	23.30	0.2138
5	1	12		23.69	23.63	23.67		
5	1	24		23.72	23.71	23.72		
5	12	0		21.58	21.52	21.51		
5	12	7		21.57	21.52	21.52		
5	12	13		21.53	21.48	21.49		
5	25	0		21.56	21.50	21.49		
5	1	0	64-QAM	22.69	22.58	22.61	22.19	0.1656
5	1	12		22.62	22.59	22.54		
5	1	24		22.67	22.58	22.57		
5	12	0		21.55	21.49	21.52		
5	12	7		21.51	21.50	21.50		
5	12	13		21.51	21.47	21.48		
5	25	0		21.54	21.47	21.45		
5	1	0	256-QAM	19.46	19.67	19.56	19.18	0.0828
5	1	12		19.68	19.47	19.36		
5	1	24		19.66	19.51	19.58		
5	12	0		18.48	18.40	18.39		
5	12	7		18.59	18.45	18.36		
5	12	13		18.55	18.44	18.33		
5	25	0		18.46	18.41	18.35		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	24.55	24.49	24.43	24.05	0.2541
3	1	8		24.46	24.37	24.31		
3	1	14		24.54	24.45	24.41		
3	8	0		23.56	23.47	23.44		
3	8	4		23.57	23.46	23.39		
3	8	7		23.54	23.50	23.43		
3	15	0		23.55	23.44	23.43		
3	1	0	16-QAM	23.87	23.73	23.62	23.37	0.2173
3	1	8		23.73	23.62	23.48		
3	1	14		23.78	23.64	23.52		
3	8	0		21.60	21.46	21.44		
3	8	4		21.62	21.45	21.43		
3	8	7		21.61	21.46	21.44		
3	15	0		21.56	21.45	21.43		
3	1	0	64-QAM	22.68	22.59	22.49	22.18	0.1652
3	1	8		22.60	22.53	22.45		
3	1	14		22.65	22.53	22.49		
3	8	0		21.59	21.42	21.40		
3	8	4		21.49	21.35	21.35		
3	8	7		21.63	21.42	21.39		
3	15	0		21.58	21.42	21.42		
3	1	0	256-QAM	19.61	19.62	19.56	19.19	0.0830
3	1	8		19.69	19.32	19.40		
3	1	14		19.55	19.51	19.42		
3	8	0		18.48	18.40	18.41		
3	8	4		19.49	18.39	18.34		
3	8	7		18.52	18.47	18.40		
3	15	0		18.49	18.33	18.32		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	24.48	24.40	24.43	24.05	0.2541
1.4	1	3		24.49	24.40	24.50		
1.4	1	5		24.55	24.43	24.46		
1.4	3	0		24.45	24.38	24.38		
1.4	3	1		24.51	24.42	24.44		
1.4	3	3		24.55	24.29	24.45		
1.4	6	0		23.57	23.46	23.50		
1.4	1	0	16-QAM	23.78	23.66	23.81	23.34	0.2158
1.4	1	3		23.76	23.49	23.73		
1.4	1	5		23.76	23.67	23.84		
1.4	3	0		23.52	23.40	23.50		
1.4	3	1		23.61	23.46	23.52		
1.4	3	3		23.61	23.53	23.69		
1.4	6	0		21.62	21.43	21.62		
1.4	1	0	64-QAM	22.68	22.34	22.69	22.28	0.1690
1.4	1	3		22.64	22.43	22.53		
1.4	1	5		22.78	22.46	22.63		
1.4	3	0		22.66	22.40	22.53		
1.4	3	1		22.69	22.47	22.60		
1.4	3	3		22.65	22.51	22.71		
1.4	6	0		21.55	21.40	21.58		
1.4	1	0	256-QAM	19.63	19.57	19.40	19.13	0.0818
1.4	1	3		19.56	19.38	19.52		
1.4	1	5		19.52	19.60	19.49		
1.4	3	0		19.40	19.44	19.41		
1.4	3	1		19.59	19.49	19.52		
1.4	3	3		19.63	19.22	19.38		
1.4	6	0		18.32	18.44	19.00		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	25.00	24.96	24.91	17.55	0.0569
20	1	49		24.82	24.74	24.58		
20	1	99		24.72	24.66	24.59		
20	50	0		23.95	23.82	23.81		
20	50	24		23.90	23.78	23.75		
20	50	50		23.83	23.73	23.72		
20	100	0		23.90	23.76	23.73		
20	1	0	16-QAM	24.21	24.04	24.22	16.77	0.0475
20	1	49		24.14	23.79	24.04		
20	1	99		24.13	23.94	23.83		
20	50	0		22.97	22.88	22.87		
20	50	24		22.91	22.87	22.84		
20	50	50		22.88	22.83	22.77		
20	100	0		22.88	22.82	22.80		
20	1	0	64-QAM	23.05	23.10	23.24	15.79	0.0379
20	1	49		23.03	23.03	23.11		
20	1	99		23.00	22.96	23.00		
20	50	0		21.98	21.96	21.93		
20	50	24		21.98	21.89	21.89		
20	50	50		21.93	21.85	21.82		
20	100	0		21.91	21.84	21.81		
20	1	0	256-QAM	19.88	19.93	20.02	12.57	0.0181
20	1	49		19.65	19.79	19.85		
20	1	99		19.64	19.70	19.79		
20	50	0		19.66	19.75	19.76		
20	50	24		19.56	19.67	19.72		
20	50	50		19.47	19.52	19.57		
20	100	0		19.65	19.74	19.75		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.96	24.81	24.79	17.51	0.0564
15	1	37		24.84	24.69	24.65		
15	1	74		24.82	24.67	24.70		
15	36	0		24.01	23.94	23.92		
15	36	20		23.99	23.92	23.88		
15	36	39		23.93	23.85	23.84		
15	75	0		23.93	23.83	23.83		
15	1	0	16-QAM	24.37	24.22	24.31	16.92	0.0492
15	1	37		24.07	24.12	24.27		
15	1	74		24.21	24.03	24.10		
15	36	0		23.01	22.93	22.96		
15	36	20		22.99	22.96	22.92		
15	36	39		22.98	22.91	22.86		
15	75	0		23.00	22.93	22.89		
15	1	0	64-QAM	23.27	23.05	23.06	15.82	0.0382
15	1	37		23.13	22.82	23.02		
15	1	74		23.04	22.92	22.88		
15	36	0		22.02	22.00	22.00		
15	36	20		22.05	21.96	21.95		
15	36	39		22.03	21.95	21.93		
15	75	0		22.00	21.89	21.91		
15	1	0	256-QAM	20.24	20.30	20.26	12.85	0.0193
15	1	37		20.15	20.08	19.93		
15	1	74		19.98	19.86	19.77		
15	36	0		20.10	19.95	19.94		
15	36	20		19.91	19.86	19.82		
15	36	39		19.84	19.69	19.73		
15	75	0		19.96	19.95	19.85		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.98	24.99	24.95	17.54	0.0568
10	1	25		24.98	24.86	24.77		
10	1	49		24.99	24.85	24.83		
10	25	0		24.00	23.91	23.91		
10	25	12		23.98	23.92	23.90		
10	25	25		23.96	23.86	23.89		
10	50	0		24.02	23.92	23.92		
10	1	0	16-QAM	24.19	24.23	24.16	16.82	0.0481
10	1	25		24.14	24.22	24.18		
10	1	49		24.27	24.24	24.12		
10	25	0		22.99	22.98	22.97		
10	25	12		22.99	22.97	22.96		
10	25	25		22.99	22.94	22.93		
10	50	0		23.02	22.96	22.97		
10	1	0	64-QAM	23.22	23.19	23.02	15.78	0.0378
10	1	25		23.11	23.23	23.14		
10	1	49		23.15	23.15	23.01		
10	25	0		22.05	22.01	21.97		
10	25	12		22.01	21.96	21.97		
10	25	25		22.01	21.96	21.98		
10	50	0		22.06	22.03	22.03		
10	1	0	256-QAM	20.13	20.20	20.19	12.75	0.0188
10	1	25		20.00	19.99	19.95		
10	1	49		19.78	19.93	19.75		
10	25	0		20.03	20.06	19.95		
10	25	12		19.92	19.82	19.84		
10	25	25		19.87	19.74	19.82		
10	50	0		19.94	19.94	19.84		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.95	24.96	24.90	17.54	0.0568
5	1	12		24.89	24.88	24.83		
5	1	24		24.99	24.91	24.85		
5	12	0		24.02	23.98	23.95		
5	12	7		24.01	24.00	23.96		
5	12	13		24.02	23.98	23.92		
5	25	0		23.95	23.94	23.87		
5	1	0	16-QAM	24.46	24.34	24.32	17.01	0.0502
5	1	12		24.33	24.26	24.20		
5	1	24		24.40	24.36	24.22		
5	12	0		23.04	23.06	23.01		
5	12	7		23.10	23.08	23.00		
5	12	13		23.11	23.04	22.97		
5	25	0		23.02	22.99	22.95		
5	1	0	64-QAM	23.23	23.16	23.18	15.78	0.0378
5	1	12		23.16	23.08	23.07		
5	1	24		23.17	23.11	22.96		
5	12	0		22.08	22.07	22.04		
5	12	7		22.11	22.07	21.99		
5	12	13		22.12	22.08	21.93		
5	25	0		22.04	21.99	21.94		
5	1	0	256-QAM	19.98	19.99	19.96	12.59	0.0182
5	1	12		20.04	19.85	19.90		
5	1	24		19.96	19.84	19.85		
5	12	0		19.95	19.97	19.82		
5	12	7		19.95	19.85	19.82		
5	12	13		19.92	19.84	19.82		
5	25	0		19.94	19.85	19.80		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.3 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	21.49	21.44	21.55	18.93	0.0782
10+10	1	0	1	49		16.86	16.74	16.56		
10+10	1	49	1	0		23.20	23.24	23.38		
10+10	50	0	50	0	16-QAM	20.49	20.51	20.56	18.40	0.0692
10+10	1	0	1	49		17.19	17.09	16.87		
10+10	1	49	1	0		22.59	22.59	22.85		
10+10	50	0	50	0	64-QAM	20.50	20.48	20.51	16.21	0.0418
10+10	1	0	1	49		17.15	17.11	16.91		
10+10	1	49	1	0		20.33	20.36	20.66		
10+10	50	0	50	0	256-QAM	18.40	18.26	18.16	13.95	0.0248
10+10	1	0	1	49		17.17	16.91	16.82		
10+10	1	49	1	0		18.08	18.07	18.09		
10+5	50	0	25	0	QPSK	21.58	21.66	21.54	18.90	0.0776
10+5	1	0	1	24		15.11	14.89	14.33		
10+5	1	49	1	0		23.25	23.26	23.35		
10+5	50	0	25	0	16-QAM	20.59	20.65	20.55	18.30	0.0676
10+5	1	0	1	24		15.52	15.54	14.94		
10+5	1	49	1	0		22.75	22.64	22.69		
10+5	50	0	25	0	64-QAM	20.56	20.61	20.51	16.18	0.0415
10+5	1	0	1	24		15.47	15.08	14.82		
10+5	1	49	1	0		20.31	20.57	20.63		
10+5	50	0	25	0	256-QAM	18.68	18.46	18.32	14.23	0.0265
10+5	1	0	1	24		14.90	15.11	14.59		
10+5	1	49	1	0		18.31	18.29	18.47		
5+10	25	0	50	0	QPSK	21.44	21.33	21.36	18.96	0.0787
5+10	1	0	1	49		14.52	14.58	14.23		
5+10	1	24	1	0		23.31	23.30	23.41		
5+10	25	0	50	0	16-QAM	20.43	20.31	20.41	18.33	0.0681
5+10	1	0	1	49		15.40	14.93	14.87		
5+10	1	24	1	0		22.46	22.49	22.78		
5+10	25	0	50	0	64-QAM	20.43	20.27	20.47	16.26	0.0423
5+10	1	0	1	49		15.01	14.94	14.70		
5+10	1	24	1	0		20.71	20.49	20.58		
5+10	25	0	50	0	256-QAM	18.62	18.32	18.25	14.24	0.0265
5+10	1	0	1	49		14.87	14.84	14.63		
5+10	1	24	1	0		18.69	18.35	18.42		
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.3 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	23.61	23.19	23.40	19.16	0.0824
5+3	1	0	1	14		20.92	22.83	22.08		
5+3	1	24	1	0		23.48	22.94	23.13		
5+3	25	0	15	0	16-QAM	23.63	23.18	23.57	20.06	0.1014
5+3	1	0	1	14		22.74	23.80	24.51		
5+3	1	24	1	0		24.00	23.38	23.62		
5+3	25	0	15	0	64-QAM	23.60	23.11	23.45	19.61	0.0914
5+3	1	0	1	14		18.99	23.51	22.17		
5+3	1	24	1	0		24.06	23.26	23.53		
5+3	25	0	15	0	256-QAM	23.41	22.88	23.18	18.96	0.0787
5+3	1	0	1	14		15.90	22.79	23.03		
5+3	1	24	1	0		23.29	22.90	23.20		
3+5	15	0	25	0	QPSK	23.57	23.19	23.24	19.12	0.0817
3+5	1	0	1	24		15.02	14.88	14.86		
3+5	1	14	1	0		23.42	23.07	23.09		
3+5	15	0	25	0	16-QAM	23.58	23.20	23.34	19.16	0.0824
3+5	1	0	1	24		15.88	15.30	15.24		
3+5	1	14	1	0		23.61	23.56	23.29		
3+5	15	0	25	0	64-QAM	23.58	23.19	23.30	19.43	0.0877
3+5	1	0	1	24		15.42	15.09	15.06		
3+5	1	14	1	0		23.88	23.36	23.53		
3+5	15	0	25	0	256-QAM	23.24	22.72	22.97	18.83	0.0764
3+5	1	0	1	24		15.32	14.95	14.91		
3+5	1	14	1	0		23.28	22.90	23.14		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	21.95	21.91	22.29	23.62	0.2301
10+10	1	0	1	49		15.53	15.56	16.14		
10+10	1	49	1	0		24.01	23.93	24.12		
10+10	50	0	50	0	16-QAM	20.95	20.86	21.29	23.01	0.2000
10+10	1	0	1	49		15.99	16.09	16.86		
10+10	1	49	1	0		23.40	23.29	23.51		
10+10	50	0	50	0	64-QAM	20.93	20.87	21.22	20.72	0.1180
10+10	1	0	1	49		15.85	15.80	16.59		
10+10	1	49	1	0		21.15	21.07	21.20		
10+10	50	0	50	0	256-QAM	18.87	18.75	19.28	18.92	0.0780
10+10	1	0	1	49		15.86	16.00	16.55		
10+10	1	49	1	0		19.28	19.34	19.42		
15+5	75	0	25	0	QPSK	21.90	21.79	22.32	23.50	0.2239
15+5	1	0	1	24		15.67	15.69	16.45		
15+5	1	74	1	0		23.89	23.87	24.00		
15+5	75	0	25	0	16-QAM	20.99	20.88	21.32	22.92	0.1959
15+5	1	0	1	24		16.12	16.21	16.81		
15+5	1	74	1	0		23.42	23.32	23.38		
15+5	75	0	25	0	64-QAM	20.92	20.83	21.30	20.80	0.1202
15+5	1	0	1	24		16.08	15.95	16.70		
15+5	1	74	1	0		21.23	21.14	21.20		
15+5	75	0	25	0	256-QAM	18.89	18.82	19.21	18.89	0.0774
15+5	1	0	1	24		15.96	15.77	16.80		
15+5	1	74	1	0		19.12	19.39	19.33		
5+15	25	0	75	0	QPSK	21.69	21.62	22.17	23.44	0.2208
5+15	1	0	1	74		15.46	15.43	15.88		
5+15	1	24	1	0		23.80	23.84	23.94		
5+15	25	0	75	0	16-QAM	20.79	20.70	21.17	22.82	0.1914
5+15	1	0	1	74		16.01	15.73	16.67		
5+15	1	24	1	0		23.19	23.11	23.32		
5+15	25	0	75	0	64-QAM	20.74	20.76	21.20	20.82	0.1208
5+15	1	0	1	74		15.67	15.58	16.43		
5+15	1	24	1	0		21.15	21.26	21.32		
5+15	25	0	75	0	256-QAM	18.83	18.73	19.23	18.87	0.0771
5+15	1	0	1	74		15.67	15.85	16.61		
5+15	1	24	1	0		19.17	19.16	19.37		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	21.78	21.83	22.23	23.47	0.2223
10+5	1	0	1	24		13.73	13.51	14.26		
10+5	1	49	1	0		23.84	23.82	23.97		
10+5	50	0	25	0	16-QAM	20.80	20.82	21.26	22.89	0.1945
10+5	1	0	1	24		13.96	13.80	14.59		
10+5	1	49	1	0		23.18	23.19	23.39		
10+5	50	0	25	0	64-QAM	20.75	20.80	21.17	20.81	0.1205
10+5	1	0	1	24		13.90	14.02	14.57		
10+5	1	49	1	0		21.17	21.04	21.31		
10+5	50	0	25	0	256-QAM	18.76	18.85	19.09	18.66	0.0735
10+5	1	0	1	24		14.00	13.84	14.35		
10+5	1	49	1	0		19.08	19.12	19.16		
5+10	25	0	50	0	QPSK	21.83	21.72	22.11	23.38	0.2178
5+10	1	0	1	49		13.53	13.36	14.18		
5+10	1	24	1	0		23.84	23.62	23.88		
5+10	25	0	50	0	16-QAM	20.85	20.74	21.16	22.83	0.1919
5+10	1	0	1	49		13.84	13.72	14.34		
5+10	1	24	1	0		23.09	22.98	23.33		
5+10	25	0	50	0	64-QAM	20.84	20.81	21.16	20.66	0.1164
5+10	1	0	1	49		13.72	13.70	14.60		
5+10	1	24	1	0		21.12	21.12	21.05		
5+10	25	0	50	0	256-QAM	18.76	18.71	19.18	18.74	0.0748
5+10	1	0	1	49		13.93	13.73	14.37		
5+10	1	24	1	0		19.10	19.12	19.24		
5+5	25	0	25	0	QPSK	21.80	21.83	22.04	23.43	0.2203
5+5	1	0	1	24		13.91	13.88	14.59		
5+5	1	24	1	0		23.73	23.66	23.93		
5+5	25	0	25	0	16-QAM	20.83	20.92	21.10	22.59	0.1816
5+5	1	0	1	24		14.03	14.37	14.72		
5+5	1	24	1	0		23.03	23.09	23.05		
5+5	25	0	25	0	64-QAM	20.89	20.91	21.12	20.83	0.1211
5+5	1	0	1	24		14.18	14.38	14.77		
5+5	1	24	1	0		21.02	21.03	21.33		
5+5	25	0	25	0	256-QAM	18.80	18.87	19.11	18.69	0.0740
5+5	1	0	1	24		14.19	14.29	14.80		
5+5	1	24	1	0		19.10	19.07	19.19		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	22.03	21.84	21.96	23.56	0.2270
20+20	1	0	1	99		15.52	15.81	15.91		
20+20	1	99	1	0		24.06	24.03	23.96		
20+20	100	0	100	0	16-QAM	20.92	20.91	21.05	23.04	0.2014
20+20	1	0	1	99		15.95	16.27	16.24		
20+20	1	99	1	0		23.50	23.54	23.33		
20+20	100	0	100	0	64-QAM	20.97	20.86	21.01	20.91	0.1233
20+20	1	0	1	99		15.87	16.15	16.20		
20+20	1	99	1	0		21.41	21.03	21.28		
20+20	100	0	100	0	256-QAM	19.02	18.87	19.02	18.84	0.0766
20+20	1	0	1	99		15.81	16.05	16.28		
20+20	1	99	1	0		19.28	19.34	19.34		
20+15	100	0	75	0	QPSK	22.02	21.80	22.13	23.54	0.2259
20+15	1	0	1	74		15.63	15.66	16.02		
20+15	1	74	1	0		24.04	23.96	23.94		
20+15	100	0	75	0	16-QAM	21.00	20.79	21.09	23.15	0.2065
20+15	1	0	1	74		16.20	16.17	16.69		
20+15	1	74	1	0		23.44	23.65	23.31		
20+15	100	0	75	0	64-QAM	20.94	20.80	21.01	20.85	0.1216
20+15	1	0	1	74		15.91	16.26	16.34		
20+15	1	74	1	0		21.30	21.24	21.35		
20+15	100	0	75	0	256-QAM	19.02	18.83	19.15	18.72	0.0745
20+15	1	0	1	74		15.77	16.27	16.39		
20+15	1	74	1	0		19.22	19.22	19.17		
15+20	75	0	100	0	QPSK	21.92	21.71	21.96	24.42	0.2767
15+20	1	0	1	99		15.45	24.92	16.08		
15+20	1	74	1	0		23.93	24.01	23.92		
15+20	75	0	100	0	16-QAM	20.95	20.67	20.93	22.95	0.1972
15+20	1	0	1	99		15.79	16.05	16.63		
15+20	1	74	1	0		23.25	23.32	23.45		
15+20	75	0	100	0	64-QAM	20.92	20.70	20.93	20.68	0.1169
15+20	1	0	1	99		15.69	15.86	16.25		
15+20	1	74	1	0		21.17	21.06	21.18		
15+20	75	0	100	0	256-QAM	18.95	18.74	18.97	18.73	0.0746
15+20	1	0	1	99		15.81	15.87	16.27		
15+20	1	74	1	0		19.23	19.20	19.11		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	22.03	21.79	22.15	23.52	0.2249
20+10	1	0	1	49		15.85	15.61	16.11		
20+10	1	99	1	0		23.84	23.91	24.02		
20+10	100	0	50	0	16-QAM	21.06	20.79	21.22	22.73	0.1875
20+10	1	0	1	49		16.43	16.27	16.64		
20+10	1	99	1	0		23.23	23.14	23.23		
20+10	100	0	50	0	64-QAM	21.00	20.79	21.13	20.77	0.1194
20+10	1	0	1	49		15.87	15.94	16.53		
20+10	1	99	1	0		21.02	21.16	21.27		
20+10	100	0	50	0	256-QAM	18.96	18.80	19.24	18.82	0.0762
20+10	1	0	1	49		15.91	16.03	16.13		
20+10	1	99	1	0		19.19	19.32	19.22		
10+20	50	0	100	0	QPSK	21.85	21.70	21.95	23.43	0.2203
10+20	1	0	1	99		15.53	15.46	16.05		
10+20	1	49	1	0		23.93	23.83	23.89		
10+20	50	0	100	0	16-QAM	20.88	20.69	20.96	22.93	0.1963
10+20	1	0	1	99		15.95	15.87	16.47		
10+20	1	49	1	0		23.31	23.35	23.43		
10+20	50	0	100	0	64-QAM	20.83	20.67	20.98	20.89	0.1227
10+20	1	0	1	99		15.97	15.82	16.21		
10+20	1	49	1	0		21.39	20.94	21.11		
10+20	50	0	100	0	256-QAM	18.88	18.73	18.98	18.86	0.0769
10+20	1	0	1	99		15.78	15.66	16.52		
10+20	1	49	1	0		19.24	19.35	19.36		
20+5	100	0	25	0	QPSK	22.04	21.94	22.42	23.57	0.2275
20+5	1	0	1	24		15.85	15.88	16.32		
20+5	1	99	1	0		23.94	23.92	24.07		
20+5	100	0	25	0	16-QAM	21.05	21.01	21.33	23.00	0.1995
20+5	1	0	1	24		16.11	16.26	16.73		
20+5	1	99	1	0		23.50	23.33	23.40		
20+5	100	0	25	0	64-QAM	21.04	20.92	21.33	21.01	0.1262
20+5	1	0	1	24		16.19	15.97	16.81		
20+5	1	99	1	0		21.27	21.51	21.39		
20+5	100	0	25	0	256-QAM	18.92	18.91	19.31	18.81	0.0760
20+5	1	0	1	24		15.94	15.98	16.65		
20+5	1	99	1	0		19.28	19.15	19.20		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	21.86	21.80	22.19	23.54	0.2259
5+20	1	0	1	99		15.53	15.40	16.06		
5+20	1	24	1	0		24.02	24.04	24.01		
5+20	25	0	100	0	16-QAM	20.92	20.76	21.16	22.96	0.1977
5+20	1	0	1	99		16.10	15.77	16.64		
5+20	1	24	1	0		23.46	23.35	23.40		
5+20	25	0	100	0	64-QAM	20.84	20.82	21.19	20.80	0.1202
5+20	1	0	1	99		15.87	15.96	16.33		
5+20	1	24	1	0		21.28	21.30	21.30		
5+20	25	0	100	0	256-QAM	18.94	18.79	19.14	18.89	0.0774
5+20	1	0	1	99		15.85	15.75	16.37		
5+20	1	24	1	0		19.18	19.17	19.39		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.5 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	21.87	21.80	22.27	23.56	0.2270
15+10	1	0	1	49		15.70	15.64	16.41		
15+10	1	74	1	0		23.96	23.91	24.06		
15+10	75	0	50	0	16-QAM	20.89	20.82	21.20	22.95	0.1972
15+10	1	0	1	49		16.19	16.19	16.70		
15+10	1	74	1	0		23.29	23.35	23.45		
15+10	75	0	50	0	64-QAM	20.87	20.76	21.21	20.98	0.1253
15+10	1	0	1	49		16.19	15.95	16.60		
15+10	1	74	1	0		21.41	21.21	21.48		
15+10	75	0	50	0	256-QAM	18.89	18.85	19.33	18.85	0.0767
15+10	1	0	1	49		15.88	15.83	16.62		
15+10	1	74	1	0		19.35	19.23	19.31		
10+15	50	0	75	0	QPSK	21.87	21.72	22.11	23.47	0.2223
10+15	1	0	1	74		15.64	15.51	16.12		
10+15	1	49	1	0		23.97	23.89	23.93		
10+15	50	0	75	0	16-QAM	20.85	20.75	21.08	22.94	0.1968
10+15	1	0	1	74		16.00	15.85	16.77		
10+15	1	49	1	0		23.18	23.30	23.44		
10+15	50	0	75	0	64-QAM	20.86	20.70	21.21	20.76	0.1191
10+15	1	0	1	74		16.05	15.65	16.67		
10+15	1	49	1	0		21.14	21.23	21.26		
10+15	50	0	75	0	256-QAM	18.87	18.75	19.16	18.75	0.0750
10+15	1	0	1	74		15.99	15.54	16.24		
10+15	1	49	1	0		19.19	19.20	19.25		
15+15	75	0	75	0	QPSK	21.81	21.82	22.09	23.51	0.2244
15+15	1	0	1	74		15.53	15.51	15.99		
15+15	1	74	1	0		23.89	23.87	24.01		
15+15	75	0	75	0	16-QAM	20.92	20.81	21.12	22.91	0.1954
15+15	1	0	1	74		16.14	15.92	16.48		
15+15	1	74	1	0		23.37	23.34	23.41		
15+15	75	0	75	0	64-QAM	20.98	20.74	21.13	20.97	0.1250
15+15	1	0	1	74		15.90	16.08	16.40		
15+15	1	74	1	0		21.36	21.37	21.47		
15+15	75	0	75	0	256-QAM	18.87	18.72	19.04	18.88	0.0773
15+15	1	0	1	74		15.96	15.79	16.25		
15+15	1	74	1	0		19.38	19.31	19.36		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.8 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	23.06	0.2023
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	22.51	0.1782
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	20.55	0.1135
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	18.73	0.0746
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	23.11	0.2046
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	22.46	0.1762
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	20.51	0.1125
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	18.51	0.0710
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	23.20	0.2089
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	22.35	0.1718
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	20.44	0.1107
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	18.62	0.0728
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	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.8 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	23.03	0.2009
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	22.50	0.1778
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	20.53	0.1130
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	18.53	0.0713
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	23.16	0.2070
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	22.44	0.1754
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	20.66	0.1164
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	18.55	0.0716
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	23.10	0.2042
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	22.46	0.1762
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	20.70	0.1175
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	18.56	0.0718
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 = -0.8 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	23.28	0.2128
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	22.58	0.1811
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	20.66	0.1164
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	18.41	0.0693
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 = -0.8 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	20.90	20.98	21.36	22.47	0.1766
20+20	1	0	1	99		14.91	15.04	15.32		
20+20	1	99	1	0		22.86	22.88	23.27		
20+20	100	0	100	0	16-QAM	19.95	20.04	20.42	21.99	0.1581
20+20	1	0	1	99		15.34	15.64	15.90		
20+20	1	99	1	0		22.40	22.54	22.79		
20+20	100	0	100	0	64-QAM	19.88	20.04	20.38	19.85	0.0966
20+20	1	0	1	99		15.30	15.53	15.96		
20+20	1	99	1	0		20.57	20.56	20.65		
20+20	100	0	100	0	256-QAM	17.89	18.04	18.37	17.97	0.0627
20+20	1	0	1	99		15.37	15.54	15.92		
20+20	1	99	1	0		18.35	18.32	18.77		
20+15	100	0	75	0	QPSK	20.78	20.89	21.29	22.34	0.1714
20+15	1	0	1	74		14.76	14.89	15.21		
20+15	1	99	1	0		22.67	22.71	23.14		
20+15	100	0	75	0	16-QAM	18.48	19.89	20.29	21.64	0.1459
20+15	1	0	1	74		15.05	15.22	15.62		
20+15	1	99	1	0		21.99	22.03	22.44		
20+15	100	0	75	0	64-QAM	19.81	19.90	20.28	20.08	0.1019
20+15	1	0	1	74		15.41	15.66	15.64		
20+15	1	99	1	0		20.43	20.34	20.88		
20+15	100	0	75	0	256-QAM	17.78	17.88	18.25	17.88	0.0614
20+15	1	0	1	74		15.13	15.30	15.83		
20+15	1	99	1	0		18.05	18.13	18.68		
15+20	75	0	100	0	QPSK	20.61	20.69	21.13	22.28	0.1690
15+20	1	0	1	99		14.57	14.67	15.06		
15+20	1	74	1	0		22.56	22.56	23.08		
15+20	75	0	100	0	16-QAM	19.62	19.68	20.17	21.80	0.1514
15+20	1	0	1	99		15.08	15.05	15.72		
15+20	1	74	1	0		21.95	21.96	22.60		
15+20	75	0	100	0	64-QAM	19.64	19.74	20.15	19.69	0.0931
15+20	1	0	1	99		15.03	15.05	15.90		
15+20	1	74	1	0		20.06	20.04	20.49		
15+20	75	0	100	0	256-QAM	17.63	17.72	18.14	17.55	0.0569
15+20	1	0	1	99		15.00	15.29	15.51		
15+20	1	74	1	0		17.96	18.24	18.35		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.8 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	20.82	20.92	21.32	22.37	0.1726
20+10	1	0	1	49		14.77	14.92	15.24		
20+10	1	99	1	0		22.70	22.74	23.17		
20+10	100	0	50	0	16-QAM	19.86	19.94	20.32	22.01	0.1589
20+10	1	0	1	49		15.30	15.51	15.86		
20+10	1	99	1	0		22.28	22.32	22.81		
20+10	100	0	50	0	64-QAM	19.82	19.92	20.30	19.64	0.0920
20+10	1	0	1	49		15.20	15.41	15.80		
20+10	1	99	1	0		20.24	20.21	20.44		
20+10	100	0	50	0	256-QAM	17.82	17.93	18.31	19.99	0.0998
20+10	1	0	1	49		15.10	15.26	20.79		
20+10	1	99	1	0		18.03	18.25	18.48		
10+20	50	0	100	0	QPSK	20.78	21.13	21.25	22.35	0.1718
10+20	1	0	1	99		14.69	14.87	15.13		
10+20	1	49	1	0		22.63	22.78	23.15		
10+20	50	0	100	0	16-QAM	19.80	19.97	20.29	24.30	0.2692
10+20	1	0	1	99		15.20	15.44	15.75		
10+20	1	49	1	0		22.21	22.38	25.10		
10+20	50	0	100	0	64-QAM	19.85	22.51	20.26	22.81	0.1910
10+20	1	0	1	99		15.09	15.32	15.69		
10+20	1	49	1	0		20.12	23.61	20.43		
10+20	50	0	100	0	256-QAM	19.20	18.00	18.31	18.40	0.0692
10+20	1	0	1	99		14.99	15.22	15.57		
10+20	1	49	1	0		17.96	18.13	18.51		
20+5	100	0	25	0	QPSK	20.79	20.87	21.27	25.56	0.3597
20+5	1	0	1	24		14.75	26.36	15.18		
20+5	1	99	1	0		22.67	22.69	23.12		
20+5	100	0	25	0	16-QAM	22.88	19.91	20.29	22.08	0.1614
20+5	1	0	1	24		15.18	15.37	15.85		
20+5	1	99	1	0		22.14	22.16	22.70		
20+5	100	0	25	0	64-QAM	19.80	19.88	20.24	19.52	0.0895
20+5	1	0	1	24		15.25	15.27	15.52		
20+5	1	99	1	0		20.04	20.27	20.32		
20+5	100	0	25	0	256-QAM	17.79	17.90	18.25	17.45	0.0556
20+5	1	0	1	24		15.16	15.17	15.72		
20+5	1	99	1	0		18.10	17.71	18.24		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.8 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	20.72	20.84	21.25	22.31	0.1702
5+20	1	0	1	99		14.59	14.79	15.10		
5+20	1	24	1	0		22.55	22.72	23.11		
5+20	25	0	100	0	16-QAM	19.72	22.68	20.24	21.88	0.1542
5+20	1	0	1	99		14.98	15.20	15.60		
5+20	1	24	1	0		21.99	22.25	22.57		
5+20	25	0	100	0	64-QAM	19.72	19.91	20.28	23.05	0.2018
5+20	1	0	1	99		15.04	15.25	15.42		
5+20	1	24	1	0		19.93	23.85	20.35		
5+20	25	0	100	0	256-QAM	17.75	17.94	18.28	17.48	0.0560
5+20	1	0	1	99		14.82	15.25	15.26		
5+20	1	24	1	0		17.68	18.24	18.20		
15+10	75	0	50	0	QPSK	20.81	20.89	21.30	22.36	0.1722
15+10	1	0	1	49		14.72	14.85	15.16		
15+10	1	74	1	0		22.69	22.75	23.16		
15+10	75	0	50	0	16-QAM	23.14	19.89	20.29	22.34	0.1714
15+10	1	0	1	49		15.16	15.32	15.79		
15+10	1	74	1	0		22.14	22.22	22.76		
15+10	75	0	50	0	64-QAM	19.84	19.91	20.29	19.96	0.0991
15+10	1	0	1	49		15.15	15.23	15.79		
15+10	1	74	1	0		20.20	20.16	20.76		
15+10	75	0	50	0	256-QAM	17.81	17.93	18.29	17.64	0.0581
15+10	1	0	1	49		15.14	15.23	15.49		
15+10	1	74	1	0		18.16	18.15	18.44		
10+15	50	0	75	0	QPSK	20.76	24.51	21.28	23.71	0.2350
10+15	1	0	1	74		14.66	14.84	15.14		
10+15	1	49	1	0		22.65	22.77	23.17		
10+15	50	0	75	0	16-QAM	19.76	19.93	20.24	24.09	0.2564
10+15	1	0	1	74		15.10	15.30	15.78		
10+15	1	49	1	0		22.06	24.89	22.76		
10+15	50	0	75	0	64-QAM	19.79	19.95	20.31	19.65	0.0923
10+15	1	0	1	74		14.98	15.33	15.77		
10+15	1	49	1	0		20.04	20.36	20.45		
10+15	50	0	75	0	256-QAM	17.82	17.99	18.32	17.52	0.0565
10+15	1	0	1	74		15.00	15.32	15.29		
10+15	1	49	1	0		18.14	18.17	18.27		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	20.69	20.68	21.03	22.19	0.1656
15+15	1	0	1	74		14.40	14.72	14.95		
15+15	1	74	1	0		22.40	22.66	22.99		
15+15	75	0	75	0	16-QAM	19.66	19.71	20.06	23.93	0.2472
15+15	1	0	1	74		14.82	24.73	15.49		
15+15	1	74	1	0		21.84	22.10	22.54		
15+15	75	0	75	0	64-QAM	19.44	19.78	20.08	19.61	0.0914
15+15	1	0	1	74		14.81	15.12	15.63		
15+15	1	74	1	0		19.81	20.06	20.41		
15+15	75	0	75	0	256-QAM	17.44	17.78	18.07	17.65	0.0582
15+15	1	0	1	74		14.61	15.30	15.28		
15+15	1	74	1	0		17.60	18.24	18.45		
Limit	EIRP < 2W					Result			Pass	

