FCC RADIO TEST REPORT

FCC ID	:	**A4RGB62Z**
Equipment	:	**Phone**
Model Name	:	**GB62Z**
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 Oct. 06, 2021 and testing was performed from Nov. 06, 2021 to Dec. 21, 2021. 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

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History of this test report

Report No.	Version	Description	Issued Date
FG161608-03B	01	Initial issue of report	Jan. 27, 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 13.16 dB at 2109.000 MHz for Primary Antenna Under limit 13.76 dB at 7713.000 MHz for ASDIV Antenna
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
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: Amy Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	GB62Z
FCC ID	A4RGB62Z
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS 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
19151FQGR00026 19151FQGR00025 1A261FQGR00048 1A261FQGR00045	Conducted Measurement ERP/EIRP
1B161FQGR00002	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: 1850.7MHz ~ 1914.3 MHz LTE Band 26: 824.7MHz ~ 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 ~ 1779.3 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: 2622.5MHz ~ 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 ~ 2199.3 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 : 24.71 dBm LTE Band 5B : 23.47 dBm LTE Band 12 : 24.34 dBm LTE Band 13 : 24.26 dBm LTE Band 17 : 24.32 dBm LTE Band 26 : 24.62 dBm LTE Band 71 : 24.50 dBm **<Ant. 2>** LTE Band 2 : 24.11 dBm LTE Band 4 : 24.15 dBm LTE Band 7 : 24.40 dBm LTE Band 7C : 23.44 dBm LTE Band 25 : 24.16 dBm LTE Band 38 : 26.22 dBm for HPUE LTE Band 41 : 24.39 dBm LTE Band 41 : 26.57 dBm for HPUE LTE Band 41C : 22.85 dBm LTE Band 66 : 23.92 dBm LTE Band 66B : 22.48 dBm LTE Band 66C : 22.22 dBm **<ASDIV Antenna>** **<Ant. 0>** LTE Band 2 : 23.64 dBm LTE Band 4 : 23.50 dBm LTE Band 7 : 23.95 dBm LTE Band 7C : 22.81 dBm LTE Band 25 : 23.59 dBm LTE Band 38 : 26.07 dBm for HPUE LTE Band 41 : 23.77 dBm LTE Band 41 : 25.96 dBm for HPUE LTE Band 41C : 22.06 dBm LTE Band 66 : 23.64 dBm LTE Band 66B : 24.23 dBm LTE Band 66C : 21.97 dBm **<Ant. 1>** LTE Band 5 : 24.30 dBm LTE Band 5B : 22.67dBm LTE Band 12 : 23.87 dBm LTE Band 13 : 23.92 dBm LTE Band 17 : 23.95 dBm LTE Band 26 : 24.46 dBm LTE Band 71 : 24.03 dBm
Antenna Type	**<Primary Antenna>:** **<Ant. 0>:** ILA Antenna **<Ant. 2>:** ILA Antenna **<ASDIV Antenna>:** **<Ant. 0>:** ILA Antenna **<Ant. 1>:** ILA Antenna
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

<Primary Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 2	-0.9
LTE	B4	Ant. 2	-0.3
LTE	B5	Ant. 0	-2.9
LTE	B7	Ant. 2	0.6
LTE	B12	Ant. 0	-4.6
LTE	B13	Ant. 0	-3.8
LTE	B17	Ant. 0	-4.6
LTE	B25	Ant. 2	-0.9
LTE	B26	Ant. 0	-3.0
LTE	B38	Ant. 2	0.6
	B38_HPUE		
LTE	B41	Ant. 2	0.6
	B41_HPUE		
LTE	B66	Ant. 2	-0.3
LTE	B71	Ant. 0	-5.9

<ASDIV Antenna>

Radio Tech	Band Number	Antenna name	Gain
LTE	B2	Ant. 0	-0.8
LTE	B4	Ant. 0	-0.4
LTE	B5	Ant. 1	-6.9
LTE	B7	Ant. 0	-0.4
LTE	B12	Ant. 1	-7.9
LTE	B13	Ant. 1	-7.1
LTE	B17	Ant. 1	-7.9
LTE	B25	Ant. 0	-0.8
LTE	B26	Ant. 1	-6.9
LTE	B38	Ant. 0	-0.4
	B38_HPUE		
LTE	B41	Ant. 0	-0.4
	B41_HPUE		
LTE	B66	Ant. 0	-0.4
LTE	B71	Ant. 1	-7.8

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

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Benjamin Lin
Temperature (℃)	23.8~25.1
Relative Humidity (%)	48.9~52.6

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.**
	03CH13-HY (TAF Code: 3786)
Test Engineer	Yuan Lee, Jacky Hong and Wilson Wu
Temperature (℃)	20~25
Relative Humidity (%)	50~60
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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. 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 adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find <Primary Antenna>: X Plane for LTE Band 4, 7, 13, 38(HPUE), 41(HPUE), 41C, 66B, 66C; Y Plane for LTE Band 26, 66; Z Plane for LTE Band 2, 5, 12, 17, 25, 7C, 71; <ASDIV Antenna>: X Plane for LTE Band 13, 25, 26, 38(HPUE), 41(HPUE), 66C, 71; Y Plane for LTE Band 7, 7C, 17, 41C, 66B; Z Plane for LTE Band 2, 4, 5, 12, 66 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	-	-		v	-	-	v	v	v	v			v		v	
	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	-	-	v	v	-	-	v	v	v	v			v		v	
	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	-	-	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
	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	-	-	v	v	-	-	v				v			v	v	v
	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	-	-		v	-	-	v						v		v	
	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	Worst Case													v	v	v
	4	Worst Case													v	v	v
	5	Worst Case													v	v	v
	7	Worst Case													v	v	v
	12	Worst Case													v	v	v
	13	Worst Case													v	v	v
	17	Worst Case													v	v	v
	25	Worst Case													v	v	v
	26	Worst Case													v	v	v
	38	Worst Case													v	v	v
	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.																

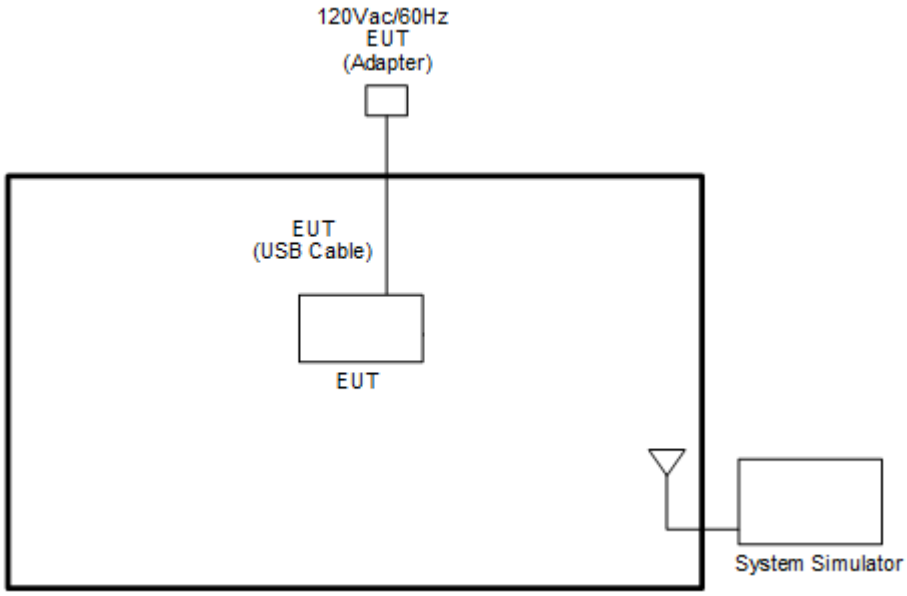
Test Items	Band	Bandwidth (MHz)					Modulation				RB #			Test Channel		
		3+5	5+3	5+10	10+5	10+10	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	5_CA	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	5_CA	-	-	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	5_CA	-	-	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	5_CA	-	-	v	v	v	v				v			v	v	v
E.R.P.	5_CA	-	-	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.															

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.																				

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.																

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.																				

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	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	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 7 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 41 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 41 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 5B Channel and Frequency List_CA					
BW [MHz]	**Channel/Frequency(MHz)**		**Lowest**	**Middle**	**Highest**
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 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

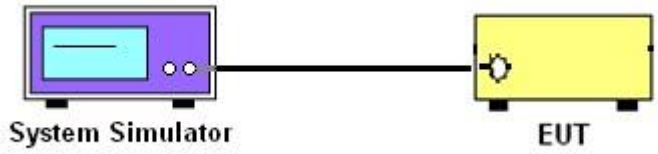
3 Conducted Test Items

3.1 Measuring Instruments

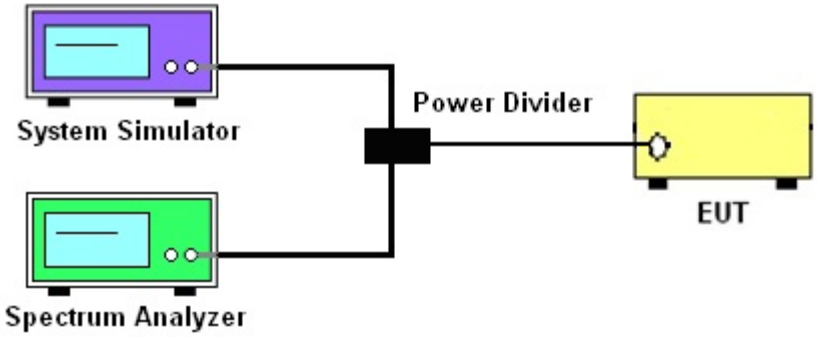
See list of measuring instruments of this test report.

3.1.1 Test Setup

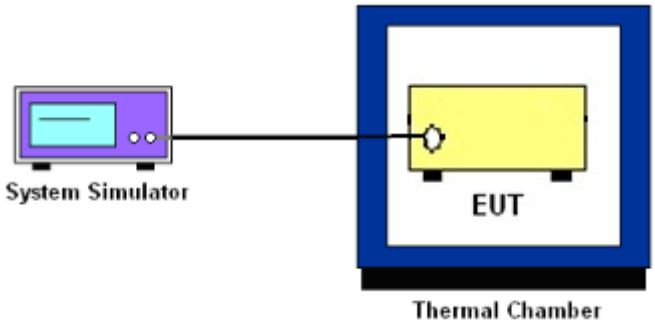
3.1.2 Conducted Output Power



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.

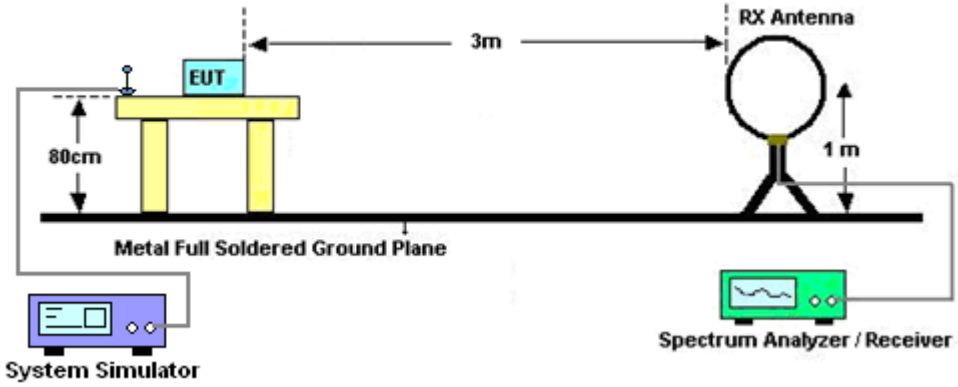
4 Radiated Test Items

4.1 Measuring Instruments

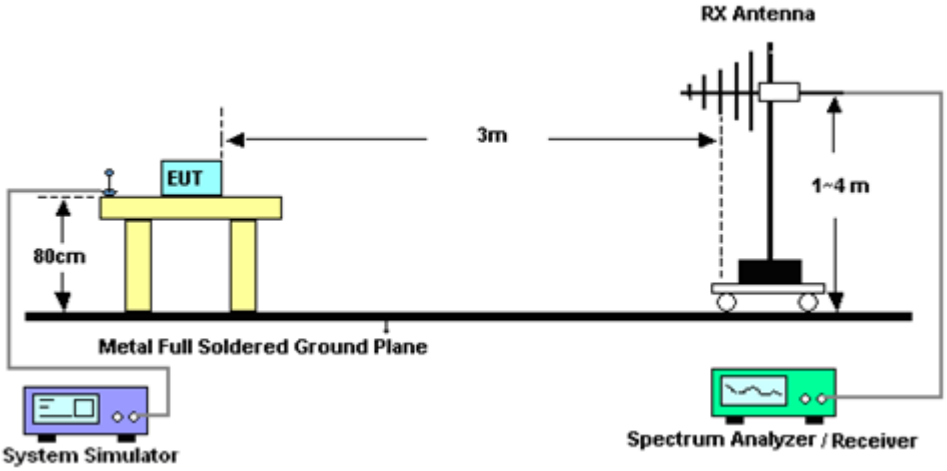
See list of measuring instruments of this test report.

4.1.1 Test Setup

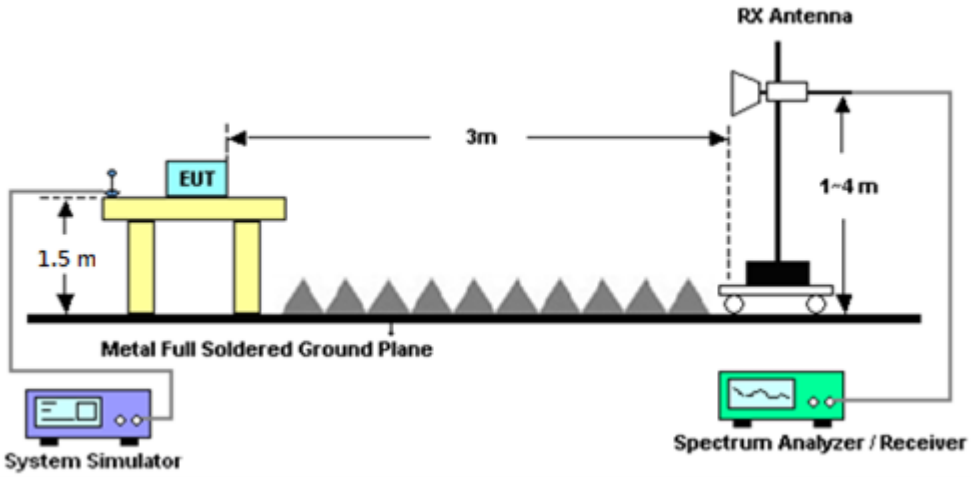
For radiated test below 30MHz



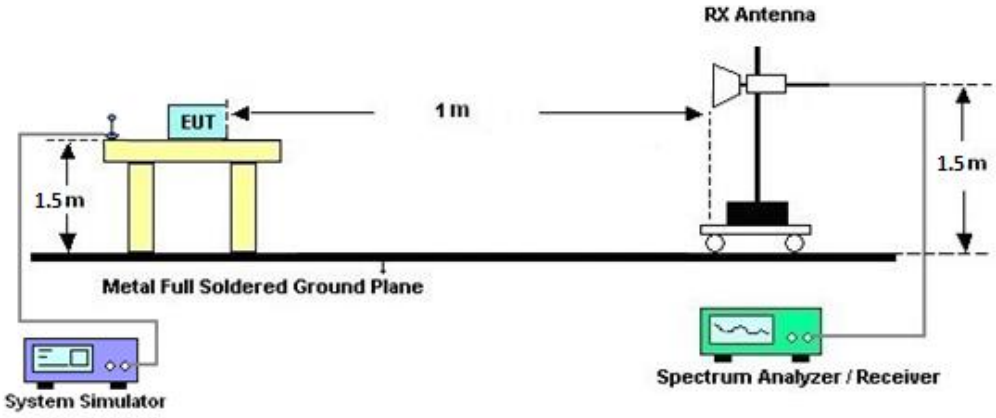
For radiated test from 30MHz to 1GHz



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
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 16, 2020	Nov. 27, 2021~ Dec. 14, 2021	Dec. 15, 2021	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 15, 2021	Dec. 15, 2021~ Dec. 21, 2021	Dec. 14, 2022	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103 & 07	30MHz to 1GHz	Apr. 28, 2021	Nov. 27, 2021~ Dec. 21, 2021	Apr. 27, 2022	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	41912 & 05	30MHz to 1GHz	Feb. 08, 2021	Nov. 27, 2021~ Dec. 21, 2021	Feb. 07, 2022	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz ~ 18GHz	May 18, 2021	Nov. 27, 2021~ Dec. 21, 2021	May 17, 2022	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jul. 13, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jul. 12, 2022	Radiation (03CH13-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 07, 2021	Nov. 27, 2021~ Dec. 21, 2021	Sep. 06, 2022	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 18, 2021	Nov. 27, 2021~ Dec. 21, 2021	May 17, 2022	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 26, 2021	Nov. 27, 2021~ Dec. 21, 2021	Oct. 25, 2022	Radiation (03CH13-HY)
Signal Generator	Anritsu	MG3694C	163401	0.1Hz~40GHz	Jan. 31, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jan. 30, 2022	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 18, 2021	Nov. 27, 2021~ Dec. 21, 2021	Mar. 17, 2022	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 27, 2021~ Dec. 21, 2021	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Nov. 27, 2021~ Dec. 21, 2021	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Nov. 27, 2021~ Dec. 21, 2021	N/A	Radiation (03CH13-HY)
Software	Audix	E3 6.2009-8-24	RK-000992	N/A	N/A	Nov. 27, 2021~ Dec. 21, 2021	N/A	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz ~ 40GHz	Jun. 22, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jun. 21, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 10, 2021	Nov. 27, 2021~ Dec. 21, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 10, 2021	Nov. 27, 2021~ Dec. 21, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Feb. 22, 2021	Nov. 27, 2021~ Dec. 21, 2021	Feb. 21, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 11, 2021	Nov. 27, 2021~ Dec. 21, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Feb. 10, 2021	Nov. 27, 2021~ Dec. 21, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Nov. 27, 2021~ Dec. 21, 2021	Mar. 10, 2022	Radiation (03CH13-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May 21, 2021	Nov. 27, 2021~ Dec. 21, 2021	May 20, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170980	18GHz- 40GHz	Jan. 11, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jan. 10, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 12, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jul. 11, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-1080-1200-15000-60SS	SN3	1.2GHz High Pass Filter	Jul. 01, 2021	Nov. 27, 2021~ Dec. 21, 2021	Jun. 30, 2022	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP161243	N/A	Sep. 02, 2021	Nov. 27, 2021~ Dec. 21, 2021	Sep. 01, 2022	Radiation (03CH13-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	2/3/4G/LTE FDD/TDD with44)/LTE-3CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Nov. 06, 2021~ Dec. 08, 2021	Jul. 20, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101909	10Hz~40GHz	Aug. 13, 2021	Nov. 06, 2021~ Dec. 08, 2021	Aug. 12, 2022	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 09, 2021	Nov. 06, 2021~ Dec. 08, 2021	Sep. 08, 2022	Conducted (TH03-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	1V~20V 0.5A~5A	Oct. 06, 2021	Nov. 06, 2021~ Dec. 08, 2021	Oct. 05, 2022	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 09, 2021	Nov. 06, 2021~ Dec. 08, 2021	Jan. 08, 2022	Conducted (TH03-HY)