<ASDIV Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.01	23.95	23.74	25.41	0.3475
20	1	49		23.87	23.72	23.64		
20	1	99		23.76	23.64	23.62		
20	50	0		22.99	22.85	22.81		
20	50	24		22.93	22.81	22.79		
20	50	50		22.83	22.74	22.76		
20	100	0		22.91	22.81	22.81		
20	1	0	16-QAM	23.32	23.22	23.19	24.72	0.2965
20	1	49		23.04	22.99	23.09		
20	1	99		23.06	22.94	23.05		
20	50	0		20.99	20.88	20.85		
20	50	24		20.95	20.82	20.85		
20	50	50		20.90	20.78	20.81		
20	100	0		20.94	20.85	20.81		
20	1	0	64-QAM	22.30	22.32	22.12	23.72	0.2355
20	1	49		22.15	22.01	22.00		
20	1	99		22.11	21.95	22.01		
20	50	0		21.10	20.93	20.92		
20	50	24		21.02	20.88	20.91		
20	50	50		20.94	20.83	20.87		
20	100	0		20.96	20.84	20.86		
20	1	0	256-QAM	18.64	18.51	18.57	20.04	0.1009
20	1	49		18.52	18.49	18.51		
20	1	99		18.39	18.26	18.31		
20	50	0		17.65	17.56	17.59		
20	50	24		17.30	17.22	17.24		
20	50	50		17.26	17.22	17.24		
20	100	0		17.44	17.36	17.33		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.71	23.72	23.49	25.12	0.3251
15	1	37		23.56	23.49	23.42		
15	1	74		23.51	23.47	23.42		
15	36	0		22.77	22.67	22.58		
15	36	20		22.72	22.61	22.55		
15	36	39		22.69	22.56	22.52		
15	75	0		22.72	22.62	22.55		
15	1	0	16-QAM	23.11	23.01	23.03	24.51	0.2825
15	1	37		22.94	22.76	22.95		
15	1	74		22.96	22.75	22.74		
15	36	0		20.78	20.67	20.63		
15	36	20		20.76	20.61	20.58		
15	36	39		20.70	20.57	20.55		
15	75	0		20.76	20.62	20.56		
15	1	0	64-QAM	22.05	22.00	21.79	23.45	0.2213
15	1	37		21.79	21.55	21.65		
15	1	74		21.66	21.52	21.44		
15	36	0		20.82	20.68	20.62		
15	36	20		20.78	20.61	20.58		
15	36	39		20.77	20.57	20.56		
15	75	0		20.74	20.63	20.56		
15	1	0	256-QAM	18.59	18.45	18.55	19.99	0.0998
15	1	37		18.50	18.42	18.49		
15	1	74		18.39	18.29	18.26		
15	36	0		17.66	17.51	17.52		
15	36	20		17.28	17.18	17.19		
15	36	39		17.21	17.17	17.17		
15	75	0		17.39	17.31	17.26		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.89	23.70	23.58	25.29	0.3381
10	1	25		23.66	23.38	23.30		
10	1	49		23.76	23.56	23.48		
10	25	0		22.93	22.75	22.64		
10	25	12		22.92	22.75	22.63		
10	25	25		22.88	22.71	22.61		
10	50	0		22.90	22.72	22.62		
10	1	0	16-QAM	23.32	23.07	22.97	24.72	0.2965
10	1	25		23.08	22.94	22.86		
10	1	49		23.16	22.89	22.81		
10	25	0		20.98	20.78	20.69		
10	25	12		20.95	20.75	20.67		
10	25	25		20.89	20.71	20.65		
10	50	0		20.87	20.70	20.60		
10	1	0	64-QAM	22.04	21.96	21.89	23.48	0.2228
10	1	25		22.01	21.90	21.96		
10	1	49		22.08	21.86	21.85		
10	25	0		20.93	20.74	20.61		
10	25	12		20.88	20.68	20.62		
10	25	25		20.87	20.68	20.61		
10	50	0		20.87	20.69	20.62		
10	1	0	256-QAM	18.58	18.38	18.51	19.98	0.0995
10	1	25		18.49	18.36	18.51		
10	1	49		18.37	18.24	18.24		
10	25	0		17.59	17.48	17.45		
10	25	12		17.27	17.13	17.20		
10	25	25		17.16	17.19	17.16		
10	50	0		17.42	17.27	17.21		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.67	23.69	23.57	25.12	0.3251
5	1	12		23.69	23.63	23.51		
5	1	24		23.72	23.65	23.54		
5	12	0		22.76	22.69	22.59		
5	12	7		22.76	22.67	22.59		
5	12	13		22.76	22.65	22.57		
5	25	0		22.79	22.65	22.57		
5	1	0	16-QAM	23.06	22.96	22.89	24.46	0.2793
5	1	12		22.92	22.76	22.71		
5	1	24		22.99	22.83	22.78		
5	12	0		20.83	20.71	20.63		
5	12	7		20.84	20.68	20.62		
5	12	13		20.82	20.66	20.59		
5	25	0		20.81	20.66	20.58		
5	1	0	64-QAM	22.84	22.77	22.65	24.27	0.2673
5	1	12		22.75	22.66	22.55		
5	1	24		22.87	22.72	22.64		
5	12	0		20.82	20.67	20.55		
5	12	7		20.79	20.64	20.57		
5	12	13		20.76	20.62	20.52		
5	25	0		20.81	20.64	20.53		
5	1	0	256-QAM	18.60	18.39	18.54	20.00	0.1000
5	1	12		18.46	18.32	18.44		
5	1	24		18.30	18.21	18.22		
5	12	0		17.59	17.50	17.46		
5	12	7		17.26	17.12	17.21		
5	12	13		17.11	17.16	17.15		
5	25	0		17.39	17.22	17.20		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.80	23.67	23.60	25.20	0.3311
3	1	8		23.71	23.54	23.48		
3	1	14		23.78	23.57	23.53		
3	8	0		22.78	22.63	22.52		
3	8	4		22.78	22.65	22.55		
3	8	7		22.84	22.61	22.51		
3	15	0		22.84	22.64	22.53		
3	1	0	16-QAM	23.05	22.96	22.88	24.47	0.2799
3	1	8		23.03	22.83	22.71		
3	1	14		23.07	22.88	22.78		
3	8	0		20.83	20.67	20.55		
3	8	4		20.81	20.65	20.54		
3	8	7		20.84	20.67	20.57		
3	15	0		20.80	20.62	20.52		
3	1	0	64-QAM	21.91	21.81	21.70	23.33	0.2153
3	1	8		21.87	21.69	21.57		
3	1	14		21.93	21.82	21.69		
3	8	0		20.82	20.63	20.50		
3	8	4		20.77	20.58	20.47		
3	8	7		20.81	20.64	20.51		
3	15	0		20.82	20.62	20.50		
3	1	0	256-QAM	18.55	18.34	18.57	19.97	0.0993
3	1	8		18.46	18.26	18.37		
3	1	14		18.29	18.16	18.22		
3	8	0		17.52	17.43	17.39		
3	8	4		17.29	17.19	17.14		
3	8	7		17.22	17.10	17.14		
3	15	0		17.40	17.18	17.16		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.84	23.70	23.56	25.29	0.3381
1.4	1	3		23.79	23.61	23.47		
1.4	1	5		23.86	23.72	23.55		
1.4	3	0		23.76	23.60	23.47		
1.4	3	1		23.85	23.68	23.63		
1.4	3	3		23.89	23.70	23.57		
1.4	6	0		22.88	22.70	22.59		
1.4	1	0	16-QAM	23.09	22.94	22.81	24.54	0.2844
1.4	1	3		22.98	22.89	22.57		
1.4	1	5		23.14	22.93	22.79		
1.4	3	0		22.87	22.67	22.57		
1.4	3	1		22.96	22.68	22.64		
1.4	3	3		22.95	22.79	22.62		
1.4	6	0		20.90	20.75	20.56		
1.4	1	0	64-QAM	22.01	21.80	21.67	23.42	0.2198
1.4	1	3		21.83	21.72	21.54		
1.4	1	5		21.90	21.72	21.66		
1.4	3	0		21.91	21.66	21.57		
1.4	3	1		22.02	21.87	21.65		
1.4	3	3		21.89	21.80	21.67		
1.4	6	0		20.83	20.62	20.55		
1.4	1	0	256-QAM	18.50	18.33	18.55	19.95	0.0989
1.4	1	3		18.41	18.22	18.38		
1.4	1	5		18.26	18.16	18.20		
1.4	3	0		18.54	18.36	18.54		
1.4	3	1		18.49	18.25	18.40		
1.4	3	3		18.25	18.19	18.24		
1.4	6	0		17.32	17.29	17.18		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.95	23.82	23.59	25.35	0.3428
20	1	49		23.84	23.64	23.40		
20	1	99		23.70	23.53	23.33		
20	50	0		22.91	22.73	22.50		
20	50	24		22.86	22.69	22.49		
20	50	50		22.78	22.62	22.44		
20	100	0		22.83	22.68	22.45		
20	1	0	16-QAM	23.16	23.18	22.88	24.58	0.2871
20	1	49		22.98	22.85	22.72		
20	1	99		22.93	22.87	22.66		
20	50	0		21.90	21.74	21.51		
20	50	24		21.88	21.72	21.49		
20	50	50		21.79	21.67	21.46		
20	100	0		21.83	21.71	21.52		
20	1	0	64-QAM	22.19	22.08	21.88	23.59	0.2286
20	1	49		22.05	21.82	21.78		
20	1	99		21.96	21.78	21.64		
20	50	0		20.97	20.80	20.60		
20	50	24		20.93	20.79	20.57		
20	50	50		20.85	20.72	20.53		
20	100	0		20.88	20.75	20.57		
20	1	0	256-QAM	18.88	18.71	18.48	20.28	0.1067
20	1	49		18.44	18.33	18.20		
20	1	99		18.52	18.44	18.28		
20	50	0		18.47	18.37	18.26		
20	50	24		18.48	18.31	18.22		
20	50	50		18.43	18.26	18.23		
20	100	0		18.56	18.45	18.21		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.81	23.73	23.56	25.21	0.3319
15	1	37		23.73	23.60	23.47		
15	1	74		23.70	23.56	23.36		
15	36	0		22.86	22.71	22.55		
15	36	20		22.84	22.67	22.53		
15	36	39		22.77	22.64	22.46		
15	75	0		22.80	22.68	22.50		
15	1	0	16-QAM	23.26	23.06	22.91	24.66	0.2924
15	1	37		22.95	22.78	22.72		
15	1	74		22.88	22.75	22.62		
15	36	0		21.88	21.75	21.60		
15	36	20		21.83	21.68	21.59		
15	36	39		21.79	21.67	21.55		
15	75	0		21.83	21.70	21.57		
15	1	0	64-QAM	22.09	21.99	21.89	23.49	0.2234
15	1	37		22.08	21.80	21.81		
15	1	74		21.99	21.75	21.70		
15	36	0		20.88	20.75	20.64		
15	36	20		20.86	20.67	20.59		
15	36	39		20.81	20.66	20.56		
15	75	0		20.83	20.70	20.55		
15	1	0	256-QAM	18.85	18.71	18.51	20.25	0.1059
15	1	37		18.46	18.31	18.18		
15	1	74		18.45	18.46	18.31		
15	36	0		18.47	18.33	18.19		
15	36	20		18.48	18.30	18.18		
15	36	39		18.37	18.21	18.19		
15	75	0		18.51	18.46	18.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.72	23.62	23.52	25.12	0.3251
10	1	25		23.50	23.35	23.30		
10	1	49		23.57	23.45	23.30		
10	25	0		22.83	22.68	22.53		
10	25	12		22.82	22.66	22.50		
10	25	25		22.80	22.62	22.48		
10	50	0		22.82	22.66	22.49		
10	1	0	16-QAM	23.05	22.98	22.82	24.45	0.2786
10	1	25		22.77	22.65	22.62		
10	1	49		22.93	22.79	22.66		
10	25	0		21.88	21.76	21.60		
10	25	12		21.87	21.74	21.59		
10	25	25		21.84	21.72	21.54		
10	50	0		21.80	21.68	21.52		
10	1	0	64-QAM	22.11	22.00	21.88	23.51	0.2244
10	1	25		22.04	21.94	21.78		
10	1	49		22.05	21.93	21.70		
10	25	0		20.88	20.76	20.57		
10	25	12		20.85	20.73	20.57		
10	25	25		20.84	20.72	20.57		
10	50	0		20.86	20.74	20.62		
10	1	0	256-QAM	18.83	18.68	18.46	20.23	0.1054
10	1	25		18.48	18.29	18.16		
10	1	49		18.43	18.44	18.28		
10	25	0		18.44	18.28	18.17		
10	25	12		18.43	18.24	18.18		
10	25	25		18.38	18.23	18.21		
10	50	0		18.54	18.48	18.11		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.87	23.72	23.54	25.27	0.3365
5	1	12		23.78	23.65	23.45		
5	1	24		23.82	23.68	23.44		
5	12	0		22.83	22.75	22.52		
5	12	7		22.81	22.74	22.53		
5	12	13		22.82	22.71	22.49		
5	25	0		22.86	22.71	22.48		
5	1	0	16-QAM	23.12	23.00	22.85	24.52	0.2831
5	1	12		23.01	22.81	22.65		
5	1	24		23.06	22.88	22.71		
5	12	0		21.93	21.77	21.57		
5	12	7		21.90	21.75	21.57		
5	12	13		21.89	21.75	21.56		
5	25	0		21.90	21.77	21.52		
5	1	0	64-QAM	21.95	21.99	21.80	23.41	0.2193
5	1	12		21.93	21.79	21.71		
5	1	24		22.01	21.80	21.65		
5	12	0		20.94	20.81	20.61		
5	12	7		20.90	20.77	20.59		
5	12	13		20.88	20.75	20.59		
5	25	0		20.91	20.80	20.57		
5	1	0	256-QAM	18.79	18.66	18.39	20.19	0.1045
5	1	12		18.46	18.23	18.16		
5	1	24		18.45	18.42	18.24		
5	12	0		18.38	18.24	18.18		
5	12	7		18.42	18.27	18.21		
5	12	13		18.35	18.17	18.16		
5	25	0		18.51	18.48	18.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.93	23.77	23.58	25.33	0.3412
3	1	8		23.77	23.62	23.40		
3	1	14		23.84	23.69	23.42		
3	8	0		22.81	22.71	22.47		
3	8	4		22.82	22.68	22.47		
3	8	7		22.85	22.69	22.44		
3	15	0		22.84	22.71	22.48		
3	1	0	16-QAM	23.17	23.07	22.88	24.57	0.2864
3	1	8		23.08	22.95	22.72		
3	1	14		23.15	23.02	22.79		
3	8	0		21.89	21.73	21.57		
3	8	4		21.89	21.76	21.58		
3	8	7		21.94	21.77	21.59		
3	15	0		21.89	21.74	21.58		
3	1	0	64-QAM	21.95	21.81	21.75	23.38	0.2178
3	1	8		21.93	21.78	21.66		
3	1	14		21.98	21.85	21.74		
3	8	0		20.90	20.75	20.54		
3	8	4		20.89	20.73	20.55		
3	8	7		20.92	20.81	20.62		
3	15	0		20.93	20.77	20.59		
3	1	0	256-QAM	18.75	18.60	18.42	20.15	0.1035
3	1	8		18.49	18.26	18.10		
3	1	14		18.39	18.45	18.19		
3	8	0		18.39	18.17	18.20		
3	8	4		18.45	18.29	18.21		
3	8	7		18.34	18.15	18.15		
3	15	0		18.46	18.48	18.08		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.88	23.74	23.42	25.34	0.3420
1.4	1	3		23.78	23.59	23.30		
1.4	1	5		23.88	23.72	23.37		
1.4	3	0		23.76	23.63	23.33		
1.4	3	1		23.94	23.72	23.36		
1.4	3	3		23.88	23.73	23.34		
1.4	6	0		22.89	22.74	22.41		
1.4	1	0	16-QAM	23.06	22.98	22.75	24.46	0.2793
1.4	1	3		22.84	22.77	22.60		
1.4	1	5		23.04	22.96	22.72		
1.4	3	0		22.88	22.63	22.51		
1.4	3	1		23.03	22.76	22.50		
1.4	3	3		22.95	22.80	22.48		
1.4	6	0		21.94	21.68	21.55		
1.4	1	0	64-QAM	22.83	22.73	22.55	24.26	0.2667
1.4	1	3		22.78	22.74	22.42		
1.4	1	5		22.86	22.79	22.55		
1.4	3	0		22.83	22.71	22.47		
1.4	3	1		22.83	22.80	22.47		
1.4	3	3		22.85	22.76	22.46		
1.4	6	0		21.81	21.68	21.44		
1.4	1	0	256-QAM	18.73	18.53	18.45	20.13	0.1030
1.4	1	3		18.48	18.26	18.07		
1.4	1	5		18.38	18.47	18.16		
1.4	3	0		18.39	18.16	18.16		
1.4	3	1		18.45	18.31	18.16		
1.4	3	3		18.29	18.08	18.14		
1.4	6	0		18.43	18.51	18.09		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.69	23.54	23.64	21.09	0.1285
20	1	49		23.53	23.38	23.40		
20	1	99		23.45	23.31	23.33		
20	50	0		22.74	22.59	22.62		
20	50	24		22.69	22.54	22.57		
20	50	50		22.65	22.48	22.48		
20	100	0		22.67	22.51	22.55		
20	1	0	16-QAM	23.09	22.93	22.93	20.49	0.1119
20	1	49		22.88	22.74	22.71		
20	1	99		22.80	22.64	22.62		
20	50	0		21.74	21.61	21.61		
20	50	24		21.70	21.55	21.58		
20	50	50		21.65	21.48	21.47		
20	100	0		21.65	21.53	21.51		
20	1	0	64-QAM	21.97	21.93	21.88	19.37	0.0865
20	1	49		21.90	21.85	21.68		
20	1	99		21.77	21.72	21.64		
20	50	0		20.77	20.66	20.65		
20	50	24		20.75	20.59	20.58		
20	50	50		20.68	20.52	20.51		
20	100	0		20.68	20.56	20.54		
20	1	0	256-QAM	18.68	18.60	18.62	16.08	0.0406
20	1	49		18.54	18.52	18.51		
20	1	99		18.52	18.49	18.51		
20	50	0		18.28	18.25	18.22		
20	50	24		18.25	18.25	18.25		
20	50	50		18.28	18.27	18.27		
20	100	0		18.21	18.22	18.24		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.52	23.43	23.36	20.92	0.1236
15	1	37		23.41	23.34	23.27		
15	1	74		23.42	23.30	23.21		
15	36	0		22.57	22.49	22.41		
15	36	20		22.54	22.43	22.36		
15	36	39		22.50	22.39	22.30		
15	75	0		22.55	22.43	22.36		
15	1	0	16-QAM	22.91	22.81	22.69	20.31	0.1074
15	1	37		22.74	22.65	22.49		
15	1	74		22.68	22.59	22.48		
15	36	0		21.59	21.52	21.42		
15	36	20		21.54	21.46	21.34		
15	36	39		21.49	21.40	21.30		
15	75	0		21.54	21.43	21.33		
15	1	0	64-QAM	21.74	21.66	21.62	19.14	0.0820
15	1	37		21.47	21.44	21.38		
15	1	74		21.61	21.53	21.39		
15	36	0		20.57	20.49	20.40		
15	36	20		20.49	20.41	20.34		
15	36	39		20.48	20.37	20.29		
15	75	0		20.50	20.42	20.31		
15	1	0	256-QAM	18.61	18.53	18.65	16.05	0.0403
15	1	37		18.52	18.51	18.44		
15	1	74		18.48	18.48	18.44		
15	36	0		18.25	18.23	18.24		
15	36	20		18.23	18.21	18.28		
15	36	39		18.25	18.29	18.24		
15	75	0		18.17	18.24	18.20		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.42	23.36	23.38	20.82	0.1208
10	1	25		23.15	23.12	23.15		
10	1	49		23.29	23.20	23.20		
10	25	0		22.46	22.39	22.42		
10	25	12		22.45	22.37	22.41		
10	25	25		22.43	22.35	22.38		
10	50	0		22.44	22.37	22.40		
10	1	0	16-QAM	22.75	22.65	22.70	20.15	0.1035
10	1	25		22.59	22.49	22.46		
10	1	49		22.60	22.49	22.49		
10	25	0		21.51	21.45	21.46		
10	25	12		21.50	21.42	21.43		
10	25	25		21.48	21.38	21.38		
10	50	0		21.45	21.35	21.35		
10	1	0	64-QAM	21.75	21.69	21.61	19.15	0.0822
10	1	25		21.65	21.60	21.53		
10	1	49		21.59	21.51	21.50		
10	25	0		20.47	20.39	20.39		
10	25	12		20.45	20.37	20.36		
10	25	25		20.43	20.34	20.34		
10	50	0		20.46	20.38	20.35		
10	1	0	256-QAM	18.61	18.55	18.60	16.01	0.0399
10	1	25		18.49	18.47	18.41		
10	1	49		18.43	18.45	18.43		
10	25	0		18.26	18.25	18.24		
10	25	12		18.26	18.19	18.23		
10	25	25		18.20	18.25	18.23		
10	50	0		18.18	18.17	18.21		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.42	23.29	23.21	20.82	0.1208
5	1	12		23.36	23.25	23.17		
5	1	24		23.39	23.27	23.17		
5	12	0		22.43	22.32	22.23		
5	12	7		22.41	22.32	22.22		
5	12	13		22.39	22.26	22.18		
5	25	0		22.40	22.32	22.22		
5	1	0	16-QAM	22.69	22.64	22.51	20.09	0.1021
5	1	12		22.46	22.42	22.35		
5	1	24		22.53	22.53	22.42		
5	12	0		21.45	21.36	21.26		
5	12	7		21.42	21.34	21.25		
5	12	13		21.39	21.31	21.21		
5	25	0		21.42	21.29	21.22		
5	1	0	64-QAM	21.64	21.53	21.35	19.04	0.0802
5	1	12		21.53	21.49	21.29		
5	1	24		21.59	21.48	21.35		
5	12	0		20.43	20.31	20.23		
5	12	7		20.38	20.33	20.20		
5	12	13		20.34	20.29	20.16		
5	25	0		20.37	20.27	20.17		
5	1	0	256-QAM	18.60	18.55	18.53	16.00	0.0398
5	1	12		18.48	18.46	18.44		
5	1	24		18.42	18.40	18.42		
5	12	0		18.27	18.20	18.17		
5	12	7		18.26	18.21	18.19		
5	12	13		18.15	18.24	18.16		
5	25	0		18.21	18.14	18.15		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.45	23.36	23.26	20.85	0.1216
3	1	8		23.30	23.21	23.10		
3	1	14		23.38	23.29	23.17		
3	8	0		22.39	22.31	22.19		
3	8	4		22.39	22.29	22.20		
3	8	7		22.40	22.30	22.18		
3	15	0		22.39	22.30	22.17		
3	1	0	16-QAM	22.77	22.68	22.53	20.17	0.1040
3	1	8		22.63	22.54	22.38		
3	1	14		22.71	22.62	22.48		
3	8	0		21.44	21.32	21.18		
3	8	4		21.43	21.32	21.16		
3	8	7		21.46	21.32	21.19		
3	15	0		21.39	21.29	21.15		
3	1	0	64-QAM	21.57	21.46	21.25	18.97	0.0789
3	1	8		21.53	21.38	21.23		
3	1	14		21.56	21.45	21.27		
3	8	0		20.41	20.28	20.17		
3	8	4		20.37	20.26	20.12		
3	8	7		20.39	20.29	20.20		
3	15	0		20.39	20.26	20.15		
3	1	0	256-QAM	18.58	18.53	18.46	15.98	0.0396
3	1	8		18.41	18.46	18.39		
3	1	14		18.42	18.43	18.38		
3	8	0		18.25	18.16	18.12		
3	8	4		18.27	18.20	18.16		
3	8	7		18.16	18.26	18.12		
3	15	0		18.24	18.17	18.11		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.43	23.33	23.20	20.84	0.1213
1.4	1	3		23.31	23.19	23.07		
1.4	1	5		23.44	23.32	23.19		
1.4	3	0		23.32	23.21	23.10		
1.4	3	1		23.44	23.31	23.21		
1.4	3	3		23.39	23.31	23.17		
1.4	6	0		22.43	22.32	22.19		
1.4	1	0	16-QAM	22.65	22.59	22.46	20.08	0.1019
1.4	1	3		22.54	22.46	22.32		
1.4	1	5		22.68	22.55	22.47		
1.4	3	0		22.42	22.33	22.22		
1.4	3	1		22.43	22.40	22.28		
1.4	3	3		22.48	22.34	22.22		
1.4	6	0		21.49	21.35	21.25		
1.4	1	0	64-QAM	21.59	21.42	21.30	18.99	0.0793
1.4	1	3		21.53	21.36	21.34		
1.4	1	5		21.55	21.40	21.32		
1.4	3	0		21.46	21.23	21.22		
1.4	3	1		21.56	21.35	21.32		
1.4	3	3		21.53	21.33	21.27		
1.4	6	0		20.38	20.22	20.13		
1.4	1	0	256-QAM	18.49	18.35	18.48	15.95	0.0394
1.4	1	3		18.43	18.17	18.40		
1.4	1	5		18.19	18.19	18.15		
1.4	3	0		18.52	18.33	18.55		
1.4	3	1		18.46	18.26	18.38		
1.4	3	3		18.22	18.17	18.17		
1.4	6	0		18.11	18.16	18.10		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.60	24.55	24.46	17.85	0.0610
10	1	25		24.44	24.43	24.29		
10	1	49		24.57	24.48	24.36		
10	25	0		23.73	23.68	23.59		
10	25	12		23.70	23.68	23.56		
10	25	25		23.67	23.66	23.54		
10	50	0		23.71	23.69	23.57		
10	1	0	16-QAM	24.00	23.97	23.80	17.26	0.0532
10	1	25		24.01	23.82	23.74		
10	1	49		24.00	23.74	23.67		
10	25	0		22.79	22.70	22.60		
10	25	12		22.77	22.69	22.58		
10	25	25		22.77	22.65	22.56		
10	50	0		22.77	22.67	22.57		
10	1	0	64-QAM	23.01	22.98	22.76	16.26	0.0423
10	1	25		22.93	22.73	22.53		
10	1	49		22.94	22.67	22.52		
10	25	0		21.76	21.67	21.57		
10	25	12		21.74	21.64	21.55		
10	25	25		21.72	21.65	21.53		
10	50	0		21.78	21.66	21.56		
10	1	0	256-QAM	19.54	19.49	19.41	12.79	0.0190
10	1	25		19.45	19.45	19.37		
10	1	49		19.36	19.33	19.22		
10	25	0		19.35	19.33	19.22		
10	25	12		19.37	19.36	19.26		
10	25	25		19.25	19.28	19.11		
10	50	0		19.27	19.23	19.05		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.53	24.44	24.33	17.79	0.0601
5	1	12		24.45	24.38	24.28		
5	1	24		24.54	24.44	24.35		
5	12	0		23.66	23.58	23.48		
5	12	7		23.69	23.60	23.49		
5	12	13		23.68	23.57	23.46		
5	25	0		23.68	23.55	23.45		
5	1	0	16-QAM	23.94	23.88	23.74	17.26	0.0532
5	1	12		23.86	23.74	23.64		
5	1	24		24.01	23.84	23.72		
5	12	0		22.75	22.65	22.53		
5	12	7		22.76	22.62	22.55		
5	12	13		22.76	22.59	22.51		
5	25	0		22.70	22.55	22.47		
5	1	0	64-QAM	22.75	22.71	22.61	16.14	0.0411
5	1	12		22.77	22.59	22.55		
5	1	24		22.89	22.64	22.53		
5	12	0		21.71	21.61	21.51		
5	12	7		21.71	21.60	21.49		
5	12	13		21.70	21.55	21.47		
5	25	0		21.65	21.50	21.41		
5	1	0	256-QAM	19.94	19.56	19.50	13.19	0.0208
5	1	12		19.85	19.53	19.68		
5	1	24		19.85	19.74	19.56		
5	12	0		19.82	19.62	19.58		
5	12	7		19.86	19.68	19.57		
5	12	13		19.82	19.64	19.51		
5	25	0		19.80	19.66	19.59		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.49	24.47	24.29	17.78	0.0600
3	1	8		24.47	24.38	24.23		
3	1	14		24.53	24.44	24.34		
3	8	0		23.64	23.52	23.45		
3	8	4		23.70	23.53	23.48		
3	8	7		23.62	23.55	23.47		
3	15	0		23.62	23.51	23.43		
3	1	0	16-QAM	23.94	23.91	23.68	17.22	0.0527
3	1	8		23.87	23.73	23.58		
3	1	14		23.97	23.77	23.74		
3	8	0		22.76	22.68	22.52		
3	8	4		22.75	22.62	22.58		
3	8	7		22.76	22.60	22.48		
3	15	0		22.67	22.48	22.43		
3	1	0	64-QAM	22.68	22.69	22.64	16.08	0.0406
3	1	8		22.78	22.60	22.57		
3	1	14		22.83	22.60	22.53		
3	8	0		21.66	21.59	21.53		
3	8	4		21.65	21.53	21.52		
3	8	7		21.64	21.55	21.46		
3	15	0		21.66	21.43	21.34		
3	1	0	256-QAM	19.91	19.59	19.53	13.16	0.0207
3	1	8		19.84	19.54	19.71		
3	1	14		19.83	19.76	19.52		
3	8	0		19.80	19.59	19.51		
3	8	4		19.83	19.70	19.53		
3	8	7		19.75	19.61	19.46		
3	15	0		19.77	19.66	19.52		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.52	24.40	24.23	17.77	0.0598
1.4	1	3		24.34	24.29	24.13		
1.4	1	5		24.51	24.35	24.22		
1.4	3	0		24.44	24.26	24.20		
1.4	3	1		24.50	24.43	24.26		
1.4	3	3		24.43	24.41	24.27		
1.4	6	0		23.51	23.40	23.31		
1.4	1	0	16-QAM	23.76	23.72	23.52	17.01	0.0502
1.4	1	3		23.63	23.50	23.44		
1.4	1	5		23.76	23.68	23.54		
1.4	3	0		23.47	23.36	23.33		
1.4	3	1		23.56	23.53	23.36		
1.4	3	3		23.61	23.40	23.30		
1.4	6	0		22.60	22.47	22.36		
1.4	1	0	64-QAM	22.63	22.49	22.33	15.89	0.0388
1.4	1	3		22.64	22.47	22.41		
1.4	1	5		22.59	22.48	22.42		
1.4	3	0		22.58	22.30	22.29		
1.4	3	1		22.59	22.47	22.38		
1.4	3	3		22.59	22.36	22.34		
1.4	6	0		21.41	21.27	21.24		
1.4	1	0	256-QAM	19.93	19.61	19.51	13.18	0.0208
1.4	1	3		19.86	19.49	19.74		
1.4	1	5		19.83	19.75	19.49		
1.4	3	0		19.74	19.61	19.54		
1.4	3	1		19.80	19.67	19.53		
1.4	3	3		19.76	19.64	19.46		
1.4	6	0		19.80	19.63	19.48		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.82	23.74	23.81	24.52	0.2831
20	1	49		23.78	23.57	23.52		
20	1	99		23.81	23.71	23.71		
20	50	0		22.82	22.76	22.77		
20	50	24		22.73	22.74	22.70		
20	50	50		22.78	22.74	22.67		
20	100	0		22.85	22.78	22.70		
20	1	0	16-QAM	22.85	23.02	22.83	23.78	0.2388
20	1	49		22.79	22.91	22.81		
20	1	99		23.08	23.00	23.06		
20	50	0		21.74	21.76	21.64		
20	50	24		21.79	21.77	21.69		
20	50	50		21.84	21.79	21.76		
20	100	0		21.78	21.75	21.70		
20	1	0	64-QAM	21.92	22.11	21.92	22.81	0.1910
20	1	49		21.89	21.88	21.87		
20	1	99		22.11	22.03	22.10		
20	50	0		20.79	20.81	20.70		
20	50	24		20.84	20.81	20.74		
20	50	50		20.87	20.81	20.79		
20	100	0		20.81	20.77	20.71		
20	1	0	256-QAM	18.83	19.04	18.78	19.74	0.0942
20	1	49		18.46	18.73	18.40		
20	1	99		18.40	18.71	18.43		
20	50	0		18.38	18.65	18.39		
20	50	24		18.47	18.70	18.42		
20	50	50		18.41	18.68	18.33		
20	100	0		18.29	18.57	18.30		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.63	23.79	23.70	24.50	0.2818
15	1	37		23.69	23.76	23.65		
15	1	74		23.80	23.78	23.80		
15	36	0		22.72	22.80	22.74		
15	36	20		22.79	22.80	22.76		
15	36	39		22.84	22.87	22.81		
15	75	0		22.84	22.87	22.80		
15	1	0	16-QAM	22.95	23.06	22.89	23.76	0.2377
15	1	37		22.90	22.92	22.82		
15	1	74		23.06	23.05	22.98		
15	36	0		21.80	21.86	21.73		
15	36	20		21.85	21.85	21.80		
15	36	39		21.87	21.84	21.85		
15	75	0		21.87	21.86	21.84		
15	1	0	64-QAM	22.43	22.49	22.42	23.19	0.2084
15	1	37		22.45	22.38	22.38		
15	1	74		22.47	22.49	22.47		
15	36	0		21.38	21.41	21.32		
15	36	20		21.40	21.41	21.37		
15	36	39		21.43	21.41	21.42		
15	75	0		21.46	21.47	21.44		
15	1	0	256-QAM	18.78	19.01	18.72	19.71	0.0935
15	1	37		18.44	18.74	18.41		
15	1	74		18.39	18.74	18.45		
15	36	0		18.32	18.63	18.34		
15	36	20		18.50	18.69	18.42		
15	36	39		18.38	18.67	18.33		
15	75	0		18.24	18.58	18.24		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.69	23.77	23.72	24.47	0.2799
10	1	25		23.67	23.75	23.70		
10	1	49		23.71	23.74	23.74		
10	25	0		22.74	22.86	22.76		
10	25	12		22.78	22.87	22.80		
10	25	25		22.80	22.89	22.85		
10	50	0		22.81	22.78	22.79		
10	1	0	16-QAM	22.91	23.03	22.99	23.76	0.2377
10	1	25		22.92	22.66	22.84		
10	1	49		23.06	22.96	23.01		
10	25	0		21.83	21.87	21.81		
10	25	12		21.87	21.90	21.84		
10	25	25		21.88	21.94	21.86		
10	50	0		21.80	21.89	21.80		
10	1	0	64-QAM	21.97	22.02	21.96	22.77	0.1892
10	1	25		21.90	21.93	21.88		
10	1	49		22.02	22.05	22.07		
10	25	0		20.83	20.86	20.81		
10	25	12		20.85	20.87	20.82		
10	25	25		21.00	20.89	20.86		
10	50	0		20.86	20.91	20.83		
10	1	0	256-QAM	18.76	19.02	18.69	19.72	0.0938
10	1	25		18.42	18.74	18.41		
10	1	49		18.33	18.71	18.41		
10	25	0		18.32	18.62	18.35		
10	25	12		18.50	18.62	18.41		
10	25	25		18.40	18.64	18.29		
10	50	0		18.23	18.53	18.26		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.78	23.81	23.81	24.51	0.2825
5	1	12		23.76	23.79	23.79		
5	1	24		23.80	23.77	23.70		
5	12	0		22.77	22.84	22.79		
5	12	7		22.79	22.87	22.80		
5	12	13		22.80	22.87	22.82		
5	25	0		22.79	22.90	22.81		
5	1	0	16-QAM	23.08	23.15	23.07	23.87	0.2438
5	1	12		22.89	23.06	22.88		
5	1	24		22.98	23.17	23.12		
5	12	0		21.83	21.92	21.82		
5	12	7		21.85	21.90	21.89		
5	12	13		21.94	21.91	21.88		
5	25	0		21.86	21.92	21.88		
5	1	0	64-QAM	22.05	22.01	21.90	22.75	0.1884
5	1	12		21.95	21.99	21.97		
5	1	24		22.01	22.01	22.00		
5	12	0		20.85	20.91	20.88		
5	12	7		20.87	20.96	20.91		
5	12	13		20.85	20.91	20.90		
5	25	0		20.86	20.91	20.81		
5	1	0	256-QAM	18.79	18.98	18.69	19.68	0.0929
5	1	12		18.44	18.76	18.38		
5	1	24		18.30	18.73	18.39		
5	12	0		18.27	18.63	18.29		
5	12	7		18.52	18.63	18.43		
5	12	13		18.38	18.59	18.26		
5	25	0		18.26	18.50	18.19		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.95	24.96	24.86	17.01	0.0502
10	1	25		24.87	24.80	24.68		
10	1	49		24.92	24.88	24.82		
10	25	0		23.93	23.98	23.93		
10	25	12		23.94	23.98	23.92		
10	25	25		23.96	23.98	23.92		
10	50	0		23.92	24.00	23.93		
10	1	0	16-QAM	24.31	24.29	24.19	16.38	0.0435
10	1	25		24.25	24.20	24.12		
10	1	49		24.33	24.24	24.09		
10	25	0		23.05	22.99	22.92		
10	25	12		23.05	22.99	22.92		
10	25	25		23.06	22.98	22.92		
10	50	0		23.01	22.96	22.90		
10	1	0	64-QAM	23.25	23.04	23.09	15.36	0.0344
10	1	25		23.25	23.23	23.11		
10	1	49		23.31	23.14	23.06		
10	25	0		21.97	21.96	21.91		
10	25	12		22.00	21.94	21.87		
10	25	25		22.01	21.95	21.90		
10	50	0		22.03	21.97	21.91		
10	1	0	256-QAM	20.15	20.15	19.92	12.20	0.0166
10	1	25		19.88	19.94	19.66		
10	1	49		19.67	19.71	19.43		
10	25	0		19.75	19.84	19.52		
10	25	12		19.66	19.71	19.40		
10	25	25		19.49	19.58	19.27		
10	50	0		19.64	19.72	19.46		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.85	24.75	24.67	16.9	0.0490
5	1	12		24.78	24.67	24.60		
5	1	24		24.84	24.85	24.85		
5	12	0		24.11	24.02	23.93		
5	12	7		24.11	24.04	23.93		
5	12	13		24.11	24.02	23.93		
5	25	0		24.12	24.01	23.91		
5	1	0	16-QAM	24.36	24.24	24.29	16.41	0.0438
5	1	12		24.29	24.15	24.17		
5	1	24		24.36	24.28	24.20		
5	12	0		23.15	23.05	22.97		
5	12	7		23.18	23.07	22.99		
5	12	13		23.17	23.10	22.97		
5	25	0		23.09	23.03	22.95		
5	1	0	64-QAM	23.16	23.19	23.13	15.29	0.0338
5	1	12		23.15	23.00	23.03		
5	1	24		23.24	23.18	23.10		
5	12	0		22.15	22.04	21.98		
5	12	7		22.16	22.06	21.97		
5	12	13		22.14	22.05	21.98		
5	25	0		22.11	22.06	21.92		
5	1	0	256-QAM	20.16	20.05	20.02	12.30	0.0170
5	1	12		20.21	20.25	20.04		
5	1	24		20.13	20.12	19.89		
5	12	0		20.15	20.02	19.94		
5	12	7		20.12	20.02	19.92		
5	12	13		20.12	19.95	19.88		
5	25	0		19.98	19.97	19.84		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.82	24.75	24.63	16.91	0.0491
3	1	8		24.71	24.62	24.63		
3	1	14		24.79	24.86	24.83		
3	8	0		24.05	24.05	23.94		
3	8	4		24.11	24.06	23.96		
3	8	7		24.06	23.95	23.94		
3	15	0		24.15	23.95	23.87		
3	1	0	16-QAM	24.39	24.27	24.27	16.44	0.0441
3	1	8		24.27	24.17	24.17		
3	1	14		24.29	24.25	24.17		
3	8	0		23.09	22.99	22.99		
3	8	4		23.16	23.02	22.94		
3	8	7		23.10	23.10	22.97		
3	15	0		23.03	22.98	22.96		
3	1	0	64-QAM	23.17	23.19	23.11	15.24	0.0334
3	1	8		23.16	22.94	22.97		
3	1	14		23.18	23.19	23.05		
3	8	0		22.14	22.06	21.94		
3	8	4		22.14	22.03	21.95		
3	8	7		22.10	22.02	21.97		
3	15	0		22.04	22.02	21.89		
3	1	0	256-QAM	20.12	20.06	20.00	12.29	0.0169
3	1	8		20.24	20.20	19.98		
3	1	14		20.13	20.11	19.82		
3	8	0		20.14	20.03	19.97		
3	8	4		20.05	20.03	19.87		
3	8	7		20.06	19.90	19.83		
3	15	0		19.95	19.97	19.86		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.81	24.90	24.86	16.98	0.0499
1.4	1	3		24.80	24.93	24.90		
1.4	1	5		24.89	24.90	24.86		
1.4	3	0		23.90	23.96	23.87		
1.4	3	1		23.89	23.94	23.85		
1.4	3	3		23.86	23.90	23.86		
1.4	6	0		23.82	24.03	23.86		
1.4	1	0	16-QAM	24.18	24.23	24.16	16.28	0.0425
1.4	1	3		23.99	24.17	23.93		
1.4	1	5		24.04	24.23	24.15		
1.4	3	0		22.86	22.98	22.88		
1.4	3	1		22.91	22.94	22.96		
1.4	3	3		23.02	22.97	22.95		
1.4	6	0		22.94	23.00	22.97		
1.4	1	0	64-QAM	23.15	23.07	22.94	15.20	0.0331
1.4	1	3		22.99	23.10	23.05		
1.4	1	5		23.14	23.13	23.12		
1.4	3	0		21.88	22.01	21.94		
1.4	3	1		21.94	22.05	22.00		
1.4	3	3		21.93	21.94	22.03		
1.4	6	0		21.99	22.00	21.93		
1.4	1	0	256-QAM	20.07	20.00	19.95	12.30	0.0170
1.4	1	3		20.25	20.13	19.97		
1.4	1	5		20.16	20.06	19.84		
1.4	3	0		20.10	19.98	19.97		
1.4	3	1		20.06	20.02	19.84		
1.4	3	3		20.09	19.84	19.81		
1.4	6	0		19.95	19.93	19.81		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.77	-	17.42	0.0552
10	1	25			24.69			
10	1	49			24.69			
10	25	0			23.89			
10	25	12			23.89			
10	25	25			23.83			
10	50	0			23.90			
10	1	0	16-QAM		24.08		16.84	0.0483
10	1	25			24.04			
10	1	49			24.19			
10	25	0			22.88			
10	25	12			22.87			
10	25	25			22.86			
10	50	0			22.87			
10	1	0	64-QAM		22.93		15.74	0.0375
10	1	25			23.00			
10	1	49			23.09			
10	25	0			21.85			
10	25	12			21.82			
10	25	25			21.86			
10	50	0			21.89			
10	1	0	256-QAM		19.97		12.62	0.0183
10	1	25			19.96			
10	1	49			19.72			
10	25	0			19.78			
10	25	12			19.66			
10	25	25			19.64			
10	50	0			19.76			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.73	24.74	24.72	17.39	0.0548
5	1	12		24.71	24.70	24.73		
5	1	24		24.73	24.73	24.69		
5	12	0		24.09	24.09	24.04		
5	12	7		24.10	24.07	24.04		
5	12	13		24.08	24.06	24.03		
5	25	0		24.14	24.08	24.04		
5	1	0	16-QAM	24.24	24.34	24.23	17.05	0.0507
5	1	12		24.21	24.24	24.20		
5	1	24		24.28	24.40	24.27		
5	12	0		23.11	23.11	23.05		
5	12	7		23.15	23.10	23.11		
5	12	13		23.14	23.13	23.10		
5	25	0		23.10	23.10	23.04		
5	1	0	64-QAM	23.15	23.27	23.15	15.93	0.0392
5	1	12		23.12	23.22	23.12		
5	1	24		23.25	23.28	23.19		
5	12	0		22.14	22.12	22.06		
5	12	7		22.18	22.13	22.10		
5	12	13		22.17	22.14	22.11		
5	25	0		22.14	22.09	22.06		
5	1	0	256-QAM	20.17	19.85	20.05	12.88	0.0194
5	1	12		20.23	19.93	19.98		
5	1	24		20.05	20.06	20.20		
5	12	0		20.07	19.67	20.07		
5	12	7		20.03	20.23	20.07		
5	12	13		19.99	20.10	20.03		
5	25	0		19.98	19.81	19.97		
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)
10	1	0	QPSK	24.95	24.86	24.89	17.40	0.0550
10	1	25		24.84	24.78	24.81		
10	1	49		24.85	24.84	24.83		
10	25	0		24.00	24.01	23.99		
10	25	12		24.01	24.00	23.99		
10	25	25		23.99	24.00	23.99		
10	50	0		24.03	24.00	24.00		
10	1	0	16-QAM	24.23	24.19	24.24	16.74	0.0472
10	1	25		24.15	24.20	24.12		
10	1	49		24.21	24.29	24.23		
10	25	0		23.00	23.02	22.99		
10	25	12		23.01	23.00	22.97		
10	25	25		23.02	23.01	22.98		
10	50	0		22.98	22.98	22.96		
10	1	0	64-QAM	23.20	23.14	23.19	15.65	0.0367
10	1	25		23.11	23.04	23.13		
10	1	49		23.12	23.14	23.12		
10	25	0		22.01	21.99	21.98		
10	25	12		22.02	21.99	21.97		
10	25	25		22.02	22.01	22.00		
10	50	0		22.04	22.04	22.03		
10	1	0	256-QAM	20.02	19.92	19.95	12.51	0.0178
10	1	25		19.98	19.92	19.90		
10	1	49		19.89	19.87	19.84		
10	25	0		20.06	19.96	19.94		
10	25	12		19.79	19.77	19.80		
10	25	25		19.72	19.65	19.63		
10	50	0		19.90	19.83	19.86		
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	24.92	24.92	24.86	17.39	0.0548
5	1	12		24.91	24.85	24.82		
5	1	24		24.92	24.94	24.92		
5	12	0		24.21	24.15	24.10		
5	12	7		24.20	24.15	24.10		
5	12	13		24.20	24.12	24.10		
5	25	0		24.19	24.11	24.09		
5	1	0	16-QAM	24.49	24.43	24.38	16.94	0.0494
5	1	12		24.40	24.32	24.34		
5	1	24		24.42	24.38	24.35		
5	12	0		23.23	23.16	23.13		
5	12	7		23.26	23.22	23.13		
5	12	13		23.28	23.19	23.13		
5	25	0		23.23	23.18	23.09		
5	1	0	64-QAM	23.35	23.31	23.28	15.81	0.0381
5	1	12		23.28	23.14	23.20		
5	1	24		23.36	23.25	23.27		
5	12	0		22.23	22.23	22.17		
5	12	7		22.24	22.18	22.16		
5	12	13		22.25	22.16	22.15		
5	25	0		22.22	22.16	22.10		
5	1	0	256-QAM	20.23	20.21	20.14	12.68	0.0185
5	1	12		20.01	19.98	20.03		
5	1	24		20.08	20.22	19.92		
5	12	0		20.01	20.02	19.90		
5	12	7		19.94	19.88	20.06		
5	12	13		19.98	19.87	19.88		
5	25	0		19.91	19.92	19.86		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.76	24.94	24.76	18.19	0.0659
15	1	37		24.37	24.44	24.47		
15	1	74		24.48	24.30	24.38		
15	36	0		23.62	23.74	23.61		
15	36	20		23.60	23.80	23.59		
15	36	39		23.56	23.58	23.56		
15	75	0		23.57	23.45	23.59		
15	1	0	16-QAM	23.86	23.94	23.95	17.26	0.0532
15	1	37		23.91	24.01	23.90		
15	1	74		23.95	23.75	23.82		
15	36	0		22.60	22.75	22.64		
15	36	20		22.60	22.79	22.60		
15	36	39		22.59	22.58	22.56		
15	75	0		22.57	22.50	22.58		
15	1	0	64-QAM	22.87	22.85	22.85	16.12	0.0409
15	1	37		22.81	22.69	22.80		
15	1	74		22.75	22.50	22.54		
15	36	0		21.59	21.73	21.03		
15	36	20		21.57	21.68	21.06		
15	36	39		21.56	21.40	21.08		
15	75	0		21.51	21.46	21.04		
15	1	0	256-QAM	19.65	19.53	19.57	13.06	0.0202
15	1	37		19.69	19.81	19.57		
15	1	74		19.63	19.76	19.49		
15	36	0		18.53	18.32	18.54		
15	36	20		18.52	18.39	18.47		
15	36	39		18.54	18.37	18.48		
15	75	0		18.58	18.69	18.54		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.61	24.56	24.56	17.86	0.0611
10	1	25		24.46	24.54	24.49		
10	1	49		24.57	24.61	24.48		
10	25	0		23.60	23.80	23.70		
10	25	12		23.68	23.66	23.68		
10	25	25		23.56	23.64	23.65		
10	50	0		23.71	23.78	23.69		
10	1	0	16-QAM	23.90	23.76	23.97	17.22	0.0527
10	1	25		23.92	23.78	23.78		
10	1	49		23.80	23.84	23.65		
10	25	0		22.75	22.64	22.75		
10	25	12		22.69	22.80	22.70		
10	25	25		22.71	22.68	22.69		
10	50	0		22.63	22.77	22.67		
10	1	0	64-QAM	22.76	22.80	22.88	16.21	0.0418
10	1	25		22.96	22.82	22.81		
10	1	49		22.73	22.94	22.70		
10	25	0		21.62	21.68	21.68		
10	25	12		21.72	21.75	21.64		
10	25	25		21.74	21.56	21.62		
10	50	0		21.66	21.71	21.68		
10	1	0	256-QAM	19.88	19.85	19.78	13.13	0.0206
10	1	25		19.53	19.78	19.74		
10	1	49		19.68	19.87	19.69		
10	25	0		18.74	19.09	18.80		
10	25	12		18.65	18.64	18.65		
10	25	25		18.48	18.72	18.63		
10	50	0		18.78	18.75	18.69		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.65	24.79	24.72	18.04	0.0637
5	1	12		24.61	24.56	24.64		
5	1	24		24.68	24.64	24.69		
5	12	0		23.70	23.72	23.72		
5	12	7		23.66	23.62	23.74		
5	12	13		23.67	23.64	23.69		
5	25	0		23.51	23.61	23.68		
5	1	0	16-QAM	23.91	23.99	23.99	17.29	0.0536
5	1	12		23.83	24.04	23.86		
5	1	24		23.90	23.91	23.86		
5	12	0		22.73	22.82	22.74		
5	12	7		22.83	22.67	22.78		
5	12	13		22.74	22.85	22.73		
5	25	0		22.70	22.68	22.68		
5	1	0	64-QAM	22.69	22.83	22.91	16.16	0.0413
5	1	12		22.78	22.77	22.74		
5	1	24		22.82	22.87	22.71		
5	12	0		21.72	21.81	21.77		
5	12	7		21.72	21.73	21.77		
5	12	13		21.88	21.78	21.73		
5	25	0		21.66	21.77	21.66		
5	1	0	256-QAM	19.67	19.76	19.70	13.01	0.0200
5	1	12		19.45	19.69	19.60		
5	1	24		19.61	19.68	19.63		
5	12	0		18.71	18.77	18.76		
5	12	7		18.54	18.46	18.65		
5	12	13		18.52	18.52	18.52		
5	25	0		18.64	18.63	18.59		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.79	24.74	24.44	18.04	0.0637
3	1	8		24.74	24.50	24.49		
3	1	14		24.64	24.63	24.59		
3	8	0		23.59	23.57	23.63		
3	8	4		23.64	23.61	23.58		
3	8	7		23.53	23.65	23.66		
3	15	0		23.64	23.51	23.61		
3	1	0	16-QAM	23.69	23.82	23.88	17.19	0.0524
3	1	8		23.61	23.70	23.64		
3	1	14		23.94	23.86	23.88		
3	8	0		22.62	22.62	22.67		
3	8	4		22.64	22.58	22.66		
3	8	7		22.69	22.70	22.64		
3	15	0		22.67	22.71	22.59		
3	1	0	64-QAM	22.86	22.62	22.88	16.14	0.0411
3	1	8		22.72	22.81	22.74		
3	1	14		22.89	22.86	22.74		
3	8	0		21.55	21.63	21.59		
3	8	4		21.76	21.62	21.57		
3	8	7		21.61	21.63	21.59		
3	15	0		21.52	21.51	21.59		
3	1	0	256-QAM	19.62	19.63	19.72	13.14	0.0206
3	1	8		19.70	19.45	19.50		
3	1	14		19.89	19.78	19.62		
3	8	0		18.84	18.64	18.64		
3	8	4		18.76	18.70	18.59		
3	8	7		18.76	18.82	18.55		
3	15	0		18.72	18.61	18.55		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.71	23.55	23.51	16.96	0.0497
1.4	1	3		23.60	23.57	23.56		
1.4	1	5		23.71	23.58	23.60		
1.4	3	0		23.53	23.47	23.50		
1.4	3	1		23.66	23.60	23.52		
1.4	3	3		23.66	23.63	23.60		
1.4	6	0		22.63	22.56	22.60		
1.4	1	0	16-QAM	22.81	22.66	22.54	16.19	0.0416
1.4	1	3		22.77	22.83	22.64		
1.4	1	5		22.94	22.73	22.77		
1.4	3	0		22.53	22.73	22.65		
1.4	3	1		22.79	22.71	22.69		
1.4	3	3		22.72	22.76	22.69		
1.4	6	0		21.67	21.62	21.61		
1.4	1	0	64-QAM	21.77	21.75	21.67	15.16	0.0328
1.4	1	3		21.72	21.53	21.64		
1.4	1	5		21.70	21.78	21.60		
1.4	3	0		21.72	21.59	21.51		
1.4	3	1		21.91	21.75	21.79		
1.4	3	3		21.79	21.68	21.67		
1.4	6	0		20.66	20.59	20.50		
1.4	1	0	256-QAM	18.64	18.67	18.67	13.04	0.0201
1.4	1	3		18.53	18.72	18.69		
1.4	1	5		18.72	19.79	18.72		
1.4	3	0		18.66	18.67	18.76		
1.4	3	1		18.78	18.84	18.77		
1.4	3	3		18.91	18.72	18.79		
1.4	6	0		17.72	17.85	17.77		
Limit	ERP < 7W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.36	26.03	25.81	27.06	0.5082
20	1	49		26.18	25.87	25.68		
20	1	99		26.25	26.00	25.77		
20	50	0		24.43	24.15	23.87		
20	50	24		24.41	24.11	23.83		
20	50	50		24.42	24.08	23.83		
20	100	0		24.40	24.07	23.81		
20	1	0	16-QAM	24.59	24.43	24.06	25.40	0.3467
20	1	49		24.42	24.24	23.82		
20	1	99		24.70	24.13	23.91		
20	50	0		23.43	23.10	22.83		
20	50	24		23.39	23.11	22.80		
20	50	50		23.35	23.06	22.82		
20	100	0		23.39	23.10	22.84		
20	1	0	64-QAM	23.67	23.05	22.94	24.37	0.2735
20	1	49		23.44	22.84	22.63		
20	1	99		23.52	22.93	22.70		
20	50	0		22.37	22.07	21.82		
20	50	24		22.35	22.04	21.77		
20	50	50		22.34	22.02	21.79		
20	100	0		22.35	22.01	21.78		
20	1	0	256-QAM	23.46	23.33	23.01	24.16	0.2606
20	1	49		23.24	23.15	22.75		
20	1	99		23.27	23.19	22.84		
20	50	0		22.15	22.02	21.69		
20	50	24		22.09	22.05	21.68		
20	50	50		22.23	22.09	21.75		
20	100	0		22.26	22.12	21.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.22	25.79	25.63	26.92	0.4920
15	1	37		26.01	25.69	25.44		
15	1	74		26.07	25.83	25.58		
15	36	0		24.18	23.90	23.61		
15	36	20		24.22	23.85	23.60		
15	36	39		24.23	23.86	23.61		
15	75	0		24.23	23.84	23.59		
15	1	0	16-QAM	24.55	24.28	23.93	25.29	0.3381
15	1	37		24.46	24.08	23.78		
15	1	74		24.59	24.25	24.05		
15	36	0		23.23	22.86	22.60		
15	36	20		23.23	22.59	22.58		
15	36	39		23.18	22.83	22.57		
15	75	0		23.24	22.85	22.58		
15	1	0	64-QAM	23.12	22.99	22.49	24.03	0.2529
15	1	37		22.75	22.38	22.27		
15	1	74		23.33	23.00	22.77		
15	36	0		22.21	21.83	21.56		
15	36	20		22.17	21.96	21.57		
15	36	39		22.16	21.81	21.57		
15	75	0		22.18	21.81	21.58		
15	1	0	256-QAM	23.07	22.87	22.77	23.77	0.2382
15	1	37		22.83	22.65	22.51		
15	1	74		22.82	22.71	22.54		
15	36	0		21.98	21.82	21.65		
15	36	20		21.92	21.77	21.59		
15	36	39		21.98	21.81	21.66		
15	75	0		21.83	21.70	21.56		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.20	25.82	25.50	26.99	0.5000
10	1	25		26.29	25.98	25.70		
10	1	49		26.09	25.83	25.53		
10	25	0		24.17	23.85	23.55		
10	25	12		24.17	23.85	23.54		
10	25	25		24.15	23.85	23.57		
10	50	0		24.19	23.88	23.59		
10	1	0	16-QAM	24.58	24.18	23.72	25.29	0.3381
10	1	25		24.05	23.71	23.50		
10	1	49		24.59	24.21	23.66		
10	25	0		23.31	22.91	22.55		
10	25	12		23.29	22.90	22.55		
10	25	25		23.29	22.89	22.54		
10	50	0		23.26	22.87	22.60		
10	1	0	64-QAM	23.51	23.09	22.44	24.28	0.2679
10	1	25		23.58	23.22	22.62		
10	1	49		23.21	22.83	22.70		
10	25	0		22.23	21.84	21.56		
10	25	12		22.21	21.84	21.57		
10	25	25		22.17	21.81	21.58		
10	50	0		22.22	21.84	21.54		
10	1	0	256-QAM	23.14	22.95	22.66	23.84	0.2421
10	1	25		22.55	22.45	22.29		
10	1	49		22.83	22.64	22.27		
10	25	0		21.79	21.66	21.29		
10	25	12		21.95	21.80	21.46		
10	25	25		21.98	21.78	21.49		
10	50	0		22.00	21.85	21.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.11	25.76	25.43	26.81	0.4797
5	1	12		25.96	25.63	25.31		
5	1	24		26.10	25.71	25.43		
5	12	0		24.25	23.84	23.50		
5	12	7		24.24	23.83	23.50		
5	12	13		24.24	23.83	23.52		
5	25	0		24.24	23.81	23.53		
5	1	0	16-QAM	24.18	23.98	23.46	25.24	0.3342
5	1	12		24.45	24.31	23.72		
5	1	24		24.54	24.21	23.92		
5	12	0		23.25	22.85	22.55		
5	12	7		23.26	22.82	22.51		
5	12	13		23.28	22.81	22.52		
5	25	0		23.30	22.84	22.56		
5	1	0	64-QAM	23.35	22.86	22.55	24.05	0.2541
5	1	12		23.00	22.57	22.27		
5	1	24		23.35	22.95	22.64		
5	12	0		22.32	21.86	21.62		
5	12	7		22.31	21.78	21.48		
5	12	13		22.18	21.78	21.53		
5	25	0		22.20	21.74	21.51		
5	1	0	256-QAM	23.16	22.91	22.65	23.86	0.2432
5	1	12		22.45	22.79	22.54		
5	1	24		22.33	22.62	22.29		
5	12	0		21.43	21.70	21.40		
5	12	7		21.37	21.72	21.41		
5	12	13		21.51	21.80	21.49		
5	25	0		21.53	21.85	21.54		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.29	24.67	24.99	25.69	0.3707
20	1	49		24.01	24.53	24.82		
20	1	99		24.03	24.63	24.86		
20	50	0		22.17	22.68	22.93		
20	50	24		22.16	22.66	22.97		
20	50	50		22.24	22.70	23.00		
20	100	0		22.26	22.65	22.97		
20	1	0	16-QAM	22.29	22.60	22.96	23.71	0.2350
20	1	49		22.13	22.44	22.87		
20	1	99		22.26	22.55	23.01		
20	50	0		21.24	21.62	22.02		
20	50	24		21.20	21.59	22.01		
20	50	50		21.21	21.60	22.02		
20	100	0		21.22	21.61	22.05		
20	1	0	64-QAM	21.15	21.43	21.73	22.47	0.1766
20	1	49		21.15	21.24	21.59		
20	1	99		21.25	21.36	21.77		
20	50	0		20.22	20.59	21.01		
20	50	24		20.15	20.53	21.01		
20	50	50		20.19	20.54	20.99		
20	100	0		20.20	20.56	20.99		
20	1	0	256-QAM	21.37	21.59	22.00	22.70	0.1862
20	1	49		21.56	21.43	21.81		
20	1	99		21.64	21.45	21.84		
20	50	0		20.83	20.66	20.96		
20	50	24		20.83	20.62	21.00		
20	50	50		20.80	20.61	20.93		
20	100	0		20.77	20.65	21.00		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.57	24.34	24.74	25.56	0.3597
15	1	37		23.99	24.45	24.86		
15	1	74		23.74	24.14	24.63		
15	36	0		22.15	22.21	22.53		
15	36	20		22.14	22.27	22.64		
15	36	39		22.22	22.28	22.75		
15	75	0		22.26	22.36	22.69		
15	1	0	16-QAM	22.11	22.27	22.69	23.39	0.2183
15	1	37		22.11	22.18	22.42		
15	1	74		22.20	22.34	22.49		
15	36	0		21.24	21.30	21.66		
15	36	20		21.23	21.35	21.71		
15	36	39		21.22	21.32	21.80		
15	75	0		21.29	21.46	21.75		
15	1	0	64-QAM	21.15	21.12	21.60	22.49	0.1774
15	1	37		21.23	21.27	21.79		
15	1	74		21.15	21.28	21.60		
15	36	0		20.25	20.36	20.74		
15	36	20		20.24	20.33	20.70		
15	36	39		20.29	20.34	20.73		
15	75	0		20.16	20.43	20.82		
15	1	0	256-QAM	21.14	21.25	21.48	22.18	0.1652
15	1	37		21.15	21.35	21.48		
15	1	74		21.04	21.24	21.40		
15	36	0		20.18	20.37	20.50		
15	36	20		20.21	20.33	20.55		
15	36	39		20.12	20.30	20.53		
15	75	0		20.18	20.31	20.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.00	24.40	24.77	25.48	0.3532
10	1	25		23.87	24.44	24.78		
10	1	49		23.77	24.26	24.59		
10	25	0		22.12	22.55	22.82		
10	25	12		22.15	22.61	22.88		
10	25	25		22.19	22.65	22.95		
10	50	0		22.15	22.70	22.98		
10	1	0	16-QAM	22.18	22.61	22.92	23.62	0.2301
10	1	25		22.11	22.56	22.87		
10	1	49		22.13	22.58	22.90		
10	25	0		21.18	21.66	21.98		
10	25	12		21.19	21.66	22.00		
10	25	25		21.17	21.67	21.99		
10	50	0		21.11	21.64	21.93		
10	1	0	64-QAM	21.13	21.19	21.54	22.48	0.1770
10	1	25		21.19	21.34	21.78		
10	1	49		21.17	21.23	21.72		
10	25	0		20.18	20.58	21.00		
10	25	12		20.19	20.60	21.02		
10	25	25		20.18	20.61	21.01		
10	50	0		20.21	20.62	21.01		
10	1	0	256-QAM	21.10	21.44	21.54	22.24	0.1675
10	1	25		21.00	21.38	21.46		
10	1	49		20.98	21.34	21.37		
10	25	0		20.04	20.40	20.45		
10	25	12		20.03	20.39	20.43		
10	25	25		19.92	20.35	20.36		
10	50	0		19.96	20.37	20.43		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.27	24.70	24.98	25.68	0.3698
5	1	12		24.36	24.92	24.86		
5	1	24		24.02	24.59	24.81		
5	12	0		22.26	22.56	22.87		
5	12	7		22.27	22.62	22.95		
5	12	13		22.11	22.64	22.96		
5	25	0		22.16	22.77	23.04		
5	1	0	16-QAM	22.13	22.73	23.08	23.81	0.2404
5	1	12		22.18	22.58	22.72		
5	1	24		22.15	22.79	23.11		
5	12	0		21.18	21.67	22.01		
5	12	7		21.19	21.65	22.04		
5	12	13		21.15	21.66	22.04		
5	25	0		21.27	21.78	22.11		
5	1	0	64-QAM	21.14	21.44	21.75	22.72	0.1871
5	1	12		21.16	21.69	22.02		
5	1	24		21.11	21.42	21.80		
5	12	0		21.18	20.66	21.04		
5	12	7		20.14	20.66	21.09		
5	12	13		20.14	20.66	21.12		
5	25	0		20.28	20.69	21.12		
5	1	0	256-QAM	21.10	21.33	21.64	22.54	0.1795
5	1	12		21.42	21.66	21.84		
5	1	24		21.11	21.40	21.61		
5	12	0		20.00	20.31	20.55		
5	12	7		19.99	20.30	20.53		
5	12	13		19.97	20.28	20.53		
5	25	0		20.07	20.38	20.62		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.03	26.63	27.00	27.70	0.5888
20	1	49		25.94	26.49	26.86		
20	1	99		26.00	26.54	26.93		
20	50	0		24.18	24.70	25.09		
20	50	24		24.13	24.70	25.08		
20	50	50		24.24	24.77	25.10		
20	100	0		24.13	24.67	25.09		
20	1	0	16-QAM	24.40	24.94	25.01	25.84	0.3837
20	1	49		24.07	24.62	24.89		
20	1	99		24.18	24.70	25.14		
20	50	0		23.14	23.72	24.08		
20	50	24		23.11	23.67	24.07		
20	50	50		23.10	23.65	24.06		
20	100	0		23.20	23.64	24.13		
20	1	0	64-QAM	23.33	23.81	24.13	24.90	0.3090
20	1	49		23.10	23.66	24.16		
20	1	99		23.29	23.77	24.20		
20	50	0		22.22	22.65	23.13		
20	50	24		22.17	22.60	23.14		
20	50	50		22.24	22.58	23.19		
20	100	0		22.24	22.63	23.18		
20	1	0	256-QAM	23.19	23.84	24.16	24.86	0.3062
20	1	49		22.89	23.57	23.79		
20	1	99		22.95	23.62	23.91		
20	50	0		21.84	22.55	22.78		
20	50	24		21.88	22.58	22.79		
20	50	50		21.89	22.64	22.91		
20	100	0		21.91	22.66	22.91		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.50	26.33	26.74	27.44	0.5546
15	1	37		25.82	26.31	26.60		
15	1	74		25.87	26.34	26.72		
15	36	0		23.94	24.38	24.79		
15	36	20		23.89	24.40	24.82		
15	36	39		23.92	24.35	24.79		
15	75	0		23.94	24.38	24.80		
15	1	0	16-QAM	23.88	24.72	24.73	25.48	0.3532
15	1	37		23.99	24.31	24.78		
15	1	74		23.82	24.36	24.72		
15	36	0		22.87	23.40	23.76		
15	36	20		22.82	23.39	23.75		
15	36	39		22.89	23.38	23.78		
15	75	0		22.95	23.41	23.79		
15	1	0	64-QAM	23.08	23.32	23.72	24.46	0.2793
15	1	37		22.53	22.61	23.04		
15	1	74		22.91	23.47	23.76		
15	36	0		22.00	22.43	22.85		
15	36	20		21.95	22.39	22.88		
15	36	39		22.03	22.38	22.95		
15	75	0		22.17	22.37	22.92		
15	1	0	256-QAM	23.00	23.57	23.74	24.44	0.2780
15	1	37		22.84	23.46	23.60		
15	1	74		22.76	23.35	23.41		
15	36	0		21.75	22.31	22.43		
15	36	20		21.70	22.32	22.46		
15	36	39		21.81	22.36	22.45		
15	75	0		21.75	22.38	22.46		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.87	26.29	26.70	27.56	0.5702
10	1	25		25.93	26.48	26.86		
10	1	49		25.81	26.32	26.65		
10	25	0		23.90	24.36	24.68		
10	25	12		23.88	24.38	24.78		
10	25	25		23.89	24.36	24.79		
10	50	0		23.97	24.43	24.81		
10	1	0	16-QAM	23.97	24.67	24.92	25.62	0.3648
10	1	25		23.59	24.01	24.26		
10	1	49		23.93	24.36	24.67		
10	25	0		22.92	23.47	23.81		
10	25	12		22.91	23.46	23.84		
10	25	25		22.84	23.48	23.85		
10	50	0		22.94	23.46	23.80		
10	1	0	64-QAM	23.05	23.66	24.00	24.90	0.3090
10	1	25		23.18	23.88	24.20		
10	1	49		22.92	23.60	23.77		
10	25	0		21.98	22.40	22.79		
10	25	12		21.97	22.38	22.86		
10	25	25		22.13	22.39	22.86		
10	50	0		22.04	22.40	22.90		
10	1	0	256-QAM	22.95	23.28	23.77	24.47	0.2799
10	1	25		22.61	22.78	23.16		
10	1	49		22.68	23.11	23.52		
10	25	0		21.81	22.20	22.65		
10	25	12		21.88	22.27	22.75		
10	25	25		21.85	22.23	22.62		
10	50	0		21.94	22.37	22.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.88	26.30	26.67	27.37	0.5458
5	1	12		25.38	25.99	26.35		
5	1	24		25.74	26.29	26.59		
5	12	0		23.84	24.36	24.68		
5	12	7		23.82	24.37	24.72		
5	12	13		23.88	24.36	24.71		
5	25	0		23.87	24.33	24.67		
5	1	0	16-QAM	23.85	24.44	24.80	25.68	0.3698
5	1	12		24.00	24.54	24.98		
5	1	24		23.90	24.31	24.64		
5	12	0		22.79	23.43	23.76		
5	12	7		22.84	23.45	23.85		
5	12	13		22.87	23.43	23.80		
5	25	0		22.92	23.47	23.82		
5	1	0	64-QAM	23.06	23.74	24.04	24.74	0.2979
5	1	12		22.59	23.10	23.57		
5	1	24		22.94	23.62	24.00		
5	12	0		22.01	22.37	22.79		
5	12	7		22.11	22.35	22.86		
5	12	13		22.11	22.35	22.87		
5	25	0		21.99	22.34	22.88		
5	1	0	256-QAM	22.98	23.27	23.78	24.59	0.2877
5	1	12		23.07	23.43	23.89		
5	1	24		22.88	23.25	23.72		
5	12	0		21.92	22.28	22.73		
5	12	7		21.99	22.29	22.70		
5	12	13		21.92	22.28	22.76		
5	25	0		21.99	22.30	22.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 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	23.88	23.81	23.58	21.78	0.1507
20	1	49		23.75	23.62	23.42		
20	1	99		23.62	23.50	23.31		
20	50	0		22.88	22.81	22.64		
20	50	24		22.85	22.74	22.60		
20	50	50		22.80	22.67	22.53		
20	100	0		22.84	22.74	22.60		
20	1	0	16-QAM	23.23	23.12	22.91	21.13	0.1297
20	1	49		22.89	22.90	22.65		
20	1	99		22.89	22.80	22.66		
20	50	0		20.91	20.80	20.64		
20	50	24		20.88	20.75	20.62		
20	50	50		20.81	20.68	20.58		
20	100	0		20.85	20.73	20.61		
20	1	0	64-QAM	22.25	22.11	22.05	20.15	0.1035
20	1	49		22.10	21.98	21.90		
20	1	99		22.06	21.83	21.80		
20	50	0		20.96	20.86	20.72		
20	50	24		20.92	20.81	20.68		
20	50	50		20.85	20.71	20.62		
20	100	0		20.87	20.74	20.63		
20	1	0	256-QAM	18.50	18.45	18.48	16.41	0.0438
20	1	49		18.47	18.49	18.51		
20	1	99		18.48	18.45	18.45		
20	50	0		17.24	17.23	17.18		
20	50	24		17.27	17.32	17.30		
20	50	50		17.25	17.26	17.20		
20	100	0		17.19	17.23	17.21		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	23.83	23.67	23.51	21.73	0.1489
15	1	37		23.71	23.56	23.33		
15	1	74		23.70	23.51	23.23		
15	36	0		22.84	22.71	22.59		
15	36	20		22.79	22.65	22.54		
15	36	39		22.76	22.61	22.51		
15	75	0		22.80	22.67	22.55		
15	1	0	16-QAM	23.08	23.04	22.98	20.98	0.1253
15	1	37		22.96	22.84	22.78		
15	1	74		22.96	22.84	22.80		
15	36	0		20.83	20.71	20.60		
15	36	20		20.77	20.65	20.54		
15	36	39		20.74	20.61	20.52		
15	75	0		20.79	20.64	20.54		
15	1	0	64-QAM	22.10	21.94	21.76	20.00	0.1000
15	1	37		21.88	21.76	21.65		
15	1	74		21.85	21.72	21.69		
15	36	0		20.82	20.71	20.59		
15	36	20		20.79	20.65	20.55		
15	36	39		20.73	20.59	20.53		
15	75	0		20.75	20.64	20.53		
15	1	0	256-QAM	18.50	18.46	18.50	16.42	0.0439
15	1	37		18.43	18.47	18.52		
15	1	74		18.44	18.41	18.41		
15	36	0		17.22	17.25	17.20		
15	36	20		17.20	17.28	17.25		
15	36	39		17.23	17.21	17.23		
15	75	0		17.22	17.16	17.16		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	23.63	23.54	23.40	21.53	0.1422
10	1	25		23.39	23.31	23.19		
10	1	49		23.52	23.40	23.28		
10	25	0		22.70	22.58	22.44		
10	25	12		22.70	22.54	22.43		
10	25	25		22.69	22.52	22.41		
10	50	0		22.70	22.56	22.42		
10	1	0	16-QAM	23.02	22.87	22.71	20.92	0.1236
10	1	25		22.76	22.73	22.57		
10	1	49		22.80	22.68	22.59		
10	25	0		20.75	20.61	20.48		
10	25	12		20.73	20.56	20.46		
10	25	25		20.71	20.53	20.44		
10	50	0		20.67	20.52	20.40		
10	1	0	64-QAM	21.95	21.75	21.59	19.85	0.0966
10	1	25		21.89	21.58	21.57		
10	1	49		21.83	21.65	21.53		
10	25	0		20.72	20.55	20.44		
10	25	12		20.66	20.52	20.42		
10	25	25		20.66	20.50	20.40		
10	50	0		20.69	20.52	20.42		
10	1	0	256-QAM	18.43	18.40	18.51	16.41	0.0438
10	1	25		18.38	18.50	18.49		
10	1	49		18.46	18.43	18.44		
10	25	0		17.21	17.25	17.17		
10	25	12		17.13	17.28	17.19		
10	25	25		17.20	17.20	17.22		
10	50	0		17.18	17.12	17.15		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 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	23.70	23.55	23.44	21.60	0.1445
5	1	12		23.64	23.49	23.39		
5	1	24		23.69	23.55	23.44		
5	12	0		22.73	22.60	22.49		
5	12	7		22.75	22.58	22.49		
5	12	13		22.72	22.54	22.46		
5	25	0		22.73	22.58	22.46		
5	1	0	16-QAM	23.05	22.93	22.83	20.95	0.1245
5	1	12		22.87	22.78	22.75		
5	1	24		23.00	22.83	22.77		
5	12	0		20.79	20.62	20.52		
5	12	7		20.75	20.58	20.51		
5	12	13		20.73	20.57	20.51		
5	25	0		20.71	20.59	20.48		
5	1	0	64-QAM	21.86	21.80	21.71	19.76	0.0946
5	1	12		21.74	21.73	21.49		
5	1	24		21.80	21.68	21.62		
5	12	0		20.74	20.59	20.55		
5	12	7		20.73	20.58	20.47		
5	12	13		20.71	20.57	20.46		
5	25	0		20.71	20.56	20.46		
5	1	0	256-QAM	18.45	18.42	18.47	16.41	0.0438
5	1	12		18.33	18.51	18.45		
5	1	24		18.39	18.39	18.40		
5	12	0		17.18	17.21	17.17		
5	12	7		17.16	17.30	17.16		
5	12	13		17.19	17.19	17.17		
5	25	0		17.16	17.13	17.12		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.79	23.63	23.49	21.69	0.1476
3	1	8		23.65	23.48	23.36		
3	1	14		23.75	23.57	23.46		
3	8	0		22.74	22.58	22.46		
3	8	4		22.76	22.59	22.44		
3	8	7		22.73	22.55	22.44		
3	15	0		22.71	22.55	22.43		
3	1	0	16-QAM	23.07	22.89	22.76	20.97	0.1250
3	1	8		22.96	22.76	22.62		
3	1	14		23.05	22.87	22.72		
3	8	0		20.75	20.56	20.45		
3	8	4		20.75	20.55	20.46		
3	8	7		20.76	20.56	20.49		
3	15	0		20.72	20.50	20.42		
3	1	0	64-QAM	21.92	21.70	21.64	19.82	0.0959
3	1	8		21.84	21.64	21.51		
3	1	14		21.88	21.67	21.58		
3	8	0		20.72	20.52	20.41		
3	8	4		20.68	20.51	20.40		
3	8	7		20.75	20.57	20.49		
3	15	0		20.72	20.52	20.43		
3	1	0	256-QAM	18.41	18.37	18.43	16.37	0.0434
3	1	8		18.28	18.47	18.45		
3	1	14		18.38	18.34	18.39		
3	8	0		17.12	17.24	17.16		
3	8	4		17.09	17.25	17.09		
3	8	7		17.21	17.19	17.19		
3	15	0		17.13	17.07	17.09		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.75	23.59	23.45	21.68	0.1472
1.4	1	3		23.64	23.46	23.39		
1.4	1	5		23.76	23.59	23.46		
1.4	3	0		23.67	23.48	23.36		
1.4	3	1		23.78	23.54	23.52		
1.4	3	3		23.65	23.64	23.45		
1.4	6	0		22.78	22.58	22.51		
1.4	1	0	16-QAM	23.01	22.75	22.89	20.91	0.1233
1.4	1	3		22.80	22.73	22.72		
1.4	1	5		22.99	22.80	22.84		
1.4	3	0		22.79	22.61	22.58		
1.4	3	1		22.84	22.55	22.64		
1.4	3	3		22.77	22.66	22.52		
1.4	6	0		20.80	20.59	20.61		
1.4	1	0	64-QAM	21.89	21.71	21.77	19.83	0.0962
1.4	1	3		21.93	21.57	21.71		
1.4	1	5		21.92	21.68	21.77		
1.4	3	0		21.73	21.54	21.58		
1.4	3	1		21.81	21.64	21.61		
1.4	3	3		21.86	21.65	21.67		
1.4	6	0		20.67	20.51	20.41		
1.4	1	0	256-QAM	18.44	18.32	18.46	16.37	0.0434
1.4	1	3		18.30	18.46	18.41		
1.4	1	5		18.31	18.29	18.41		
1.4	3	0		18.44	18.31	18.42		
1.4	3	1		18.25	18.46	18.47		
1.4	3	3		18.33	18.33	18.34		
1.4	6	0		17.11	17.15	17.32		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	25.04	24.98	24.77	14.89	0.0308
20	1	49		24.97	24.89	24.61		
20	1	99		24.90	24.76	24.58		
20	50	0		24.17	23.98	23.79		
20	50	24		24.14	23.92	23.75		
20	50	50		24.04	23.87	23.72		
20	100	0		24.09	23.87	23.73		
20	1	0	16-QAM	24.38	24.28	24.23	14.23	0.0265
20	1	49		24.32	24.32	24.12		
20	1	99		24.36	24.35	24.01		
20	50	0		23.12	22.98	22.83		
20	50	24		23.12	22.96	22.83		
20	50	50		23.05	22.93	22.78		
20	100	0		23.07	22.92	22.76		
20	1	0	64-QAM	23.29	23.09	23.29	13.14	0.0206
20	1	49		23.21	23.06	23.00		
20	1	99		23.23	22.99	22.83		
20	50	0		22.19	22.02	21.89		
20	50	24		22.17	22.02	21.88		
20	50	50		22.13	21.98	21.83		
20	100	0		22.08	21.94	21.81		
20	1	0	256-QAM	20.11	20.20	19.84	10.05	0.0101
20	1	49		19.68	19.87	19.48		
20	1	99		19.52	19.70	19.25		
20	50	0		19.64	19.78	19.40		
20	50	24		19.70	19.80	19.34		
20	50	50		19.61	19.71	19.28		
20	100	0		19.77	19.92	19.46		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.97	24.92	24.78	14.83	0.0304
15	1	37		24.98	24.84	24.54		
15	1	74		24.88	24.77	24.54		
15	36	0		24.15	24.01	23.82		
15	36	20		24.15	23.90	23.71		
15	36	39		23.97	23.90	23.74		
15	75	0		24.09	23.84	23.76		
15	1	0	16-QAM	24.37	24.23	24.17	14.22	0.0264
15	1	37		24.33	24.33	24.06		
15	1	74		24.29	24.33	24.04		
15	36	0		23.10	22.94	22.83		
15	36	20		23.08	22.93	22.78		
15	36	39		23.06	22.94	22.77		
15	75	0		23.02	22.87	22.72		
15	1	0	64-QAM	23.26	23.10	23.31	13.16	0.0207
15	1	37		23.15	23.02	22.96		
15	1	74		23.18	22.94	22.82		
15	36	0		22.13	22.01	21.86		
15	36	20		22.10	22.03	21.91		
15	36	39		22.14	21.97	21.79		
15	75	0		22.02	21.94	21.79		
15	1	0	256-QAM	20.32	20.14	20.10	10.17	0.0104
15	1	37		20.25	19.99	19.94		
15	1	74		20.00	19.70	19.59		
15	36	0		20.24	20.03	19.88		
15	36	20		20.05	19.85	19.81		
15	36	39		19.96	19.75	19.65		
15	75	0		20.09	19.94	19.75		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.90	24.87	24.81	14.81	0.0303
10	1	25		24.96	24.80	24.47		
10	1	49		24.86	24.74	24.53		
10	25	0		24.15	23.99	23.76		
10	25	12		24.15	23.84	23.71		
10	25	25		23.95	23.87	23.75		
10	50	0		24.08	23.78	23.70		
10	1	0	16-QAM	24.37	24.23	24.18	14.22	0.0264
10	1	25		24.35	24.30	24.09		
10	1	49		24.30	24.33	23.99		
10	25	0		23.12	22.91	22.86		
10	25	12		23.01	22.90	22.73		
10	25	25		23.01	22.95	22.70		
10	50	0		23.04	22.82	22.67		
10	1	0	64-QAM	23.20	23.03	23.34	13.19	0.0208
10	1	25		23.12	22.95	22.93		
10	1	49		23.14	22.94	22.78		
10	25	0		22.16	21.94	21.82		
10	25	12		22.04	22.06	21.94		
10	25	25		22.08	21.97	21.76		
10	50	0		22.00	21.91	21.73		
10	1	0	256-QAM	20.02	19.99	20.02	10.12	0.0103
10	1	25		20.27	19.91	19.72		
10	1	49		20.12	19.83	19.72		
10	25	0		20.13	20.01	19.88		
10	25	12		20.05	19.84	19.70		
10	25	25		19.99	19.75	19.54		
10	50	0		20.18	20.09	19.68		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.03	24.98	24.75	14.88	0.0308
5	1	12		25.01	24.91	24.69		
5	1	24		24.98	24.95	24.73		
5	12	0		24.26	24.05	23.80		
5	12	7		24.28	24.04	23.81		
5	12	13		24.26	24.02	23.81		
5	25	0		24.19	23.94	23.74		
5	1	0	16-QAM	24.45	24.28	24.11	14.35	0.0272
5	1	12		24.45	24.18	23.96		
5	1	24		24.50	24.28	24.01		
5	12	0		23.27	23.10	22.87		
5	12	7		23.32	23.13	22.87		
5	12	13		23.32	23.11	22.83		
5	25	0		23.24	23.04	22.79		
5	1	0	64-QAM	23.32	23.25	22.97	13.30	0.0214
5	1	12		23.26	23.13	22.96		
5	1	24		23.45	23.25	23.00		
5	12	0		22.27	22.09	21.87		
5	12	7		22.32	22.15	21.88		
5	12	13		22.33	22.16	21.87		
5	25	0		22.27	22.05	21.77		
5	1	0	256-QAM	20.27	20.17	19.85	10.12	0.0103
5	1	12		20.17	19.70	19.80		
5	1	24		20.26	19.69	19.76		
5	12	0		20.09	20.13	19.81		
5	12	7		20.11	19.86	19.70		
5	12	13		20.09	19.90	19.65		
5	25	0		20.12	19.96	19.66		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.6 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	21.28	21.36	21.60	16.73	0.0471
10+10	1	0	1	49		16.49	16.14	16.22		
10+10	1	49	1	0		23.30	23.47	23.48		
10+10	50	0	50	0	16-QAM	20.29	20.40	20.61	16.01	0.0399
10+10	1	0	1	49		16.82	16.50	16.57		
10+10	1	49	1	0		22.62	22.74	22.76		
10+10	50	0	50	0	64-QAM	20.28	20.38	20.60	13.95	0.0248
10+10	1	0	1	49		16.74	16.49	16.44		
10+10	1	49	1	0		20.43	20.70	20.70		
10+10	50	0	50	0	256-QAM	18.08	18.01	18.17	11.92	0.0156
10+10	1	0	1	49		16.82	16.39	16.31		
10+10	1	49	1	0		17.94	18.51	18.67		
10+5	50	0	25	0	QPSK	21.37	21.62	21.54	16.70	0.0468
10+5	1	0	1	24		14.76	14.25	13.09		
10+5	1	49	1	0		23.33	23.45	22.96		
10+5	50	0	25	0	16-QAM	20.33	20.58	20.53	15.99	0.0397
10+5	1	0	1	24		15.12	14.65	14.94		
10+5	1	49	1	0		22.67	22.74	20.68		
10+5	50	0	25	0	64-QAM	20.32	20.58	20.52	14.04	0.0254
10+5	1	0	1	24		15.02	14.54	14.83		
10+5	1	49	1	0		20.36	20.79	20.21		
10+5	50	0	25	0	256-QAM	18.13	18.30	18.47	12.05	0.0160
10+5	1	0	1	24		15.00	14.50	14.88		
10+5	1	49	1	0		18.09	18.80	18.10		
5+10	25	0	50	0	QPSK	21.12	21.21	21.42	16.70	0.0468
5+10	1	0	1	49		14.45	13.93	14.24		
5+10	1	24	1	0		23.01	23.34	23.45		
5+10	25	0	50	0	16-QAM	20.10	20.15	20.51	16.00	0.0398
5+10	1	0	1	49		13.63	14.31	14.67		
5+10	1	24	1	0		22.35	22.75	22.64		
5+10	25	0	50	0	64-QAM	20.12	20.14	20.49	14.06	0.0255
5+10	1	0	1	49		14.77	13.23	14.57		
5+10	1	24	1	0		19.00	20.53	20.81		
5+10	25	0	50	0	256-QAM	18.01	17.92	18.36	11.98	0.0158
5+10	1	0	1	49		14.65	14.29	14.54		
5+10	1	24	1	0		17.88	18.19	18.73		
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.6 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	23.38	23.26	23.15	16.63	0.0460
5+3	1	0	1	14		20.69	22.44	22.21		
5+3	1	24	1	0		23.24	23.02	22.95		
5+3	25	0	15	0	16-QAM	23.43	23.25	23.14	16.89	0.0489
5+3	1	0	1	14		21.92	23.06	22.89		
5+3	1	24	1	0		23.64	23.43	23.38		
5+3	25	0	15	0	64-QAM	23.41	22.61	23.15	16.84	0.0483
5+3	1	0	1	14		21.35	22.11	22.72		
5+3	1	24	1	0		23.59	23.14	23.21		
5+3	25	0	15	0	256-QAM	22.53	23.08	22.67	16.48	0.0445
5+3	1	0	1	14		21.22	22.19	23.11		
5+3	1	24	1	0		19.05	23.23	22.39		
3+5	15	0	25	0	QPSK	23.26	23.22	22.93	16.51	0.0448
3+5	1	0	1	24		14.69	14.50	14.86		
3+5	1	14	1	0		23.19	23.20	22.75		
3+5	15	0	25	0	16-QAM	23.26	23.24	22.97	16.75	0.0473
3+5	1	0	1	24		15.10	15.17	15.99		
3+5	1	14	1	0		23.47	23.50	22.98		
3+5	15	0	25	0	64-QAM	23.27	23.22	22.85	16.78	0.0476
3+5	1	0	1	24		14.98	14.83	15.15		
3+5	1	14	1	0		23.41	23.53	22.99		
3+5	15	0	25	0	256-QAM	22.56	22.68	22.60	15.93	0.0392
3+5	1	0	1	24		14.89	14.77	15.01		
3+5	1	14	1	0		22.53	22.64	22.42		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_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						
10+10	50	0	50	0	QPSK	21.19	21.17	21.26	21.21	0.1321
10+10	1	0	1	49		14.86	14.95	15.05		
10+10	1	49	1	0		23.31	23.10	23.21		
10+10	50	0	50	0	16-QAM	20.20	20.19	20.27	20.50	0.1122
10+10	1	0	1	49		15.40	15.30	15.70		
10+10	1	49	1	0		22.58	22.55	22.60		
10+10	50	0	50	0	64-QAM	20.22	20.13	20.22	18.62	0.0728
10+10	1	0	1	49		15.26	15.12	15.60		
10+10	1	49	1	0		20.72	20.43	20.44		
10+10	50	0	50	0	256-QAM	18.13	18.11	18.26	16.40	0.0437
10+10	1	0	1	49		15.02	15.02	15.39		
10+10	1	49	1	0		18.50	18.49	18.22		
15+5	75	0	25	0	QPSK	21.15	21.06	21.22	21.11	0.1291
15+5	1	0	1	24		15.19	15.00	15.39		
15+5	1	74	1	0		23.21	23.06	23.04		
15+5	75	0	25	0	16-QAM	20.16	19.99	20.28	20.56	0.1138
15+5	1	0	1	24		15.61	15.45	15.69		
15+5	1	74	1	0		22.66	22.48	22.47		
15+5	75	0	25	0	64-QAM	20.24	20.07	20.24	18.56	0.0718
15+5	1	0	1	24		15.45	15.09	15.86		
15+5	1	74	1	0		20.66	20.31	20.37		
15+5	75	0	25	0	256-QAM	18.22	18.11	18.30	16.41	0.0438
15+5	1	0	1	24		15.42	15.34	15.73		
15+5	1	74	1	0		18.51	18.30	18.37		
5+15	25	0	75	0	QPSK	21.09	20.96	21.19	21.01	0.1262
5+15	1	0	1	74		14.85	14.91	15.28		
5+15	1	24	1	0		23.11	22.97	22.98		
5+15	25	0	75	0	16-QAM	20.12	20.00	20.21	20.52	0.1127
5+15	1	0	1	74		15.40	15.29	15.57		
5+15	1	24	1	0		22.62	22.38	22.29		
5+15	25	0	75	0	64-QAM	20.18	20.09	20.14	18.48	0.0705
5+15	1	0	1	74		15.16	15.08	15.32		
5+15	1	24	1	0		20.58	20.35	20.20		
5+15	25	0	75	0	256-QAM	18.21	18.10	18.28	16.50	0.0447
5+15	1	0	1	74		15.17	15.18	15.51		
5+15	1	24	1	0		18.60	18.52	18.23		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_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						
10+5	50	0	25	0	QPSK	21.11	21.08	21.17	21.03	0.1268
10+5	1	0	1	24		13.12	12.90	13.15		
10+5	1	49	1	0		23.13	23.10	23.08		
10+5	50	0	25	0	16-QAM	20.20	20.16	20.27	20.51	0.1125
10+5	1	0	1	24		13.43	13.40	13.70		
10+5	1	49	1	0		22.61	22.51	22.47		
10+5	50	0	25	0	64-QAM	20.21	20.12	20.19	18.49	0.0706
10+5	1	0	1	24		13.43	13.27	13.70		
10+5	1	49	1	0		20.59	20.28	20.42		
10+5	50	0	25	0	256-QAM	18.18	18.11	18.23	16.49	0.0446
10+5	1	0	1	24		13.23	13.35	13.56		
10+5	1	49	1	0		18.59	18.42	18.27		
5+10	25	0	50	0	QPSK	21.16	21.04	21.24	21.14	0.1300
5+10	1	0	1	49		12.93	12.87	13.06		
5+10	1	24	1	0		23.24	23.20	23.02		
5+10	25	0	50	0	16-QAM	20.17	20.03	20.21	20.67	0.1167
5+10	1	0	1	49		13.52	13.37	13.36		
5+10	1	24	1	0		22.77	22.63	22.35		
5+10	25	0	50	0	64-QAM	20.15	20.15	20.24	18.28	0.0673
5+10	1	0	1	49		13.30	13.38	13.35		
5+10	1	24	1	0		20.34	20.38	20.27		
5+10	25	0	50	0	256-QAM	18.13	18.08	18.25	16.32	0.0429
5+10	1	0	1	49		13.21	12.88	13.63		
5+10	1	24	1	0		18.42	18.33	18.22		
5+5	25	0	25	0	QPSK	21.23	21.20	21.12	21.08	0.1282
5+5	1	0	1	24		13.47	13.46	13.45		
5+5	1	24	1	0		23.18	23.02	22.94		
5+5	25	0	25	0	16-QAM	20.19	20.18	20.22	20.37	0.1089
5+5	1	0	1	24		7.20	13.57	13.65		
5+5	1	24	1	0		22.47	22.44	22.19		
5+5	25	0	25	0	64-QAM	20.23	20.16	20.18	18.32	0.0679
5+5	1	0	1	24		13.68	13.73	13.92		
5+5	1	24	1	0		20.42	20.39	20.26		
5+5	25	0	25	0	256-QAM	18.24	18.05	18.24	16.47	0.0444
5+5	1	0	1	24		13.73	13.40	13.69		
5+5	1	24	1	0		18.57	18.26	18.20		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_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	20.97	20.95	21.05	20.91	0.1233
20+20	1	0	1	99		14.46	14.84	14.88		
20+20	1	99	1	0		23.01	22.92	22.92		
20+20	100	0	100	0	16-QAM	20.01	19.95	20.12	20.47	0.1114
20+20	1	0	1	99		14.97	15.34	15.55		
20+20	1	99	1	0		22.57	22.29	22.30		
20+20	100	0	100	0	64-QAM	20.04	19.98	20.11	18.34	0.0682
20+20	1	0	1	99		14.91	15.27	15.15		
20+20	1	99	1	0		20.44	20.15	20.34		
20+20	100	0	100	0	256-QAM	18.06	18.09	18.12	16.31	0.0428
20+20	1	0	1	99		14.89	15.20	15.35		
20+20	1	99	1	0		18.41	18.38	18.11		
20+15	100	0	75	0	QPSK	21.14	21.04	21.27	21.17	0.1309
20+15	1	0	1	74		14.86	15.17	15.05		
20+15	1	74	1	0		23.27	23.20	23.06		
20+15	100	0	75	0	16-QAM	20.19	20.14	20.28	20.62	0.1153
20+15	1	0	1	74		15.43	15.56	15.78		
20+15	1	74	1	0		22.72	22.47	22.51		
20+15	100	0	75	0	64-QAM	20.10	20.14	20.35	18.42	0.0695
20+15	1	0	1	74		15.23	15.51	15.63		
20+15	1	74	1	0		20.52	20.52	20.32		
20+15	100	0	75	0	256-QAM	18.22	18.19	18.16	16.55	0.0452
20+15	1	0	1	74		15.21	15.27	15.78		
20+15	1	74	1	0		18.48	18.60	18.65		
15+20	75	0	100	0	QPSK	21.18	21.02	21.13	21.19	0.1315
15+20	1	0	1	99		14.78	14.84	15.17		
15+20	1	74	1	0		23.29	23.22	23.10		
15+20	75	0	100	0	16-QAM	20.10	20.00	20.12	20.54	0.1132
15+20	1	0	1	99		14.95	15.29	15.64		
15+20	1	74	1	0		22.64	22.49	22.53		
15+20	75	0	100	0	64-QAM	20.11	20.12	20.25	18.51	0.0710
15+20	1	0	1	99		15.23	15.14	15.40		
15+20	1	74	1	0		20.61	20.39	20.28		
15+20	75	0	100	0	256-QAM	18.05	18.12	18.20	16.55	0.0452
15+20	1	0	1	99		15.04	15.25	15.35		
15+20	1	74	1	0		18.65	18.43	18.40		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_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	50	0	QPSK	21.10	21.07	21.26	21.16	0.1306
20+10	1	0	1	49		15.10	15.02	15.51		
20+10	1	99	1	0		23.26	23.14	23.02		
20+10	100	0	50	0	16-QAM	20.26	20.06	20.30	20.61	0.1151
20+10	1	0	1	49		15.29	15.44	15.85		
20+10	1	99	1	0		22.71	22.46	22.62		
20+10	100	0	50	0	64-QAM	20.17	20.17	20.35	18.57	0.0719
20+10	1	0	1	49		15.34	15.66	15.62		
20+10	1	99	1	0		20.67	20.39	20.35		
20+10	100	0	50	0	256-QAM	18.25	18.22	18.39	16.48	0.0445
20+10	1	0	1	49		15.30	15.32	15.72		
20+10	1	99	1	0		18.58	18.43	18.47		
10+20	50	0	100	0	QPSK	21.04	20.96	21.17	21.12	0.1294
10+20	1	0	1	99		14.78	14.74	14.97		
10+20	1	49	1	0		23.22	23.14	23.08		
10+20	50	0	100	0	16-QAM	20.04	19.98	20.17	20.58	0.1143
10+20	1	0	1	99		15.22	15.13	15.33		
10+20	1	49	1	0		22.68	22.46	22.44		
10+20	50	0	100	0	64-QAM	20.05	20.07	20.18	18.35	0.0684
10+20	1	0	1	99		15.10	15.24	15.33		
10+20	1	49	1	0		20.45	20.33	20.26		
10+20	50	0	100	0	256-QAM	18.15	18.05	18.13	16.50	0.0447
10+20	1	0	1	99		15.05	15.18	15.46		
10+20	1	49	1	0		18.51	18.41	18.60		
20+5	100	0	25	0	QPSK	21.27	21.15	21.38	21.17	0.1309
20+5	1	0	1	24		15.09	14.96	15.34		
20+5	1	99	1	0		23.27	23.19	23.14		
20+5	100	0	25	0	16-QAM	20.27	20.24	20.28	20.50	0.1122
20+5	1	0	1	24		15.52	15.53	15.69		
20+5	1	99	1	0		22.60	22.52	22.43		
20+5	100	0	25	0	64-QAM	20.25	20.15	20.27	18.52	0.0711
20+5	1	0	1	24		15.36	15.39	15.78		
20+5	1	99	1	0		20.62	20.29	20.27		
20+5	100	0	25	0	256-QAM	18.27	18.22	18.39	16.45	0.0442
20+5	1	0	1	24		15.62	15.49	15.88		
20+5	1	99	1	0		18.55	18.33	18.38		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_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						
5+20	25	0	100	0	QPSK	21.03	20.82	20.94	20.82	0.1208
5+20	1	0	1	99		14.68	14.53	14.76		
5+20	1	24	1	0		22.92	22.90	22.91		
5+20	25	0	100	0	16-QAM	19.95	19.95	20.08	20.16	0.1038
5+20	1	0	1	99		14.87	15.00	15.07		
5+20	1	24	1	0		22.20	22.26	22.14		
5+20	25	0	100	0	64-QAM	19.95	19.85	20.00	18.11	0.0647
5+20	1	0	1	99		14.95	15.21	15.30		
5+20	1	24	1	0		20.13	20.14	20.21		
5+20	25	0	100	0	256-QAM	18.06	17.98	18.17	16.38	0.0435
5+20	1	0	1	99		15.02	14.85	15.10		
5+20	1	24	1	0		18.48	18.22	18.29		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_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	50	0	QPSK	21.05	21.04	21.32	21.20	0.1318
15+10	1	0	1	49		15.00	15.03	15.14		
15+10	1	74	1	0		23.30	23.09	23.09		
15+10	75	0	50	0	16-QAM	20.18	20.05	20.30	20.46	0.1112
15+10	1	0	1	49		15.40	15.17	15.60		
15+10	1	74	1	0		22.56	22.54	22.42		
15+10	75	0	50	0	64-QAM	20.13	20.04	20.24	18.66	0.0735
15+10	1	0	1	49		15.03	15.08	15.57		
15+10	1	74	1	0		20.76	20.55	20.29		
15+10	75	0	50	0	256-QAM	18.25	18.09	18.20	16.35	0.0432
15+10	1	0	1	49		15.24	15.30	15.53		
15+10	1	74	1	0		18.45	18.32	18.33		
10+15	50	0	75	0	QPSK	21.12	21.00	21.23	21.13	0.1297
10+15	1	0	1	74		14.82	14.81	15.17		
10+15	1	49	1	0		23.23	23.23	23.08		
10+15	50	0	75	0	16-QAM	20.13	20.06	20.19	20.68	0.1169
10+15	1	0	1	74		15.37	15.49	15.68		
10+15	1	49	1	0		22.78	22.62	22.44		
10+15	50	0	75	0	64-QAM	20.13	20.07	20.21	18.56	0.0718
10+15	1	0	1	74		15.20	15.23	15.53		
10+15	1	49	1	0		20.66	20.38	20.26		
10+15	50	0	75	0	256-QAM	18.13	18.16	18.19	16.45	0.0442
10+15	1	0	1	74		15.20	15.02	15.18		
10+15	1	49	1	0		18.50	18.55	18.29		
15+15	75	0	75	0	QPSK	21.11	21.12	21.26	21.13	0.1297
15+15	1	0	1	74		14.88	15.03	15.26		
15+15	1	74	1	0		23.23	23.14	23.11		
15+15	75	0	75	0	16-QAM	20.15	20.12	20.31	20.56	0.1138
15+15	1	0	1	74		15.30	15.33	15.60		
15+15	1	74	1	0		22.66	22.51	22.58		
15+15	75	0	75	0	64-QAM	20.20	20.10	20.21	18.52	0.0711
15+15	1	0	1	74		15.10	15.32	15.56		
15+15	1	74	1	0		20.56	20.62	20.50		
15+15	75	0	75	0	256-QAM	18.21	18.17	18.27	16.55	0.0452
15+15	1	0	1	74		15.26	15.37	15.50		
15+15	1	74	1	0		18.65	18.57	18.45		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	20.98	20.88	21.18	23.60	0.2291
20+20	1	0	1	99		14.63	14.70	14.96		
20+20	1	99	1	0		22.89	22.79	22.90		
20+20	100	0	100	0	16-QAM	19.92	19.99	20.17	23.02	0.2004
20+20	1	0	1	99		14.90	14.98	15.36		
20+20	1	99	1	0		22.32	22.19	22.11		
20+20	100	0	100	0	64-QAM	20.07	19.95	20.21	21.09	0.1285
20+20	1	0	1	99		14.84	15.01	15.40		
20+20	1	99	1	0		20.39	20.38	20.34		
20+20	100	0	100	0	256-QAM	18.11	18.13	18.26	19.08	0.0809
20+20	1	0	1	99		14.92	14.79	15.47		
20+20	1	99	1	0		18.38	18.31	18.32		
20+15	100	0	75	0	QPSK	21.11	20.85	21.12	23.60	0.2291
20+15	1	0	1	74		15.32	14.61	14.98		
20+15	1	99	1	0		22.87	22.90	22.71		
20+15	100	0	75	0	16-QAM	20.15	20.04	20.22	22.97	0.1982
20+15	1	0	1	74		15.01	15.01	15.32		
20+15	1	99	1	0		22.23	22.27	22.06		
20+15	100	0	75	0	64-QAM	20.06	20.07	20.21	21.25	0.1334
20+15	1	0	1	74		14.89	15.20	15.10		
20+15	1	99	1	0		20.48	20.55	20.35		
20+15	100	0	75	0	256-QAM	18.09	18.18	18.25	19.16	0.0824
20+15	1	0	1	74		14.74	14.81	15.27		
20+15	1	99	1	0		18.46	18.42	18.21		
15+20	75	0	100	0	QPSK	20.98	21.02	21.14	23.61	0.2296
15+20	1	0	1	99		14.35	14.47	14.72		
15+20	1	74	1	0		22.88	22.89	22.91		
15+20	75	0	100	0	16-QAM	20.08	19.96	20.13	23.12	0.2051
15+20	1	0	1	99		14.68	15.00	15.13		
15+20	1	74	1	0		22.35	22.23	22.42		
15+20	75	0	100	0	64-QAM	20.10	19.97	20.18	21.34	0.1361
15+20	1	0	1	99		15.02	14.84	15.39		
15+20	1	74	1	0		20.64	20.44	20.41		
15+20	75	0	100	0	256-QAM	18.15	17.99	18.11	19.26	0.0843
15+20	1	0	1	99		14.78	14.72	15.25		
15+20	1	74	1	0		18.56	18.43	18.21		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	21.13	20.91	21.09	23.65	0.2317
20+10	1	0	1	74		14.56	14.60	14.96		
20+10	1	99	1	0		22.95	22.82	22.83		
20+10	100	0	75	0	16-QAM	20.11	19.96	20.18	22.92	0.1959
20+10	1	0	1	74		14.94	15.29	15.36		
20+10	1	99	1	0		22.22	22.17	22.08		
20+10	100	0	75	0	64-QAM	20.13	20.01	20.24	21.11	0.1291
20+10	1	0	1	74		14.91	15.08	15.45		
20+10	1	99	1	0		20.41	19.51	20.37		
20+10	100	0	75	0	256-QAM	18.27	18.21	18.24	19.25	0.0841
20+10	1	0	1	74		14.84	14.98	15.16		
20+10	1	99	1	0		18.47	18.55	18.29		
10+20	75	0	100	0	QPSK	21.02	20.95	21.08	23.63	0.2307
10+20	1	0	1	99		14.28	14.36	14.69		
10+20	1	74	1	0		22.93	22.81	22.77		
10+20	75	0	100	0	16-QAM	20.03	19.99	20.13	22.96	0.1977
10+20	1	0	1	99		14.59	14.82	14.97		
10+20	1	74	1	0		22.26	22.17	22.05		
10+20	75	0	100	0	64-QAM	20.06	19.97	20.13	21.11	0.1291
10+20	1	0	1	99		14.85	14.76	15.03		
10+20	1	74	1	0		20.36	20.41	20.35		
10+20	75	0	100	0	256-QAM	18.04	17.99	18.18	19.07	0.0807
10+20	1	0	1	99		14.55	14.85	15.15		
10+20	1	74	1	0		18.29	18.37	18.26		
15+15	75	0	100	0	QPSK	21.08	20.88	21.03	23.52	0.2249
15+15	1	0	1	99		14.63	14.67	14.95		
15+15	1	74	1	0		22.82	22.75	22.70		
15+15	75	0	100	0	16-QAM	20.04	19.97	20.11	22.98	0.1986
15+15	1	0	1	99		15.14	15.00	15.19		
15+15	1	74	1	0		22.28	22.15	22.25		
15+15	75	0	100	0	64-QAM	20.18	19.95	20.07	21.21	0.1321
15+15	1	0	1	99		15.06	15.01	15.48		
15+15	1	74	1	0		20.51	20.04	20.36		
15+15	75	0	100	0	256-QAM	18.12	18.04	18.15	19.15	0.0822
15+15	1	0	1	99		14.93	15.08	15.09		
15+15	1	74	1	0		18.45	18.42	18.13		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	21.11	20.99	21.10	23.71	0.2350
15+10	1	0	1	99		14.64	14.49	14.88		
15+10	1	74	1	0		23.01	22.94	22.88		
15+10	75	0	100	0	16-QAM	20.17	20.04	20.16	23.00	0.1995
15+10	1	0	1	99		15.15	14.84	15.25		
15+10	1	74	1	0		22.25	22.29	22.30		
15+10	75	0	100	0	64-QAM	20.16	19.99	20.13	21.30	0.1349
15+10	1	0	1	99		15.03	14.90	15.29		
15+10	1	74	1	0		20.44	20.60	20.38		
15+10	75	0	100	0	256-QAM	18.19	18.17	18.15	19.29	0.0849
15+10	1	0	1	99		14.82	14.93	15.15		
15+10	1	74	1	0		18.35	18.59	18.29		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	20.01	19.94	19.68	22.66	0.1845
20+20	1	0	1	99		14.03	14.01	13.69		
20+20	1	99	1	0		21.96	21.85	21.62		
20+20	100	0	100	0	16-QAM	19.14	18.98	18.73	22.31	0.1702
20+20	1	0	1	99		14.46	14.56	14.00		
20+20	1	99	1	0		21.61	21.42	20.95		
20+20	100	0	100	0	64-QAM	19.03	18.98	18.75	20.10	0.1023
20+20	1	0	1	99		14.35	14.32	14.17		
20+20	1	99	1	0		19.40	19.35	19.35		
20+20	100	0	100	0	256-QAM	17.07	16.98	16.74	18.10	0.0646
20+20	1	0	1	99		14.50	14.17	13.71		
20+20	1	99	1	0		17.40	17.04	17.12		
20+15	100	0	75	0	QPSK	19.97	19.93	19.69	22.64	0.1837
20+15	1	0	1	74		14.02	13.95	13.65		
20+15	1	99	1	0		21.94	21.76	21.56		
20+15	100	0	75	0	16-QAM	19.02	18.96	18.71	22.03	0.1596
20+15	1	0	1	74		15.27	14.53	13.98		
20+15	1	99	1	0		21.24	21.33	20.91		
20+15	100	0	75	0	64-QAM	19.00	18.94	18.70	20.35	0.1084
20+15	1	0	1	74		14.43	14.50	14.45		
20+15	1	99	1	0		19.65	19.32	19.03		
20+15	100	0	75	0	256-QAM	17.00	16.95	16.68	18.00	0.0631
20+15	1	0	1	74		14.42	14.48	14.08		
20+15	1	99	1	0		17.30	17.28	16.53		
15+20	75	0	100	0	QPSK	20.02	19.93	19.68	22.61	0.1824
15+20	1	0	1	99		13.95	13.90	13.59		
15+20	1	74	1	0		21.91	21.78	21.58		
15+20	75	0	100	0	16-QAM	19.01	18.93	18.69	21.93	0.1560
15+20	1	0	1	99		14.26	14.23	13.94		
15+20	1	74	1	0		21.23	21.11	21.15		
15+20	75	0	100	0	64-QAM	19.05	18.95	18.70	20.38	0.1091
15+20	1	0	1	99		14.56	14.25	14.08		
15+20	1	74	1	0		19.68	19.59	19.33		
15+20	75	0	100	0	256-QAM	17.04	16.94	16.68	18.00	0.0631
15+20	1	0	1	99		14.31	14.17	13.86		
15+20	1	74	1	0		17.30	17.20	16.94		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	19.97	19.88	19.73	22.57	0.1807
20+10	1	0	1	49		13.94	13.92	13.66		
20+10	1	99	1	0		21.87	21.72	21.56		
20+10	100	0	50	0	16-QAM	19.02	18.92	18.74	22.16	0.1644
20+10	1	0	1	49		14.42	14.48	14.06		
20+10	1	99	1	0		21.46	21.11	20.95		
20+10	100	0	50	0	64-QAM	18.99	18.90	18.72	20.18	0.1042
20+10	1	0	1	49		14.28	14.57	14.09		
20+10	1	99	1	0		19.48	19.38	18.94		
20+10	100	0	50	0	256-QAM	17.04	16.93	16.72	18.05	0.0638
20+10	1	0	1	49		14.08	14.56	13.80		
20+10	1	99	1	0		17.30	17.35	17.18		
10+20	50	0	100	0	QPSK	20.09	19.99	19.60	22.62	0.1828
10+20	1	0	1	99		13.97	13.91	13.52		
10+20	1	49	1	0		21.92	21.82	21.50		
10+20	50	0	100	0	16-QAM	19.05	18.98	18.59	22.00	0.1585
10+20	1	0	1	99		14.45	14.25	13.91		
10+20	1	49	1	0		21.30	21.16	20.86		
10+20	50	0	100	0	64-QAM	19.11	19.01	18.63	20.60	0.1148
10+20	1	0	1	99		14.27	14.43	13.78		
10+20	1	49	1	0		19.90	19.61	18.92		
10+20	50	0	100	0	256-QAM	17.11	17.03	16.65	18.10	0.0646
10+20	1	0	1	99		14.54	14.32	13.80		
10+20	1	49	1	0		17.40	17.20	16.62		
20+5	100	0	25	0	QPSK	19.97	19.90	19.71	22.56	0.1803
20+5	1	0	1	24		13.98	13.97	13.68		
20+5	1	99	1	0		21.86	21.71	21.59		
20+5	100	0	25	0	16-QAM	19.02	18.97	18.72	22.11	0.1626
20+5	1	0	1	24		14.35	14.38	14.06		
20+5	1	99	1	0		21.41	21.26	20.91		
20+5	100	0	25	0	64-QAM	19.01	18.92	18.70	20.26	0.1062
20+5	1	0	1	24		14.45	14.53	14.20		
20+5	1	99	1	0		19.39	19.56	19.03		
20+5	100	0	25	0	256-QAM	16.98	16.93	16.71	17.96	0.0625
20+5	1	0	1	24		14.38	14.42	14.10		
20+5	1	99	1	0		17.26	17.17	16.86		
Limit	EIRP < 2W					Result			Pass	