6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.45 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.73 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.00 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 = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.09	24.11	23.95	23.21	0.2094
20	1	49		24.07	24.05	23.86		
20	1	99		24.06	23.94	23.94		
20	50	0		23.25	23.26	23.09		
20	50	24		23.18	23.21	23.17		
20	50	50		23.21	23.22	23.10		
20	100	0		23.21	23.19	23.03		
20	1	0	16-QAM	23.44	23.36	23.15	22.54	0.1795
20	1	49		23.41	23.21	23.18		
20	1	99		23.34	23.17	23.09		
20	50	0		22.19	22.12	22.09		
20	50	24		22.20	22.10	22.09		
20	50	50		22.24	22.16	22.12		
20	100	0		22.25	22.12	22.11		
20	1	0	64-QAM	22.34	22.30	22.00	21.46	0.1400
20	1	49		22.30	22.24	22.09		
20	1	99		22.36	22.22	22.11		
20	50	0		21.20	21.16	21.08		
20	50	24		21.23	21.13	21.09		
20	50	50		21.27	21.17	21.15		
20	100	0		21.20	21.11	21.04		
20	1	0	256-QAM	19.11	19.05	18.92	18.33	0.0681
20	1	49		19.12	19.06	19.00		
20	1	99		19.23	19.14	19.17		
20	50	0		19.12	18.99	19.00		
20	50	24		19.11	19.01	18.99		
20	50	50		19.18	19.01	19.11		
20	100	0		19.15	18.99	18.97		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.04	24.08	23.93	23.19	0.2084
15	1	37		23.99	23.89	23.85		
15	1	74		24.09	23.97	23.91		
15	36	0		23.21	23.20	23.11		
15	36	20		23.26	23.15	23.07		
15	36	39		23.21	23.09	23.09		
15	75	0		23.25	23.21	23.03		
15	1	0	16-QAM	23.37	23.43	23.16	22.53	0.1791
15	1	37		23.36	23.38	23.18		
15	1	74		23.41	23.26	23.20		
15	36	0		22.20	22.13	22.01		
15	36	20		22.26	22.17	22.06		
15	36	39		22.27	22.10	22.08		
15	75	0		22.29	22.13	22.09		
15	1	0	64-QAM	22.37	22.38	22.16	21.48	0.1406
15	1	37		22.32	22.17	22.14		
15	1	74		22.31	22.23	22.16		
15	36	0		21.28	21.18	21.09		
15	36	20		21.31	21.14	21.12		
15	36	39		21.25	21.12	21.18		
15	75	0		21.31	21.15	21.05		
15	1	0	256-QAM	19.04	19.02	18.80	18.30	0.0676
15	1	37		19.09	18.98	18.91		
15	1	74		19.14	19.08	19.20		
15	36	0		19.00	19.01	18.89		
15	36	20		19.11	19.04	18.91		
15	36	39		19.10	18.97	18.95		
15	75	0		19.06	18.86	18.98		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.07	24.08	23.95	23.20	0.2089
10	1	25		24.10	24.01	23.90		
10	1	49		24.04	24.03	23.98		
10	25	0		23.26	23.16	23.11		
10	25	12		23.28	23.15	23.07		
10	25	25		23.30	23.19	23.07		
10	50	0		23.30	23.25	23.10		
10	1	0	16-QAM	23.48	23.42	23.32	22.58	0.1811
10	1	25		23.42	23.34	23.25		
10	1	49		23.41	23.30	23.26		
10	25	0		22.32	22.22	22.14		
10	25	12		22.23	22.25	22.07		
10	25	25		22.28	22.20	22.08		
10	50	0		22.29	22.18	22.18		
10	1	0	64-QAM	22.33	22.31	22.19	21.46	0.1400
10	1	25		22.34	22.20	22.20		
10	1	49		22.36	22.20	22.25		
10	25	0		21.23	21.21	21.06		
10	25	12		21.35	21.19	21.15		
10	25	25		21.34	21.16	21.09		
10	50	0		21.37	21.29	21.16		
10	1	0	256-QAM	19.01	19.05	18.88	18.26	0.0670
10	1	25		19.08	18.98	18.89		
10	1	49		19.14	19.07	19.14		
10	25	0		19.16	18.94	18.87		
10	25	12		19.10	18.94	19.04		
10	25	25		19.10	19.02	19.03		
10	50	0		19.04	18.87	19.00		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.07	24.07	24.02	23.19	0.2084
5	1	12		24.06	24.01	24.09		
5	1	24		24.04	24.04	23.96		
5	12	0		23.33	23.24	23.09		
5	12	7		23.36	23.28	23.19		
5	12	13		23.34	23.24	23.12		
5	25	0		23.33	23.24	23.19		
5	1	0	16-QAM	23.46	23.40	23.29	22.59	0.1816
5	1	12		23.49	23.35	23.23		
5	1	24		23.47	23.33	23.26		
5	12	0		22.36	22.19	22.22		
5	12	7		22.35	22.24	22.17		
5	12	13		22.35	22.25	22.20		
5	25	0		22.31	22.20	22.16		
5	1	0	64-QAM	22.49	22.31	22.35	21.59	0.1442
5	1	12		22.42	22.35	22.28		
5	1	24		22.44	22.31	22.21		
5	12	0		21.38	21.24	21.15		
5	12	7		21.30	21.30	21.14		
5	12	13		21.36	21.28	21.16		
5	25	0		21.36	21.21	21.19		
5	1	0	256-QAM	19.05	19.03	18.93	18.28	0.0673
5	1	12		19.15	19.07	18.91		
5	1	24		19.18	19.04	19.08		
5	12	0		19.11	18.93	18.94		
5	12	7		19.10	18.99	19.01		
5	12	13		19.16	18.94	18.97		
5	25	0		19.14	18.94	19.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.10	24.06	24.03	23.20	0.2089
3	1	8		24.07	24.07	23.93		
3	1	14		24.09	24.07	24.02		
3	8	0		23.26	23.09	23.06		
3	8	4		23.30	23.09	23.11		
3	8	7		23.29	23.13	23.12		
3	15	0		23.24	23.09	23.04		
3	1	0	16-QAM	23.39	23.34	23.22	22.50	0.1778
3	1	8		23.34	23.26	23.13		
3	1	14		23.40	23.29	23.16		
3	8	0		22.29	22.16	22.16		
3	8	4		22.24	22.20	22.13		
3	8	7		22.37	22.19	22.08		
3	15	0		22.31	22.17	22.10		
3	1	0	64-QAM	22.33	22.28	22.27	21.52	0.1419
3	1	8		22.32	22.18	22.09		
3	1	14		22.42	22.23	22.17		
3	8	0		21.26	21.15	21.13		
3	8	4		21.23	21.20	21.12		
3	8	7		21.22	21.21	21.10		
3	15	0		21.23	21.16	21.11		
3	1	0	256-QAM	19.09	18.99	18.89	18.23	0.0665
3	1	8		19.07	19.04	18.99		
3	1	14		19.09	19.02	19.07		
3	8	0		19.06	18.90	18.86		
3	8	4		19.12	19.00	18.93		
3	8	7		19.09	19.01	18.94		
3	15	0		19.13	18.92	18.99		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.06	24.07	24.03	23.17	0.2075
1.4	1	3		24.05	23.98	23.94		
1.4	1	5		24.01	24.05	23.93		
1.4	3	0		24.03	24.05	24.03		
1.4	3	1		24.07	24.00	24.02		
1.4	3	3		24.06	24.02	23.96		
1.4	6	0		23.19	23.06	22.98		
1.4	1	0	16-QAM	23.44	23.27	23.21	22.58	0.1811
1.4	1	3		23.31	23.14	23.11		
1.4	1	5		23.48	23.24	23.12		
1.4	3	0		23.27	23.17	23.07		
1.4	3	1		23.30	23.17	23.04		
1.4	3	3		23.30	23.20	22.96		
1.4	6	0		22.30	22.13	22.04		
1.4	1	0	64-QAM	22.30	22.21	22.12	21.44	0.1393
1.4	1	3		22.34	22.05	22.09		
1.4	1	5		22.32	22.22	22.15		
1.4	3	0		22.26	22.16	21.97		
1.4	3	1		22.27	22.19	22.12		
1.4	3	3		22.34	22.14	22.07		
1.4	6	0		21.19	21.17	21.09		
1.4	1	0	256-QAM	18.99	18.96	18.88	18.26	0.0670
1.4	1	3		19.05	19.09	18.89		
1.4	1	5		19.07	19.08	19.07		
1.4	3	0		19.02	19.02	18.97		
1.4	3	1		19.03	19.01	18.96		
1.4	3	3		19.09	18.89	18.93		
1.4	6	0		19.16	18.93	18.90		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.05	24.16	23.94	23.26	0.2118
20	1	49		24.01	24.05	23.83		
20	1	99		24.04	24.00	23.80		
20	50	0		23.28	23.29	23.01		
20	50	24		23.27	23.18	22.99		
20	50	50		23.25	23.22	23.00		
20	100	0		23.30	23.34	22.96		
20	1	0	16-QAM	23.34	23.33	22.98	22.45	0.1758
20	1	49		23.35	23.25	23.00		
20	1	99		23.32	23.17	22.80		
20	50	0		22.32	22.19	21.87		
20	50	24		22.37	22.23	21.96		
20	50	50		22.38	22.26	21.99		
20	100	0		22.35	22.26	21.91		
20	1	0	64-QAM	22.39	22.41	21.93	21.52	0.1419
20	1	49		22.40	22.37	22.01		
20	1	99		22.42	22.33	21.82		
20	50	0		21.43	21.29	20.90		
20	50	24		21.47	21.34	21.02		
20	50	50		21.51	21.35	21.03		
20	100	0		21.48	21.33	21.00		
20	1	0	256-QAM	19.03	18.99	18.92	18.25	0.0668
20	1	49		19.05	19.05	19.00		
20	1	99		19.14	19.12	19.15		
20	50	0		19.02	18.90	18.97		
20	50	24		19.06	18.99	18.91		
20	50	50		19.15	18.91	19.03		
20	100	0		19.07	18.93	18.93		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.01	24.15	23.91	23.25	0.2113
15	1	37		23.95	24.00	23.79		
15	1	74		23.98	23.94	23.70		
15	36	0		23.22	23.29	23.00		
15	36	20		23.25	23.11	22.91		
15	36	39		23.18	23.20	22.90		
15	75	0		23.20	23.34	22.93		
15	1	0	16-QAM	23.27	23.31	22.92	22.41	0.1742
15	1	37		23.28	23.22	22.92		
15	1	74		23.25	23.15	22.74		
15	36	0		22.24	22.16	21.84		
15	36	20		22.31	22.13	21.92		
15	36	39		22.28	22.16	21.91		
15	75	0		22.28	22.24	21.91		
15	1	0	64-QAM	22.37	22.31	21.88	21.47	0.1403
15	1	37		22.31	22.29	21.94		
15	1	74		22.35	22.33	21.76		
15	36	0		21.33	21.19	20.81		
15	36	20		21.47	21.33	20.95		
15	36	39		21.42	21.35	21.02		
15	75	0		21.47	21.24	20.97		
15	1	0	256-QAM	19.02	18.96	18.91	18.31	0.0678
15	1	37		19.10	19.00	18.97		
15	1	74		19.21	19.13	19.14		
15	36	0		19.05	18.97	18.94		
15	36	20		19.08	19.01	18.99		
15	36	39		19.18	18.98	19.08		
15	75	0		19.15	18.90	18.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.97	24.15	23.89	23.25	0.2113
10	1	25		24.01	24.04	23.79		
10	1	49		23.95	23.94	23.74		
10	25	0		23.20	23.20	22.97		
10	25	12		23.22	23.08	22.94		
10	25	25		23.23	23.16	22.91		
10	50	0		23.30	23.30	22.88		
10	1	0	16-QAM	23.26	23.30	22.95	22.45	0.1758
10	1	25		23.35	23.15	22.96		
10	1	49		23.29	23.14	22.71		
10	25	0		22.30	22.13	21.84		
10	25	12		22.32	22.14	21.92		
10	25	25		22.28	22.19	21.92		
10	50	0		22.32	22.22	21.82		
10	1	0	64-QAM	22.36	22.35	21.87	21.50	0.1413
10	1	25		22.31	22.27	21.98		
10	1	49		22.40	22.33	21.80		
10	25	0		21.39	21.22	20.90		
10	25	12		21.42	21.31	21.02		
10	25	25		21.46	21.29	21.03		
10	50	0		21.48	21.26	20.92		
10	1	0	256-QAM	19.04	18.95	18.86	18.27	0.0671
10	1	25		19.02	19.02	18.91		
10	1	49		19.14	19.12	19.17		
10	25	0		19.05	18.96	18.95		
10	25	12		19.01	19.00	18.96		
10	25	25		19.12	18.97	19.01		
10	50	0		19.08	18.97	18.97		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.99	24.15	23.93	23.25	0.2113
5	1	12		23.96	24.02	23.83		
5	1	24		23.96	24.00	23.72		
5	12	0		23.24	23.23	22.92		
5	12	7		23.26	23.15	22.94		
5	12	13		23.24	23.17	22.96		
5	25	0		23.20	23.32	22.96		
5	1	0	16-QAM	23.25	23.29	22.95	22.39	0.1734
5	1	12		23.26	23.15	22.95		
5	1	24		23.22	23.11	22.75		
5	12	0		22.28	22.09	21.84		
5	12	7		22.33	22.20	21.94		
5	12	13		22.36	22.21	21.92		
5	25	0		22.27	22.22	21.91		
5	1	0	64-QAM	22.33	22.39	21.91	21.51	0.1416
5	1	12		22.32	22.30	21.98		
5	1	24		22.41	22.31	21.77		
5	12	0		21.38	21.21	20.87		
5	12	7		21.38	21.33	20.98		
5	12	13		21.42	21.35	21.02		
5	25	0		21.45	21.32	20.92		
5	1	0	256-QAM	19.02	19.04	18.82	18.32	0.0679
5	1	12		19.04	18.98	18.96		
5	1	24		19.22	19.11	19.07		
5	12	0		19.11	18.92	18.94		
5	12	7		19.04	18.95	18.99		
5	12	13		19.12	18.98	19.09		
5	25	0		19.08	18.93	18.88		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.99	24.14	23.89	23.24	0.2109
3	1	8		23.96	23.95	23.82		
3	1	14		23.95	23.99	23.75		
3	8	0		23.20	23.20	22.98		
3	8	4		23.21	23.09	22.90		
3	8	7		23.18	23.20	22.95		
3	15	0		23.27	23.30	22.88		
3	1	0	16-QAM	23.27	23.33	22.93	22.43	0.1750
3	1	8		23.33	23.25	22.98		
3	1	14		23.32	23.07	22.80		
3	8	0		22.24	22.16	21.87		
3	8	4		22.37	22.16	21.90		
3	8	7		22.36	22.19	21.99		
3	15	0		22.29	22.22	21.89		
3	1	0	64-QAM	22.32	22.31	21.83	21.49	0.1409
3	1	8		22.37	22.29	22.00		
3	1	14		22.39	22.32	21.75		
3	8	0		21.36	21.22	20.83		
3	8	4		21.41	21.25	20.95		
3	8	7		21.43	21.28	21.00		
3	15	0		21.40	21.31	20.90		
3	1	0	256-QAM	19.01	18.96	18.88	18.24	0.0667
3	1	8		19.08	19.03	18.99		
3	1	14		19.14	19.09	19.12		
3	8	0		19.02	18.98	19.00		
3	8	4		19.07	18.96	18.89		
3	8	7		19.13	18.92	19.11		
3	15	0		19.14	18.91	18.94		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.97	24.04	24.02	23.14	0.2061
1.4	1	3		24.04	23.92	23.91		
1.4	1	5		23.97	23.99	23.88		
1.4	3	0		24.02	23.96	24.00		
1.4	3	1		24.02	23.90	24.02		
1.4	3	3		23.96	23.99	23.93		
1.4	6	0		23.19	23.00	22.98		
1.4	1	0	16-QAM	23.39	23.24	23.21	22.57	0.1807
1.4	1	3		23.22	23.08	23.09		
1.4	1	5		23.47	23.21	23.10		
1.4	3	0		23.21	23.16	23.07		
1.4	3	1		23.25	23.13	22.98		
1.4	3	3		23.21	23.10	22.87		
1.4	6	0		22.29	22.08	22.00		
1.4	1	0	64-QAM	22.28	22.14	22.03	21.41	0.1384
1.4	1	3		22.31	21.97	22.08		
1.4	1	5		22.29	22.14	22.14		
1.4	3	0		22.20	22.16	21.87		
1.4	3	1		22.21	22.11	22.07		
1.4	3	3		22.26	22.13	22.03		
1.4	6	0		21.18	21.14	21.08		
1.4	1	0	256-QAM	18.91	18.93	18.79	18.19	0.0659
1.4	1	3		18.96	19.09	18.79		
1.4	1	5		18.98	19.04	19.00		
1.4	3	0		18.95	18.96	18.88		
1.4	3	1		19.02	19.01	18.93		
1.4	3	3		19.01	18.81	18.85		
1.4	6	0		19.08	18.90	18.85		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.14	24.15	23.87	23.85	0.2427
20	1	49		24.10	23.91	23.85		
20	1	99		24.12	23.88	23.82		
20	50	0		23.23	23.24	23.02		
20	50	24		23.18	23.06	23.01		
20	50	50		23.22	23.09	22.95		
20	100	0		23.20	23.22	22.99		
20	1	0	16-QAM	23.33	23.29	23.19	23.13	0.2056
20	1	49		23.43	23.24	23.08		
20	1	99		23.36	23.17	23.09		
20	50	0		22.19	22.09	21.97		
20	50	24		22.16	22.08	21.99		
20	50	50		22.23	22.08	21.92		
20	100	0		22.20	22.01	21.97		
20	1	0	64-QAM	22.31	22.20	22.04	22.04	0.1600
20	1	49		22.34	22.17	22.03		
20	1	99		22.32	22.19	22.08		
20	50	0		21.15	21.08	20.98		
20	50	24		21.25	21.16	20.97		
20	50	50		21.31	21.09	20.97		
20	100	0		21.23	21.05	21.04		
20	1	0	256-QAM	19.05	18.98	18.94	18.95	0.0785
20	1	49		19.16	19.08	18.99		
20	1	99		19.25	18.98	19.12		
20	50	0		19.02	19.01	18.91		
20	50	24		19.14	18.99	18.90		
20	50	50		19.14	18.94	18.94		
20	100	0		19.08	18.99	18.90		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.05	23.99	24.02	23.81	0.2404
15	1	37		23.99	23.90	23.83		
15	1	74		24.11	23.98	23.92		
15	36	0		23.15	23.10	23.00		
15	36	20		23.16	23.12	23.00		
15	36	39		23.11	23.13	23.01		
15	75	0		23.17	23.14	23.03		
15	1	0	16-QAM	23.21	23.38	23.19	23.11	0.2046
15	1	37		23.41	23.28	23.28		
15	1	74		23.35	23.23	23.25		
15	36	0		22.17	22.06	21.99		
15	36	20		22.11	22.10	22.03		
15	36	39		22.15	22.08	21.99		
15	75	0		22.13	22.05	22.02		
15	1	0	64-QAM	22.23	22.20	22.15	21.99	0.1581
15	1	37		22.19	22.24	22.19		
15	1	74		22.29	22.23	22.14		
15	36	0		21.10	21.16	21.01		
15	36	20		21.20	21.04	21.02		
15	36	39		21.20	21.07	21.01		
15	75	0		21.20	21.15	21.02		
15	1	0	256-QAM	19.04	18.96	18.88	18.93	0.0782
15	1	37		19.08	19.06	19.02		
15	1	74		19.23	18.93	19.08		
15	36	0		18.99	19.02	18.84		
15	36	20		19.09	18.92	18.90		
15	36	39		19.14	18.97	18.94		
15	75	0		19.02	18.95	18.83		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.04	24.02	24.03	23.81	0.2404
10	1	25		23.96	23.86	23.85		
10	1	49		24.06	24.11	23.88		
10	25	0		23.14	23.13	23.02		
10	25	12		23.22	23.13	23.04		
10	25	25		23.18	23.14	22.99		
10	50	0		23.21	23.15	23.05		
10	1	0	16-QAM	23.37	23.48	23.34	23.18	0.2080
10	1	25		23.36	23.31	23.26		
10	1	49		23.35	23.34	23.35		
10	25	0		22.21	22.13	22.06		
10	25	12		22.18	22.12	22.04		
10	25	25		22.24	22.14	21.98		
10	50	0		22.25	22.14	22.12		
10	1	0	64-QAM	22.41	22.34	22.16	22.13	0.1633
10	1	25		22.36	22.28	22.12		
10	1	49		22.43	22.29	22.30		
10	25	0		21.22	21.15	21.10		
10	25	12		21.14	21.16	21.06		
10	25	25		21.22	21.19	21.01		
10	50	0		21.21	21.19	21.16		
10	1	0	256-QAM	19.02	18.93	19.00	18.85	0.0767
10	1	25		19.13	19.10	19.01		
10	1	49		19.15	18.90	19.06		
10	25	0		18.98	18.93	18.87		
10	25	12		19.15	19.05	18.89		
10	25	25		19.08	18.89	18.88		
10	50	0		19.02	18.92	18.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.03	24.06	24.10	23.80	0.2399
5	1	12		24.09	24.06	24.08		
5	1	24		24.07	24.06	23.97		
5	12	0		23.16	23.12	23.04		
5	12	7		23.18	23.19	23.11		
5	12	13		23.15	23.20	23.11		
5	25	0		23.24	23.13	23.09		
5	1	0	16-QAM	23.37	23.37	23.37	23.11	0.2046
5	1	12		23.35	23.41	23.25		
5	1	24		23.40	23.32	23.30		
5	12	0		22.26	22.22	22.13		
5	12	7		22.32	22.24	22.18		
5	12	13		22.21	22.27	22.15		
5	25	0		22.21	22.13	22.13		
5	1	0	64-QAM	22.36	22.26	22.30	22.19	0.1656
5	1	12		22.49	22.33	22.21		
5	1	24		22.41	22.33	22.24		
5	12	0		21.25	21.16	21.09		
5	12	7		21.27	21.22	21.15		
5	12	13		21.22	21.18	21.17		
5	25	0		21.20	21.18	21.11		
5	1	0	256-QAM	19.02	19.04	18.95	18.86	0.0769
5	1	12		19.09	19.01	18.96		
5	1	24		19.14	18.95	19.09		
5	12	0		18.97	18.97	18.87		
5	12	7		19.04	18.93	18.86		
5	12	13		19.16	18.94	18.85		
5	25	0		19.01	18.91	18.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.06	24.05	24.07	23.83	0.2415
3	1	8		24.08	23.94	23.95		
3	1	14		24.13	24.01	23.92		