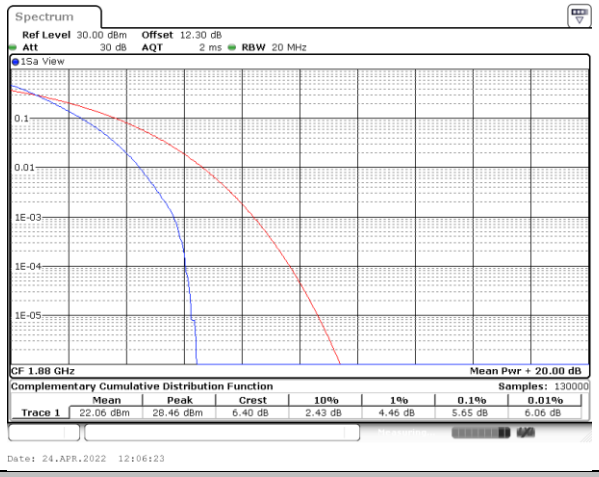
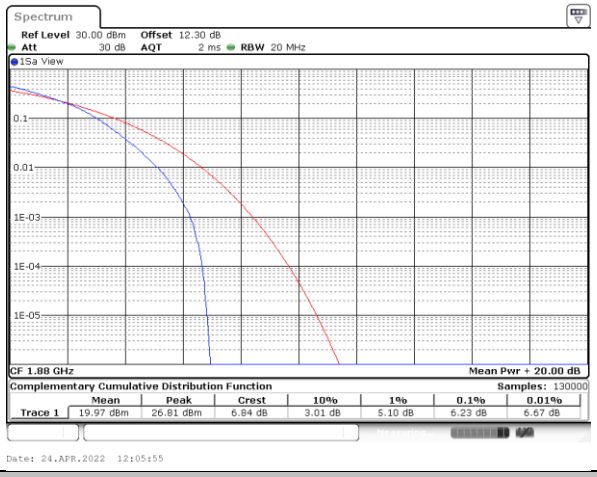
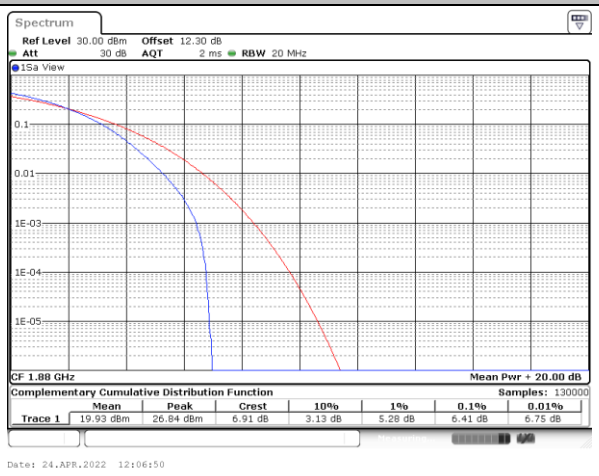
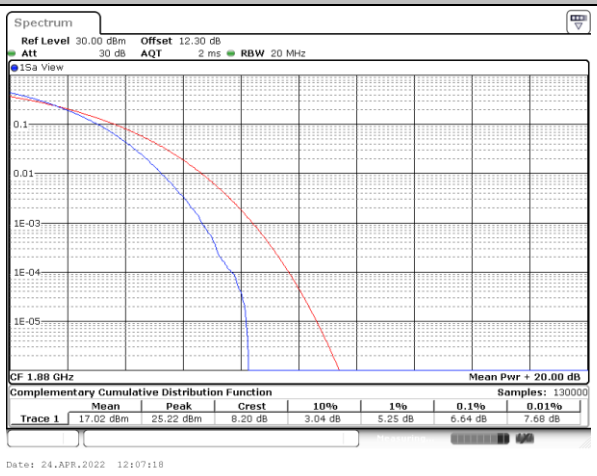
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.09	20.02	19.68	22.56	0.1803
5+20	1	0	1	99		13.92	13.89	13.56		
5+20	1	24	1	0		21.86	21.81	21.52		
5+20	25	0	100	0	16-QAM	19.09	19.01	18.68	22.09	0.1618
5+20	1	0	1	99		14.34	14.26	13.96		
5+20	1	24	1	0		21.39	21.19	20.89		
5+20	25	0	100	0	64-QAM	19.08	19.03	18.67	20.22	0.1052
5+20	1	0	1	99		14.21	14.24	14.08		
5+20	1	24	1	0		19.52	19.17	19.00		
5+20	25	0	100	0	256-QAM	17.10	17.05	16.71	18.19	0.0659
5+20	1	0	1	99		14.44	14.46	13.95		
5+20	1	24	1	0		17.49	17.41	16.89		
15+10	75	0	50	0	QPSK	20.07	19.89	19.75	22.64	0.1837
15+10	1	0	1	49		13.97	13.90	13.66		
15+10	1	74	1	0		21.94	21.80	21.63		
15+10	75	0	50	0	16-QAM	19.05	18.83	18.76	22.04	0.1600
15+10	1	0	1	49		14.31	14.26	14.09		
15+10	1	74	1	0		21.34	21.18	21.08		
15+10	75	0	50	0	64-QAM	19.07	18.93	18.77	20.04	0.1009
15+10	1	0	1	49		14.46	14.30	14.23		
15+10	1	74	1	0		19.34	19.18	19.15		
15+10	75	0	50	0	256-QAM	17.06	16.95	16.77	18.12	0.0649
15+10	1	0	1	49		14.55	14.34	13.78		
15+10	1	74	1	0		17.05	17.42	17.25		
10+15	50	0	75	0	QPSK	20.02	19.89	19.71	22.59	0.1816
10+15	1	0	1	74		13.91	13.87	13.56		
10+15	1	49	1	0		21.89	16.68	21.56		
10+15	50	0	75	0	16-QAM	19.01	18.89	18.67	22.21	0.1663
10+15	1	0	1	74		14.43	14.23	13.98		
10+15	1	49	1	0		21.51	21.34	19.48		
10+15	50	0	75	0	64-QAM	19.03	18.93	18.70	20.09	0.1021
10+15	1	0	1	74		14.36	14.35	14.15		
10+15	1	49	1	0		19.39	19.26	19.18		
10+15	50	0	75	0	256-QAM	17.04	16.96	16.73	17.99	0.0630
10+15	1	0	1	74		14.31	14.26	14.00		
10+15	1	49	1	0		17.29	17.15	16.93		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	19.99	19.92	19.69	22.66	0.1845
15+15	1	0	1	74		13.95	13.94	13.64		
15+15	1	74	1	0		21.96	21.81	21.58		
15+15	75	0	75	0	16-QAM	19.02	18.96	18.71	22.21	0.1663
15+15	1	0	1	74		14.52	14.23	13.93		
15+15	1	74	1	0		21.51	21.15	20.96		
15+15	75	0	75	0	64-QAM	19.08	19.08	18.75	20.23	0.1054
15+15	1	0	1	74		14.32	14.52	14.21		
15+15	1	74	1	0		19.53	19.12	19.16		
15+15	75	0	75	0	256-QAM	15.28	16.98	16.73	18.17	0.0656
15+15	1	0	1	74		14.37	14.57	14.32		
15+15	1	74	1	0		17.47	17.21	16.96		
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	5.65	6.23	6.41	6.64	PASS