3	8	0		23.08	23.04	22.98		
3	8	4		23.14	23.03	23.04		
3	8	7		23.13	23.14	23.08		
3	15	0		23.14	23.03	23.01		
3	1	0	16-QAM	23.33	23.29	23.28	23.08	0.2032
3	1	8		23.31	23.21	23.23		
3	1	14		23.38	23.20	23.25		
3	8	0		22.12	22.08	22.05		
3	8	4		22.21	22.14	22.05		
3	8	7		22.17	22.10	22.13		
3	15	0		22.12	22.07	22.03		
3	1	0	64-QAM	22.25	22.25	22.12	21.95	0.1567
3	1	8		22.17	22.17	22.08		
3	1	14		22.25	22.15	22.12		
3	8	0		21.15	21.14	21.05		
3	8	4		21.17	21.16	21.08		
3	8	7		21.13	21.14	21.06		
3	15	0		21.12	21.09	21.09		
3	1	0	256-QAM	19.08	18.89	19.00	18.90	0.0776
3	1	8		19.05	19.05	18.93		
3	1	14		19.20	19.05	19.07		
3	8	0		19.02	19.02	18.87		
3	8	4		19.02	19.06	18.90		
3	8	7		19.05	18.87	18.90		
3	15	0		19.01	18.92	18.93		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.11	24.01	23.99	23.81	0.2404
1.4	1	3		24.02	23.95	23.88		
1.4	1	5		24.08	24.02	23.94		
1.4	3	0		24.11	23.98	23.95		
1.4	3	1		24.09	24.02	24.01		
1.4	3	3		24.03	23.93	23.91		
1.4	6	0		23.15	22.97	22.95		
1.4	1	0	16-QAM	23.40	23.26	23.15	23.10	0.2042
1.4	1	3		23.24	23.17	23.14		
1.4	1	5		23.33	23.29	23.21		
1.4	3	0		23.18	23.10	23.13		
1.4	3	1		23.22	23.16	23.04		
1.4	3	3		23.22	23.18	23.01		
1.4	6	0		22.16	22.14	22.09		
1.4	1	0	64-QAM	22.19	22.13	22.11	21.93	0.1560
1.4	1	3		22.11	22.04	22.00		
1.4	1	5		22.23	22.20	22.07		
1.4	3	0		22.16	22.05	22.13		
1.4	3	1		22.18	22.16	22.03		
1.4	3	3		22.13	22.20	22.13		
1.4	6	0		21.14	21.04	21.01		
1.4	1	0	256-QAM	19.03	18.95	18.86	18.91	0.0778
1.4	1	3		19.15	18.95	19.03		
1.4	1	5		19.21	18.99	19.08		
1.4	3	0		18.99	18.97	18.86		
1.4	3	1		19.12	19.04	18.84		
1.4	3	3		19.14	18.84	18.90		
1.4	6	0		19.06	19.03	18.77		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.64	24.71	24.63	19.66	0.0925
10	1	25		24.63	24.61	24.43		
10	1	49		24.62	24.62	24.47		
10	25	0		23.71	23.75	23.56		
10	25	12		23.68	23.71	23.54		
10	25	25		23.70	23.74	23.55		
10	50	0		23.66	23.72	23.62		
10	1	0	16-QAM	23.98	23.87	23.89	18.93	0.0782
10	1	25		23.87	23.83	23.88		
10	1	49		23.91	23.94	23.75		
10	25	0		22.67	22.64	22.55		
10	25	12		22.69	22.59	22.60		
10	25	25		22.73	22.62	22.53		
10	50	0		22.80	22.66	22.60		
10	1	0	64-QAM	22.88	22.80	22.88	17.90	0.0617
10	1	25		22.94	22.68	22.87		
10	1	49		22.95	22.89	22.73		
10	25	0		21.76	21.69	21.59		
10	25	12		21.72	21.70	21.61		
10	25	25		21.69	21.68	21.59		
10	50	0		21.76	21.77	21.60		
10	1	0	256-QAM	20.00	19.96	20.01	14.96	0.0313
10	1	25		19.90	19.80	19.87		
10	1	49		19.97	19.77	19.85		
10	25	0		19.91	19.78	19.79		
10	25	12		19.83	19.76	19.78		
10	25	25		19.84	19.72	19.77		
10	50	0		19.92	19.75	19.79		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.70	24.70	24.61	19.65	0.0923
5	1	12		24.70	24.64	24.50		
5	1	24		24.69	24.59	24.42		
5	12	0		23.80	23.68	23.55		
5	12	7		23.77	23.67	23.58		
5	12	13		23.71	23.65	23.60		
5	25	0		23.74	23.70	23.61		
5	1	0	16-QAM	24.04	23.93	23.87	18.99	0.0793
5	1	12		24.01	24.03	23.90		
5	1	24		23.97	23.85	23.79		
5	12	0		22.75	22.74	22.68		
5	12	7		22.74	22.79	22.68		
5	12	13		22.71	22.73	22.60		
5	25	0		22.76	22.68	22.58		
5	1	0	64-QAM	22.88	22.91	22.86	17.93	0.0621
5	1	12		22.86	22.91	22.83		
5	1	24		22.98	22.76	22.72		
5	12	0		21.73	21.73	21.62		
5	12	7		21.80	21.73	21.72		
5	12	13		21.77	21.82	21.65		
5	25	0		21.81	21.73	21.69		
5	1	0	256-QAM	19.99	19.83	20.01	14.96	0.0313
5	1	12		19.89	19.75	19.74		
5	1	24		19.86	19.73	19.84		
5	12	0		19.87	19.67	19.72		
5	12	7		19.92	19.70	19.76		
5	12	13		19.87	19.76	19.75		
5	25	0		19.81	19.77	19.80		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.65	24.56	24.54	19.60	0.0912
3	1	8		24.63	24.55	24.43		
3	1	14		24.65	24.52	24.41		
3	8	0		23.72	23.52	23.47		
3	8	4		23.68	23.54	23.47		
3	8	7		23.72	23.55	23.54		
3	15	0		23.71	23.57	23.48		
3	1	0	16-QAM	23.91	23.82	23.72	18.93	0.0782
3	1	8		23.86	23.79	23.60		
3	1	14		23.98	23.84	23.66		
3	8	0		22.61	22.67	22.52		
3	8	4		22.70	22.72	22.55		
3	8	7		22.75	22.75	22.58		
3	15	0		22.66	22.63	22.58		
3	1	0	64-QAM	22.80	22.78	22.73	17.80	0.0603
3	1	8		22.85	22.74	22.66		
3	1	14		22.76	22.76	22.69		
3	8	0		21.62	21.63	21.55		
3	8	4		21.74	21.67	21.56		
3	8	7		21.76	21.66	21.58		
3	15	0		21.64	21.61	21.59		
3	1	0	256-QAM	19.93	19.86	19.92	14.88	0.0308
3	1	8		19.88	19.75	19.81		
3	1	14		19.85	19.74	19.77		
3	8	0		19.87	19.80	19.80		
3	8	4		19.79	19.71	19.75		
3	8	7		19.81	19.69	19.67		
3	15	0		19.86	19.79	19.80		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.68	24.59	24.43	19.66	0.0925
1.4	1	3		24.58	24.50	24.39		
1.4	1	5		24.56	24.52	24.39		
1.4	3	0		24.61	24.60	24.44		
1.4	3	1		24.71	24.59	24.45		
1.4	3	3		24.63	24.56	24.39		
1.4	6	0		23.57	23.60	23.44		
1.4	1	0	16-QAM	23.85	23.82	23.67	18.80	0.0759
1.4	1	3		23.78	23.71	23.58		
1.4	1	5		23.83	23.81	23.57		
1.4	3	0		23.72	23.59	23.53		
1.4	3	1		23.72	23.73	23.58		
1.4	3	3		23.72	23.73	23.53		
1.4	6	0		22.68	22.64	22.44		
1.4	1	0	64-QAM	22.80	22.81	22.66	17.79	0.0601
1.4	1	3		22.75	22.68	22.58		
1.4	1	5		22.84	22.73	22.64		
1.4	3	0		22.71	22.63	22.54		
1.4	3	1		22.80	22.68	22.65		
1.4	3	3		22.74	22.67	22.64		
1.4	6	0		21.63	21.68	21.55		
1.4	1	0	256-QAM	19.87	19.92	19.87	14.87	0.0307
1.4	1	3		19.88	19.82	19.85		
1.4	1	5		19.87	19.75	19.82		
1.4	3	0		19.91	19.74	19.78		
1.4	3	1		19.79	19.68	19.76		
1.4	3	3		19.83	19.64	19.78		
1.4	6	0		19.86	19.80	19.76		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.35	24.40	24.34	25.00	0.3162
20	1	49		24.34	24.32	24.27		
20	1	99		24.29	24.32	24.33		
20	50	0		23.26	23.32	23.27		
20	50	24		23.22	23.20	23.26		
20	50	50		23.25	23.28	23.23		
20	100	0		23.19	23.22	23.17		
20	1	0	16-QAM	23.30	23.32	23.43	24.03	0.2529
20	1	49		23.25	23.37	23.30		
20	1	99		23.37	23.40	23.35		
20	50	0		22.19	22.17	22.21		
20	50	24		22.29	22.20	22.29		
20	50	50		22.22	22.29	22.26		
20	100	0		22.17	22.19	22.17		
20	1	0	64-QAM	22.30	22.30	22.31	23.02	0.2004
20	1	49		22.20	22.28	22.25		
20	1	99		22.25	22.42	22.39		
20	50	0		21.23	21.21	21.30		
20	50	24		21.30	21.24	21.34		
20	50	50		21.25	21.32	21.25		
20	100	0		21.32	21.22	21.29		
20	1	0	256-QAM	19.26	19.22	19.24	19.87	0.0971
20	1	49		19.19	19.04	19.07		
20	1	99		19.15	19.06	19.12		
20	50	0		19.23	19.04	19.10		
20	50	24		19.27	19.02	19.12		
20	50	50		19.14	18.93	19.07		
20	100	0		19.16	19.07	19.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.03	24.14	24.09	24.74	0.2979
15	1	37		24.04	24.04	24.08		
15	1	74		24.11	24.09	24.11		
15	36	0		23.23	23.16	23.22		
15	36	20		23.22	23.24	23.21		
15	36	39		23.27	23.27	23.22		
15	75	0		23.25	23.19	23.24		
15	1	0	16-QAM	23.33	23.39	23.35	24.11	0.2576
15	1	37		23.43	23.51	23.35		
15	1	74		23.37	23.50	23.40		
15	36	0		22.18	22.18	22.23		
15	36	20		22.12	22.17	22.20		
15	36	39		22.14	22.20	22.29		
15	75	0		22.18	22.27	22.31		
15	1	0	64-QAM	22.20	22.24	22.29	22.97	0.1982
15	1	37		22.24	22.31	22.21		
15	1	74		22.22	22.37	22.36		
15	36	0		21.14	21.18	21.21		
15	36	20		21.25	21.24	21.28		
15	36	39		21.20	21.24	21.27		
15	75	0		21.24	21.23	21.22		
15	1	0	256-QAM	19.21	19.14	19.15	19.81	0.0957
15	1	37		19.17	19.01	19.00		
15	1	74		19.05	18.95	19.07		
15	36	0		19.21	19.01	19.10		
15	36	20		19.17	18.98	19.05		
15	36	39		19.02	18.95	19.04		
15	75	0		19.08	19.06	19.00		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.09	24.08	24.10	24.79	0.3013
10	1	25		24.06	24.05	24.07		
10	1	49		24.19	24.09	24.07		
10	25	0		23.20	23.27	23.27		
10	25	12		23.30	23.23	23.25		
10	25	25		23.31	23.25	23.28		
10	50	0		23.31	23.33	23.35		
10	1	0	16-QAM	23.47	23.42	23.43	24.09	0.2564
10	1	25		23.38	23.34	23.34		
10	1	49		23.39	23.49	23.47		
10	25	0		22.20	22.21	22.20		
10	25	12		22.22	22.31	22.26		
10	25	25		22.29	22.32	22.26		
10	50	0		22.30	22.39	22.37		
10	1	0	64-QAM	22.39	22.39	22.28	23.10	0.2042
10	1	25		22.35	22.48	22.39		
10	1	49		22.46	22.50	22.44		
10	25	0		21.26	21.26	21.30		
10	25	12		21.28	21.23	21.23		
10	25	25		21.33	21.33	21.26		
10	50	0		21.32	21.38	21.32		
10	1	0	256-QAM	19.28	19.18	19.17	19.88	0.0973
10	1	25		19.10	19.06	19.01		
10	1	49		19.15	18.95	18.99		
10	25	0		19.13	19.12	19.08		
10	25	12		19.13	19.05	19.14		
10	25	25		19.02	18.91	19.03		
10	50	0		19.02	19.02	19.01		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.07	24.08	24.09	24.79	0.3013
5	1	12		24.19	24.09	24.15		
5	1	24		24.15	24.14	24.13		
5	12	0		23.23	23.25	23.24		
5	12	7		23.24	23.25	23.31		
5	12	13		23.30	23.32	23.31		
5	25	0		23.30	23.31	23.29		
5	1	0	16-QAM	23.45	23.48	23.43	24.08	0.2559
5	1	12		23.40	23.45	23.35		
5	1	24		23.38	23.47	23.44		
5	12	0		22.21	22.30	22.31		
5	12	7		22.25	22.33	22.35		
5	12	13		22.26	22.28	22.35		
5	25	0		22.26	22.30	22.27		
5	1	0	64-QAM	22.39	22.44	22.27	23.08	0.2032
5	1	12		22.38	22.46	22.31		
5	1	24		22.46	22.48	22.38		
5	12	0		21.32	21.33	21.24		
5	12	7		21.24	21.29	21.27		
5	12	13		21.32	21.28	21.35		
5	25	0		21.30	21.31	21.34		
5	1	0	256-QAM	19.14	19.16	19.20	19.80	0.0955
5	1	12		19.11	18.96	19.07		
5	1	24		19.07	18.98	19.00		
5	12	0		19.16	18.98	19.11		
5	12	7		19.12	19.08	19.08		
5	12	13		19.13	18.96	18.97		
5	25	0		19.12	18.92	19.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 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	24.31	24.34	24.31	17.59	0.0574
10	1	25		24.16	24.24	24.21		
10	1	49		24.30	24.30	24.22		
10	25	0		23.35	23.40	23.37		
10	25	12		23.34	23.33	23.35		
10	25	25		23.28	23.38	23.36		
10	50	0		23.32	23.35	23.34		
10	1	0	16-QAM	23.51	23.66	23.67	16.96	0.0497
10	1	25		23.56	23.71	23.60		
10	1	49		23.66	23.68	23.64		
10	25	0		22.31	22.33	22.30		
10	25	12		22.33	22.47	22.40		
10	25	25		22.37	22.47	22.43		
10	50	0		22.32	22.48	22.38		
10	1	0	64-QAM	22.58	22.56	22.62	15.88	0.0387
10	1	25		22.43	22.61	22.52		
10	1	49		22.63	22.63	22.62		
10	25	0		21.36	21.34	21.37		
10	25	12		21.41	21.37	21.38		
10	25	25		21.40	21.47	21.47		
10	50	0		21.43	21.54	21.46		
10	1	0	256-QAM	19.65	19.72	19.74	12.99	0.0199
10	1	25		19.48	19.62	19.66		
10	1	49		19.59	19.59	19.59		
10	25	0		19.52	19.71	19.68		
10	25	12		19.50	19.62	19.58		
10	25	25		19.53	19.62	19.62		
10	50	0		19.62	19.59	19.74		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 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	24.32	24.30	24.28	17.58	0.0573
5	1	12		24.31	24.29	24.33		
5	1	24		24.29	24.29	24.23		
5	12	0		23.30	23.41	23.36		
5	12	7		23.37	23.40	23.41		
5	12	13		23.39	23.44	23.38		
5	25	0		23.33	23.38	23.34		
5	1	0	16-QAM	23.68	23.73	23.65	17.03	0.0505
5	1	12		23.68	23.78	23.67		
5	1	24		23.71	23.70	23.58		
5	12	0		22.44	22.39	22.43		
5	12	7		22.47	22.46	22.39		
5	12	13		22.46	22.52	22.43		
5	25	0		22.43	22.42	22.34		
5	1	0	64-QAM	22.58	22.55	22.49	15.92	0.0391
5	1	12		22.65	22.67	22.49		
5	1	24		22.66	22.65	22.45		
5	12	0		21.50	21.51	21.38		
5	12	7		21.49	21.47	21.46		
5	12	13		21.50	21.48	21.48		
5	25	0		21.41	21.44	21.43		
5	1	0	256-QAM	19.59	19.60	19.72	12.97	0.0198
5	1	12		19.50	19.59	19.60		
5	1	24		19.46	19.49	19.58		
5	12	0		19.55	19.62	19.65		
5	12	7		19.49	19.59	19.51		
5	12	13		19.45	19.53	19.60		
5	25	0		19.53	19.54	19.63		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 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	24.20	24.29	24.21	17.55	0.0569
3	1	8		24.22	24.27	24.17		
3	1	14		24.26	24.30	24.27		
3	8	0		23.32	23.37	23.35		
3	8	4		23.24	23.38	23.34		
3	8	7		23.31	23.39	23.32		
3	15	0		23.31	23.38	23.33		
3	1	0	16-QAM	23.56	23.61	23.54	16.86	0.0485
3	1	8		23.59	23.59	23.57		
3	1	14		23.54	23.59	23.51		
3	8	0		22.46	22.42	22.32		
3	8	4		22.42	22.40	22.37		
3	8	7		22.52	22.45	22.41		
3	15	0		22.41	22.43	22.35		
3	1	0	64-QAM	22.43	22.55	22.52	15.80	0.0380
3	1	8		22.49	22.52	22.52		
3	1	14		22.53	22.50	22.46		
3	8	0		21.45	21.38	21.38		
3	8	4		21.46	21.47	21.40		
3	8	7		21.46	21.47	21.33		
3	15	0		21.41	21.41	21.33		
3	1	0	256-QAM	19.58	19.67	19.67	12.93	0.0196
3	1	8		19.46	19.58	19.64		
3	1	14		19.55	19.53	19.53		
3	8	0		19.53	19.65	19.66		
3	8	4		19.45	19.61	19.45		
3	8	7		19.45	19.56	19.47		
3	15	0		19.52	19.63	19.68		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 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	24.30	24.33	24.27	17.58	0.0573
1.4	1	3		24.19	24.27	24.20		
1.4	1	5		24.33	24.31	24.22		
1.4	3	0		24.30	24.33	24.17		
1.4	3	1		24.31	24.33	24.24		
1.4	3	3		24.27	24.22	24.16		
1.4	6	0		23.27	23.29	23.18		
1.4	1	0	16-QAM	23.47	23.53	23.49	16.87	0.0486
1.4	1	3		23.42	23.53	23.39		
1.4	1	5		23.62	23.57	23.49		
1.4	3	0		23.44	23.41	23.30		
1.4	3	1		23.46	23.48	23.30		
1.4	3	3		23.44	23.39	23.35		
1.4	6	0		22.30	22.30	22.27		
1.4	1	0	64-QAM	22.47	22.51	22.48	15.80	0.0380
1.4	1	3		22.38	22.31	22.27		
1.4	1	5		22.55	22.43	22.42		
1.4	3	0		22.47	22.37	22.35		
1.4	3	1		22.52	22.50	22.38		
1.4	3	3		22.43	22.41	22.31		
1.4	6	0		21.37	21.33	21.32		
1.4	1	0	256-QAM	19.51	19.61	19.70	12.95	0.0197
1.4	1	3		19.40	19.52	19.59		
1.4	1	5		19.56	19.65	19.58		
1.4	3	0		19.56	19.62	19.61		
1.4	3	1		19.49	19.54	19.46		
1.4	3	3		19.51	19.54	19.57		
1.4	6	0		19.46	19.66	19.63		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.26	-	18.31	0.0678
10	1	25			24.20			
10	1	49			24.25			
10	25	0			23.36			
10	25	12			23.34			
10	25	25			23.33			
10	50	0			23.42			
10	1	0	16-QAM		23.59		17.64	0.0581
10	1	25			23.52			
10	1	49			23.59			
10	25	0			22.38			
10	25	12			22.38			
10	25	25			22.38			
10	50	0			22.41			
10	1	0	64-QAM		22.54		16.65	0.0462
10	1	25			22.52			
10	1	49			22.60			
10	25	0			21.37			
10	25	12			21.40			
10	25	25			21.42			
10	50	0			21.44			
10	1	0	256-QAM		19.62		13.68	0.0233
10	1	25			19.60			
10	1	49			19.63			
10	25	0			19.58			
10	25	12			19.51			
10	25	25			19.49			
10	50	0			19.48			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.25	24.19	24.23	18.30	0.0676
5	1	12		24.15	24.20	24.24		
5	1	24		24.16	24.13	24.21		
5	12	0		23.33	23.37	23.41		
5	12	7		23.35	23.42	23.44		
5	12	13		23.34	23.37	23.41		
5	25	0		23.33	23.33	23.39		
5	1	0	16-QAM	23.52	23.70	23.70	17.77	0.0598
5	1	12		23.58	23.72	23.68		
5	1	24		23.61	23.63	23.63		
5	12	0		22.40	22.44	22.48		
5	12	7		22.44	22.47	22.51		
5	12	13		22.43	22.46	22.48		
5	25	0		22.36	22.41	22.40		
5	1	0	64-QAM	22.43	22.58	22.65	16.70	0.0468
5	1	12		22.39	22.60	22.52		
5	1	24		22.55	22.61	22.56		
5	12	0		21.40	21.43	21.46		
5	12	7		21.42	21.47	21.52		
5	12	13		21.45	21.48	21.51		
5	25	0		21.41	21.42	21.46		
5	1	0	256-QAM	19.56	19.65	19.73	13.78	0.0239
5	1	12		19.61	19.63	19.72		
5	1	24		19.52	19.56	19.59		
5	12	0		19.48	19.50	19.53		
5	12	7		19.43	19.51	19.52		
5	12	13		19.45	19.48	19.49		
5	25	0		19.44	19.45	19.46		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 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	24.31	24.32	24.30	17.57	0.0571
10	1	25		24.15	24.20	24.18		
10	1	49		24.30	24.30	24.26		
10	25	0		23.35	23.38	23.36		
10	25	12		23.34	23.35	23.34		
10	25	25		23.33	23.36	23.35		
10	50	0		23.39	23.40	23.39		
10	1	0	16-QAM	23.67	23.62	23.68	16.94	0.0494
10	1	25		23.63	23.56	23.65		
10	1	49		23.69	23.67	23.57		
10	25	0		22.36	22.38	22.34		
10	25	12		22.38	22.38	22.37		
10	25	25		22.40	22.40	22.40		
10	50	0		22.44	22.44	22.40		
10	1	0	64-QAM	22.55	22.62	22.53	15.87	0.0386
10	1	25		22.55	22.59	22.57		
10	1	49		22.58	22.56	22.48		
10	25	0		21.40	21.39	21.38		
10	25	12		21.41	21.43	21.41		
10	25	25		21.44	21.45	21.43		
10	50	0		21.50	21.48	21.47		
10	1	0	256-QAM	19.73	19.70	19.66	12.98	0.0199
10	1	25		19.60	19.56	19.52		
10	1	49		19.57	19.52	19.51		
10	25	0		19.59	19.64	19.61		
10	25	12		19.56	19.58	19.56		
10	25	25		19.53	19.56	19.53		
10	50	0		19.61	19.63	19.55		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 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	24.29	24.30	24.26	17.56	0.0570
5	1	12		24.31	24.31	24.28		
5	1	24		24.30	24.30	24.23		
5	12	0		23.33	23.39	23.27		
5	12	7		23.35	23.41	23.33		
5	12	13		23.35	23.40	23.32		
5	25	0		23.35	23.37	23.29		
5	1	0	16-QAM	23.64	23.72	23.61	16.97	0.0498
5	1	12		23.67	23.71	23.59		
5	1	24		23.64	23.64	23.53		
5	12	0		22.40	22.45	22.36		
5	12	7		22.42	22.43	22.39		
5	12	13		22.45	22.45	22.41		
5	25	0		22.38	22.39	22.36		
5	1	0	64-QAM	22.46	22.58	22.43	15.83	0.0383
5	1	12		22.36	22.53	22.43		
5	1	24		22.49	22.56	22.41		
5	12	0		21.41	21.49	21.37		
5	12	7		21.44	21.49	21.44		
5	12	13		21.46	21.47	21.44		
5	25	0		21.41	21.42	21.38		
5	1	0	256-QAM	19.63	19.62	19.58	12.88	0.0194
5	1	12		19.51	19.53	19.48		
5	1	24		19.57	19.48	19.44		
5	12	0		19.51	19.56	19.59		
5	12	7		19.53	19.49	19.48		
5	12	13		19.45	19.49	19.52		
5	25	0		19.59	19.60	19.50		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.61	24.62	24.59	19.47	0.0885
15	1	37		24.54	24.38	24.41		
15	1	74		24.51	24.50	24.39		
15	36	0		23.63	23.64	23.57		
15	36	20		23.60	23.61	23.55		
15	36	39		23.57	23.58	23.52		
15	75	0		23.58	23.59	23.54		
15	1	0	16-QAM	23.86	24.02	23.92	18.88	0.0773
15	1	37		23.82	23.93	24.03		
15	1	74		23.86	23.85	23.70		
15	36	0		22.60	22.62	22.59		
15	36	20		22.60	22.62	22.57		
15	36	39		22.60	22.60	22.57		
15	75	0		22.60	22.60	22.60		
15	1	0	64-QAM	22.68	22.81	22.80	17.69	0.0587
15	1	37		22.70	22.71	22.77		
15	1	74		22.80	22.84	22.67		
15	36	0		21.62	21.65	21.65		
15	36	20		21.63	21.67	21.65		
15	36	39		21.67	21.66	21.61		
15	75	0		21.64	21.64	21.57		
15	1	0	256-QAM	19.77	19.95	19.92	14.80	0.0302
15	1	37		19.72	19.89	19.89		
15	1	74		19.75	19.82	19.74		
15	36	0		19.73	19.84	19.82		
15	36	20		19.72	19.78	19.80		
15	36	39		19.71	19.74	19.77		
15	75	0		19.73	19.78	19.84		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.53	24.56	24.52	19.41	0.0873
10	1	25		24.41	24.43	24.35		
10	1	49		24.47	24.51	24.40		
10	25	0		23.55	23.58	23.51		
10	25	12		23.53	23.57	23.48		
10	25	25		23.51	23.55	23.47		
10	50	0		23.56	23.58	23.55		
10	1	0	16-QAM	23.81	23.90	23.83	18.75	0.0750
10	1	25		23.78	23.83	23.82		
10	1	49		23.87	23.82	23.70		
10	25	0		22.59	22.58	22.56		
10	25	12		22.54	22.60	22.54		
10	25	25		22.54	22.56	22.48		
10	50	0		22.56	22.62	22.56		
10	1	0	64-QAM	22.67	22.83	22.75	17.68	0.0586
10	1	25		22.78	22.76	22.73		
10	1	49		22.81	22.78	22.70		
10	25	0		21.60	21.61	21.57		
10	25	12		21.58	21.60	21.57		
10	25	25		21.57	21.64	21.53		
10	50	0		21.62	21.68	21.61		
10	1	0	256-QAM	19.75	19.89	19.88	14.74	0.0298
10	1	25		19.69	19.83	19.85		
10	1	49		19.66	19.74	19.66		
10	25	0		19.63	19.78	19.82		
10	25	12		19.63	19.74	19.70		
10	25	25		19.63	19.74	19.71		
10	50	0		19.63	19.76	19.74		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.52	24.54	24.50	19.42	0.0875
5	1	12		24.48	24.57	24.44		
5	1	24		24.48	24.53	24.35		
5	12	0		23.53	23.59	23.51		
5	12	7		23.56	23.61	23.52		
5	12	13		23.52	23.58	23.48		
5	25	0		23.52	23.57	23.46		
5	1	0	16-QAM	23.83	23.95	23.86	18.80	0.0759
5	1	12		23.92	23.92	23.82		
5	1	24		23.84	23.84	23.67		
5	12	0		22.59	22.60	22.59		
5	12	7		22.60	22.66	22.56		
5	12	13		22.61	22.64	22.54		
5	25	0		22.54	22.57	22.50		
5	1	0	64-QAM	22.71	22.76	22.72	17.61	0.0577
5	1	12		22.72	22.63	22.53		
5	1	24		22.71	22.70	22.61		
5	12	0		21.58	21.65	21.62		
5	12	7		21.64	21.68	21.61		
5	12	13		21.64	21.67	21.56		
5	25	0		21.58	21.62	21.52		
5	1	0	256-QAM	19.73	19.89	19.87	14.74	0.0298
5	1	12		19.69	19.85	19.88		
5	1	24		19.65	19.81	19.67		
5	12	0		19.70	19.78	19.80		
5	12	7		19.65	19.68	19.70		
5	12	13		19.69	19.68	19.70		
5	25	0		19.69	19.77	19.83		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.50	24.51	24.41	19.36	0.0863
3	1	8		24.46	24.44	24.31		
3	1	14		24.44	24.48	24.24		
3	8	0		23.48	23.53	23.41		
3	8	4		23.48	23.52	23.40		
3	8	7		23.52	23.52	23.39		
3	15	0		23.49	23.53	23.41		
3	1	0	16-QAM	23.82	23.81	23.74	18.68	0.0738
3	1	8		23.83	23.78	23.62		
3	1	14		23.81	23.77	23.57		
3	8	0		22.54	22.60	22.49		
3	8	4		22.55	22.62	22.45		
3	8	7		22.59	22.65	22.51		
3	15	0		22.53	22.59	22.48		
3	1	0	64-QAM	22.67	22.74	22.64	17.59	0.0574
3	1	8		22.68	22.68	22.53		
3	1	14		22.69	22.71	22.59		
3	8	0		21.59	21.60	21.52		
3	8	4		21.57	21.62	21.52		
3	8	7		21.59	21.62	21.49		
3	15	0		21.56	21.59	21.48		
3	1	0	256-QAM	19.70	19.87	19.87	14.72	0.0296
3	1	8		19.64	19.81	19.80		
3	1	14		19.67	19.76	19.66		
3	8	0		19.73	19.82	19.80		
3	8	4		19.65	19.72	19.71		
3	8	7		19.62	19.67	19.67		
3	15	0		19.67	19.73	19.82		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.51	24.50	24.34	19.43	0.0877
1.4	1	3		24.42	24.41	24.24		
1.4	1	5		24.50	24.50	24.25		
1.4	3	0		24.50	24.46	24.32		
1.4	3	1		24.58	24.52	24.33		
1.4	3	3		24.43	24.46	24.24		
1.4	6	0		23.47	23.46	23.30		
1.4	1	0	16-QAM	23.78	23.73	23.51	18.63	0.0729
1.4	1	3		23.70	23.62	23.43		
1.4	1	5		23.77	23.74	23.55		
1.4	3	0		23.61	23.58	23.45		
1.4	3	1		23.63	23.68	23.45		
1.4	3	3		23.59	23.56	23.42		
1.4	6	0		22.53	22.54	22.41		
1.4	1	0	64-QAM	22.66	22.70	22.52	17.55	0.0569
1.4	1	3		22.57	22.63	22.45		
1.4	1	5		22.66	22.64	22.54		
1.4	3	0		22.54	22.57	22.42		
1.4	3	1		22.57	22.62	22.48		
1.4	3	3		22.62	22.60	22.52		
1.4	6	0		21.55	21.58	21.42		
1.4	1	0	256-QAM	19.77	19.93	19.89	14.78	0.0301
1.4	1	3		19.71	19.81	19.88		
1.4	1	5		19.67	19.78	19.67		
1.4	3	0		19.67	19.84	19.75		
1.4	3	1		19.72	19.70	19.80		
1.4	3	3		19.63	19.68	19.74		
1.4	6	0		19.70	19.77	19.78		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.21	26.22	26.12	26.82	0.4808
20	1	49		26.20	26.18	26.11		
20	1	99		26.12	26.06	25.97		
20	50	0		25.24	25.25	25.08		
20	50	24		25.23	25.18	25.07		
20	50	50		25.22	25.14	25.05		
20	100	0		25.24	25.18	25.09		
20	1	0	16-QAM	25.64	25.59	25.43	26.24	0.4207
20	1	49		25.53	25.46	25.36		
20	1	99		25.57	25.49	25.37		
20	50	0		24.28	24.17	24.04		
20	50	24		24.27	24.19	24.06		
20	50	50		24.23	24.13	24.05		
20	100	0		24.31	24.23	24.11		
20	1	0	64-QAM	24.85	24.54	24.33	25.45	0.3508
20	1	49		24.54	24.44	24.38		
20	1	99		24.49	24.40	24.28		
20	50	0		23.27	23.20	23.08		
20	50	24		23.30	23.19	23.07		
20	50	50		23.26	23.17	23.07		
20	100	0		23.30	23.22	23.12		
20	1	0	256-QAM	21.35	21.31	21.43	22.03	0.1596
20	1	49		21.25	21.22	21.27		
20	1	99		21.22	21.15	21.21		
20	50	0		21.40	21.30	21.28		
20	50	24		21.36	21.27	21.23		
20	50	50		21.34	21.24	21.18		
20	100	0		21.33	21.23	21.16		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.12	26.18	26.05	26.78	0.4764
15	1	37		26.10	26.11	26.04		
15	1	74		26.11	26.06	25.99		
15	36	0		25.29	25.24	25.15		
15	36	20		25.27	25.19	25.15		
15	36	39		25.29	25.20	25.15		
15	75	0		25.30	25.19	25.14		
15	1	0	16-QAM	25.62	25.38	25.34	26.22	0.4188
15	1	37		25.50	25.42	25.36		
15	1	74		25.58	25.33	25.28		
15	36	0		24.30	24.18	24.12		
15	36	20		24.29	24.20	24.13		
15	36	39		24.31	24.20	24.12		
15	75	0		24.35	24.23	24.19		
15	1	0	64-QAM	24.35	24.49	24.13	25.09	0.3228
15	1	37		24.33	24.26	24.22		
15	1	74		24.35	24.17	24.11		
15	36	0		23.38	23.24	23.16		
15	36	20		23.34	23.21	23.16		
15	36	39		23.34	23.22	23.14		
15	75	0		23.36	23.22	23.18		
15	1	0	256-QAM	21.32	21.30	21.42	22.02	0.1592
15	1	37		21.19	21.21	21.17		
15	1	74		21.21	21.13	21.20		
15	36	0		21.34	21.26	21.24		
15	36	20		21.32	21.26	21.17		
15	36	39		21.24	21.14	21.11		
15	75	0		21.24	21.17	21.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.18	26.18	26.12	26.78	0.4764
10	1	25		26.18	26.17	26.11		
10	1	49		26.17	26.09	26.02		
10	25	0		25.33	25.25	25.17		
10	25	12		25.33	25.25	25.18		
10	25	25		25.35	25.27	25.17		
10	50	0		25.38	25.29	25.19		
10	1	0	16-QAM	25.36	25.24	25.24	25.96	0.3945
10	1	25		25.28	25.16	25.04		
10	1	49		25.32	25.22	25.31		
10	25	0		24.42	24.30	24.27		
10	25	12		24.44	24.31	24.28		
10	25	25		24.47	24.36	24.28		
10	50	0		24.42	24.32	24.16		
10	1	0	64-QAM	24.53	24.53	24.40	25.21	0.3319
10	1	25		24.60	24.48	24.35		
10	1	49		24.61	24.48	24.31		
10	25	0		23.44	23.28	23.17		
10	25	12		23.38	23.26	23.19		
10	25	25		23.39	23.27	23.18		
10	50	0		23.39	23.26	23.17		
10	1	0	256-QAM	21.30	21.28	21.40	22.00	0.1585
10	1	25		21.17	21.22	21.26		
10	1	49		21.17	21.06	21.15		
10	25	0		21.36	21.26	21.26		
10	25	12		21.27	21.25	21.18		
10	25	25		21.32	21.14	21.09		
10	50	0		21.33	21.21	21.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.19	26.17	26.15	26.80	0.4786
5	1	12		26.17	26.18	26.17		
5	1	24		26.20	26.16	26.12		
5	12	0		25.32	25.22	25.18		
5	12	7		25.36	25.24	25.17		
5	12	13		25.33	25.25	25.17		
5	25	0		25.32	25.26	25.20		
5	1	0	16-QAM	25.62	25.40	25.23	26.22	0.4188
5	1	12		25.41	25.38	25.24		
5	1	24		25.46	25.35	25.26		
5	12	0		24.33	24.23	24.17		
5	12	7		24.33	24.22	24.13		
5	12	13		24.33	24.17	24.12		
5	25	0		24.38	24.26	24.25		
5	1	0	64-QAM	24.43	24.29	24.25	25.03	0.3184
5	1	12		24.43	24.17	24.04		
5	1	24		24.43	24.32	24.24		
5	12	0		23.35	23.21	23.13		
5	12	7		23.30	23.22	23.14		
5	12	13		23.33	23.20	23.16		
5	25	0		23.39	23.29	23.26		
5	1	0	256-QAM	21.31	21.26	21.36	21.96	0.1570
5	1	12		21.19	21.12	21.27		
5	1	24		21.20	21.12	21.17		
5	12	0		21.31	21.21	21.21		
5	12	7		21.34	21.23	21.13		
5	12	13		21.34	21.24	21.13		
5	25	0		21.27	21.23	21.07		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.32	24.39	24.18	24.99	0.3155
20	1	49		24.30	24.26	24.11		
20	1	99		24.31	24.28	24.12		
20	50	0		23.43	23.46	23.25		
20	50	24		23.41	23.40	23.24		
20	50	50		23.41	23.34	23.23		
20	100	0		23.39	23.43	23.22		
20	1	0	16-QAM	23.40	23.50	23.31	24.10	0.2570
20	1	49		23.32	23.39	23.21		
20	1	99		23.39	23.45	23.25		
20	50	0		22.43	22.42	22.24		
20	50	24		22.42	22.42	22.28		
20	50	50		22.42	22.39	22.25		
20	100	0		22.42	22.38	22.25		
20	1	0	64-QAM	22.25	22.19	22.13	22.86	0.1932
20	1	49		22.16	22.14	21.99		
20	1	99		22.26	22.17	22.04		
20	50	0		21.45	21.42	21.27		
20	50	24		21.44	21.45	21.32		
20	50	50		21.44	21.41	21.28		
20	100	0		21.41	21.37	21.24		
20	1	0	256-QAM	19.26	19.21	19.00	20.10	0.1023
20	1	49		19.12	19.11	18.97		
20	1	99		19.04	19.05	19.01		
20	50	0		19.50	19.45	19.27		
20	50	24		19.49	19.42	19.25		
20	50	50		19.44	19.38	19.25		
20	100	0		19.39	19.33	19.20		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.37	24.34	24.15	24.97	0.3141
15	1	37		24.30	24.25	24.13		
15	1	74		24.36	24.33	24.16		
15	36	0		23.41	23.40	23.24		
15	36	20		23.43	23.36	23.24		
15	36	39		23.44	23.38	23.22		
15	75	0		23.41	23.39	23.23		
15	1	0	16-QAM	23.42	23.46	23.29	24.06	0.2547
15	1	37		23.40	23.37	23.37		
15	1	74		23.46	23.44	23.24		
15	36	0		22.36	22.36	22.19		
15	36	20		22.36	22.32	22.18		
15	36	39		22.34	22.34	22.18		
15	75	0		22.43	22.42	22.23		
15	1	0	64-QAM	22.20	22.03	22.12	22.82	0.1914
15	1	37		22.16	21.93	22.11		
15	1	74		22.22	21.98	22.01		
15	36	0		21.44	21.42	21.25		
15	36	20		21.45	21.38	21.24		
15	36	39		21.43	21.40	21.24		
15	75	0		21.43	21.41	21.25		
15	1	0	256-QAM	19.26	19.15	18.91	20.04	0.1009
15	1	37		19.02	19.09	18.91		
15	1	74		18.94	19.01	18.93		
15	36	0		19.44	19.43	19.23		
15	36	20		19.41	19.36	19.20		
15	36	39		19.40	19.33	19.20		
15	75	0		19.37	19.30	19.20		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.38	24.33	24.15	24.98	0.3148
10	1	25		24.32	24.23	24.05		
10	1	49		24.35	24.35	24.12		
10	25	0		23.45	23.41	23.23		
10	25	12		23.44	23.41	23.23		
10	25	25		23.46	23.39	23.22		
10	50	0		23.49	23.41	23.29		
10	1	0	16-QAM	23.51	23.45	23.32	24.11	0.2576
10	1	25		23.45	23.40	23.23		
10	1	49		23.49	23.43	23.25		
10	25	0		22.49	22.44	22.27		
10	25	12		22.46	22.43	22.26		
10	25	25		22.49	22.44	22.27		
10	50	0		22.51	22.49	22.29		
10	1	0	64-QAM	22.15	22.18	22.05	22.81	0.1910
10	1	25		22.09	22.21	22.03		
10	1	49		22.14	22.19	22.04		
10	25	0		21.45	21.44	21.24		
10	25	12		21.45	21.46	21.23		
10	25	25		21.48	21.44	21.22		
10	50	0		21.55	21.50	21.30		
10	1	0	256-QAM	19.26	19.11	18.97	20.06	0.1014
10	1	25		19.03	19.01	18.88		
10	1	49		18.99	19.05	18.98		
10	25	0		19.42	19.39	19.20		
10	25	12		19.46	19.35	19.19		
10	25	25		19.34	19.36	19.20		
10	50	0		19.36	19.31	19.20		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.35	24.33	24.16	24.95	0.3126
5	1	12		24.34	24.33	24.17		
5	1	24		24.34	24.33	24.17		
5	12	0		23.45	23.43	23.24		
5	12	7		23.47	23.43	23.27		
5	12	13		23.45	23.40	23.24		
5	25	0		23.47	23.39	23.23		
5	1	0	16-QAM	23.51	23.51	23.24	24.18	0.2618
5	1	12		23.46	23.58	23.27		
5	1	24		23.49	23.51	23.27		
5	12	0		22.39	22.37	22.16		
5	12	7		22.42	22.38	22.23		
5	12	13		22.44	22.38	22.19		
5	25	0		22.54	22.43	22.27		
5	1	0	64-QAM	22.18	22.12	22.03	22.78	0.1897
5	1	12		22.10	22.01	22.02		
5	1	24		22.18	22.12	22.04		
5	12	0		21.47	21.41	21.18		
5	12	7		21.50	21.43	21.21		
5	12	13		21.51	21.42	21.17		
5	25	0		21.53	21.44	21.24		
5	1	0	256-QAM	19.25	19.17	18.90	20.09	0.1021
5	1	12		19.03	19.07	18.87		
5	1	24		19.02	18.96	19.01		
5	12	0		19.49	19.40	19.17		
5	12	7		19.46	19.38	19.15		
5	12	13		19.40	19.28	19.17		
5	25	0		19.35	19.31	19.20		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.40	26.57	26.39	27.17	0.5212
20	1	49		26.39	26.40	26.28		
20	1	99		26.35	26.30	26.34		
20	50	0		25.58	25.67	25.54		
20	50	24		25.51	25.66	25.53		
20	50	50		25.55	25.51	25.51		
20	100	0		25.57	25.64	25.50		
20	1	0	16-QAM	25.59	25.67	25.70	26.30	0.4266
20	1	49		25.61	25.64	25.61		
20	1	99		25.69	25.65	25.58		
20	50	0		24.58	24.54	24.59		
20	50	24		24.58	24.52	24.58		
20	50	50		24.57	24.57	24.58		
20	100	0		24.63	24.61	24.60		
20	1	0	64-QAM	24.42	24.66	24.56	25.31	0.3396
20	1	49		24.68	24.70	24.69		
20	1	99		24.71	24.69	24.64		
20	50	0		23.60	23.57	23.63		
20	50	24		23.62	23.59	23.62		
20	50	50		23.62	23.59	23.62		
20	100	0		23.60	23.60	23.64		
20	1	0	256-QAM	21.83	21.45	21.81	22.49	0.1774
20	1	49		21.80	21.65	21.75		
20	1	99		21.72	21.61	21.77		
20	50	0		21.89	21.86	21.80		
20	50	24		21.88	21.78	21.79		
20	50	50		21.84	21.74	21.78		
20	100	0		21.82	21.73	21.74		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.38	26.39	26.39	27.03	0.5047
15	1	37		26.31	26.43	26.23		
15	1	74		26.37	26.42	26.31		
15	36	0		25.59	25.60	25.58		
15	36	20		25.57	25.58	25.58		
15	36	39		25.61	25.58	25.57		
15	75	0		25.60	25.58	25.59		
15	1	0	16-QAM	25.66	25.74	25.50	26.49	0.4457
15	1	37		25.61	25.89	25.54		
15	1	74		25.76	25.78	25.61		
15	36	0		24.58	24.53	24.56		
15	36	20		24.62	24.55	24.61		
15	36	39		24.63	24.54	24.60		
15	75	0		24.61	24.59	24.60		
15	1	0	64-QAM	24.64	24.70	24.66	25.30	0.3388
15	1	37		24.49	24.68	24.42		
15	1	74		24.50	24.68	24.40		
15	36	0		23.64	23.63	23.63		
15	36	20		23.62	23.60	23.62		
15	36	39		23.67	23.60	23.62		
15	75	0		23.62	23.56	23.57		
15	1	0	256-QAM	21.73	21.44	21.71	22.46	0.1762
15	1	37		21.76	21.55	21.69		
15	1	74		21.62	21.59	21.70		
15	36	0		21.86	21.81	21.80		
15	36	20		21.81	21.78	21.69		
15	36	39		21.82	21.68	21.76		
15	75	0		21.74	21.72	21.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.39	26.41	26.37	27.05	0.5070
10	1	25		26.45	26.44	26.38		
10	1	49		26.38	26.35	26.32		
10	25	0		25.58	25.56	25.56		
10	25	12		25.55	25.55	25.57		
10	25	25		25.59	25.56	25.54		
10	50	0		25.62	25.51	25.55		
10	1	0	16-QAM	25.60	25.66	25.60	26.37	0.4335
10	1	25		25.66	25.69	25.59		
10	1	49		25.74	25.77	25.63		
10	25	0		24.68	24.63	24.61		
10	25	12		24.64	24.65	24.62		
10	25	25		24.73	24.66	24.60		
10	50	0		24.65	24.56	24.53		
10	1	0	64-QAM	24.55	24.58	24.47	25.31	0.3396
10	1	25		24.44	24.43	24.35		
10	1	49		24.71	24.53	24.44		
10	25	0		23.64	23.59	23.61		
10	25	12		23.59	23.58	23.58		
10	25	25		23.61	23.60	23.57		
10	50	0		23.66	23.58	23.57		
10	1	0	256-QAM	21.68	21.38	21.66	22.44	0.1754
10	1	25		21.72	21.55	21.67		
10	1	49		21.62	21.50	21.67		
10	25	0		21.84	21.77	21.79		
10	25	12		21.79	21.71	21.60		
10	25	25		21.77	21.67	21.69		
10	50	0		21.67	21.68	21.54		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.39	26.51	26.42	27.11	0.5140
5	1	12		26.39	26.50	26.33		
5	1	24		26.41	26.46	26.34		
5	12	0		25.56	25.56	25.56		
5	12	7		25.60	25.53	25.52		
5	12	13		25.60	25.56	25.56		
5	25	0		25.57	25.58	25.55		
5	1	0	16-QAM	25.44	25.93	25.45	26.53	0.4498
5	1	12		25.53	25.89	25.50		
5	1	24		25.64	25.90	25.60		
5	12	0		24.59	24.67	24.55		
5	12	7		24.71	24.61	24.57		
5	12	13		24.70	24.63	24.61		
5	25	0		24.67	24.72	24.61		
5	1	0	64-QAM	24.67	24.55	24.61	25.28	0.3373
5	1	12		24.62	24.57	24.55		
5	1	24		24.68	24.57	24.61		
5	12	0		23.60	23.54	23.55		
5	12	7		23.64	23.52	23.53		
5	12	13		23.64	23.54	23.53		
5	25	0		23.64	23.61	23.61		
5	1	0	256-QAM	21.59	21.47	21.56	22.37	0.1726
5	1	12		21.71	21.50	21.60		
5	1	24		21.54	21.45	21.63		
5	12	0		21.76	21.77	21.74		
5	12	7		21.69	21.63	21.56		
5	12	13		21.74	21.59	21.63		
5	25	0		21.66	21.67	21.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.92	23.91	23.68	23.62	0.2301
20	1	49		23.87	23.85	23.58		
20	1	99		23.90	23.88	23.57		
20	50	0		22.99	22.98	22.72		
20	50	24		22.95	22.97	22.69		
20	50	50		22.96	22.95	22.66		
20	100	0		22.94	22.95	22.68		
20	1	0	16-QAM	23.09	22.96	22.92	22.83	0.1919
20	1	49		23.10	22.93	22.76		
20	1	99		23.13	22.95	22.81		
20	50	0		21.93	21.77	21.71		
20	50	24		21.97	21.77	21.69		
20	50	50		21.97	21.75	21.68		
20	100	0		21.92	21.75	21.71		
20	1	0	64-QAM	21.97	21.82	21.78	21.80	0.1514
20	1	49		21.99	21.81	21.75		
20	1	99		22.10	21.89	21.89		
20	50	0		20.96	20.81	20.76		
20	50	24		21.00	20.81	20.76		
20	50	50		21.00	20.79	20.76		
20	100	0		20.96	20.79	20.74		
20	1	0	256-QAM	18.94	18.86	18.86	18.81	0.0760
20	1	49		19.01	18.89	18.88		
20	1	99		19.11	18.96	19.05		
20	50	0		18.90	18.80	18.79		
20	50	24		18.95	18.82	18.83		
20	50	50		18.98	18.83	18.88		
20	100	0		18.92	18.78	18.82		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.91	23.81	23.69	23.61	0.2296
15	1	37		23.90	23.64	23.59		
15	1	74		23.90	23.72	23.63		
15	36	0		23.03	22.79	22.70		
15	36	20		23.01	22.78	22.72		
15	36	39		22.99	22.77	22.72		
15	75	0		23.01	22.79	22.72		
15	1	0	16-QAM	23.16	23.02	22.92	22.96	0.1977
15	1	37		23.26	23.09	22.95		
15	1	74		23.22	23.07	22.98		
15	36	0		21.98	21.78	21.68		
15	36	20		22.01	21.80	21.70		
15	36	39		22.02	21.78	21.74		
15	75	0		22.00	21.79	21.73		
15	1	0	64-QAM	22.07	22.00	21.82	21.87	0.1538
15	1	37		22.03	22.01	21.87		
15	1	74		22.17	22.06	22.00		
15	36	0		21.00	20.82	20.71		
15	36	20		21.02	20.82	20.75		
15	36	39		21.05	20.85	20.77		
15	75	0		21.02	20.84	20.78		
15	1	0	256-QAM	18.87	18.78	18.77	18.71	0.0743
15	1	37		19.01	18.83	18.87		
15	1	74		19.01	18.91	19.00		
15	36	0		18.88	18.71	18.75		
15	36	20		18.93	18.80	18.75		
15	36	39		18.97	18.81	18.78		
15	75	0		18.91	18.76	18.74		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.91	23.83	23.71	23.61	0.2296
10	1	25		23.89	23.73	23.61		
10	1	49		23.90	23.76	23.65		
10	25	0		23.06	22.85	22.73		
10	25	12		23.03	22.84	22.75		
10	25	25		23.04	22.85	22.74		
10	50	0		23.07	22.84	22.74		
10	1	0	16-QAM	23.24	23.11	22.97	23.02	0.2004
10	1	25		23.20	23.04	22.91		
10	1	49		23.32	23.11	22.99		
10	25	0		22.03	21.88	21.73		
10	25	12		22.02	21.88	21.75		
10	25	25		22.06	21.86	21.77		
10	50	0		22.06	21.89	21.76		
10	1	0	64-QAM	22.14	21.99	21.83	21.89	0.1545
10	1	25		22.11	21.90	21.88		
10	1	49		22.19	21.91	21.97		
10	25	0		21.05	20.91	20.78		
10	25	12		21.04	20.89	20.78		
10	25	25		21.07	20.89	20.83		
10	50	0		21.11	20.93	20.83		
10	1	0	256-QAM	18.87	18.79	18.84	18.75	0.0750
10	1	25		18.98	18.79	18.81		
10	1	49		19.01	18.92	19.05		
10	25	0		18.82	18.70	18.73		
10	25	12		18.86	18.76	18.82		
10	25	25		18.94	18.80	18.87		
10	50	0		18.86	18.68	18.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.91	23.79	23.68	23.61	0.2296
5	1	12		23.90	23.77	23.69		
5	1	24		23.89	23.76	23.62		
5	12	0		23.07	22.83	22.68		
5	12	7		23.08	22.83	22.70		
5	12	13		23.06	22.81	22.70		
5	25	0		23.08	22.83	22.69		
5	1	0	16-QAM	23.25	23.05	22.88	22.97	0.1982
5	1	12		23.27	23.10	22.89		
5	1	24		23.25	23.05	22.90		
5	12	0		22.05	21.87	21.74		
5	12	7		22.08	21.87	21.76		
5	12	13		22.09	21.88	21.78		
5	25	0		22.08	21.86	21.72		
5	1	0	64-QAM	22.19	21.96	21.78	21.92	0.1556
5	1	12		22.12	22.02	21.82		
5	1	24		22.22	21.99	21.93		
5	12	0		21.07	20.87	20.75		
5	12	7		21.09	20.90	20.77		
5	12	13		21.08	20.88	20.76		
5	25	0		21.11	20.88	20.76		
5	1	0	256-QAM	18.89	18.76	18.78	18.75	0.0750
5	1	12		18.93	18.82	18.82		
5	1	24		19.05	18.95	18.97		
5	12	0		18.89	18.78	18.73		
5	12	7		18.93	18.79	18.81		
5	12	13		18.89	18.76	18.87		
5	25	0		18.91	18.71	18.76		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.85	23.74	23.68	23.57	0.2275
3	1	8		23.81	23.69	23.62		
3	1	14		23.87	23.70	23.64		
3	8	0		22.89	22.73	22.63		
3	8	4		22.91	22.73	22.64		
3	8	7		22.95	22.77	22.68		
3	15	0		22.94	22.75	22.64		
3	1	0	16-QAM	23.16	23.01	22.85	22.86	0.1932
3	1	8		23.09	22.95	22.84		
3	1	14		23.13	22.95	22.87		
3	8	0		21.95	21.76	21.69		
3	8	4		21.96	21.77	21.70		
3	8	7		22.03	21.80	21.72		
3	15	0		21.96	21.79	21.70		
3	1	0	64-QAM	22.02	21.88	21.78	21.74	0.1493
3	1	8		21.97	21.85	21.74		
3	1	14		22.04	21.90	21.86		
3	8	0		20.99	20.79	20.72		
3	8	4		20.98	20.79	20.71		
3	8	7		21.01	20.85	20.73		
3	15	0		20.96	20.79	20.72		
3	1	0	256-QAM	18.90	18.85	18.78	18.74	0.0748
3	1	8		18.98	18.79	18.85		
3	1	14		19.04	18.87	19.00		
3	8	0		18.90	18.73	18.74		
3	8	4		18.88	18.76	18.73		
3	8	7		18.92	18.77	18.88		
3	15	0		18.90	18.70	18.80		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.80	23.69	23.65	23.55	0.2265
1.4	1	3		23.73	23.61	23.57		
1.4	1	5		23.80	23.68	23.63		
1.4	3	0		23.77	23.67	23.59		
1.4	3	1		23.85	23.72	23.63		
1.4	3	3		23.77	23.67	23.60		
1.4	6	0		22.83	22.68	22.61		
1.4	1	0	16-QAM	23.09	22.98	22.88	22.79	0.1901
1.4	1	3		22.99	22.83	22.73		
1.4	1	5		23.08	22.95	22.83		
1.4	3	0		22.93	22.77	22.65		
1.4	3	1		22.89	22.78	22.69		
1.4	3	3		22.93	22.78	22.68		
1.4	6	0		21.91	21.74	21.69		
1.4	1	0	64-QAM	22.02	21.82	21.78	21.75	0.1496
1.4	1	3		21.86	21.81	21.67		
1.4	1	5		22.05	21.89	21.78		
1.4	3	0		21.93	21.80	21.72		
1.4	3	1		21.99	21.89	21.78		
1.4	3	3		21.98	21.86	21.73		
1.4	6	0		20.92	20.76	20.64		
1.4	1	0	256-QAM	18.86	18.76	18.82	18.81	0.0760
1.4	1	3		19.01	18.86	18.88		
1.4	1	5		19.11	18.96	18.95		
1.4	3	0		18.84	18.75	18.73		
1.4	3	1		18.88	18.75	18.81		
1.4	3	3		18.98	18.77	18.87		
1.4	6	0		18.86	18.73	18.75		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.47	24.50	24.44	16.45	0.0442
20	1	49		24.49	24.48	24.41		
20	1	99		24.46	24.39	24.39		
20	50	0		23.59	23.60	23.44		
20	50	24		23.56	23.57	23.47		
20	50	50		23.55	23.55	23.47		
20	100	0		23.57	23.58	23.45		
20	1	0	16-QAM	23.76	23.68	23.74	15.78	0.0378
20	1	49		23.76	23.77	23.79		
20	1	99		23.83	23.74	23.71		
20	50	0		22.53	22.48	22.50		
20	50	24		22.56	22.51	22.50		
20	50	50		22.55	22.49	22.50		
20	100	0		22.56	22.45	22.47		
20	1	0	64-QAM	22.62	22.64	22.70	14.78	0.0301
20	1	49		22.76	22.73	22.83		
20	1	99		22.80	22.69	22.72		
20	50	0		21.57	21.50	21.55		
20	50	24		21.61	21.57	21.59		
20	50	50		21.56	21.57	21.57		
20	100	0		21.57	21.52	21.53		
20	1	0	256-QAM	19.64	19.76	19.83	11.78	0.0151
20	1	49		19.68	19.74	19.76		
20	1	99		19.59	19.59	19.59		
20	50	0		19.61	19.57	19.69		
20	50	24		19.57	19.56	19.63		
20	50	50		19.51	19.52	19.58		
20	100	0		19.55	19.54	19.67		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.30	24.34	24.30	16.29	0.0426
15	1	37		24.18	24.12	24.24		
15	1	74		24.26	24.28	24.30		
15	36	0		23.33	23.37	23.35		
15	36	20		23.33	23.36	23.37		
15	36	39		23.31	23.36	23.37		
15	75	0		23.29	23.32	23.35		
15	1	0	16-QAM	23.56	23.66	23.70	15.70	0.0372
15	1	37		23.72	23.74	23.68		
15	1	74		23.56	23.75	23.60		
15	36	0		22.32	22.34	22.36		
15	36	20		22.34	22.38	22.38		
15	36	39		22.34	22.41	22.36		
15	75	0		22.35	22.34	22.35		
15	1	0	64-QAM	22.45	22.53	22.49	14.59	0.0288
15	1	37		22.50	22.42	22.48		
15	1	74		22.49	22.64	22.47		
15	36	0		21.37	21.40	21.41		
15	36	20		21.39	21.46	21.41		
15	36	39		21.39	21.46	21.43		
15	75	0		21.33	21.38	21.39		
15	1	0	256-QAM	19.60	19.66	19.83	11.78	0.0151
15	1	37		19.65	19.66	19.70		
15	1	74		19.59	19.51	19.50		
15	36	0		19.60	19.49	19.59		
15	36	20		19.53	19.53	19.58		
15	36	39		19.50	19.48	19.48		
15	75	0		19.53	19.49	19.59		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.27	24.31	24.34	16.29	0.0426
10	1	25		24.11	24.19	24.21		
10	1	49		24.21	24.29	24.27		
10	25	0		23.29	23.34	23.32		
10	25	12		23.27	23.39	23.32		
10	25	25		23.26	23.35	23.35		
10	50	0		23.29	23.39	23.38		
10	1	0	16-QAM	23.53	23.67	23.66	15.66	0.0368
10	1	25		23.54	23.60	23.61		
10	1	49		23.63	23.71	23.62		
10	25	0		22.29	22.36	22.33		
10	25	12		22.35	22.37	22.39		
10	25	25		22.34	22.37	22.40		
10	50	0		22.36	22.38	22.42		
10	1	0	64-QAM	22.50	22.52	22.54	14.62	0.0290
10	1	25		22.49	22.55	22.50		
10	1	49		22.55	22.67	22.64		
10	25	0		21.32	21.36	21.38		
10	25	12		21.32	21.41	21.38		
10	25	25		21.37	21.40	21.41		
10	50	0		21.42	21.43	21.48		
10	1	0	256-QAM	19.56	19.71	19.74	11.69	0.0148
10	1	25		19.65	19.69	19.74		
10	1	49		19.55	19.52	19.52		
10	25	0		19.55	19.48	19.61		
10	25	12		19.48	19.51	19.60		
10	25	25		19.46	19.51	19.57		
10	50	0		19.45	19.48	19.67		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.27	24.30	24.31	16.26	0.0423
5	1	12		24.31	24.29	24.31		
5	1	24		24.29	24.27	24.29		
5	12	0		23.30	23.29	23.33		
5	12	7		23.32	23.33	23.35		
5	12	13		23.32	23.31	23.33		
5	25	0		23.32	23.29	23.30		
5	1	0	16-QAM	23.59	23.65	23.69	15.68	0.0370
5	1	12		23.69	23.67	23.73		
5	1	24		23.64	23.62	23.66		
5	12	0		22.35	22.36	22.41		
5	12	7		22.37	22.38	22.41		
5	12	13		22.35	22.36	22.41		
5	25	0		22.33	22.34	22.33		
5	1	0	64-QAM	22.47	22.48	22.55	14.56	0.0286
5	1	12		22.48	22.28	22.44		
5	1	24		22.57	22.47	22.61		
5	12	0		21.39	21.36	21.45		
5	12	7		21.41	21.39	21.50		
5	12	13		21.41	21.41	21.46		
5	25	0		21.35	21.39	21.35		
5	1	0	256-QAM	19.64	19.67	19.79	11.74	0.0149
5	1	12		19.59	19.67	19.73		
5	1	24		19.57	19.49	19.56		
5	12	0		19.58	19.53	19.69		
5	12	7		19.57	19.56	19.56		
5	12	13		19.45	19.48	19.49		
5	25	0		19.53	19.47	19.60		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.9 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	21.82	21.32	21.39	17.96	0.0625
10+10	1	0	1	49		23.01	22.94	22.20		
10+10	1	49	1	0		22.71	22.86	22.26		
10+10	50	0	50	0	16-QAM	20.79	21.03	21.10	18.09	0.0644
10+10	1	0	1	49		22.72	22.50	22.62		
10+10	1	49	1	0		22.55	23.14	22.65		
10+10	50	0	50	0	64-QAM	20.72	20.58	21.17	16.22	0.0419
10+10	1	0	1	49		21.27	21.13	21.03		
10+10	1	49	1	0		20.94	21.12	21.10		
10+10	50	0	50	0	256-QAM	18.75	19.07	19.11	14.17	0.0261
10+10	1	0	1	49		19.22	19.14	19.03		
10+10	1	49	1	0		18.87	19.06	19.21		
10+5	50	0	25	0	QPSK	21.54	21.57	22.05	17.88	0.0614
10+5	1	0	1	24		22.54	22.24	22.93		
10+5	1	49	1	0		22.09	22.77	22.78		
10+5	50	0	25	0	16-QAM	20.21	21.09	20.59	18.08	0.0643
10+5	1	0	1	24		22.88	23.11	22.87		
10+5	1	49	1	0		22.93	23.13	22.42		
10+5	50	0	25	0	64-QAM	20.63	21.11	20.55	16.15	0.0412
10+5	1	0	1	24		20.87	21.13	20.67		
10+5	1	49	1	0		20.83	21.20	21.01		
10+5	50	0	25	0	256-QAM	18.58	19.08	19.02	14.17	0.0261
10+5	1	0	1	24		18.82	19.16	19.22		
10+5	1	49	1	0		18.89	19.10	18.98		
5+10	25	0	50	0	QPSK	21.66	20.94	22.17	18.07	0.0641
5+10	1	0	1	49		22.28	22.64	23.12		
5+10	1	24	1	0		22.59	22.61	22.78		
5+10	25	0	50	0	16-QAM	20.73	20.51	21.21	18.42	0.0695
5+10	1	0	1	49		23.10	22.66	23.47		
5+10	1	24	1	0		22.73	22.84	23.14		
5+10	25	0	50	0	64-QAM	20.76	20.95	20.65	16.45	0.0442
5+10	1	0	1	49		21.07	20.77	21.50		
5+10	1	24	1	0		20.82	20.85	21.11		
5+10	25	0	50	0	256-QAM	18.74	18.97	19.21	14.35	0.0272
5+10	1	0	1	49		19.10	19.31	19.40		
5+10	1	24	1	0		18.85	18.87	19.06		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.3 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	21.83	21.85	22.48	22.18	0.1652
10+10	1	0	1	49		18.78	18.64	19.80		
10+10	1	49	1	0		19.14	18.83	19.28		
10+10	50	0	50	0	16-QAM	20.96	21.27	21.48	21.18	0.1312
10+10	1	0	1	49		19.30	19.27	19.81		
10+10	1	49	1	0		19.44	19.15	19.45		
10+10	50	0	50	0	64-QAM	20.95	21.24	21.10	20.94	0.1242
10+10	1	0	1	49		19.19	19.08	19.67		
10+10	1	49	1	0		19.55	19.19	19.46		
10+10	50	0	50	0	256-QAM	19.33	19.34	19.56	19.26	0.0843
10+10	1	0	1	49		8.57	9.75	9.11		
10+10	1	49	1	0		9.01	11.13	8.88		
15+5	75	0	25	0	QPSK	22.02	21.85	22.10	21.80	0.1514
15+5	1	0	1	24		19.15	19.06	19.35		
15+5	1	74	1	0		19.33	19.20	19.20		
15+5	75	0	25	0	16-QAM	21.02	20.81	21.03	20.73	0.1183
15+5	1	0	1	24		19.41	19.21	19.51		
15+5	1	74	1	0		19.42	19.22	19.31		
15+5	75	0	25	0	64-QAM	20.99	20.84	21.03	20.73	0.1183
15+5	1	0	1	24		19.20	19.18	19.44		
15+5	1	74	1	0		19.47	19.18	19.18		
15+5	75	0	25	0	256-QAM	19.14	19.22	19.16	18.92	0.0780
15+5	1	0	1	24		8.80	10.04	8.99		
15+5	1	74	1	0		8.87	9.64	8.67		
5+15	25	0	75	0	QPSK	22.07	21.94	22.23	21.93	0.1560
5+15	1	0	1	74		19.02	18.96	19.40		
5+15	1	24	1	0		19.37	19.21	18.92		
5+15	25	0	75	0	16-QAM	21.04	20.88	21.31	21.01	0.1262
5+15	1	0	1	74		19.18	19.11	19.70		
5+15	1	24	1	0		19.39	19.33	19.30		
5+15	25	0	75	0	64-QAM	20.97	20.92	21.30	21.00	0.1259
5+15	1	0	1	74		18.91	19.04	19.62		
5+15	1	24	1	0		19.33	19.18	19.31		
5+15	25	0	75	0	256-QAM	19.08	19.21	18.78	18.91	0.0778
5+15	1	0	1	74		8.56	9.69	9.11		
5+15	1	24	1	0		8.88	10.26	8.41		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	22.27	21.60	22.23	21.97	0.1574
10+5	1	0	1	24		18.75	17.98	19.60		
10+5	1	49	1	0		19.01	18.45	19.49		
10+5	50	0	25	0	16-QAM	21.16	20.40	21.26	20.96	0.1247
10+5	1	0	1	24		19.07	18.73	19.36		
10+5	1	49	1	0		19.47	18.99	19.27		
10+5	50	0	25	0	64-QAM	21.15	20.51	21.24	20.94	0.1242
10+5	1	0	1	24		18.96	18.95	19.27		
10+5	1	49	1	0		19.36	19.11	19.04		
10+5	50	0	25	0	256-QAM	19.22	18.46	19.32	19.02	0.0798
10+5	1	0	1	24		8.50	8.12	9.99		
10+5	1	49	1	0		8.89	8.43	9.73		
5+10	25	0	50	0	QPSK	21.07	21.78	22.42	22.12	0.1629
5+10	1	0	1	49		18.71	18.89	19.94		
5+10	1	24	1	0		18.92	18.83	19.41		
5+10	25	0	50	0	16-QAM	20.91	21.27	21.13	20.97	0.1250
5+10	1	0	1	49		18.86	19.41	19.86		
5+10	1	24	1	0		19.17	19.42	19.12		
5+10	25	0	50	0	64-QAM	20.90	20.82	21.00	20.70	0.1175
5+10	1	0	1	49		19.13	19.44	19.74		