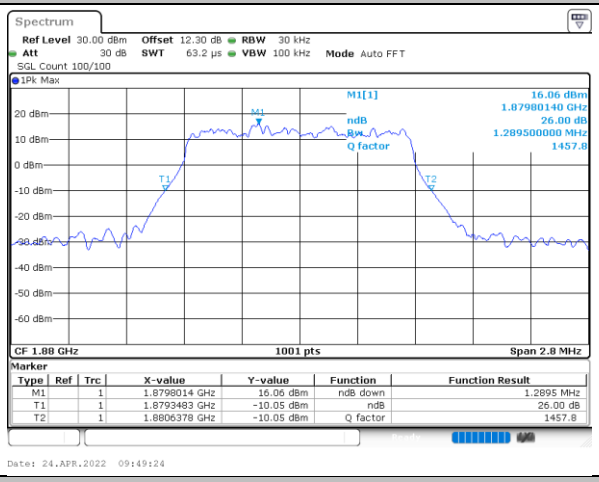
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	LTE Band 2 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

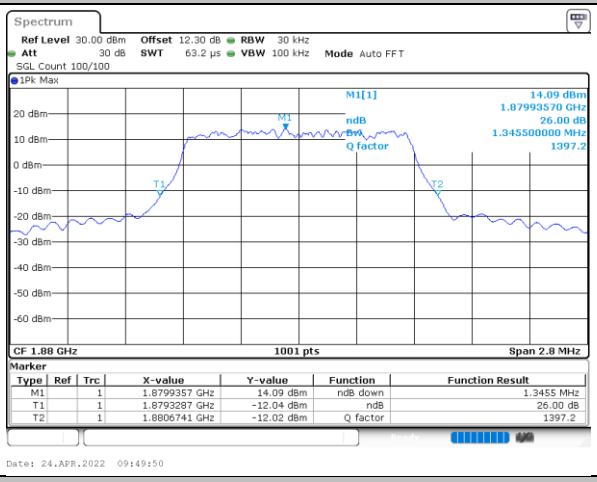
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.29	1.35	3.07	3.15	5.01	5.00	10.19	10.49	14.45	14.12	19.18	18.66
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.29	1.33	3.18	3.05	5.25	5.17	9.93	10.15	14.69	14.72	19.30	19.34

LTE Band 2

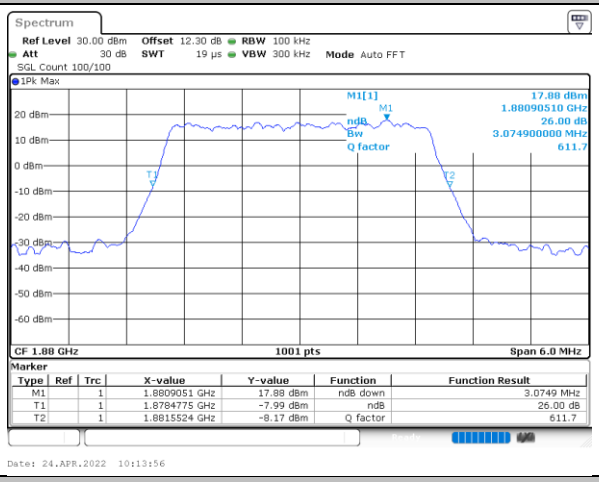
Middle Channel / 1.4MHz / QPSK



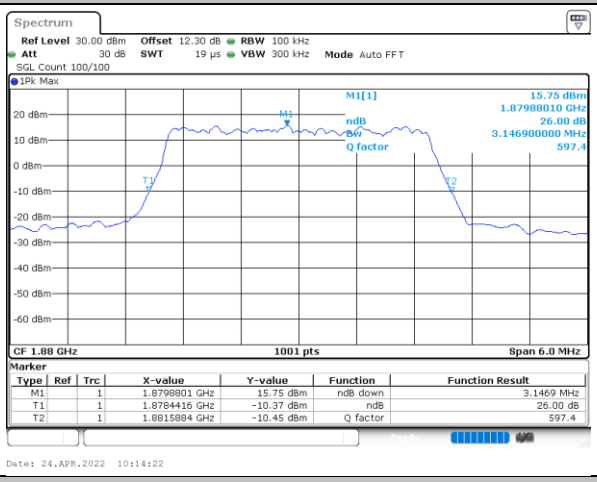
Middle Channel / 1.4MHz / 16QAM



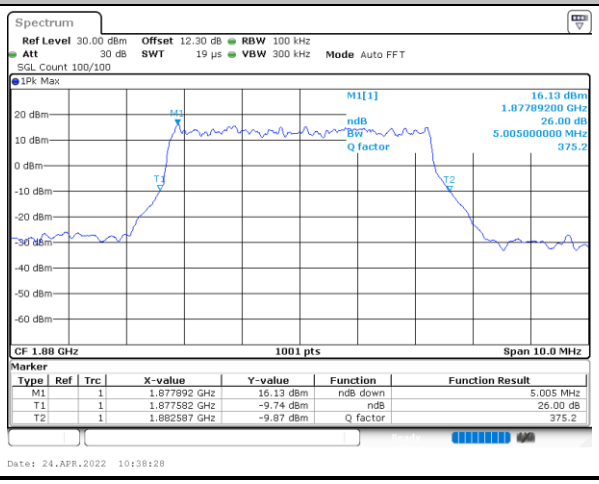
Middle Channel / 3MHz / QPSK



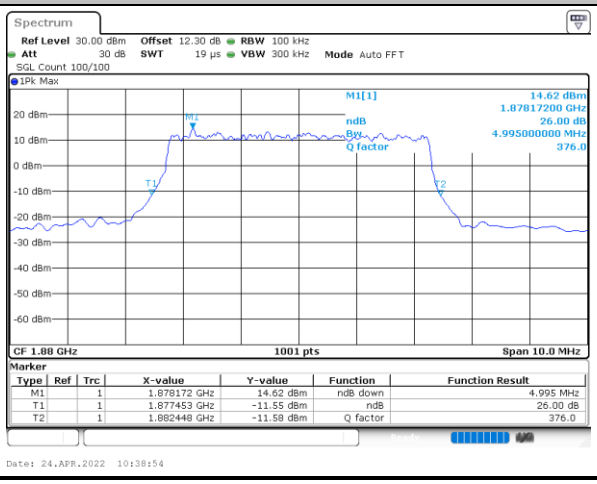
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

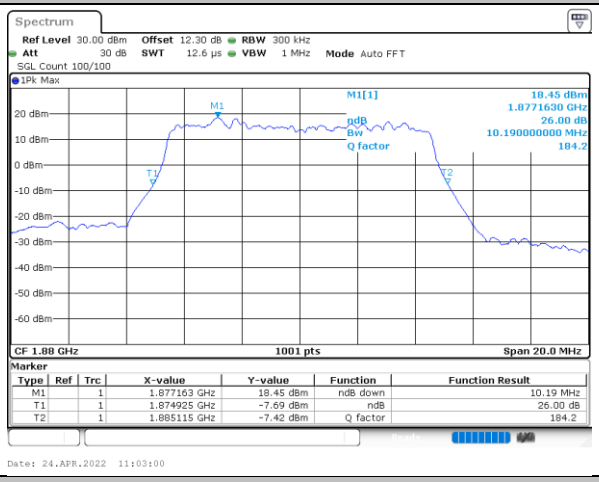


Middle Channel / 5MHz / 16QAM

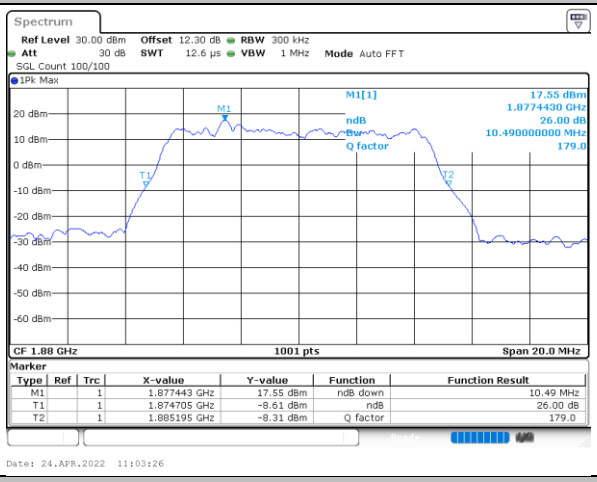


LTE Band 2

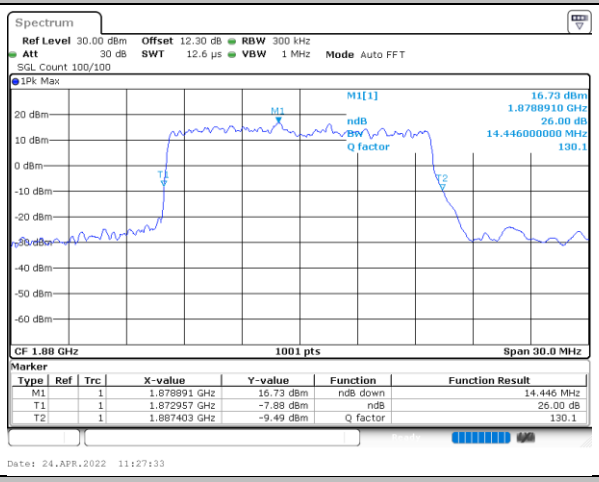
Middle Channel / 10MHz / QPSK



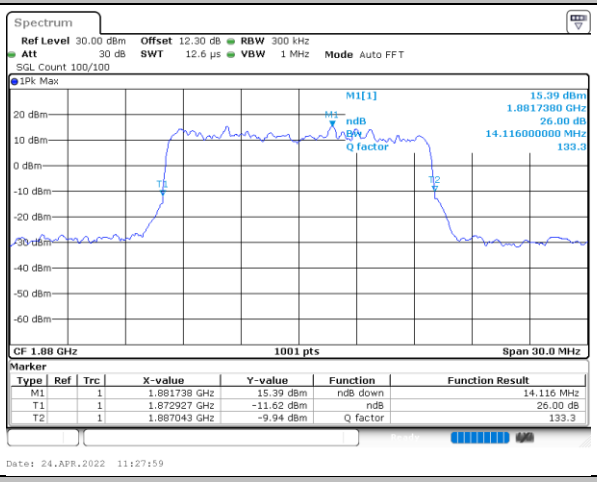
Middle Channel / 10MHz / 16QAM



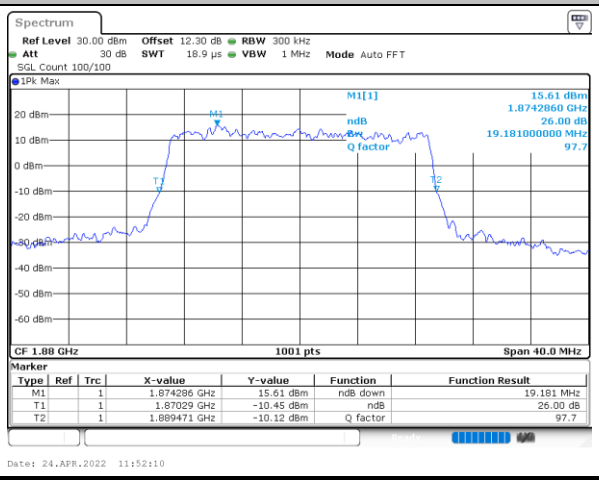
Middle Channel / 15MHz / QPSK



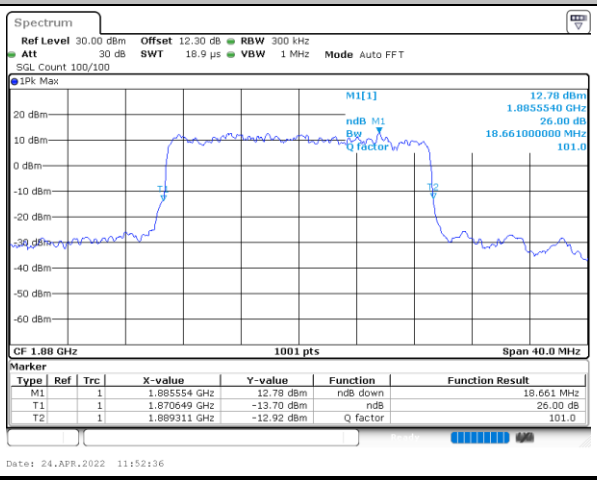
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

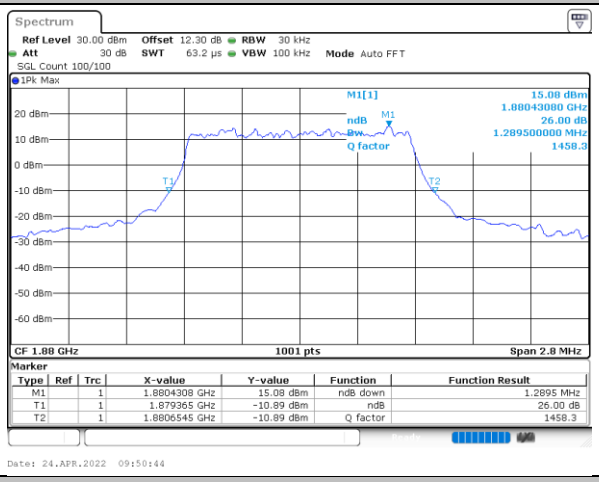


Middle Channel / 20MHz / 16QAM

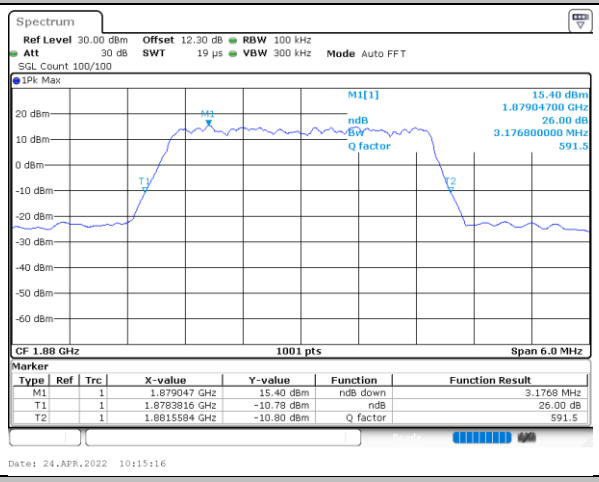


LTE Band 2

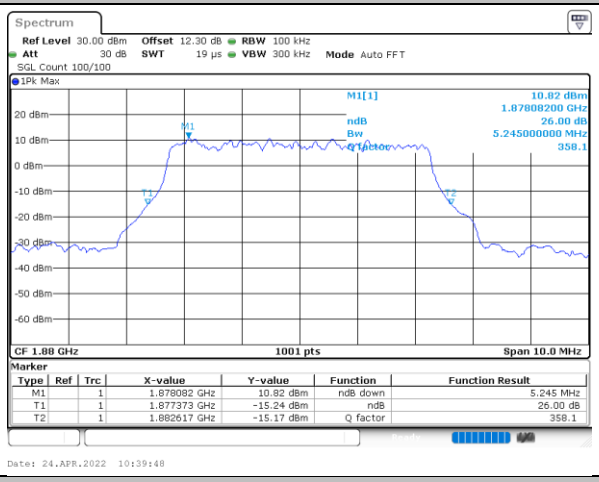
Middle Channel / 1.4MHz / 64QAM



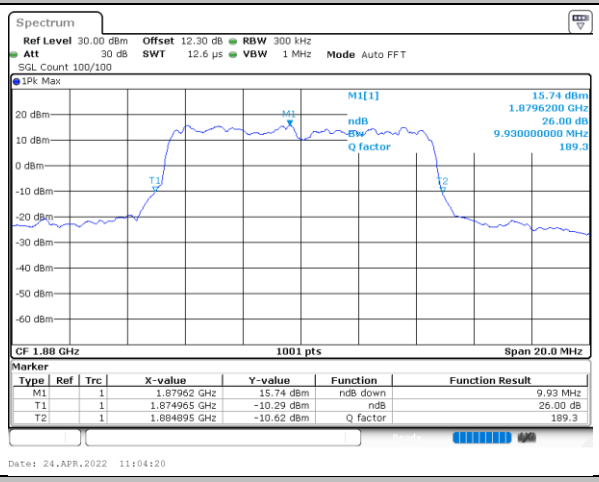
Middle Channel / 3MHz / 64QAM



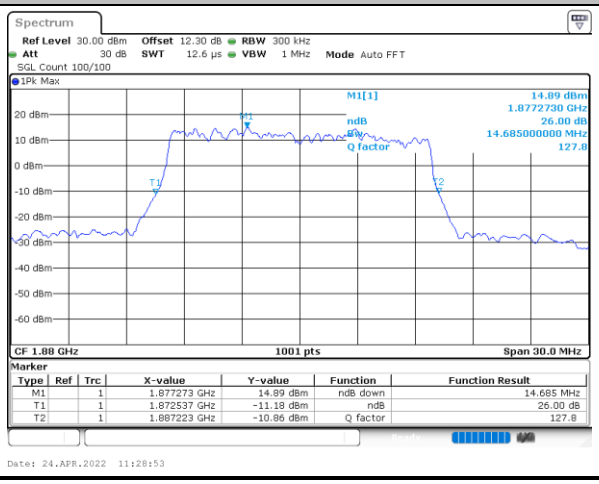
Middle Channel / 5MHz / 64QAM



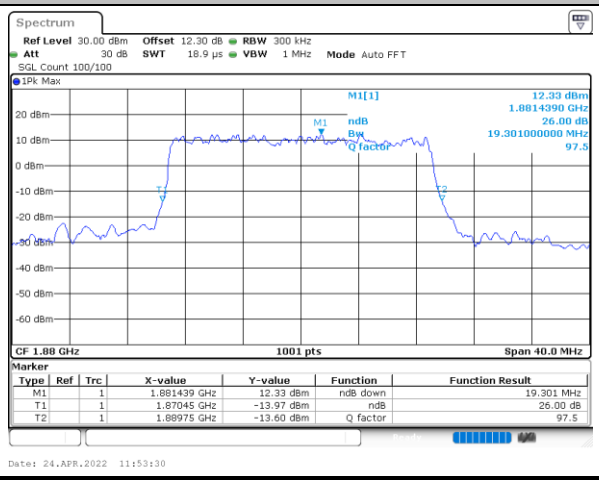
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

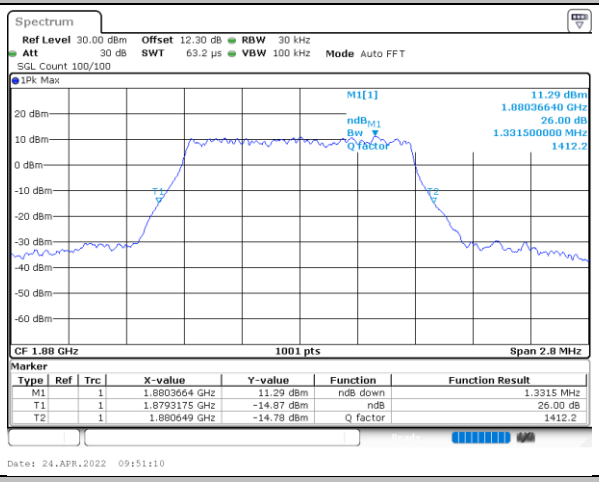


Middle Channel / 20MHz / 64QAM

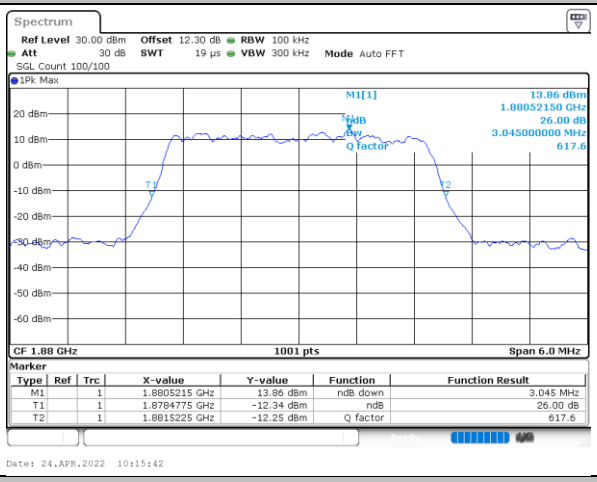


LTE Band 2

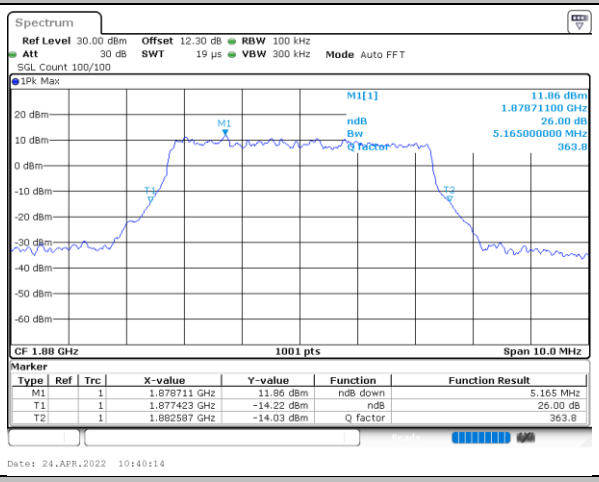
Middle Channel / 1.4MHz / 256QAM



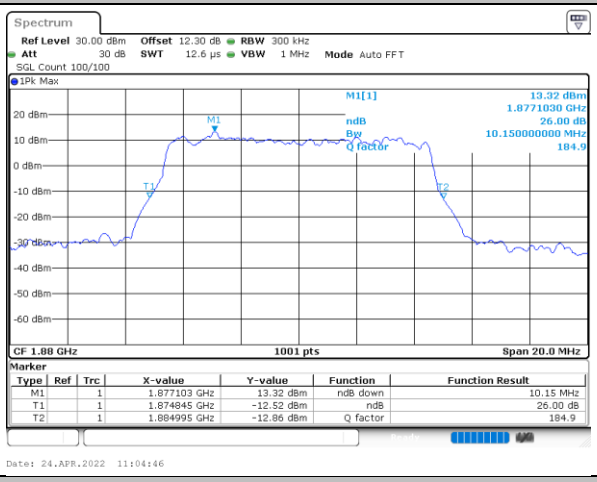
Middle Channel / 3MHz / 256QAM



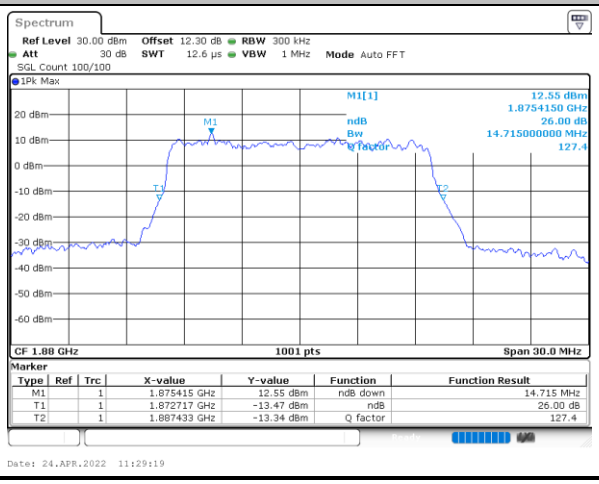
Middle Channel / 5MHz / 256QAM



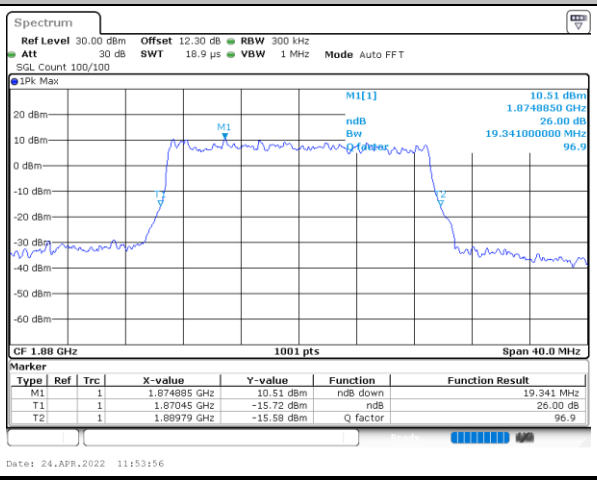
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

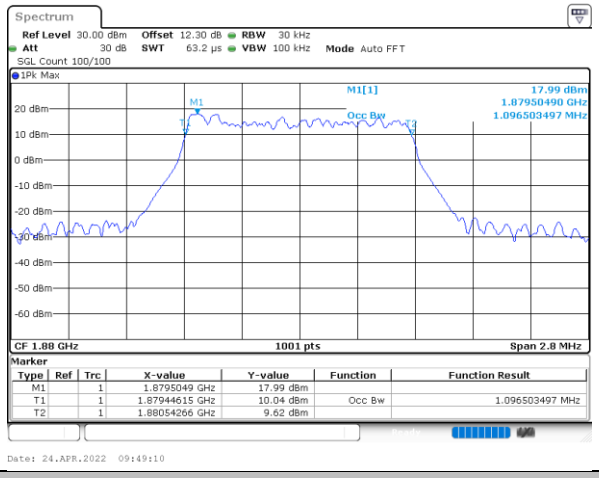


Occupied Bandwidth

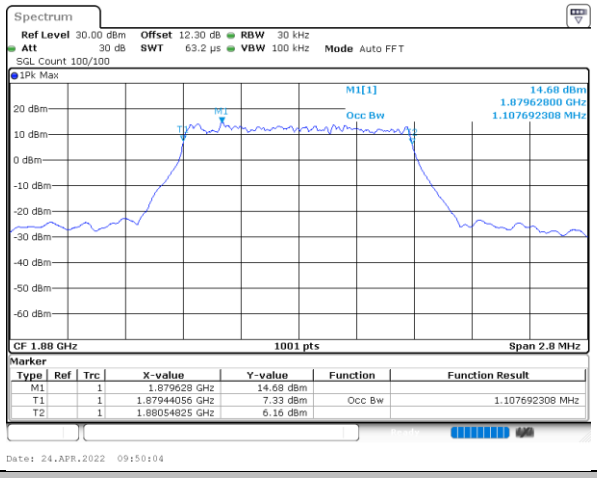
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.11	2.72	2.73	4.50	4.49	9.07	9.07	13.43	13.49	17.90	17.90
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.10	1.10	2.75	2.76	4.51	4.51	9.07	9.11	13.37	13.43	17.98	17.90