5+10	1	24	1	0		19.06	19.29	19.33		
5+10	25	0	50	0	256-QAM	18.75	19.35	19.53	19.23	0.0838
5+10	1	0	1	49		8.51	10.04	10.21		
5+10	1	24	1	0		8.64	9.85	10.16		
5+5	25	0	25	0	QPSK	22.09	21.86	21.66	21.79	0.1510
5+5	1	0	1	24		19.09	18.66	19.01		
5+5	1	24	1	0		19.30	18.83	18.99		
5+5	25	0	25	0	16-QAM	21.39	20.96	21.16	21.09	0.1285
5+5	1	0	1	24		19.52	19.38	19.59		
5+5	1	24	1	0		19.65	19.18	19.12		
5+5	25	0	25	0	64-QAM	21.29	21.25	21.19	20.99	0.1256
5+5	1	0	1	24		19.47	19.22	19.38		
5+5	1	24	1	0		19.37	19.20	19.26		
5+5	25	0	25	0	256-QAM	19.47	19.39	19.51	19.21	0.0834
5+5	1	0	1	24		8.82	9.66	10.01		
5+5	1	24	1	0		9.03	11.00	9.82		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.84	21.95	22.20	21.90	0.1549
20+20	1	0	1	99		19.05	19.25	19.27		
20+20	1	99	1	0		19.35	19.12	19.07		
20+20	100	0	100	0	16-QAM	20.90	20.99	21.05	20.75	0.1189
20+20	1	0	1	99		19.09	19.46	18.86		
20+20	1	99	1	0		19.49	19.31	19.32		
20+20	100	0	100	0	64-QAM	20.91	21.00	21.00	20.70	0.1175
20+20	1	0	1	99		19.09	19.28	19.26		
20+20	1	99	1	0		19.39	19.27	19.22		
20+20	100	0	100	0	256-QAM	19.32	19.21	19.39	19.09	0.0811
20+20	1	0	1	99		8.52	8.90	9.08		
20+20	1	99	1	0		8.94	8.70	8.95		
20+15	100	0	75	0	QPSK	21.74	21.94	22.22	21.92	0.1556
20+15	1	0	1	74		18.78	19.35	19.57		
20+15	1	74	1	0		19.27	19.31	19.17		
20+15	100	0	75	0	16-QAM	20.74	20.89	21.22	20.92	0.1236
20+15	1	0	1	74		19.25	19.43	19.62		
20+15	1	74	1	0		19.42	19.40	19.63		
20+15	100	0	75	0	64-QAM	20.80	20.95	21.21	20.91	0.1233
20+15	1	0	1	74		19.03	19.44	19.66		
20+15	1	74	1	0		19.36	19.38	19.53		
20+15	100	0	75	0	256-QAM	19.08	19.03	19.36	19.06	0.0805
20+15	1	0	1	74		8.42	9.09	9.36		
20+15	1	74	1	0		9.11	8.97	8.95		
15+20	75	0	100	0	QPSK	21.48	21.89	22.06	21.76	0.1500
15+20	1	0	1	99		18.30	19.38	19.28		
15+20	1	74	1	0		18.80	19.47	19.15		
15+20	75	0	100	0	16-QAM	20.54	21.06	21.03	20.76	0.1191
15+20	1	0	1	99		18.80	19.42	19.43		
15+20	1	74	1	0		19.28	19.50	19.13		
15+20	75	0	100	0	64-QAM	20.60	21.05	21.11	20.81	0.1205
15+20	1	0	1	99		18.59	19.45	19.37		
15+20	1	74	1	0		18.78	19.57	19.10		
15+20	75	0	100	0	256-QAM	18.60	19.16	19.28	18.98	0.0791
15+20	1	0	1	99		7.94	8.95	9.08		
15+20	1	74	1	0		8.77	8.88	8.92		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.3 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	22.05	21.98	22.22	21.92	0.1556
20+10	1	0	1	49		19.04	19.41	19.23		
20+10	1	99	1	0		19.41	19.24	19.23		
20+10	100	0	50	0	16-QAM	21.04	20.85	21.38	21.08	0.1282
20+10	1	0	1	49		18.98	19.50	19.32		
20+10	1	99	1	0		19.36	19.35	19.25		
20+10	100	0	50	0	64-QAM	21.04	20.96	21.41	21.11	0.1291
20+10	1	0	1	49		19.01	19.48	19.39		
20+10	1	99	1	0		19.38	19.35	19.28		
20+10	100	0	50	0	256-QAM	18.77	19.15	19.08	18.85	0.0767
20+10	1	0	1	49		8.63	9.20	8.99		
20+10	1	99	1	0		9.00	9.08	8.76		
10+20	50	0	100	0	QPSK	22.02	22.01	22.05	21.75	0.1496
10+20	1	0	1	99		18.80	19.16	19.29		
10+20	1	49	1	0		19.30	19.38	19.29		
10+20	50	0	100	0	16-QAM	20.95	21.01	21.09	20.79	0.1199
10+20	1	0	1	99		18.94	19.16	19.29		
10+20	1	49	1	0		19.43	19.55	19.39		
10+20	50	0	100	0	64-QAM	20.97	21.00	21.05	20.75	0.1189
10+20	1	0	1	99		18.71	19.16	19.35		
10+20	1	49	1	0		19.22	19.29	19.37		
10+20	50	0	100	0	256-QAM	19.22	19.09	19.27	18.97	0.0789
10+20	1	0	1	99		8.17	8.70	8.91		
10+20	1	49	1	0		8.85	9.04	8.93		
20+5	100	0	25	0	QPSK	21.53	21.85	22.09	21.79	0.1510
20+5	1	0	1	24		18.64	19.25	19.28		
20+5	1	99	1	0		19.04	18.94	19.24		
20+5	100	0	25	0	16-QAM	20.77	20.88	21.02	20.72	0.1180
20+5	1	0	1	24		18.75	18.89	19.43		
20+5	1	99	1	0		19.12	19.14	19.23		
20+5	100	0	25	0	64-QAM	20.73	20.91	21.02	20.72	0.1180
20+5	1	0	1	24		19.08	19.25	19.35		
20+5	1	99	1	0		19.33	19.03	19.17		
20+5	100	0	25	0	256-QAM	19.13	19.21	19.19	18.91	0.0778
20+5	1	0	1	24		9.55	10.06	10.55		
20+5	1	99	1	0		10.06	9.81	9.92		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.3 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	21.73	21.02	22.04	21.74	0.1493
5+20	1	0	1	99		18.53	18.69	18.58		
5+20	1	24	1	0		19.04	18.93	19.00		
5+20	25	0	100	0	16-QAM	20.89	20.56	20.55	20.59	0.1146
5+20	1	0	1	99		18.47	18.79	19.40		
5+20	1	24	1	0		19.05	19.05	19.05		
5+20	25	0	100	0	64-QAM	20.91	20.64	20.91	20.61	0.1151
5+20	1	0	1	99		18.75	18.72	19.02		
5+20	1	24	1	0		19.11	18.63	19.04		
5+20	25	0	100	0	256-QAM	19.08	18.90	18.68	18.78	0.0755
5+20	1	0	1	99		8.03	9.41	8.71		
5+20	1	24	1	0		8.73	9.72	8.78		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.3 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	21.98	21.87	22.13	21.83	0.1524
15+10	1	0	1	49		18.99	19.11	19.44		
15+10	1	74	1	0		19.32	19.09	19.35		
15+10	75	0	50	0	16-QAM	20.79	20.85	21.18	20.88	0.1225
15+10	1	0	1	49		19.07	19.24	19.68		
15+10	1	74	1	0		19.54	19.13	19.56		
15+10	75	0	50	0	64-QAM	20.89	20.74	20.99	20.69	0.1172
15+10	1	0	1	49		19.03	19.27	19.55		
15+10	1	74	1	0		19.37	19.09	19.33		
15+10	75	0	50	0	256-QAM	19.13	19.19	19.33	19.03	0.0800
15+10	1	0	1	49		8.62	9.90	9.25		
15+10	1	74	1	0		8.98	9.99	8.91		
10+15	50	0	75	0	QPSK	21.94	21.66	21.86	21.64	0.1459
10+15	1	0	1	74		19.00	18.78	19.27		
10+15	1	49	1	0		19.41	19.00	19.27		
10+15	50	0	75	0	16-QAM	20.91	20.83	21.12	20.82	0.1208
10+15	1	0	1	74		19.08	18.79	19.43		
10+15	1	49	1	0		19.51	19.20	19.29		
10+15	50	0	75	0	64-QAM	20.95	20.50	21.15	20.85	0.1216
10+15	1	0	1	74		18.97	18.79	19.38		
10+15	1	49	1	0		19.43	19.04	19.45		
10+15	50	0	75	0	256-QAM	19.16	18.92	19.08	18.86	0.0769
10+15	1	0	1	74		8.62	9.89	8.95		
10+15	1	49	1	0		8.93	9.77	8.84		
15+15	75	0	75	0	QPSK	21.85	22.11	22.11	21.81	0.1517
15+15	1	0	1	74		18.93	19.40	19.41		
15+15	1	74	1	0		19.35	19.31	19.30		
15+15	75	0	75	0	16-QAM	20.89	21.05	21.09	20.79	0.1199
15+15	1	0	1	74		19.04	19.53	19.48		
15+15	1	74	1	0		19.39	19.38	19.39		
15+15	75	0	75	0	64-QAM	20.91	21.11	21.07	20.81	0.1205
15+15	1	0	1	74		18.70	19.50	19.33		
15+15	1	74	1	0		19.36	19.18	19.38		
15+15	75	0	75	0	256-QAM	19.14	19.36	19.48	19.18	0.0828
15+15	1	0	1	74		8.59	8.91	9.11		
15+15	1	74	1	0		8.93	8.82	8.94		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)											
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.05	21.63	20.87	24.04	0.2535
20+20	1	0	1	99		14.96	14.87	15.08		
20+20	1	99	1	0		23.23	23.44	23.10		
20+20	100	0	100	0	16-QAM	20.04	20.55	20.33	23.13	0.2056
20+20	1	0	1	99		15.28	15.35	15.55		
20+20	1	99	1	0		22.53	22.13	21.90		
20+20	100	0	100	0	64-QAM	20.04	20.49	20.30	21.18	0.1312
20+20	1	0	1	99		15.13	15.22	15.48		
20+20	1	99	1	0		20.39	20.58	20.50		
20+20	100	0	100	0	256-QAM	18.05	18.45	18.27	19.25	0.0841
20+20	1	0	1	99		14.69	14.83	15.11		
20+20	1	99	1	0		18.47	18.65	18.52		
20+15	100	0	75	0	QPSK	21.00	21.64	20.43	23.96	0.2489
20+15	1	0	1	74		14.89	15.06	15.23		
20+15	1	99	1	0		23.03	23.36	23.04		
20+15	100	0	75	0	16-QAM	20.01	20.55	20.24	23.42	0.2198
20+15	1	0	1	74		15.38	15.63	15.64		
20+15	1	99	1	0		22.35	22.82	21.84		
20+15	100	0	75	0	64-QAM	19.61	20.54	20.22	21.33	0.1358
20+15	1	0	1	74		15.34	15.40	15.56		
20+15	1	99	1	0		20.41	20.73	20.48		
20+15	100	0	75	0	256-QAM	18.06	18.52	18.25	19.27	0.0845
20+15	1	0	1	74		14.87	15.01	15.23		
20+15	1	99	1	0		18.36	18.67	18.52		
15+20	75	0	100	0	QPSK	20.96	20.97	21.21	23.85	0.2427
15+20	1	0	1	99		14.66	14.87	15.03		
15+20	1	74	1	0		23.00	23.25	23.22		
15+20	75	0	100	0	16-QAM	19.55	20.42	20.14	23.16	0.2070
15+20	1	0	1	99		15.09	15.22	15.39		
15+20	1	74	1	0		21.81	22.56	22.54		
15+20	75	0	100	0	64-QAM	19.95	20.01	20.18	21.28	0.1343
15+20	1	0	1	99		15.04	15.17	15.30		
15+20	1	74	1	0		20.44	20.68	20.55		
15+20	75	0	100	0	256-QAM	18.00	18.43	18.21	19.22	0.0836
15+20	1	0	1	99		14.63	14.74	15.15		
15+20	1	74	1	0		18.62	18.61	18.59		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.96	21.57	20.85	23.98	0.2500
20+10	1	0	1	74		14.92	15.33	15.24		
20+10	1	99	1	0		23.31	23.36	23.38		
20+10	100	0	75	0	16-QAM	19.96	20.62	20.29	23.11	0.2046
20+10	1	0	1	74		15.31	15.79	15.71		
20+10	1	99	1	0		22.39	22.09	22.51		
20+10	100	0	75	0	64-QAM	20.00	20.57	20.39	21.35	0.1365
20+10	1	0	1	74		15.16	15.64	15.64		
20+10	1	99	1	0		20.43	20.75	20.45		
20+10	100	0	75	0	256-QAM	18.02	18.61	18.19	19.21	0.0834
20+10	1	0	1	74		14.84	15.11	15.33		
20+10	1	99	1	0		18.47	18.55	18.38		
10+20	75	0	100	0	QPSK	21.17	21.51	21.25	23.80	0.2399
10+20	1	0	1	99		14.63	14.95	14.92		
10+20	1	74	1	0		23.00	23.20	23.08		
10+20	75	0	100	0	16-QAM	20.16	20.50	19.84	23.24	0.2109
10+20	1	0	1	99		14.96	15.48	15.31		
10+20	1	74	1	0		22.60	22.64	22.57		
10+20	75	0	100	0	64-QAM	20.15	20.52	20.24	21.14	0.1300
10+20	1	0	1	99		15.05	15.26	15.31		
10+20	1	74	1	0		20.48	20.51	20.54		
10+20	75	0	100	0	256-QAM	18.13	18.46	18.23	19.18	0.0828
10+20	1	0	1	99		14.58	14.78	14.97		
10+20	1	74	1	0		18.51	18.58	18.52		
15+15	75	0	100	0	QPSK	21.26	21.62	21.33	23.99	0.2506
15+15	1	0	1	99		14.78	15.10	15.00		
15+15	1	74	1	0		23.14	23.39	23.12		
15+15	75	0	100	0	16-QAM	20.19	20.56	20.22	23.35	0.2163
15+15	1	0	1	99		15.39	15.65	15.37		
15+15	1	74	1	0		22.49	22.75	22.50		
15+15	75	0	100	0	64-QAM	20.15	20.59	20.21	21.31	0.1352
15+15	1	0	1	99		15.20	15.57	15.62		
15+15	1	74	1	0		19.91	20.71	20.47		
15+15	75	0	100	0	256-QAM	18.17	18.61	18.23	19.22	0.0836
15+15	1	0	1	99		14.91	15.03	15.30		
15+15	1	74	1	0		18.54	18.62	18.57		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	100	0	QPSK	21.36	21.69	21.32	23.80	0.2399
15+10	1	0	1	99		14.93	15.29	15.08		
15+10	1	74	1	0		23.02	23.20	23.13		
15+10	75	0	100	0	16-QAM	20.26	20.16	20.24	23.22	0.2099
15+10	1	0	1	99		15.47	15.74	15.58		
15+10	1	74	1	0		22.03	22.62	22.50		
15+10	75	0	100	0	64-QAM	20.29	20.64	20.29	21.32	0.1355
15+10	1	0	1	99		15.27	15.85	15.56		
15+10	1	74	1	0		20.55	20.72	20.44		
15+10	75	0	100	0	256-QAM	18.25	18.60	18.28	19.21	0.0834
15+10	1	0	1	99		14.95	15.14	15.40		
15+10	1	74	1	0		18.48	18.61	18.46		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.69	20.53	20.37	23.23	0.2104
20+20	1	0	1	99		14.61	14.32	14.38		
20+20	1	99	1	0		22.63	22.54	22.37		
20+20	100	0	100	0	16-QAM	19.78	19.60	19.53	22.92	0.1959
20+20	1	0	1	99		15.13	15.05	14.87		
20+20	1	99	1	0		22.14	22.32	21.97		
20+20	100	0	100	0	64-QAM	19.76	19.62	19.53	20.60	0.1148
20+20	1	0	1	99		14.87	14.83	14.75		
20+20	1	99	1	0		20.00	19.95	19.83		
20+20	100	0	100	0	256-QAM	17.77	17.57	17.54	18.62	0.0728
20+20	1	0	1	99		15.03	14.79	14.66		
20+20	1	99	1	0		18.02	17.98	17.83		
20+15	100	0	75	0	QPSK	20.69	20.55	20.51	23.19	0.2084
20+15	1	0	1	74		14.58	14.35	14.44		
20+15	1	99	1	0		22.59	22.54	22.40		
20+15	100	0	75	0	16-QAM	19.74	19.63	19.59	22.74	0.1879
20+15	1	0	1	74		14.96	14.98	15.24		
20+15	1	99	1	0		22.11	22.14	22.00		
20+15	100	0	75	0	64-QAM	19.78	19.60	19.60	20.80	0.1202
20+15	1	0	1	74		15.26	14.87	15.14		
20+15	1	99	1	0		20.20	20.05	19.90		
20+15	100	0	75	0	256-QAM	17.75	17.60	17.58	18.60	0.0724
20+15	1	0	1	74		14.85	14.81	14.92		
20+15	1	99	1	0		17.96	18.00	17.95		
15+20	75	0	100	0	QPSK	20.74	20.55	20.53	23.17	0.2075
15+20	1	0	1	99		14.61	14.26	14.36		
15+20	1	74	1	0		22.57	22.50	22.34		
15+20	75	0	100	0	16-QAM	19.78	19.62	19.54	22.71	0.1866
15+20	1	0	1	99		14.93	14.79	14.73		
15+20	1	74	1	0		22.11	22.03	21.86		
15+20	75	0	100	0	64-QAM	19.83	19.61	19.61	20.68	0.1169
15+20	1	0	1	99		14.82	14.75	14.93		
15+20	1	74	1	0		20.08	19.94	20.03		
15+20	75	0	100	0	256-QAM	17.76	17.60	17.56	18.64	0.0731
15+20	1	0	1	99		14.85	14.80	14.72		
15+20	1	74	1	0		18.04	17.92	17.78		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.72	20.54	20.52	23.22	0.2099
20+10	1	0	1	49		14.64	14.38	14.48		
20+10	1	99	1	0		22.62	22.54	22.45		
20+10	100	0	50	0	16-QAM	19.86	19.62	19.65	22.79	0.1901
20+10	1	0	1	49		15.11	15.20	15.04		
20+10	1	99	1	0		22.19	22.11	22.03		
20+10	100	0	50	0	64-QAM	19.79	19.58	19.63	20.68	0.1169
20+10	1	0	1	49		15.42	14.93	15.18		
20+10	1	99	1	0		20.02	20.08	19.88		
20+10	100	0	50	0	256-QAM	17.80	17.63	17.63	18.87	0.0771
20+10	1	0	1	49		14.98	14.87	14.82		
20+10	1	99	1	0		18.27	17.92	17.88		
10+20	50	0	100	0	QPSK	20.79	20.66	20.55	23.20	0.2089
10+20	1	0	1	99		14.66	14.44	14.43		
10+20	1	49	1	0		22.60	22.50	22.34		
10+20	50	0	100	0	16-QAM	19.84	19.71	19.61	22.74	0.1879
10+20	1	0	1	99		15.06	15.03	14.71		
10+20	1	49	1	0		22.14	22.00	21.79		
10+20	50	0	100	0	64-QAM	19.90	19.75	19.66	20.76	0.1191
10+20	1	0	1	99		15.07	14.88	15.07		
10+20	1	49	1	0		20.16	19.94	19.96		
10+20	50	0	100	0	256-QAM	17.87	17.74	17.68	18.67	0.0736
10+20	1	0	1	99		15.12	14.92	14.83		
10+20	1	49	1	0		18.07	17.80	17.72		
20+5	100	0	25	0	QPSK	20.71	20.59	20.52	23.23	0.2104
20+5	1	0	1	24		14.66	14.43	14.50		
20+5	1	99	1	0		22.63	22.53	22.51		
20+5	100	0	25	0	16-QAM	19.76	19.65	19.60	22.63	0.1832
20+5	1	0	1	24		15.13	14.95	15.21		
20+5	1	99	1	0		21.97	22.03	21.97		
20+5	100	0	25	0	64-QAM	19.77	19.64	19.61	20.81	0.1205
20+5	1	0	1	24		15.09	14.83	15.07		
20+5	1	99	1	0		20.21	19.92	20.11		
20+5	100	0	25	0	256-QAM	17.79	17.64	17.62	18.63	0.0729
20+5	1	0	1	24		14.95	14.68	14.91		
20+5	1	99	1	0		18.03	17.88	17.93		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)											
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.83	20.67	20.58	23.17	0.2075
5+20	1	0	1	99		14.62	14.43	14.39		
5+20	1	24	1	0		22.57	22.43	22.31		
5+20	25	0	100	0	16-QAM	19.97	19.71	19.64	22.49	0.1774
5+20	1	0	1	99		15.11	15.17	14.75		
5+20	1	24	1	0		21.89	21.87	21.78		
5+20	25	0	100	0	64-QAM	19.91	19.82	19.68	20.97	0.1250
5+20	1	0	1	99		15.17	14.85	14.90		
5+20	1	24	1	0		20.01	20.37	19.95		
5+20	25	0	100	0	256-QAM	17.88	17.71	17.64	18.57	0.0719
5+20	1	0	1	99		15.28	14.88	14.93		
5+20	1	24	1	0		17.97	17.97	17.71		
15+10	75	0	50	0	QPSK	20.78	20.58	20.54	23.20	0.2089
15+10	1	0	1	49		14.65	14.40	14.44		
15+10	1	74	1	0		22.60	22.48	22.41		
15+10	75	0	50	0	16-QAM	19.81	19.64	19.58	22.72	0.1871
15+10	1	0	1	49		15.01	14.97	14.93		
15+10	1	74	1	0		21.95	22.12	21.98		
15+10	75	0	50	0	64-QAM	19.84	19.66	19.62	20.85	0.1216
15+10	1	0	1	49		14.95	15.02	14.80		
15+10	1	74	1	0		20.01	20.25	20.03		
15+10	75	0	50	0	256-QAM	17.79	17.62	17.60	18.65	0.0733
15+10	1	0	1	49		15.01	14.89	14.81		
15+10	1	74	1	0		18.05	17.97	17.71		
10+15	50	0	75	0	QPSK	21.07	20.79	20.68	23.45	0.2213
10+15	1	0	1	74		14.92	14.58	14.57		
10+15	1	49	1	0		22.85	22.63	22.50		
10+15	50	0	75	0	16-QAM	20.10	19.80	19.73	23.02	0.2004
10+15	1	0	1	74		15.53	15.07	14.94		
10+15	1	49	1	0		22.42	22.26	21.94		
10+15	50	0	75	0	64-QAM	20.14	19.88	19.78	20.93	0.1239
10+15	1	0	1	74		15.26	15.03	15.02		
10+15	1	49	1	0		20.33	20.19	19.83		
10+15	50	0	75	0	256-QAM	18.17	17.86	17.81	19.01	0.0796
10+15	1	0	1	74		15.35	15.05	15.00		
10+15	1	49	1	0		18.41	17.91	17.88		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
15+15	75	0	75	0	QPSK	20.84	20.66	20.60	23.26	0.2118
15+15	1	0	1	74		14.61	14.39	14.46		
15+15	1	74	1	0		22.66	22.55	22.42		
15+15	75	0	75	0	16-QAM	19.85	19.69	19.67	22.84	0.1923
15+15	1	0	1	74		15.06	15.04	14.97		
15+15	1	74	1	0		22.15	22.24	21.86		
15+15	75	0	75	0	64-QAM	19.90	19.76	19.57	20.72	0.1180
15+15	1	0	1	74		14.96	14.71	15.07		
15+15	1	74	1	0		20.02	20.11	20.12		
15+15	75	0	75	0	256-QAM	17.85	17.65	17.56	18.79	0.0757
15+15	1	0	1	74		15.23	14.78	14.95		
15+15	1	74	1	0		18.19	18.17	17.82		
Limit	EIRP < 2W					Result			Pass	