LTE Band 2

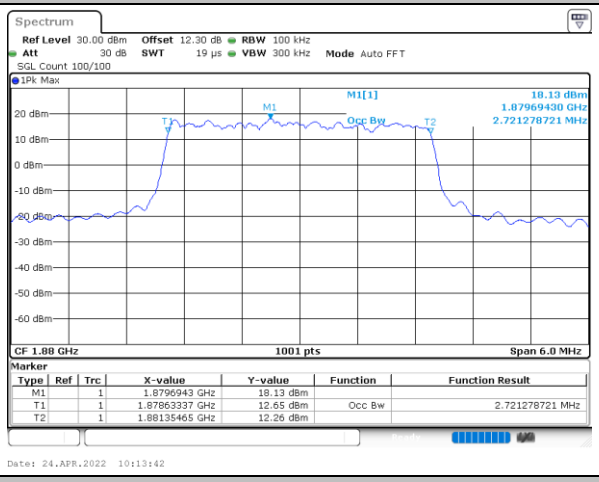
Middle Channel / 1.4MHz / QPSK



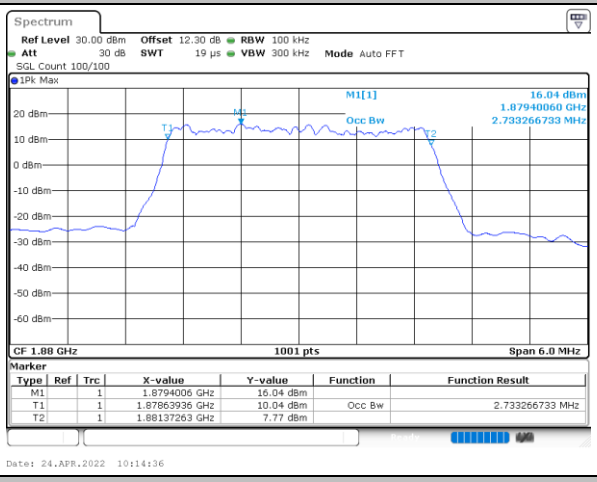
Middle Channel / 1.4MHz / 16QAM



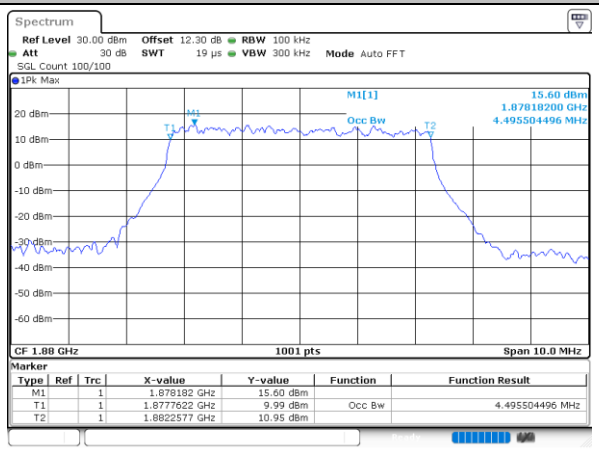
Middle Channel / 3MHz / QPSK



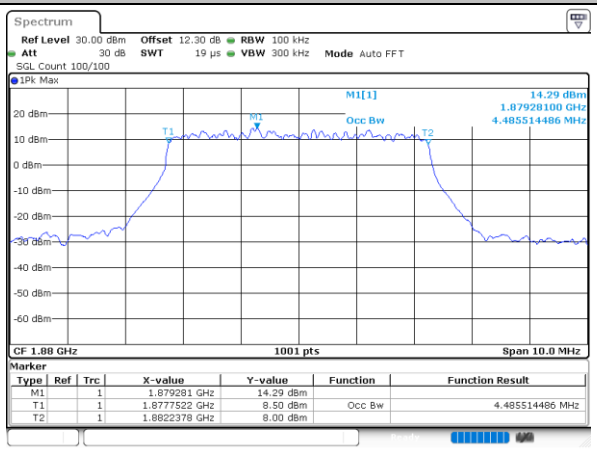
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

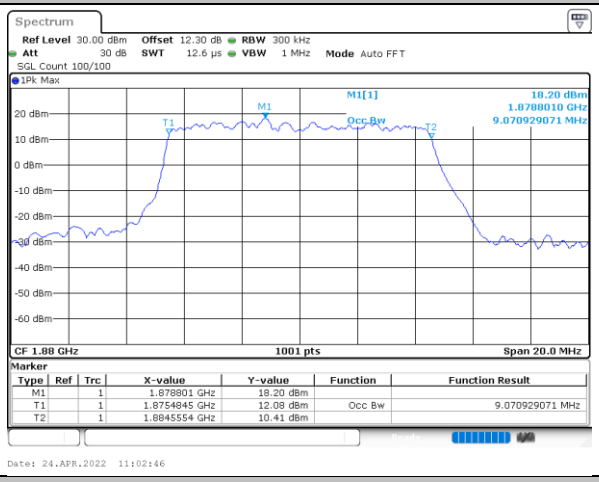


Middle Channel / 5MHz / 16QAM

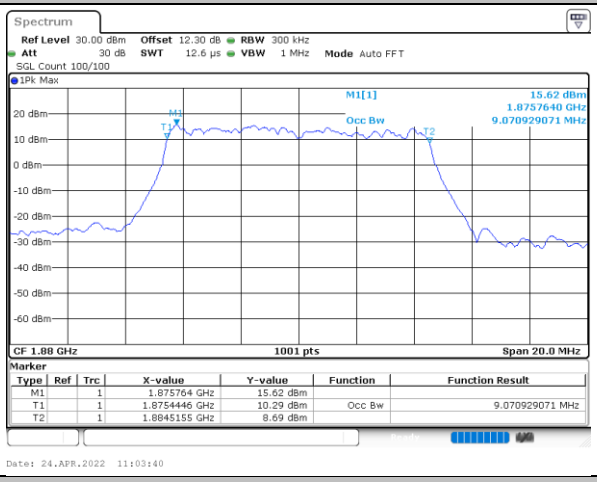


LTE Band 2

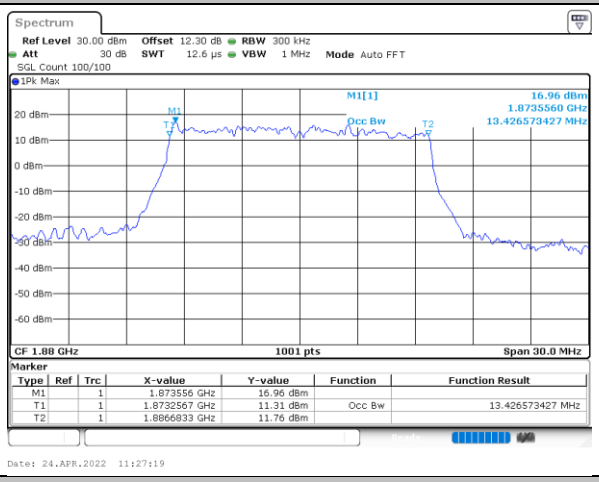
Middle Channel / 10MHz / QPSK



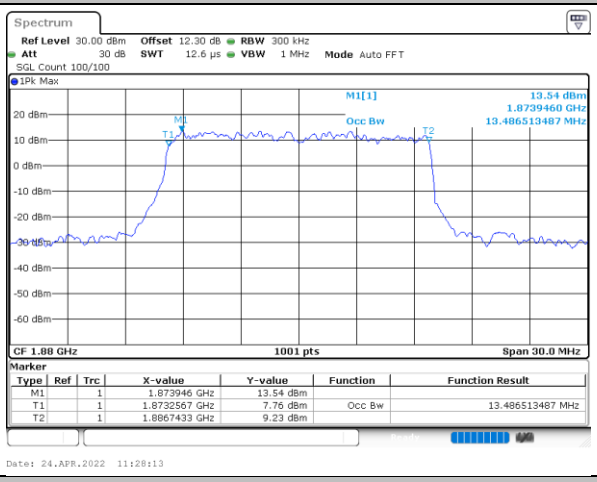
Middle Channel / 10MHz / 16QAM



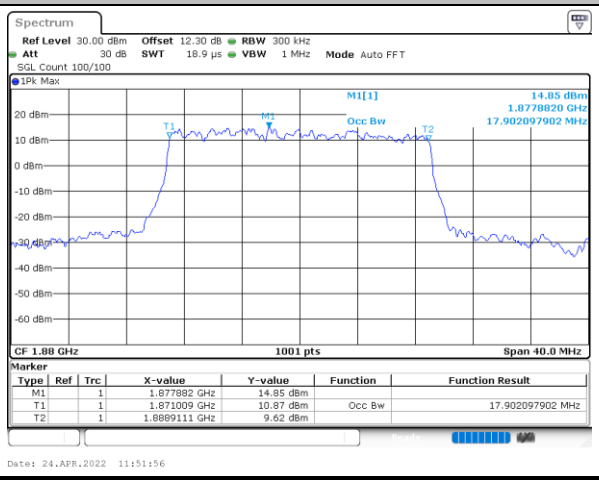
Middle Channel / 15MHz / QPSK



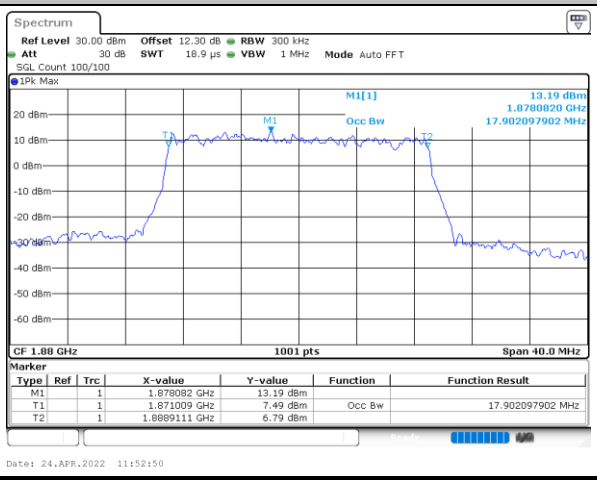
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

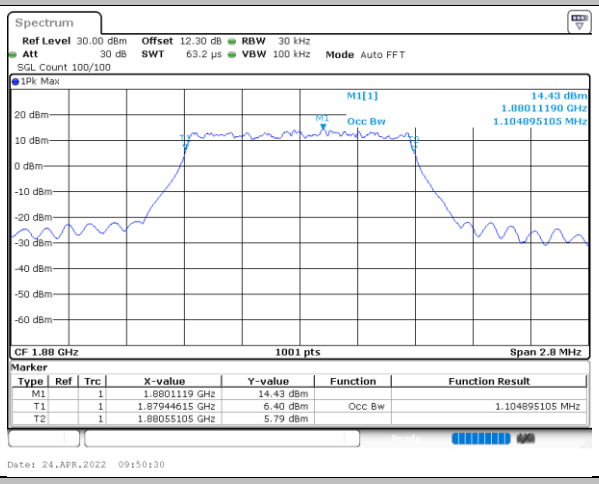


Middle Channel / 20MHz / 16QAM

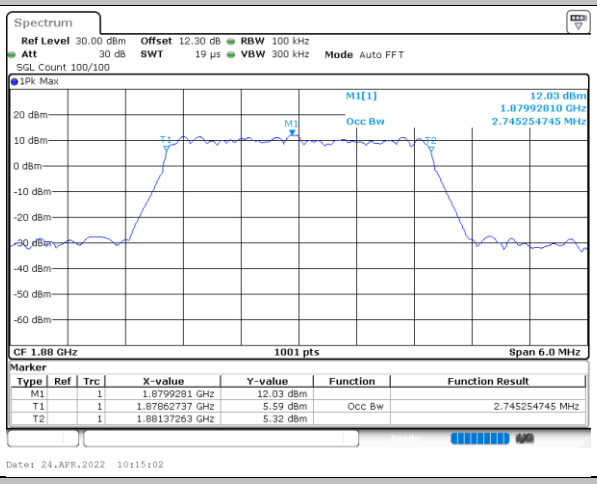


LTE Band 2

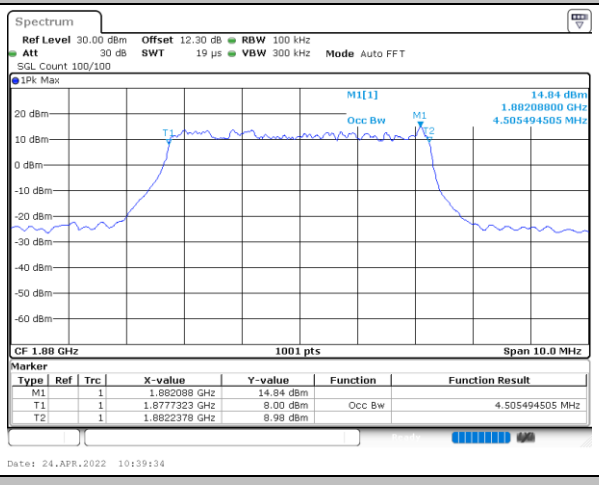
Middle Channel / 1.4MHz / 64QAM



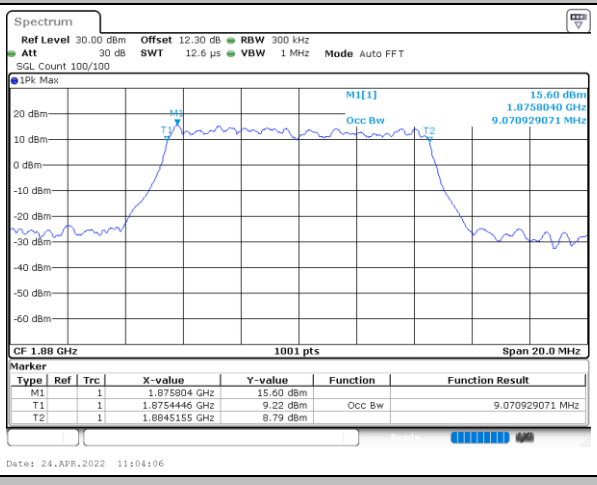
Middle Channel / 3MHz / 64QAM



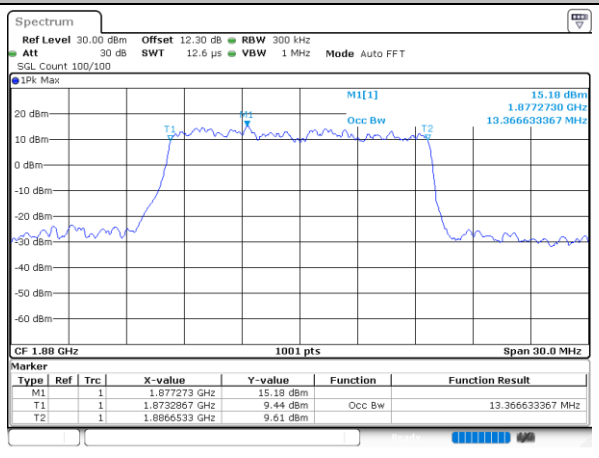
Middle Channel / 5MHz / 64QAM



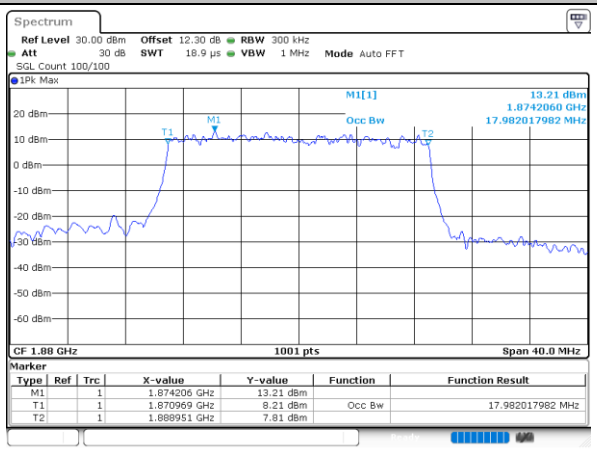
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

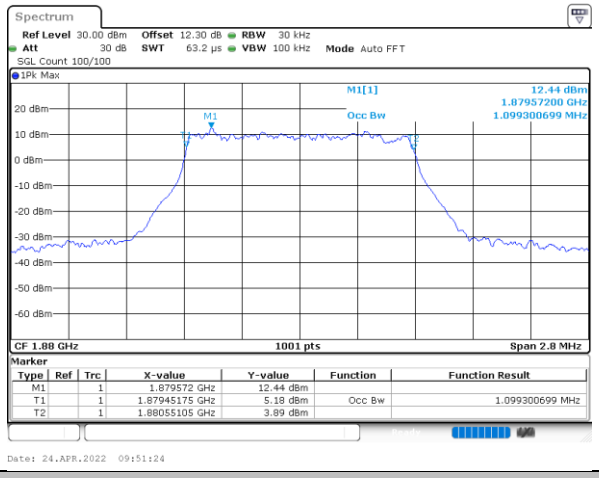


Middle Channel / 20MHz / 64QAM

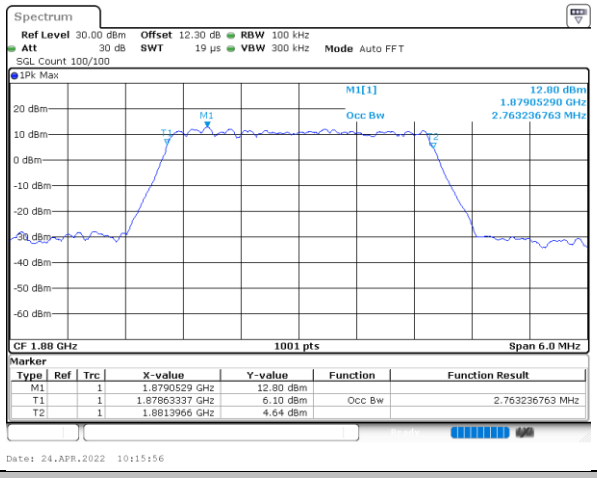


LTE Band 2

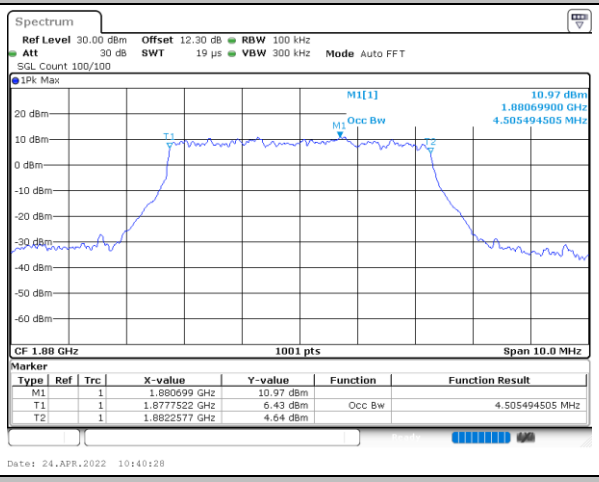
Middle Channel / 1.4MHz / 256QAM



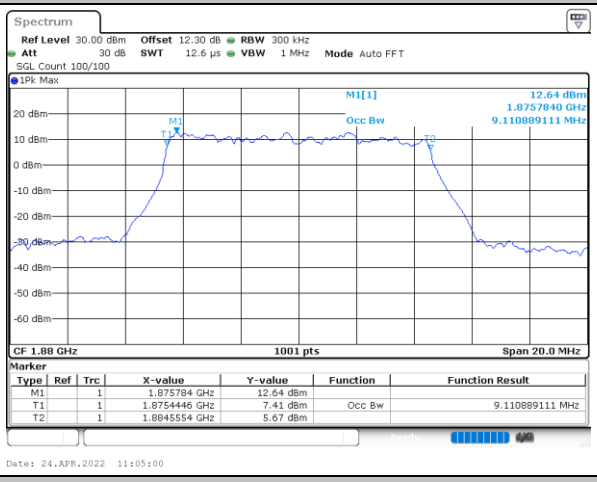
Middle Channel / 3MHz / 256QAM



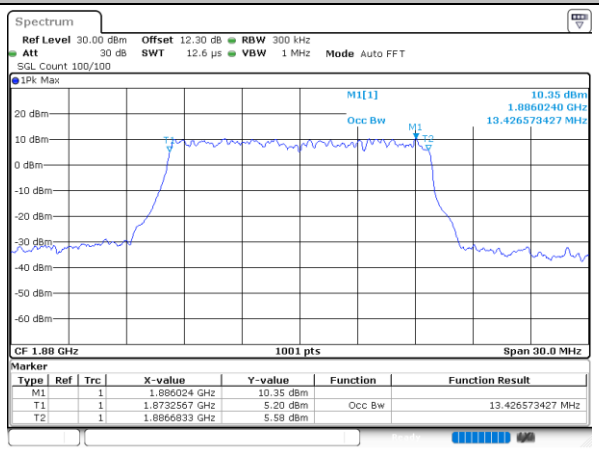
Middle Channel / 5MHz / 256QAM



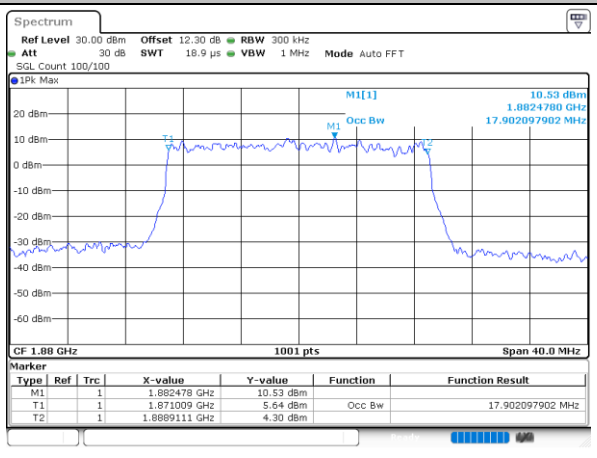
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



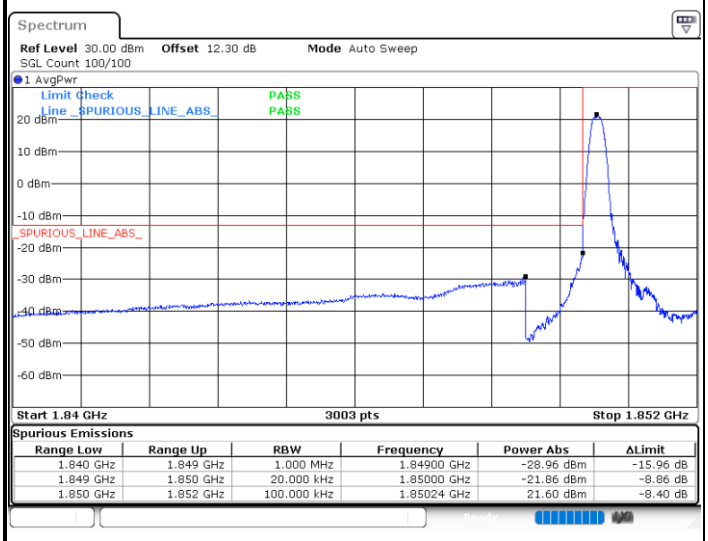
Middle Channel / 20MHz / 256QAM



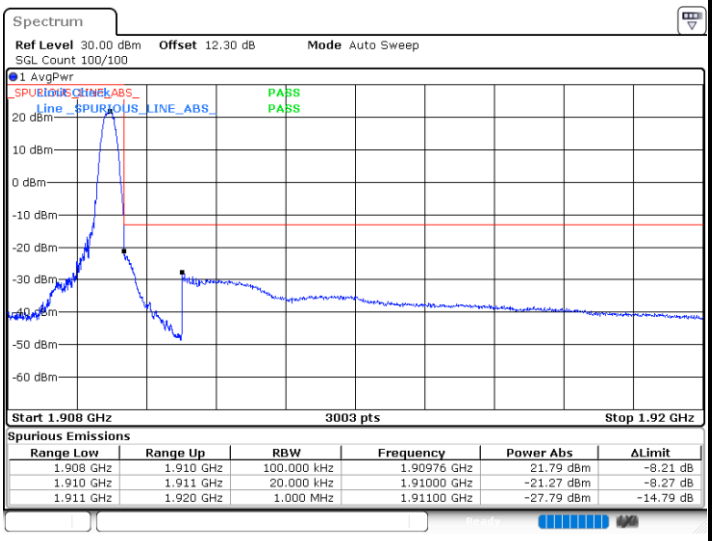
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

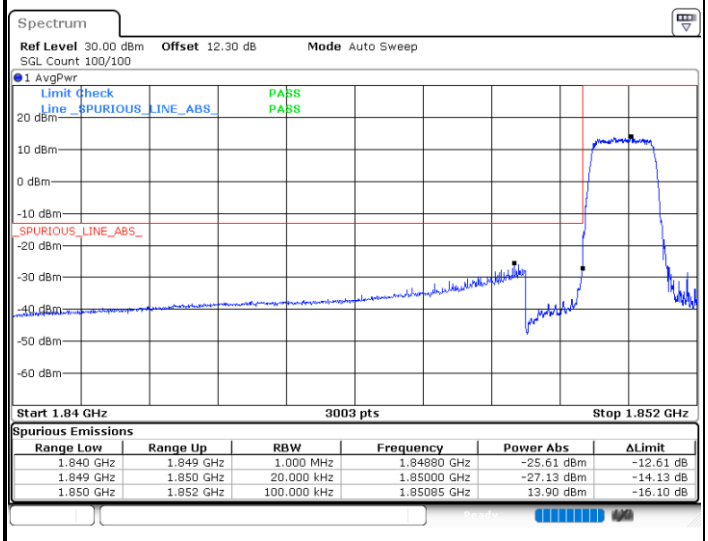
Lowest Band Edge / 1RB



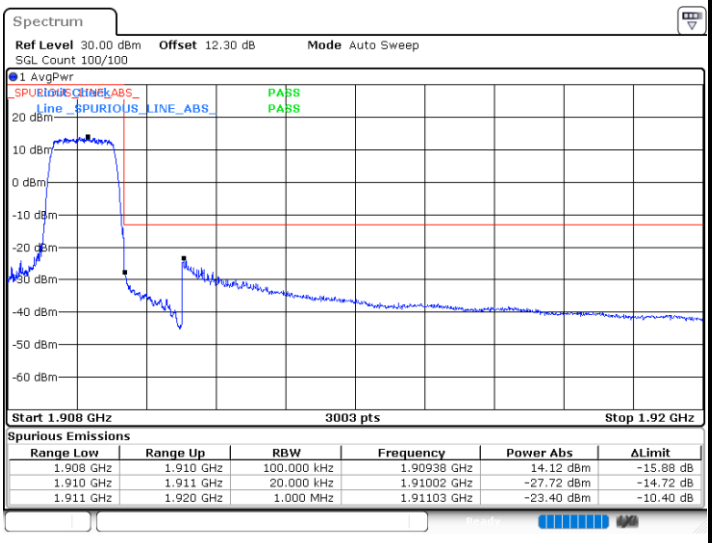
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

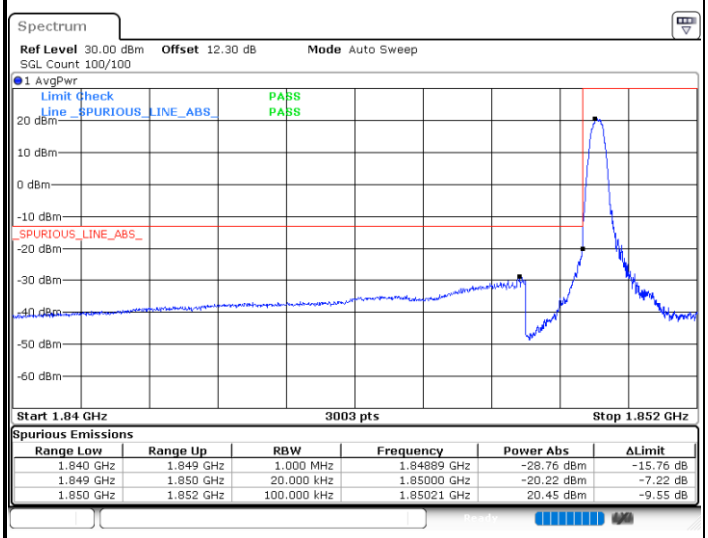


Highest Band Edge / Full RB



LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

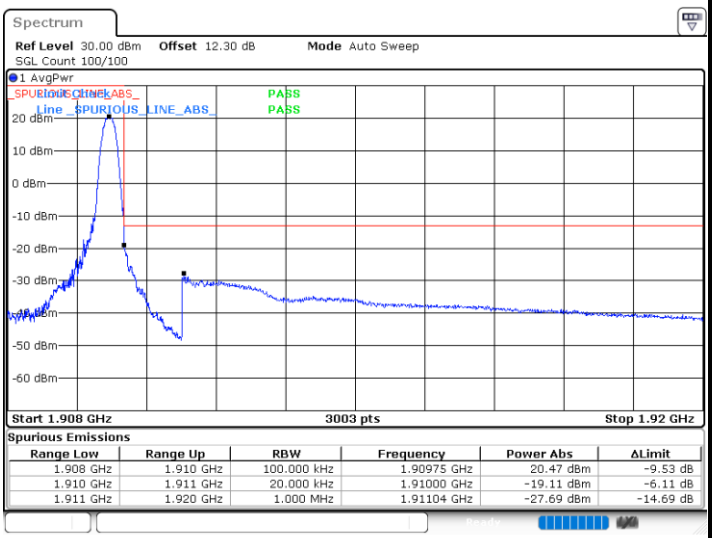


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-28.76 dBm	-15.76 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-20.22 dBm	-7.22 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85021 GHz	20.45 dBm	-9.55 dB

Date: 24.APR.2022 09:42:07

Highest Band Edge / 1 RB

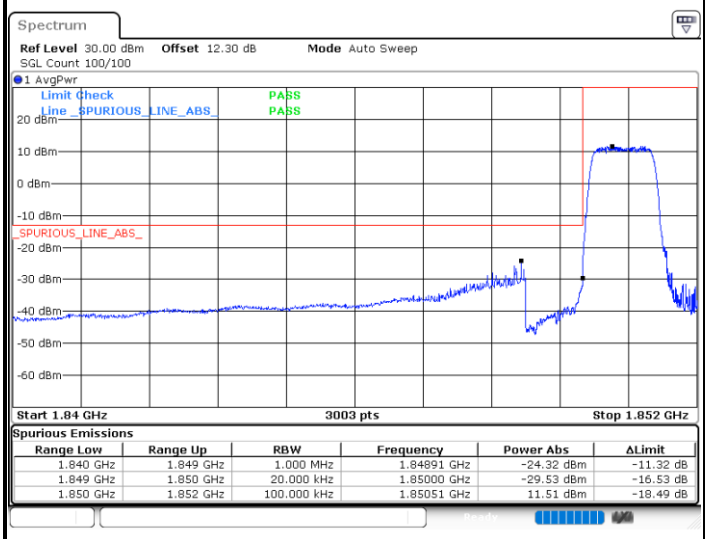


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90975 GHz	20.47 dBm	-9.53 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-19.11 dBm	-6.11 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-27.69 dBm	-14.69 dB

Date: 24.APR.2022 09:56:05

Lowest Band Edge / Full RB

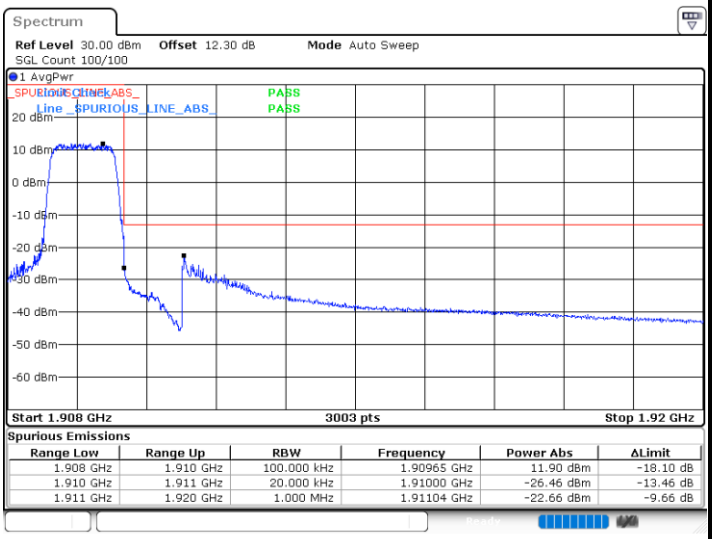


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-24.32 dBm	-11.32 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-29.53 dBm	-16.53 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85051 GHz	11.51 dBm	-18.49 dB