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<ASDIV Antenna>

LTE Band 2 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	23.60	23.64	23.54	22.84	0.1923
20	1	49		23.54	23.50	23.55		
20	1	99		23.51	23.44	23.56		
20	50	0		22.65	22.69	22.68		
20	50	24		22.64	22.63	22.67		
20	50	50		22.62	22.62	22.67		
20	100	0		22.63	22.66	22.65		
20	1	0	16-QAM	22.86	22.87	22.82	22.07	0.1611
20	1	49		22.79	22.80	22.81		
20	1	99		22.85	22.74	22.81		
20	50	0		21.64	21.63	21.65		
20	50	24		21.67	21.63	21.69		
20	50	50		21.64	21.60	21.70		
20	100	0		21.63	21.63	21.67		
20	1	0	64-QAM	21.78	21.79	21.72	20.99	0.1256
20	1	49		21.78	21.67	21.77		
20	1	99		21.79	21.62	21.77		
20	50	0		20.68	20.67	20.68		
20	50	24		20.70	20.67	20.72		
20	50	50		20.68	20.62	20.73		
20	100	0		20.67	20.64	20.69		
20	1	0	256-QAM	18.46	18.52	18.59	17.92	0.0619
20	1	49		18.50	18.43	18.55		
20	1	99		18.55	18.53	18.71		
20	50	0		18.60	18.58	18.63		
20	50	24		18.66	18.55	18.68		
20	50	50		18.65	18.58	18.72		
20	100	0		18.64	18.58	18.65		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.51	23.63	23.61	22.83	0.1919
15	1	37		23.35	23.48	23.49		
15	1	74		23.49	23.57	23.61		
15	36	0		22.57	22.70	22.71		
15	36	20		22.57	22.70	22.73		
15	36	39		22.57	22.68	22.74		
15	75	0		22.58	22.71	22.71		
15	1	0	16-QAM	22.69	22.95	22.91	22.17	0.1648
15	1	37		22.76	22.82	22.97		
15	1	74		22.72	22.81	22.89		
15	36	0		21.56	21.72	21.72		
15	36	20		21.57	21.69	21.74		
15	36	39		21.57	21.69	21.75		
15	75	0		21.55	21.71	21.73		
15	1	0	64-QAM	21.66	21.82	21.75	21.02	0.1265
15	1	37		21.61	21.74	21.75		
15	1	74		21.60	21.74	21.81		
15	36	0		20.57	20.73	20.75		
15	36	20		20.59	20.71	20.77		
15	36	39		20.57	20.69	20.80		
15	75	0		20.56	20.71	20.74		
15	1	0	256-QAM	18.41	18.45	18.55	17.85	0.0610
15	1	37		18.46	18.36	18.49		
15	1	74		18.48	18.48	18.62		
15	36	0		18.54	18.58	18.53		
15	36	20		18.60	18.51	18.65		
15	36	39		18.56	18.50	18.63		
15	75	0		18.56	18.51	18.63		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.51	23.59	23.60	22.80	0.1905
10	1	25		23.42	23.51	23.52		
10	1	49		23.51	23.53	23.59		
10	25	0		22.53	22.63	22.65		
10	25	12		22.54	22.61	22.64		
10	25	25		22.57	22.61	22.67		
10	50	0		22.58	22.64	22.68		
10	1	0	16-QAM	22.77	22.88	22.88	22.08	0.1614
10	1	25		22.62	22.75	22.77		
10	1	49		22.74	22.76	22.82		
10	25	0		21.53	21.63	21.67		
10	25	12		21.56	21.63	21.67		
10	25	25		21.57	21.62	21.71		
10	50	0		21.56	21.63	21.70		
10	1	0	64-QAM	21.66	21.68	21.74	20.95	0.1245
10	1	25		21.63	21.64	21.71		
10	1	49		21.68	21.66	21.75		
10	25	0		20.54	20.63	20.67		
10	25	12		20.54	20.62	20.67		
10	25	25		20.57	20.64	20.69		
10	50	0		20.58	20.64	20.71		
10	1	0	256-QAM	18.39	18.42	18.52	17.86	0.0611
10	1	25		18.41	18.36	18.48		
10	1	49		18.45	18.52	18.61		
10	25	0		18.56	18.58	18.55		
10	25	12		18.58	18.49	18.63		
10	25	25		18.59	18.54	18.66		
10	50	0		18.59	18.57	18.63		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.48	23.55	23.60	22.80	0.1905
5	1	12		23.46	23.54	23.59		
5	1	24		23.46	23.51	23.57		
5	12	0		22.51	22.59	22.63		
5	12	7		22.52	22.61	22.65		
5	12	13		22.52	22.57	22.64		
5	25	0		22.54	22.61	22.65		
5	1	0	16-QAM	22.67	22.77	22.84	22.05	0.1603
5	1	12		22.68	22.69	22.85		
5	1	24		22.64	22.70	22.78		
5	12	0		21.55	21.63	21.67		
5	12	7		21.57	21.65	21.67		
5	12	13		21.57	21.63	21.68		
5	25	0		21.54	21.63	21.67		
5	1	0	64-QAM	21.59	21.71	21.78	20.99	0.1256
5	1	12		21.54	21.55	21.67		
5	1	24		21.57	21.61	21.79		
5	12	0		20.54	20.63	20.69		
5	12	7		20.56	20.62	20.69		
5	12	13		20.55	20.60	20.66		
5	25	0		20.54	20.62	20.69		
5	1	0	256-QAM	18.40	18.44	18.54	17.91	0.0618
5	1	12		18.42	18.43	18.45		
5	1	24		18.54	18.45	18.61		
5	12	0		18.55	18.48	18.58		
5	12	7		18.57	18.47	18.67		
5	12	13		18.57	18.50	18.71		
5	25	0		18.57	18.49	18.61		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.45	23.54	23.58	22.78	0.1897
3	1	8		23.39	23.47	23.52		
3	1	14		23.42	23.49	23.54		
3	8	0		22.45	22.55	22.63		
3	8	4		22.47	22.54	22.62		
3	8	7		22.49	22.56	22.64		
3	15	0		22.49	22.57	22.64		
3	1	0	16-QAM	22.67	22.76	22.80	22.00	0.1585
3	1	8		22.62	22.69	22.69		
3	1	14		22.61	22.69	22.73		
3	8	0		21.50	21.59	21.66		
3	8	4		21.53	21.59	21.66		
3	8	7		21.55	21.61	21.71		
3	15	0		21.50	21.59	21.66		
3	1	0	64-QAM	21.57	21.70	21.65	20.90	0.1230
3	1	8		21.53	21.60	21.64		
3	1	14		21.59	21.63	21.68		
3	8	0		20.49	20.58	20.64		
3	8	4		20.48	20.56	20.63		
3	8	7		20.53	20.61	20.66		
3	15	0		20.50	20.58	20.64		
3	1	0	256-QAM	18.43	18.44	18.51	17.86	0.0611
3	1	8		18.43	18.40	18.49		
3	1	14		18.55	18.45	18.66		
3	8	0		18.60	18.58	18.55		
3	8	4		18.59	18.51	18.60		
3	8	7		18.63	18.54	18.65		
3	15	0		18.58	18.52	18.60		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.46	23.50	23.54	22.79	0.1901
1.4	1	3		23.38	23.46	23.47		
1.4	1	5		23.43	23.50	23.51		
1.4	3	0		23.44	23.51	23.53		
1.4	3	1		23.44	23.57	23.59		
1.4	3	3		23.40	23.53	23.54		
1.4	6	0		22.47	22.52	22.56		
1.4	1	0	16-QAM	22.64	22.72	22.68	21.92	0.1556
1.4	1	3		22.57	22.60	22.55		
1.4	1	5		22.61	22.68	22.64		
1.4	3	0		22.53	22.61	22.59		
1.4	3	1		22.56	22.64	22.63		
1.4	3	3		22.50	22.61	22.61		
1.4	6	0		21.53	21.56	21.62		
1.4	1	0	64-QAM	21.57	21.61	21.67	20.93	0.1239
1.4	1	3		21.49	21.60	21.64		
1.4	1	5		21.56	21.62	21.64		
1.4	3	0		21.53	21.60	21.63		
1.4	3	1		21.61	21.67	21.73		
1.4	3	3		21.55	21.65	21.72		
1.4	6	0		20.56	20.54	20.59		
1.4	1	0	256-QAM	18.42	18.42	18.56	17.87	0.0612
1.4	1	3		18.46	18.42	18.46		
1.4	1	5		18.54	18.53	18.67		
1.4	3	0		18.52	18.58	18.59		
1.4	3	1		18.64	18.49	18.67		
1.4	3	3		18.65	18.51	18.66		
1.4	6	0		18.59	18.55	18.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.38	23.59	23.40	22.79	0.1901
20	1	49		23.24	23.35	23.35		
20	1	99		23.22	23.32	23.29		
20	50	0		22.38	22.49	22.45		
20	50	24		22.37	22.48	22.44		
20	50	50		22.35	22.43	22.43		
20	100	0		22.37	22.45	22.44		
20	1	0	16-QAM	22.55	22.78	22.67	21.98	0.1578
20	1	49		22.55	22.67	22.69		
20	1	99		22.57	22.64	22.65		
20	50	0		21.38	21.47	21.43		
20	50	24		21.38	21.47	21.45		
20	50	50		21.38	21.44	21.45		
20	100	0		21.37	21.46	21.42		
20	1	0	64-QAM	21.47	21.64	21.50	20.84	0.1213
20	1	49		21.41	21.51	21.50		
20	1	99		21.51	21.52	21.50		
20	50	0		20.42	20.52	20.44		
20	50	24		20.44	20.52	20.49		
20	50	50		20.42	20.49	20.48		
20	100	0		20.42	20.50	20.45		
20	1	0	256-QAM	18.54	18.64	18.73	18.00	0.0631
20	1	49		18.60	18.47	18.65		
20	1	99		18.62	18.59	18.80		
20	50	0		18.54	18.65	18.56		
20	50	24		18.65	18.56	18.61		
20	50	50		18.60	18.56	18.70		
20	100	0		18.67	18.60	18.58		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.30	23.48	23.46	22.68	0.1854
15	1	37		23.23	23.32	23.31		
15	1	74		23.29	23.38	23.32		
15	36	0		22.37	22.51	22.47		
15	36	20		22.40	22.50	22.49		
15	36	39		22.40	22.49	22.48		
15	75	0		22.40	22.50	22.45		
15	1	0	16-QAM	22.61	22.78	22.73	21.98	0.1578
15	1	37		22.65	22.75	22.76		
15	1	74		22.63	22.69	22.68		
15	36	0		21.40	21.53	21.48		
15	36	20		21.42	21.52	21.50		
15	36	39		21.42	21.50	21.50		
15	75	0		21.42	21.53	21.46		
15	1	0	64-QAM	21.45	21.70	21.68	20.90	0.1230
15	1	37		21.41	21.45	21.48		
15	1	74		21.55	21.58	21.53		
15	36	0		20.43	20.56	20.50		
15	36	20		20.44	20.55	20.52		
15	36	39		20.46	20.55	20.54		
15	75	0		20.43	20.55	20.48		
15	1	0	256-QAM	18.53	18.63	18.64	17.98	0.0628
15	1	37		18.50	18.40	18.58		
15	1	74		18.54	18.50	18.78		
15	36	0		18.49	18.55	18.56		
15	36	20		18.59	18.52	18.61		
15	36	39		18.53	18.46	18.63		
15	75	0		18.59	18.60	18.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.33	23.51	23.53	22.73	0.1875
10	1	25		23.22	23.37	23.39		
10	1	49		23.32	23.46	23.42		
10	25	0		22.38	22.55	22.53		
10	25	12		22.39	22.55	22.55		
10	25	25		22.40	22.54	22.56		
10	50	0		22.44	22.58	22.56		
10	1	0	16-QAM	22.69	22.86	22.79	22.06	0.1607
10	1	25		22.64	22.70	22.69		
10	1	49		22.70	22.70	22.71		
10	25	0		21.42	21.57	21.55		
10	25	12		21.43	21.55	21.55		
10	25	25		21.44	21.55	21.55		
10	50	0		21.45	21.59	21.55		
10	1	0	64-QAM	21.48	21.63	21.68	20.88	0.1225
10	1	25		21.52	21.59	21.65		
10	1	49		21.55	21.60	21.61		
10	25	0		20.42	20.58	20.56		
10	25	12		20.45	20.56	20.57		
10	25	25		20.45	20.59	20.60		
10	50	0		20.47	20.62	20.60		
10	1	0	256-QAM	18.53	18.64	18.65	17.90	0.0617
10	1	25		18.60	18.40	18.58		
10	1	49		18.52	18.59	18.70		
10	25	0		18.54	18.59	18.51		
10	25	12		18.63	18.51	18.59		
10	25	25		18.56	18.48	18.62		
10	50	0		18.64	18.58	18.58		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.27	23.45	23.41	22.66	0.1845
5	1	12		23.35	23.46	23.40		
5	1	24		23.31	23.41	23.32		
5	12	0		22.33	22.48	22.43		
5	12	7		22.36	22.49	22.44		
5	12	13		22.33	22.47	22.41		
5	25	0		22.35	22.51	22.45		
5	1	0	16-QAM	22.58	22.74	22.68	21.94	0.1563
5	1	12		22.63	22.71	22.65		
5	1	24		22.56	22.67	22.58		
5	12	0		21.40	21.53	21.46		
5	12	7		21.39	21.53	21.49		
5	12	13		21.39	21.51	21.48		
5	25	0		21.39	21.53	21.46		
5	1	0	64-QAM	21.46	21.56	21.51	20.76	0.1191
5	1	12		21.48	21.47	21.39		
5	1	24		21.50	21.51	21.43		
5	12	0		20.37	20.52	20.45		
5	12	7		20.38	20.53	20.46		
5	12	13		20.40	20.53	20.47		
5	25	0		20.40	20.53	20.45		
5	1	0	256-QAM	18.53	18.60	18.72	17.99	0.0630
5	1	12		18.53	18.41	18.60		
5	1	24		18.57	18.50	18.79		
5	12	0		18.51	18.59	18.50		
5	12	7		18.59	18.47	18.60		
5	12	13		18.57	18.56	18.63		
5	25	0		18.60	18.52	18.57		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.34	23.46	23.42	22.66	0.1845
3	1	8		23.27	23.42	23.31		
3	1	14		23.32	23.43	23.29		
3	8	0		22.37	22.50	22.38		
3	8	4		22.36	22.48	22.37		
3	8	7		22.40	22.49	22.39		
3	15	0		22.38	22.50	22.39		
3	1	0	16-QAM	22.60	22.70	22.63	21.90	0.1549
3	1	8		22.54	22.66	22.55		
3	1	14		22.60	22.66	22.55		
3	8	0		21.40	21.52	21.42		
3	8	4		21.40	21.56	21.45		
3	8	7		21.43	21.57	21.50		
3	15	0		21.42	21.54	21.44		
3	1	0	64-QAM	21.50	21.61	21.54	20.81	0.1205
3	1	8		21.49	21.51	21.44		
3	1	14		21.50	21.57	21.47		
3	8	0		20.41	20.51	20.42		
3	8	4		20.42	20.52	20.43		
3	8	7		20.47	20.54	20.47		
3	15	0		20.42	20.53	20.46		
3	1	0	256-QAM	18.46	18.61	18.65	18.00	0.0631
3	1	8		18.52	18.42	18.65		
3	1	14		18.52	18.55	18.80		
3	8	0		18.49	18.63	18.52		
3	8	4		18.55	18.53	18.60		
3	8	7		18.50	18.46	18.66		
3	15	0		18.63	18.51	18.57		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.34	23.45	23.33	22.65	0.1841
1.4	1	3		23.24	23.36	23.23		
1.4	1	5		23.35	23.43	23.24		
1.4	3	0		23.31	23.45	23.29		
1.4	3	1		23.35	23.45	23.33		
1.4	3	3		23.31	23.44	23.29		
1.4	6	0		22.31	22.46	22.32		
1.4	1	0	16-QAM	22.55	22.71	22.56	21.91	0.1552
1.4	1	3		22.48	22.54	22.45		
1.4	1	5		22.60	22.68	22.50		
1.4	3	0		22.46	22.56	22.44		
1.4	3	1		22.50	22.57	22.43		
1.4	3	3		22.48	22.49	22.37		
1.4	6	0		21.39	21.52	21.38		
1.4	1	0	64-QAM	21.47	21.59	21.51	20.82	0.1208
1.4	1	3		21.40	21.53	21.41		
1.4	1	5		21.49	21.54	21.46		
1.4	3	0		21.46	21.57	21.44		
1.4	3	1		21.52	21.62	21.50		
1.4	3	3		21.48	21.59	21.45		
1.4	6	0		20.36	20.47	20.35		
1.4	1	0	256-QAM	18.52	18.61	18.68	17.95	0.0624
1.4	1	3		18.52	18.43	18.59		
1.4	1	5		18.57	18.51	18.75		
1.4	3	0		18.45	18.56	18.46		
1.4	3	1		18.62	18.49	18.55		
1.4	3	3		18.58	18.46	18.65		
1.4	6	0		18.58	18.55	18.55		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.49	23.50	23.45	23.10	0.2042
20	1	49		23.45	23.42	23.35		
20	1	99		23.47	23.40	23.28		
20	50	0		22.55	22.56	22.47		
20	50	24		22.54	22.53	22.45		
20	50	50		22.53	22.50	22.40		
20	100	0		22.53	22.54	22.41		
20	1	0	16-QAM	22.73	22.80	22.68	22.40	0.1738
20	1	49		22.71	22.69	22.68		
20	1	99		22.80	22.73	22.63		
20	50	0		21.56	21.53	21.47		
20	50	24		21.59	21.55	21.46		
20	50	50		21.58	21.54	21.44		
20	100	0		21.56	21.54	21.43		
20	1	0	64-QAM	21.71	21.66	21.62	21.31	0.1352
20	1	49		21.68	21.61	21.55		
20	1	99		21.71	21.63	21.54		
20	50	0		20.59	20.58	20.52		
20	50	24		20.63	20.60	20.51		
20	50	50		20.62	20.57	20.48		
20	100	0		20.59	20.57	20.48		
20	1	0	256-QAM	18.43	18.46	18.53	18.30	0.0676
20	1	49		18.49	18.37	18.46		
20	1	99		18.50	18.44	18.70		
20	50	0		18.52	18.57	18.56		
20	50	24		18.60	18.49	18.60		
20	50	50		18.55	18.49	18.67		
20	100	0		18.60	18.51	18.57		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.47	23.49	23.48	23.09	0.2037
15	1	37		23.45	23.46	23.37		
15	1	74		23.45	23.48	23.38		
15	36	0		22.57	22.60	22.51		
15	36	20		22.60	22.58	22.50		
15	36	39		22.59	22.58	22.48		
15	75	0		22.62	22.58	22.48		
15	1	0	16-QAM	22.78	22.84	22.81	22.45	0.1758
15	1	37		22.76	22.85	22.83		
15	1	74		22.81	22.80	22.74		
15	36	0		21.59	21.61	21.53		
15	36	20		21.60	21.62	21.52		
15	36	39		21.61	21.61	21.51		
15	75	0		21.60	21.61	21.50		
15	1	0	64-QAM	21.65	21.72	21.66	21.32	0.1355
15	1	37		21.67	21.69	21.59		
15	1	74		21.72	21.66	21.55		
15	36	0		20.61	20.67	20.56		
15	36	20		20.63	20.64	20.56		
15	36	39		20.65	20.64	20.56		
15	75	0		20.61	20.65	20.53		
15	1	0	256-QAM	18.38	18.38	18.49	18.30	0.0676
15	1	37		18.44	18.30	18.45		
15	1	74		18.50	18.42	18.70		
15	36	0		18.43	18.50	18.51		
15	36	20		18.52	18.41	18.52		
15	36	39		18.46	18.39	18.58		
15	75	0		18.58	18.51	18.52		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.48	23.49	23.43	23.09	0.2037
10	1	25		23.37	23.37	23.27		
10	1	49		23.47	23.45	23.35		
10	25	0		22.51	22.49	22.43		
10	25	12		22.51	22.50	22.40		
10	25	25		22.52	22.52	22.40		
10	50	0		22.54	22.54	22.42		
10	1	0	16-QAM	22.79	22.84	22.75	22.44	0.1754
10	1	25		22.71	22.80	22.66		
10	1	49		22.81	22.78	22.67		
10	25	0		21.53	21.53	21.45		
10	25	12		21.56	21.55	21.45		
10	25	25		21.57	21.54	21.45		
10	50	0		21.57	21.54	21.47		
10	1	0	64-QAM	21.58	21.68	21.64	21.28	0.1343
10	1	25		21.60	21.68	21.60		
10	1	49		21.67	21.68	21.61		
10	25	0		20.54	20.56	20.46		
10	25	12		20.55	20.54	20.44		
10	25	25		20.58	20.57	20.47		
10	50	0		20.59	20.59	20.48		
10	1	0	256-QAM	18.41	18.40	18.48	18.26	0.0670
10	1	25		18.41	18.35	18.46		
10	1	49		18.48	18.38	18.66		
10	25	0		18.44	18.51	18.47		
10	25	12		18.54	18.47	18.54		
10	25	25		18.49	18.40	18.64		
10	50	0		18.53	18.43	18.49		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.46	23.48	23.38	23.08	0.2032
5	1	12		23.48	23.48	23.38		
5	1	24		23.44	23.44	23.33		
5	12	0		22.49	22.48	22.40		
5	12	7		22.52	22.51	22.40		
5	12	13		22.51	22.49	22.39		
5	25	0		22.51	22.48	22.41		
5	1	0	16-QAM	22.76	22.76	22.64	22.40	0.1738
5	1	12		22.76	22.80	22.61		
5	1	24		22.71	22.74	22.55		
5	12	0		21.53	21.57	21.45		
5	12	7		21.56	21.58	21.47		
5	12	13		21.55	21.59	21.46		
5	25	0		21.55	21.53	21.44		
5	1	0	64-QAM	21.62	21.61	21.54	21.29	0.1346
5	1	12		21.68	21.66	21.45		
5	1	24		21.69	21.67	21.52		
5	12	0		20.54	20.57	20.47		
5	12	7		20.53	20.55	20.48		
5	12	13		20.55	20.54	20.47		
5	25	0		20.57	20.54	20.44		
5	1	0	256-QAM	18.43	18.37	18.44	18.28	0.0673
5	1	12		18.47	18.27	18.41		
5	1	24		18.45	18.41	18.68		
5	12	0		18.50	18.50	18.54		
5	12	7		18.59	18.45	18.50		
5	12	13		18.55	18.48	18.61		
5	25	0		18.58	18.44	18.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.47	23.44	23.35	23.07	0.2028
3	1	8		23.41	23.39	23.29		
3	1	14		23.44	23.42	23.31		
3	8	0		22.48	22.46	22.37		
3	8	4		22.50	22.45	22.36		
3	8	7		22.55	22.51	22.36		
3	15	0		22.51	22.49	22.39		
3	1	0	16-QAM	22.72	22.74	22.62	22.34	0.1714
3	1	8		22.67	22.65	22.58		
3	1	14		22.67	22.67	22.62		
3	8	0		21.52	21.53	21.45		
3	8	4		21.52	21.52	21.46		
3	8	7		21.56	21.54	21.48		
3	15	0		21.53	21.51	21.44		
3	1	0	64-QAM	21.56	21.61	21.50	21.21	0.1321
3	1	8		21.56	21.61	21.49		
3	1	14		21.60	21.60	21.51		
3	8	0		20.52	20.56	20.45		
3	8	4		20.55	20.55	20.46		
3	8	7		20.59	20.61	20.50		
3	15	0		20.55	20.52	20.45		
3	1	0	256-QAM	18.36	18.43	18.48	18.26	0.0670
3	1	8		18.40	18.30	18.44		
3	1	14		18.43	18.42	18.66		
3	8	0		18.44	18.49	18.55		
3	8	4		18.59	18.46	18.59		
3	8	7		18.48	18.41	18.58		
3	15	0		18.53	18.42	18.47		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.46	23.42	23.34	23.08	0.2032
1.4	1	3		23.37	23.35	23.24		
1.4	1	5		23.45	23.41	23.31		
1.4	3	0		23.44	23.44	23.34		
1.4	3	1		23.48	23.44	23.41		
1.4	3	3		23.41	23.41	23.35		
1.4	6	0		22.47	22.44	22.35		
1.4	1	0	16-QAM	22.70	22.66	22.60	22.30	0.1698
1.4	1	3		22.60	22.53	22.49		
1.4	1	5		22.69	22.64	22.57		
1.4	3	0		22.56	22.56	22.43		
1.4	3	1		22.62	22.54	22.47		
1.4	3	3		22.58	22.54	22.42		
1.4	6	0		21.49	21.49	21.41		
1.4	1	0	64-QAM	21.64	21.62	21.52	21.27	0.1340
1.4	1	3		21.55	21.51	21.45		
1.4	1	5		21.63	21.61	21.48		
1.4	3	0		21.60	21.55	21.43		
1.4	3	1		21.67	21.62	21.51		
1.4	3	3		21.60	21.59	21.49		
1.4	6	0		20.50	20.46	20.40		
1.4	1	0	256-QAM	18.40	18.44	18.44	18.24	0.0667
1.4	1	3		18.49	18.30	18.44		
1.4	1	5		18.45	18.38	18.64		
1.4	3	0		18.52	18.56	18.53		
1.4	3	1		18.50	18.40	18.55		
1.4	3	3		18.49	18.42	18.64		
1.4	6	0		18.56	18.45	18.56		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.29	24.30	24.18	15.25	0.0335
10	1	25		24.27	24.21	24.15		
10	1	49		24.28	24.21	24.17		
10	25	0		23.52	23.53	23.37		
10	25	12		23.51	23.39	23.35		
10	25	25		23.51	23.37	23.34		
10	50	0		23.50	23.52	23.40		
10	1	0	16-QAM	23.73	23.60	23.61	14.68	0.0294
10	1	25		23.68	23.56	23.55		
10	1	49		23.64	23.66	23.43		
10	25	0		22.55	22.42	22.38		
10	25	12		22.53	22.39	22.36		
10	25	25		22.50	22.40	22.33		
10	50	0		22.56	22.42	22.42		
10	1	0	64-QAM	22.73	22.62	22.62	13.68	0.0233
10	1	25		22.72	22.62	22.63		
10	1	49		22.65	22.69	22.51		
10	25	0		21.52	21.45	21.40		
10	25	12		21.52	21.43	21.41		
10	25	25		21.49	21.43	21.38		
10	50	0		21.57	21.47	21.47		
10	1	0	256-QAM	19.64	19.61	19.62	10.65	0.0116
10	1	25		19.51	19.70	19.51		
10	1	49		19.52	19.58	19.47		
10	25	0		19.61	19.59	19.65		
10	25	12		19.60	19.56	19.51		
10	25	25		19.55	19.54	19.48		
10	50	0		19.61	19.60	19.55		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.25	24.24	24.27	15.22	0.0333
5	1	12		24.27	24.27	24.26		
5	1	24		24.25	24.16	24.14		
5	12	0		23.31	23.23	23.28		
5	12	7		23.31	23.23	23.29		
5	12	13		23.31	23.23	23.26		
5	25	0		23.33	23.25	23.28		
5	1	0	16-QAM	23.52	23.47	23.55	14.53	0.0284
5	1	12		23.51	23.50	23.58		
5	1	24		23.55	23.52	23.41		
5	12	0		22.35	22.30	22.35		
5	12	7		22.35	22.33	22.31		
5	12	13		22.35	22.35	22.32		
5	25	0		22.31	22.29	22.27		
5	1	0	64-QAM	22.51	22.46	22.52	13.47	0.0222
5	1	12		22.35	22.31	22.36		
5	1	24		22.51	22.45	22.41		
5	12	0		21.40	21.33	21.38		
5	12	7		21.40	21.39	21.36		
5	12	13		21.39	21.39	21.33		
5	25	0		21.36	21.32	21.31		
5	1	0	256-QAM	19.63	19.54	19.61	10.63	0.0116
5	1	12		19.48	19.68	19.44		
5	1	24		19.47	19.52	19.41		
5	12	0		19.56	19.55	19.61		
5	12	7		19.59	19.48	19.42		
5	12	13		19.45	19.45	19.48		
5	25	0		19.61	19.56	19.45		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.28	24.27	24.28	15.23	0.0333
3	1	8		24.24	24.22	24.16		
3	1	14		24.28	24.23	24.15		
3	8	0		23.31	23.24	23.26		
3	8	4		23.32	23.28	23.24		
3	8	7		23.32	23.27	23.23		
3	15	0		23.32	23.25	23.28		
3	1	0	16-QAM	23.58	23.52	23.53	14.53	0.0284
3	1	8		23.53	23.46	23.42		
3	1	14		23.58	23.49	23.44		
3	8	0		22.37	22.33	22.31		
3	8	4		22.37	22.35	22.34		
3	8	7		22.40	22.40	22.39		
3	15	0		22.36	22.34	22.35		
3	1	0	64-QAM	22.60	22.56	22.55	13.55	0.0226
3	1	8		22.50	22.50	22.47		
3	1	14		22.52	22.55	22.49		
3	8	0		21.37	21.38	21.37		
3	8	4		21.37	21.40	21.37		
3	8	7		21.40	21.42	21.40		
3	15	0		21.37	21.36	21.39		
3	1	0	256-QAM	19.61	19.61	19.52	10.65	0.0116
3	1	8		19.46	19.70	19.50		
3	1	14		19.52	19.57	19.44		
3	8	0		19.53	19.54	19.60		
3	8	4		19.51	19.53	19.49		
3	8	7		19.49	19.46	19.39		
3	15	0		19.60	19.56	19.49		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.24	24.26	24.22	15.21	0.0332
1.4	1	3		24.16	24.21	24.11		
1.4	1	5		24.23	24.26	24.17		
1.4	3	0		24.24	24.22	24.20		
1.4	3	1		24.24	24.23	24.19		
1.4	3	3		24.18	24.22	24.14		
1.4	6	0		23.20	23.23	23.20		
1.4	1	0	16-QAM	23.54	23.50	23.48	14.49	0.0281
1.4	1	3		23.43	23.44	23.34		
1.4	1	5		23.51	23.49	23.41		
1.4	3	0		23.32	23.38	23.32		
1.4	3	1		23.36	23.40	23.33		
1.4	3	3		23.34	23.36	23.30		
1.4	6	0		22.27	22.31	22.32		
1.4	1	0	64-QAM	22.41	22.44	22.42	13.48	0.0223
1.4	1	3		22.41	22.46	22.41		
1.4	1	5		22.49	22.53	22.46		
1.4	3	0		22.35	22.43	22.38		
1.4	3	1		22.33	22.39	22.36		
1.4	3	3		22.33	22.40	22.38		
1.4	6	0		21.29	21.35	21.27		
1.4	1	0	256-QAM	19.54	19.55	19.53	10.60	0.0115
1.4	1	3		19.45	19.62	19.41		
1.4	1	5		19.44	19.53	19.39		
1.4	3	0		19.56	19.56	19.65		
1.4	3	1		19.59	19.46	19.50		
1.4	3	3		19.47	19.46	19.45		
1.4	6	0		19.59	19.52	19.49		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.94	23.95	23.92	23.55	0.2265
20	1	49		23.70	23.65	23.75		
20	1	99		23.70	23.63	23.75		
20	50	0		22.84	22.85	22.83		
20	50	24		22.81	22.80	22.82		
20	50	50		22.83	22.82	22.82		
20	100	0		22.82	22.83	22.82		
20	1	0	16-QAM	22.89	22.89	22.91	22.53	0.1791
20	1	49		22.82	22.90	22.90		
20	1	99		22.93	22.83	22.92		
20	50	0		21.81	21.80	21.84		
20	50	24		21.82	21.85	21.88		
20	50	50		21.83	21.84	21.90		
20	100	0		21.82	21.82	21.85		
20	1	0	64-QAM	21.76	21.81	21.80	21.47	0.1403
20	1	49		21.82	21.87	21.77		
20	1	99		21.86	21.87	21.78		
20	50	0		20.87	20.87	20.88		
20	50	24		20.89	20.87	20.93		
20	50	50		20.89	20.88	20.94		
20	100	0		20.86	20.86	20.90		
20	1	0	256-QAM	19.36	19.38	19.36	18.98	0.0791
20	1	49		19.25	19.23	19.21		
20	1	99		19.17	19.17	19.16		
20	50	0		19.23	19.18	19.17		
20	50	24		19.22	19.15	19.13		
20	50	50		19.20	19.07	19.09		
20	100	0		19.22	19.16	19.08		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.75	23.73	23.85	23.45	0.2213
15	1	37		23.67	23.68	23.79		
15	1	74		23.75	23.70	23.81		
15	36	0		22.85	22.83	22.93		
15	36	20		22.86	22.84	22.95		
15	36	39		22.88	22.87	22.96		
15	75	0		22.91	22.86	22.97		
15	1	0	16-QAM	22.90	22.94	23.04	22.64	0.1837
15	1	37		22.92	22.99	23.03		
15	1	74		22.89	22.90	23.02		
15	36	0		21.82	21.86	21.92		
15	36	20		21.83	21.87	21.97		
15	36	39		21.84	21.87	21.97		
15	75	0		21.88	21.87	21.94		
15	1	0	64-QAM	21.82	21.89	21.92	21.54	0.1426
15	1	37		21.87	21.83	21.90		
15	1	74		21.85	21.94	21.88		
15	36	0		20.88	20.91	20.96		
15	36	20		20.88	20.92	21.00		
15	36	39		20.89	20.93	21.01		
15	75	0		20.91	20.90	20.98		
15	1	0	256-QAM	19.35	19.28	19.36	18.96	0.0787
15	1	37		19.25	19.14	19.14		
15	1	74		19.13	19.08	19.12		
15	36	0		19.22	19.18	19.07		
15	36	20		19.14	19.12	19.08		
15	36	39		19.12	19.07	19.04		
15	75	0		19.17	19.09	18.98		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.78	23.76	23.89	23.49	0.2234
10	1	25		23.65	23.66	23.70		
10	1	49		23.75	23.74	23.83		
10	25	0		22.84	22.86	22.91		
10	25	12		22.84	22.85	22.93		
10	25	25		22.87	22.89	22.96		
10	50	0		22.87	22.91	22.95		
10	1	0	16-QAM	22.92	23.03	23.08	22.68	0.1854
10	1	25		22.78	22.96	23.00		
10	1	49		22.89	22.97	23.04		
10	25	0		21.84	21.88	21.93		
10	25	12		21.85	21.88	21.95		
10	25	25		21.86	21.92	21.97		
10	50	0		21.91	21.94	22.00		
10	1	0	64-QAM	21.88	21.97	21.93	21.57	0.1435
10	1	25		21.82	21.92	21.92		
10	1	49		21.89	21.94	21.93		
10	25	0		20.86	20.91	20.96		
10	25	12		20.87	20.91	20.96		
10	25	25		20.89	20.92	21.01		
10	50	0		20.94	20.98	21.05		
10	1	0	256-QAM	19.27	19.34	19.35	18.95	0.0785
10	1	25		19.15	19.17	19.14		
10	1	49		19.10	19.12	19.15		
10	25	0		19.18	19.16	19.15		
10	25	12		19.20	19.08	19.09		
10	25	25		19.16	19.06	19.08		
10	50	0		19.20	19.12	19.04		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.78	23.73	23.87	23.50	0.2239
5	1	12		23.74	23.76	23.90		
5	1	24		23.73	23.72	23.81		
5	12	0		22.82	22.80	22.91		
5	12	7		22.84	22.83	22.94		
5	12	13		22.83	22.81	22.92		
5	25	0		22.85	22.83	22.91		
5	1	0	16-QAM	22.87	22.97	23.02	22.62	0.1828
5	1	12		22.94	22.97	22.98		
5	1	24		22.87	22.92	22.92		
5	12	0		21.83	21.86	21.96		
5	12	7		21.86	21.87	21.97		
5	12	13		21.86	21.88	21.96		
5	25	0		21.86	21.86	21.94		
5	1	0	64-QAM	21.86	21.89	21.90	21.53	0.1422
5	1	12		21.82	21.83	21.87		
5	1	24		21.90	21.93	21.89		
5	12	0		20.86	20.90	20.95		
5	12	7		20.89	20.90	20.99		
5	12	13		20.87	20.89	20.97		
5	25	0		20.88	20.86	20.95		
5	1	0	256-QAM	19.32	19.32	19.34	18.94	0.0783
5	1	12		19.16	19.18	19.11		
5	1	24		19.11	19.09	19.14		
5	12	0		19.19	19.13	19.13		
5	12	7		19.17	19.09	19.07		
5	12	13		19.16	19.04	19.05		
5	25	0		19.20	19.08	19.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.86	23.87	23.86	13.82	0.0241
10	1	25		23.79	23.83	23.80		
10	1	49		23.85	23.84	23.85		
10	25	0		22.94	23.00	22.93		
10	25	12		22.92	22.99	22.90		
10	25	25		22.93	22.99	22.92		
10	50	0		22.94	23.02	22.91		
10	1	0	16-QAM	23.16	23.26	23.19	13.21	0.0209
10	1	25		23.18	23.22	23.15		
10	1	49		23.23	23.23	23.18		
10	25	0		21.94	22.01	21.91		
10	25	12		21.96	22.00	21.97		
10	25	25		21.97	22.02	22.00		
10	50	0		21.97	22.02	21.98		
10	1	0	64-QAM	22.08	22.15	22.13	12.18	0.0165
10	1	25		22.20	22.22	22.09		
10	1	49		22.23	22.18	22.17		
10	25	0		20.97	21.03	20.95		
10	25	12		21.01	21.04	20.97		
10	25	25		21.02	21.06	21.02		
10	50	0		21.00	21.08	21.03		
10	1	0	256-QAM	19.33	19.25	19.34	9.41	0.0087
10	1	25		19.19	19.25	19.27		
10	1	49		19.18	19.07	19.15		
10	25	0		19.45	19.46	19.43		
10	25	12		19.34	19.37	19.36		
10	25	25		19.34	19.35	19.37		
10	50	0		19.34	19.38	19.32		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.79	23.86	23.82	13.81	0.0240
5	1	12		23.84	23.85	23.84		
5	1	24		23.83	23.85	23.82		
5	12	0		22.86	22.93	22.88		
5	12	7		22.89	22.96	22.92		
5	12	13		22.89	22.96	22.90		
5	25	0		22.84	22.95	22.88		
5	1	0	16-QAM	23.11	23.22	23.15	13.25	0.0211
5	1	12		23.23	23.30	23.26		
5	1	24		23.23	23.21	23.11		
5	12	0		21.94	21.97	21.93		
5	12	7		21.96	21.98	21.95		
5	12	13		22.03	21.99	21.96		
5	25	0		21.95	21.95	21.91		
5	1	0	64-QAM	22.07	22.09	21.96	12.12	0.0163
5	1	12		21.94	22.02	21.99		
5	1	24		22.17	22.11	22.07		
5	12	0		20.95	21.00	20.95		
5	12	7		20.99	20.99	20.96		
5	12	13		21.05	21.00	20.97		
5	25	0		20.97	20.98	20.95		
5	1	0	256-QAM	19.31	19.21	19.31	9.41	0.0087
5	1	12		19.16	19.24	19.18		
5	1	24		19.11	19.07	19.05		
5	12	0		19.42	19.46	19.40		
5	12	7		19.27	19.35	19.30		
5	12	13		19.27	19.32	19.32		
5	25	0		19.24	19.35	19.24		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.86	23.86	23.83	13.81	0.0240
3	1	8		23.83	23.86	23.85		
3	1	14		23.84	23.85	23.84		
3	8	0		22.88	22.92	22.87		
3	8	4		22.89	22.91	22.87		
3	8	7		22.92	22.96	22.90		
3	15	0		22.90	22.94	22.87		
3	1	0	16-QAM	23.17	23.22	23.11	13.17	0.0207
3	1	8		23.17	23.15	23.10		
3	1	14		23.21	23.18	23.13		
3	8	0		21.98	21.97	21.95		
3	8	4		22.03	22.00	22.01		
3	8	7		22.06	22.03	22.02		
3	15	0		21.99	21.98	21.98		
3	1	0	64-QAM	22.17	22.13	22.13	12.18	0.0165
3	1	8		22.17	22.10	22.09		
3	1	14		22.23	22.15	22.10		
3	8	0		21.03	21.01	20.97		
3	8	4		21.06	21.04	21.01		
3	8	7		21.06	21.04	21.03		
3	15	0		21.01	21.02	20.99		
3	1	0	256-QAM	19.19	19.11	19.16	9.27	0.0085
3	1	8		18.98	19.05	19.06		
3	1	14		19.01	18.93	18.89		
3	8	0		19.32	19.28	19.21		
3	8	4		19.15	19.15	19.10		
3	8	7		19.08	19.14	19.13		
3	15	0		19.05	19.21	19.10		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.81	23.84	23.83	13.81	0.0240
1.4	1	3		23.84	23.84	23.76		
1.4	1	5		23.83	23.84	23.82		
1.4	3	0		23.82	23.83	23.83		
1.4	3	1		23.83	23.86	23.83		
1.4	3	3		23.81	23.81	23.83		
1.4	6	0		22.91	22.88	22.87		
1.4	1	0	16-QAM	23.20	23.20	23.15	13.15	0.0207
1.4	1	3		23.10	23.06	23.01		
1.4	1	5		23.17	23.14	23.13		
1.4	3	0		23.03	22.98	22.99		
1.4	3	1		23.08	23.06	23.02		
1.4	3	3		23.06	23.04	22.97		
1.4	6	0		22.02	21.97	21.94		
1.4	1	0	64-QAM	22.14	22.09	22.06	12.12	0.0163
1.4	1	3		22.05	21.98	22.02		
1.4	1	5		22.17	22.08	22.08		
1.4	3	0		22.04	22.00	22.02		
1.4	3	1		22.07	22.00	22.02		
1.4	3	3		22.06	22.01	22.02		
1.4	6	0		21.02	20.96	20.89		
1.4	1	0	256-QAM	19.18	19.08	19.08	9.21	0.0083
1.4	1	3		18.95	19.03	19.05		
1.4	1	5		18.99	18.89	18.84		
1.4	3	0		19.26	19.19	19.13		
1.4	3	1		19.09	19.13	19.06		
1.4	3	3		19.08	19.05	19.12		
1.4	6	0		18.95	19.18	19.02		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -7.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.92	-	14.67	0.0293
10	1	25			23.77			
10	1	49			23.87			
10	25	0			22.94			
10	25	12			22.92			
10	25	25			22.92			
10	50	0			22.99			
10	1	0	16-QAM		23.10		13.93	0.0247
10	1	25			23.18			
10	1	49			23.17			
10	25	0			21.91			
10	25	12			21.93			
10	25	25			21.95			
10	50	0			21.99			
10	1	0	64-QAM		22.06		12.87	0.0194
10	1	25			22.12			
10	1	49			22.11			
10	25	0			20.97			
10	25	12			20.95			
10	25	25			20.95			
10	50	0			20.98			
10	1	0	256-QAM		19.31		10.08	0.0102
10	1	25			19.33			
10	1	49			19.23			
10	25	0			19.32			
10	25	12			19.30			
10	25	25			19.24			
10	50	0			19.29			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -7.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.81	23.83	23.82	14.62	0.0290
5	1	12		23.87	23.82	23.85		
5	1	24		23.81	23.77	23.80		
5	12	0		22.91	22.85	22.84		
5	12	7		22.92	22.87	22.89		
5	12	13		22.91	22.84	22.86		
5	25	0		22.90	22.82	22.82		
5	1	0	16-QAM	23.08	23.07	23.12	13.96	0.0249
5	1	12		23.15	23.20	23.21		
5	1	24		23.19	23.17	23.14		
5	12	0		21.92	21.94	21.98		
5	12	7		21.95	21.94	21.97		
5	12	13		22.00	21.96	21.95		
5	25	0		21.94	21.91	21.86		
5	1	0	64-QAM	22.01	22.04	22.02	12.84	0.0192
5	1	12		21.86	21.97	21.89		
5	1	24		22.09	22.09	22.01		
5	12	0		20.94	20.95	20.96		
5	12	7		20.96	20.98	20.96		
5	12	13		20.98	20.98	20.94		
5	25	0		20.93	20.89	20.88		
5	1	0	256-QAM	19.15	19.24	19.15	10.06	0.0101
5	1	12		19.21	19.23	19.19		
5	1	24		19.07	19.16	19.09		
5	12	0		19.23	19.31	19.24		
5	12	7		19.10	19.20	19.11		
5	12	13		19.20	19.23	19.16		
5	25	0		19.20	19.20	19.16		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.94	23.95	23.92	13.90	0.0245
10	1	25		23.85	23.85	23.78		
10	1	49		23.93	23.92	23.91		
10	25	0		22.99	23.01	22.98		
10	25	12		22.97	22.98	22.95		
10	25	25		22.98	22.98	22.97		
10	50	0		22.99	23.00	22.96		
10	1	0	16-QAM	23.22	23.30	23.26	13.25	0.0211
10	1	25		23.18	23.24	23.22		
10	1	49		23.28	23.28	23.24		
10	25	0		21.97	21.98	21.95		
10	25	12		22.00	21.98	21.95		
10	25	25		22.02	22.05	21.97		
10	50	0		22.06	22.06	21.99		
10	1	0	64-QAM	22.19	22.09	22.09	12.15	0.0164
10	1	25		22.14	22.06	22.09		
10	1	49		22.20	22.16	22.15		
10	25	0		21.00	21.02	20.98		
10	25	12		21.00	21.02	20.98		
10	25	25		21.03	21.05	21.02		
10	50	0		21.11	21.07	21.03		
10	1	0	256-QAM	19.25	19.18	19.27	9.34	0.0086
10	1	25		19.19	19.18	19.21		
10	1	49		19.09	19.07	19.12		
10	25	0		19.39	19.39	19.36		
10	25	12		19.32	19.29	19.31		
10	25	25		19.24	19.26	19.30		
10	50	0		19.32	19.32	19.30		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.87	23.93	23.83	13.88	0.0244
5	1	12		23.93	23.93	23.88		
5	1	24		23.89	23.92	23.80		
5	12	0		22.92	22.97	22.87		
5	12	7		22.95	23.00	22.89		
5	12	13		22.94	22.99	22.88		
5	25	0		22.95	22.95	22.85		
5	1	0	16-QAM	23.16	23.25	23.11	13.26	0.0212
5	1	12		23.24	23.31	23.20		
5	1	24		23.21	23.30	23.10		
5	12	0		21.96	22.03	21.93		
5	12	7		21.96	22.05	21.97		
5	12	13		22.00	22.07	21.96		
5	25	0		21.98	22.03	21.90		
5	1	0	64-QAM	22.10	22.16	22.06	12.13	0.0163
5	1	12		21.94	22.16	22.07		
5	1	24		22.05	22.18	22.06		
5	12	0		20.97	21.05	20.96		
5	12	7		20.97	21.03	20.97		
5	12	13		20.97	21.04	20.96		
5	25	0		20.98	21.01	20.94		
5	1	0	256-QAM	19.24	19.21	19.21	9.30	0.0085
5	1	12		19.11	19.09	19.14		
5	1	24		19.04	18.98	19.12		
5	12	0		19.35	19.29	19.35		
5	12	7		19.28	19.23	19.24		
5	12	13		19.20	19.19	19.29		
5	25	0		19.32	19.27	19.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.42	24.46	24.39	15.41	0.0348
15	1	37		23.97	24.27	24.19		
15	1	74		24.09	24.36	24.22		
15	36	0		23.19	23.48	23.45		
15	36	20		23.18	23.47	23.43		
15	36	39		23.15	23.46	23.39		
15	75	0		23.16	23.45	23.40		
15	1	0	16-QAM	23.45	23.86	23.80	14.81	0.0303
15	1	37		23.48	23.73	23.78		
15	1	74		23.56	23.73	23.53		
15	36	0		22.18	22.47	22.45		
15	36	20		22.18	22.47	22.45		
15	36	39		22.18	22.48	22.41		
15	75	0		22.15	22.46	22.42		
15	1	0	64-QAM	22.28	22.62	22.59	13.57	0.0228
15	1	37		22.36	22.57	22.58		
15	1	74		22.37	22.55	22.45		
15	36	0		21.18	21.54	21.53		
15	36	20		21.19	21.55	21.54		
15	36	39		21.20	21.54	21.49		
15	75	0		21.15	21.51	21.46		
15	1	0	256-QAM	18.71	19.76	19.69	10.74	0.0119
15	1	37		19.68	19.74	19.53		
15	1	74		19.64	19.61	19.65		
15	36	0		19.64	19.79	19.71		
15	36	20		19.60	19.60	19.52		
15	36	39		19.63	19.60	19.48		
15	75	0		19.69	19.73	19.68		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.34	24.45	24.42	15.40	0.0347
10	1	25		24.22	24.27	24.26		
10	1	49		24.27	24.34	24.24		
10	25	0		23.35	23.42	23.38		
10	25	12		23.31	23.40	23.35		
10	25	25		23.30	23.41	23.36		
10	50	0		23.34	23.45	23.44		
10	1	0	16-QAM	23.58	23.75	23.75	14.70	0.0295
10	1	25		23.61	23.68	23.72		
10	1	49		23.61	23.70	23.54		
10	25	0		22.35	22.45	22.45		
10	25	12		22.34	22.46	22.42		
10	25	25		22.33	22.47	22.44		
10	50	0		22.36	22.51	22.50		
10	1	0	64-QAM	22.42	22.63	22.61	13.58	0.0228
10	1	25		22.40	22.59	22.57		
10	1	49		22.48	22.63	22.52		
10	25	0		21.36	21.48	21.48		
10	25	12		21.37	21.48	21.45		
10	25	25		21.39	21.47	21.43		
10	50	0		21.42	21.55	21.51		
10	1	0	256-QAM	18.63	19.71	19.68	10.67	0.0117
10	1	25		19.61	19.71	19.53		
10	1	49		19.61	19.52	19.64		
10	25	0		19.55	19.72	19.71		
10	25	12		19.58	19.56	19.50		
10	25	25		19.61	19.55	19.48		
10	50	0		19.66	19.72	19.60		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.30	24.44	24.39	15.39	0.0346
5	1	12		24.36	24.44	24.39		
5	1	24		24.26	24.40	24.24		
5	12	0		23.33	23.49	23.41		
5	12	7		23.35	23.48	23.42		
5	12	13		23.33	23.48	23.39		
5	25	0		23.29	23.46	23.38		
5	1	0	16-QAM	23.56	23.74	23.71	14.74	0.0298
5	1	12		23.74	23.79	23.72		
5	1	24		23.66	23.71	23.54		
5	12	0		22.37	22.50	22.48		
5	12	7		22.42	22.50	22.49		
5	12	13		22.41	22.50	22.45		
5	25	0		22.34	22.48	22.44		
5	1	0	64-QAM	22.45	22.61	22.62	13.59	0.0229
5	1	12		22.58	22.52	22.42		
5	1	24		22.62	22.64	22.56		
5	12	0		21.41	21.54	21.51		
5	12	7		21.45	21.52	21.47		
5	12	13		21.45	21.51	21.47		
5	25	0		21.38	21.51	21.45		
5	1	0	256-QAM	18.61	19.71	19.60	10.66	0.0116
5	1	12		19.61	19.66	19.45		
5	1	24		19.60	19.54	19.61		
5	12	0		19.56	19.71	19.68		
5	12	7		19.54	19.57	19.48		
5	12	13		19.61	19.57	19.44		
5	25	0		19.65	19.68	19.63		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.40	24.45	24.41	15.40	0.0347
3	1	8		24.33	24.41	24.32		
3	1	14		24.36	24.45	24.28		
3	8	0		23.41	23.47	23.41		
3	8	4		23.41	23.48	23.41		
3	8	7		23.42	23.50	23.41		
3	15	0		23.40	23.48	23.40		
3	1	0	16-QAM	23.66	23.77	23.72	14.72	0.0296
3	1	8		23.65	23.73	23.61		
3	1	14		23.69	23.75	23.63		
3	8	0		22.41	22.51	22.48		
3	8	4		22.46	22.56	22.47		
3	8	7		22.51	22.61	22.55		
3	15	0		22.43	22.55	22.52		
3	1	0	64-QAM	22.60	22.72	22.67	13.67	0.0233
3	1	8		22.56	22.66	22.60		
3	1	14		22.61	22.69	22.64		
3	8	0		21.44	21.56	21.51		
3	8	4		21.49	21.57	21.51		
3	8	7		21.54	21.57	21.53		
3	15	0		21.48	21.57	21.54		
3	1	0	256-QAM	18.67	19.72	19.66	10.73	0.0118
3	1	8		19.65	19.73	19.46		
3	1	14		19.62	19.55	19.61		
3	8	0		19.60	19.78	19.67		
3	8	4		19.50	19.54	19.50		
3	8	7		19.61	19.55	19.45		
3	15	0		19.64	19.73	19.67		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -6.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.37	24.44	24.35	15.40	0.0347
1.4	1	3		24.33	24.38	24.24		
1.4	1	5		24.35	24.45	24.25		
1.4	3	0		24.34	24.44	24.31		
1.4	3	1		24.43	24.45	24.35		
1.4	3	3		24.34	24.38	24.25		
1.4	6	0		23.33	23.45	23.29		
1.4	1	0	16-QAM	23.60	23.75	23.60	14.70	0.0295
1.4	1	3		23.51	23.63	23.43		
1.4	1	5		23.60	23.71	23.54		
1.4	3	0		23.48	23.59	23.48		
1.4	3	1		23.51	23.61	23.51		
1.4	3	3		23.46	23.54	23.43		
1.4	6	0		22.37	22.50	22.45		
1.4	1	0	64-QAM	22.51	22.65	22.54	13.61	0.0230
1.4	1	3		22.42	22.52	22.45		
1.4	1	5		22.56	22.66	22.55		
1.4	3	0		22.47	22.59	22.50		
1.4	3	1		22.46	22.57	22.54		
1.4	3	3		22.48	22.59	22.55		
1.4	6	0		21.37	21.49	21.43		
1.4	1	0	256-QAM	18.61	19.74	19.65	10.70	0.0117
1.4	1	3		19.58	19.69	19.47		
1.4	1	5		19.58	19.58	19.57		
1.4	3	0		19.58	19.75	19.66		
1.4	3	1		19.51	19.54	19.46		
1.4	3	3		19.60	19.59	19.45		
1.4	6	0		19.60	19.66	19.61		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.06	26.07	26.05	25.67	0.3690
20	1	49		25.85	25.96	25.98		
20	1	99		25.82	25.87	25.94		
20	50	0		25.04	25.17	25.16		
20	50	24		25.03	25.11	25.15		
20	50	50		25.02	25.09	25.14		
20	100	0		25.04	25.14	25.13		
20	1	0	16-QAM	24.71	24.92	24.91	24.52	0.2831
20	1	49		24.56	24.64	24.61		
20	1	99		24.65	24.67	24.66		
20	50	0		24.06	24.11	24.17		
20	50	24		24.06	24.13	24.16		
20	50	50		24.04	24.08	24.12		
20	100	0		24.13	24.18	24.25		
20	1	0	64-QAM	24.17	24.25	24.21	23.88	0.2443
20	1	49		24.25	24.28	24.23		
20	1	99		24.11	24.15	24.09		
20	50	0		23.09	23.15	23.19		
20	50	24		23.11	23.18	23.20		
20	50	50		23.08	23.14	23.17		
20	100	0		23.09	23.16	23.21		
20	1	0	256-QAM	21.48	21.72	21.63	21.32	0.1355
20	1	49		21.46	21.45	21.57		
20	1	99		21.40	21.43	21.45		
20	50	0		21.47	21.59	21.67		
20	50	24		21.45	21.55	21.63		
20	50	50		21.42	21.44	21.56		
20	100	0		21.38	21.49	21.56		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.93	26.04	26.03	25.64	0.3664
15	1	37		25.91	26.01	26.04		
15	1	74		25.91	25.91	25.94		
15	36	0		25.09	25.20	25.22		
15	36	20		25.06	25.16	25.24		
15	36	39		25.06	25.18	25.21		
15	75	0		25.10	25.20	25.23		
15	1	0	16-QAM	25.42	25.47	25.38	25.07	0.3214
15	1	37		25.28	25.32	25.29		
15	1	74		25.24	25.21	25.15		
15	36	0		24.15	24.20	24.23		
15	36	20		24.15	24.21	24.19		
15	36	39		24.16	24.20	24.20		
15	75	0		24.16	24.28	24.29		
15	1	0	64-QAM	24.09	24.09	24.10	23.92	0.2466
15	1	37		24.09	24.11	24.32		
15	1	74		24.07	24.02	24.18		
15	36	0		23.18	23.27	23.29		
15	36	20		23.18	23.25	23.26		
15	36	39		23.19	23.25	23.27		
15	