Date: 24.APR.2022 09:46:31

Highest Band Edge / Full RB



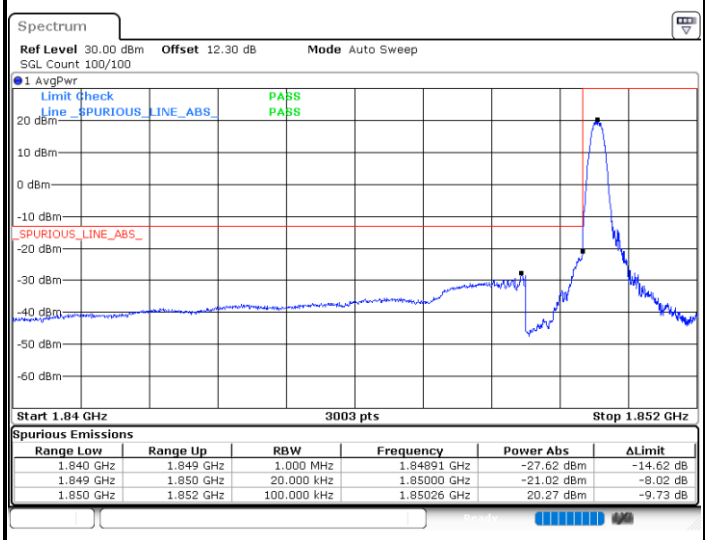
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90965 GHz	11.90 dBm	-18.10 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-26.46 dBm	-13.46 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-22.66 dBm	-9.66 dB

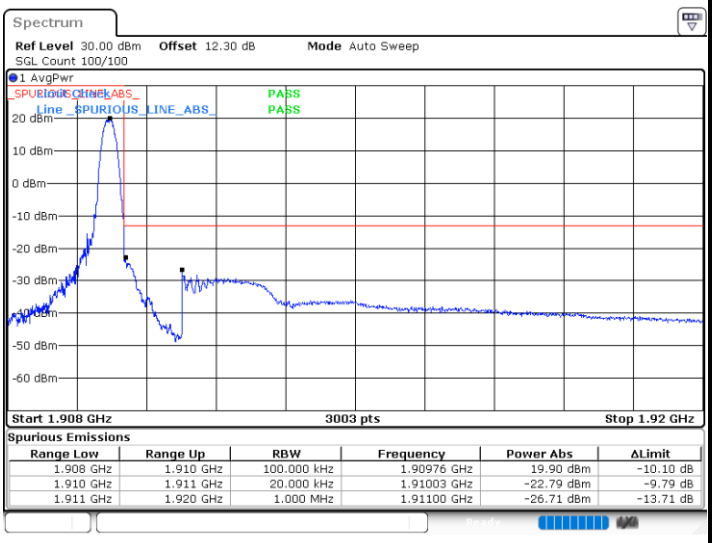
Date: 24.APR.2022 10:00:28

LTE Band 2 / 1.4MHz / 64QAM

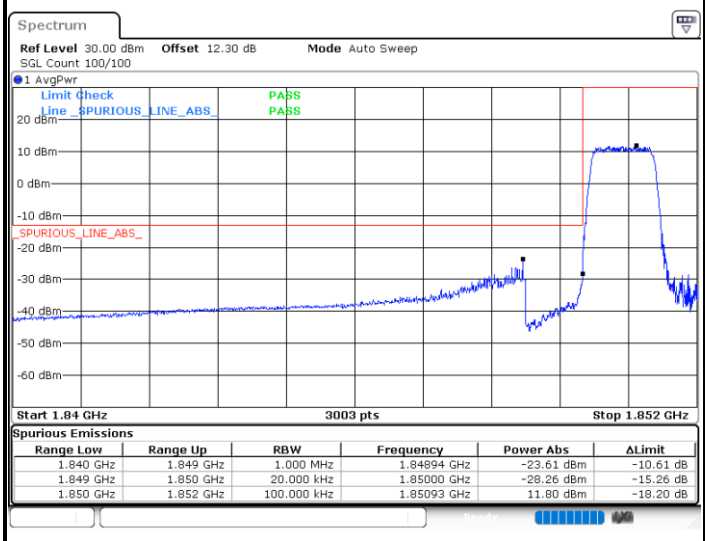
Lowest Band Edge / 1 RB



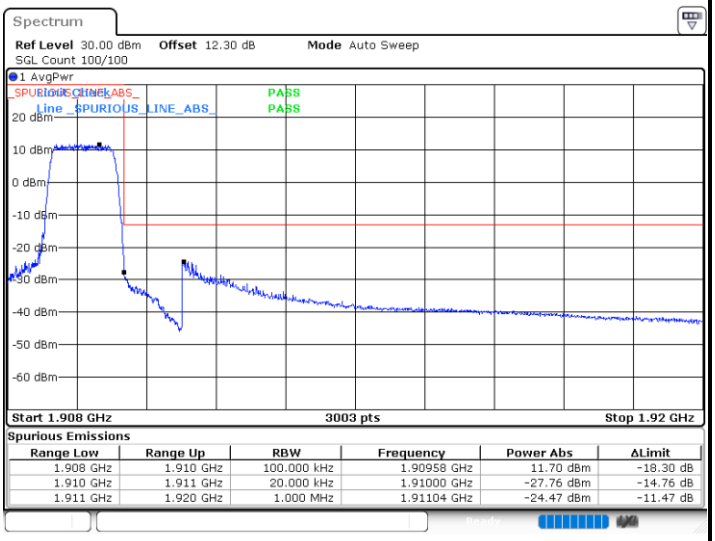
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

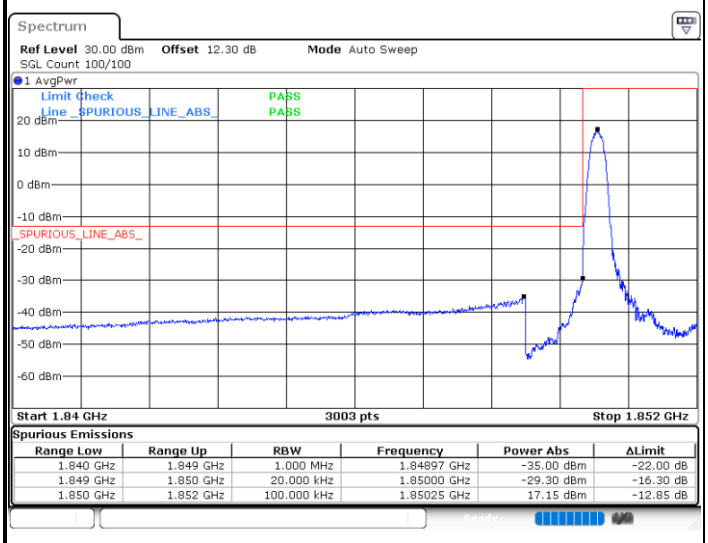


Highest Band Edge / Full RB

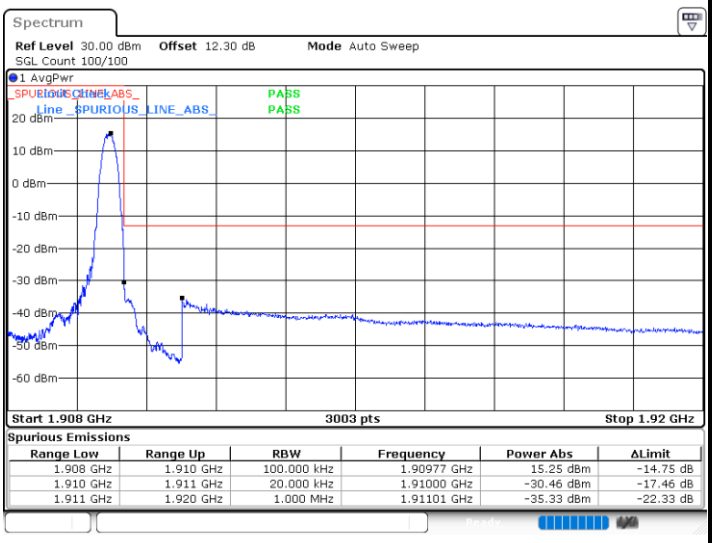


LTE Band 2 / 1.4MHz / 256QAM

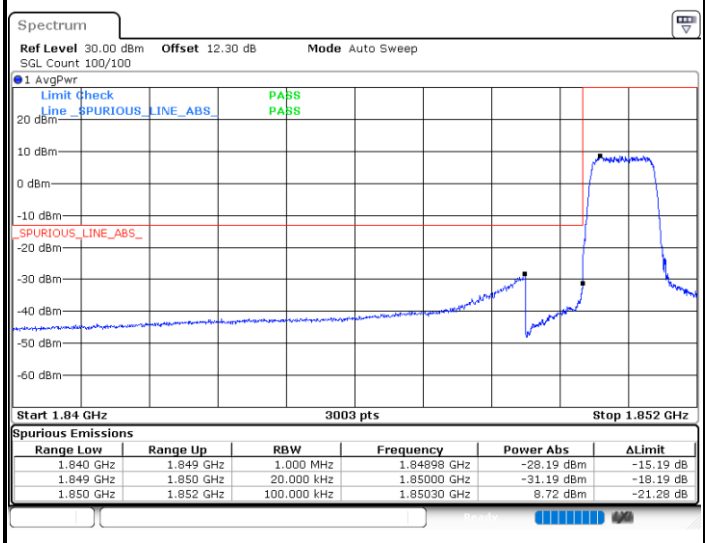
Lowest Band Edge / 1 RB



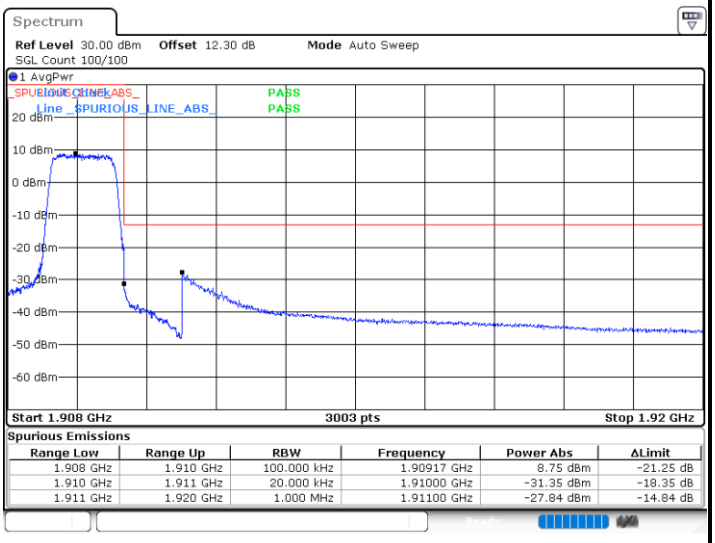
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

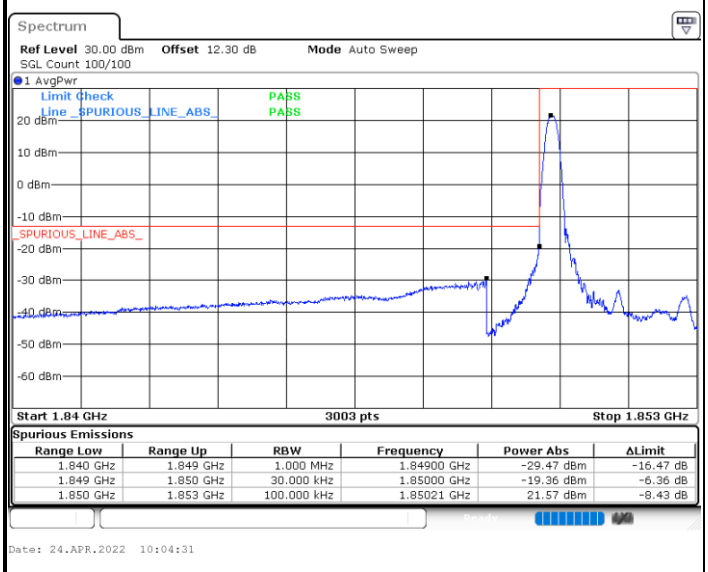


Highest Band Edge / Full RB

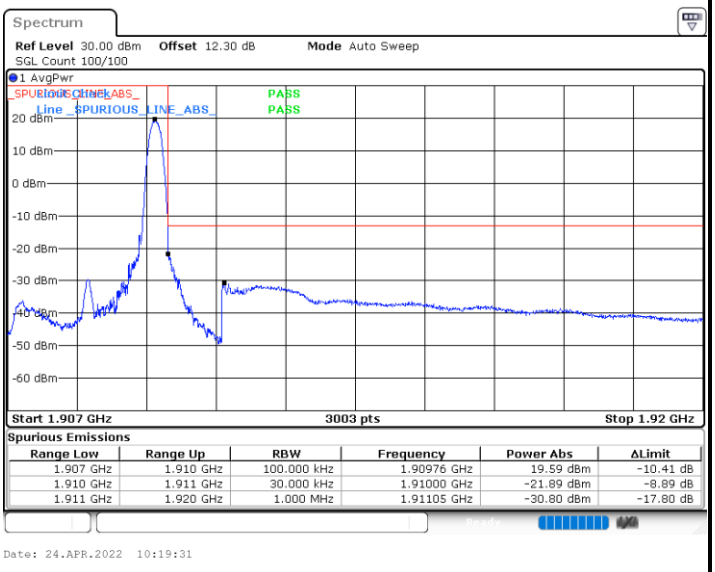


LTE Band 2 / 3MHz / QPSK

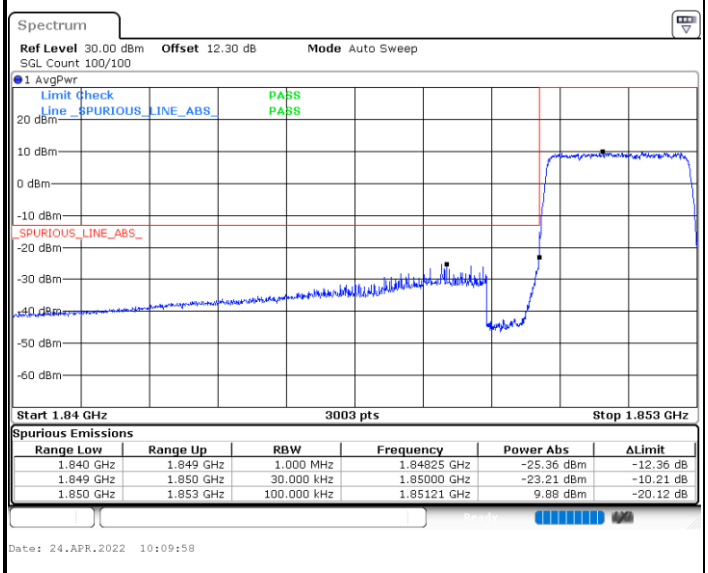
Lowest Band Edge / 1RB



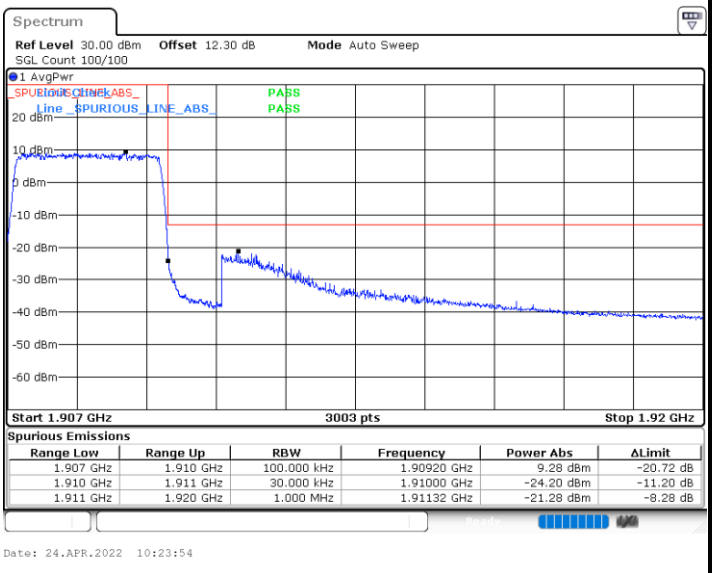
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

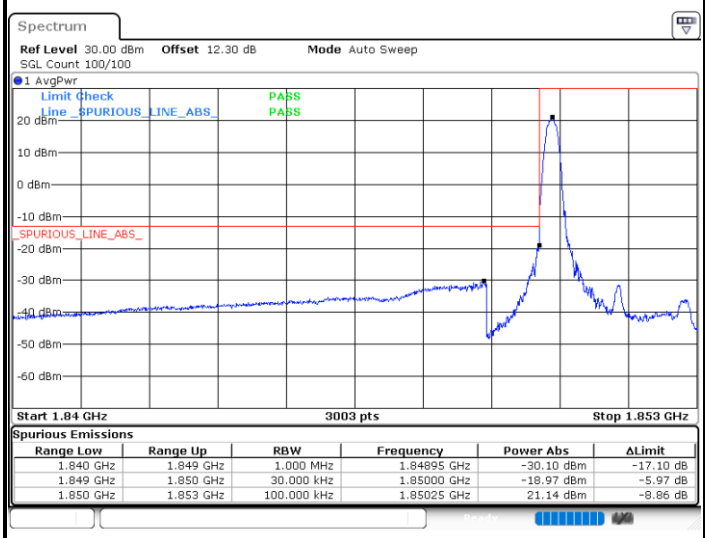


Highest Band Edge / Full RB

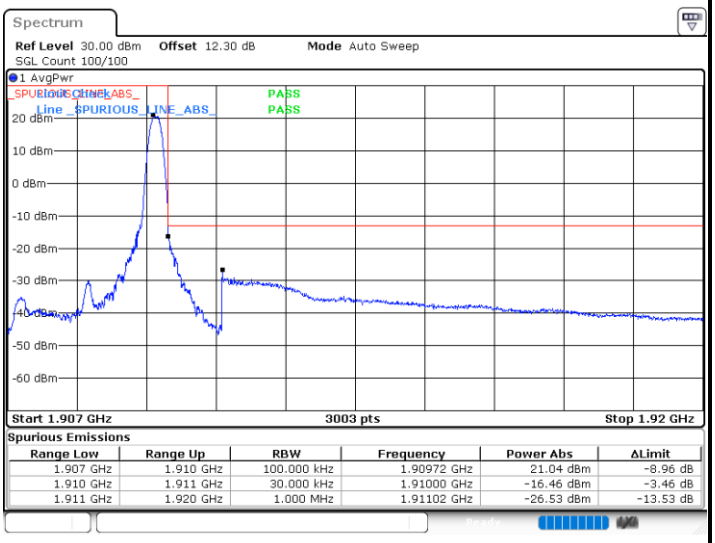


LTE Band 2 / 3MHz / 16QAM

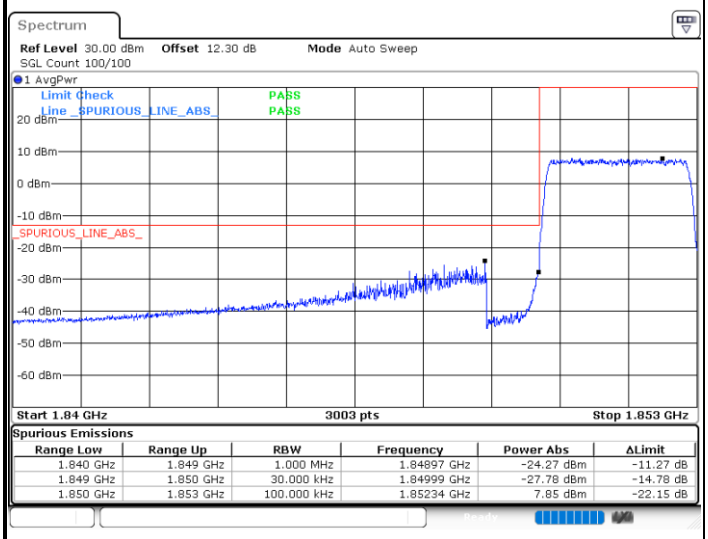
Lowest Band Edge / 1 RB



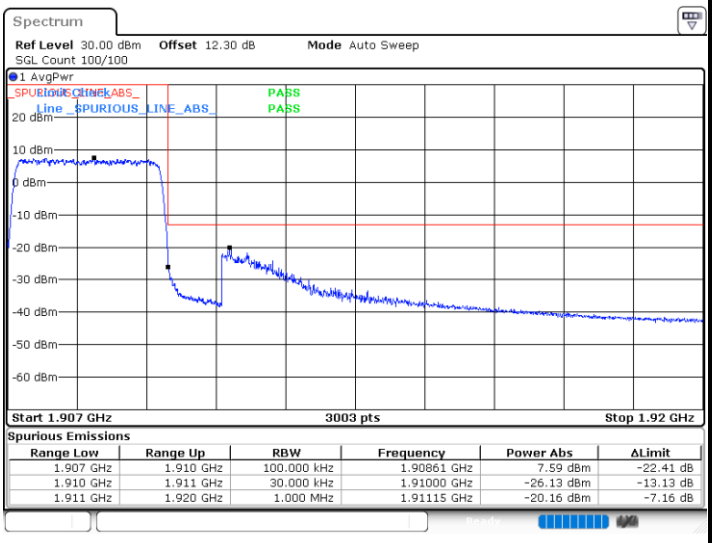
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

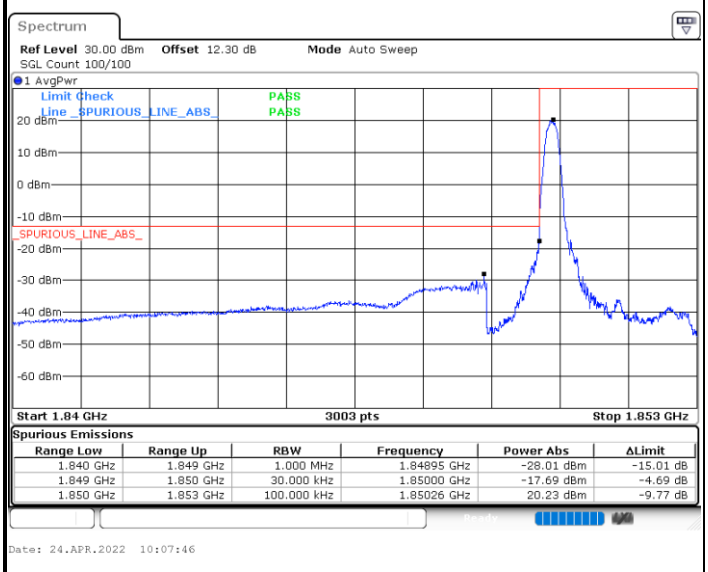


Highest Band Edge / Full RB

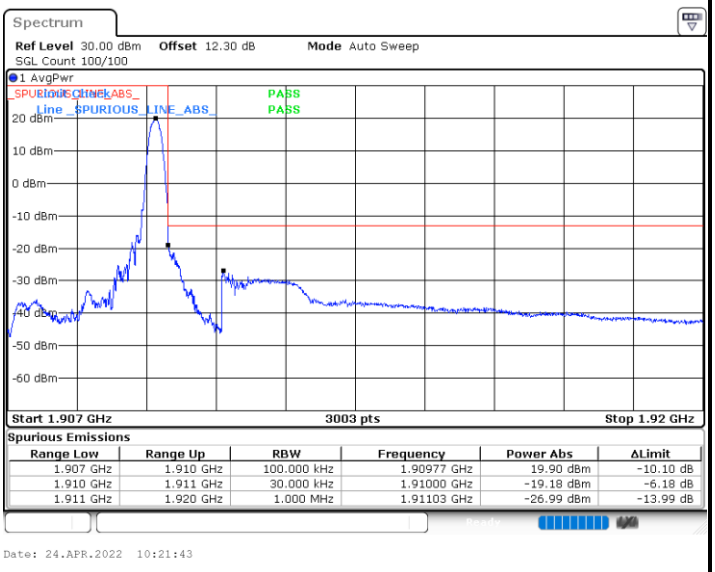


LTE Band 2 / 3MHz / 64QAM

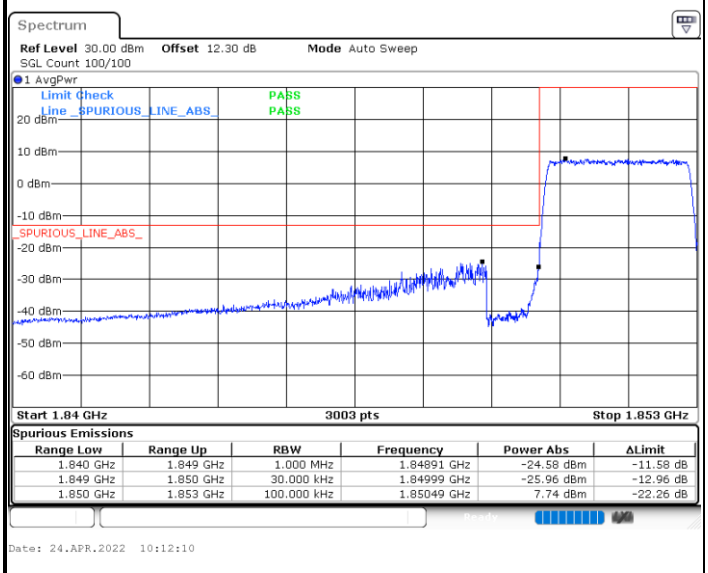
Lowest Band Edge / 1 RB



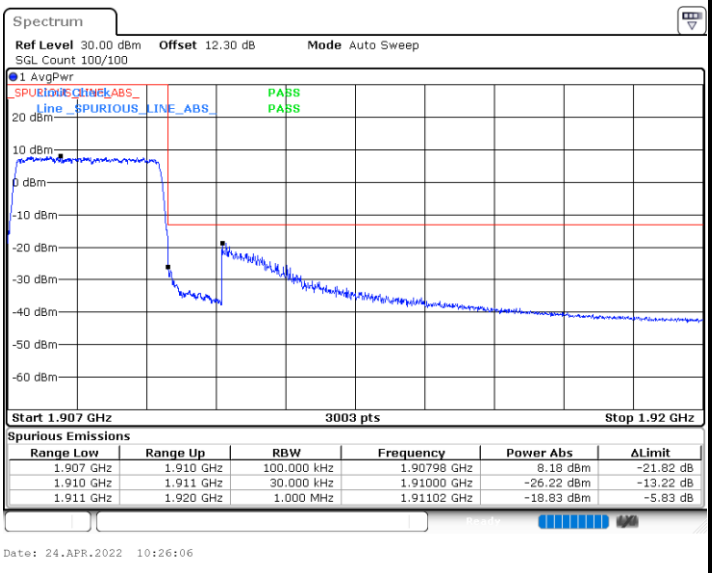
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

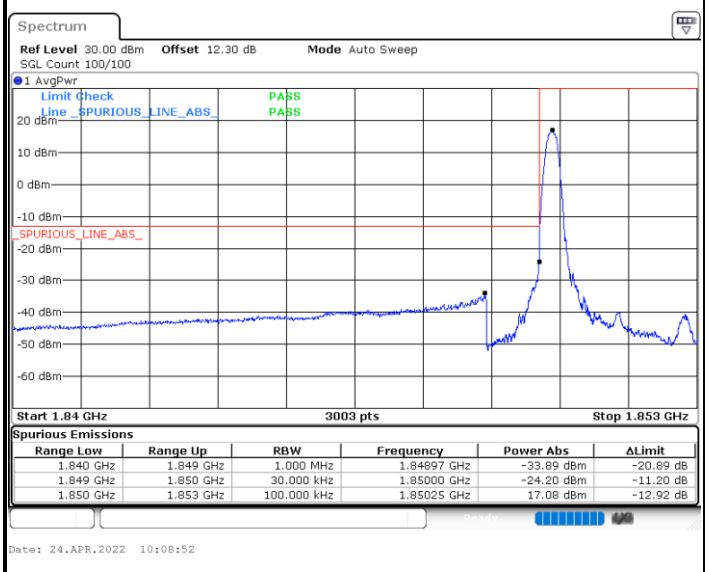


Highest Band Edge / Full RB

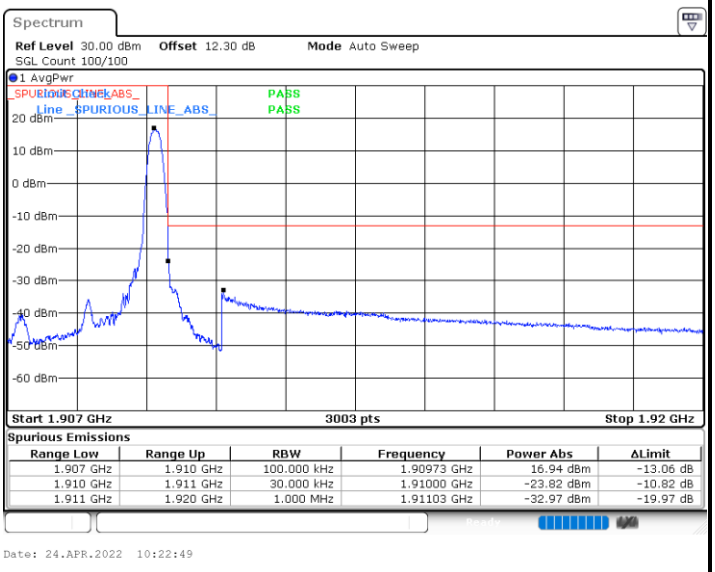


LTE Band 2 / 3MHz / 256QAM

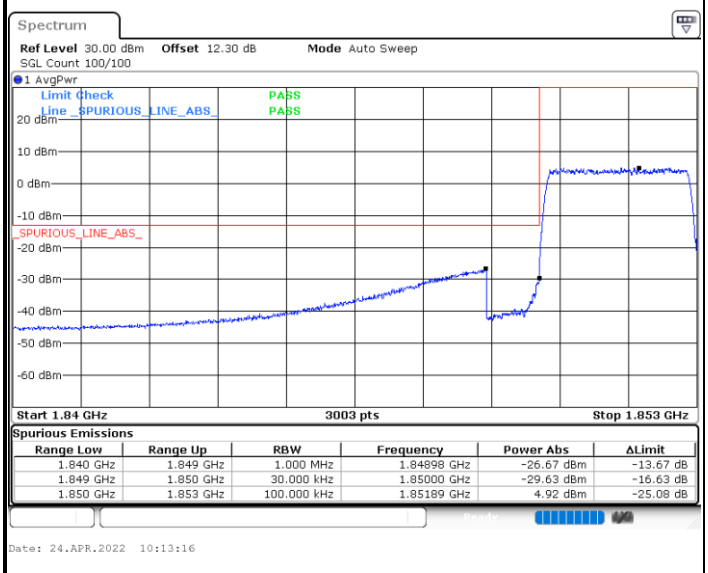
Lowest Band Edge / 1 RB



Highest Band Edge /1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB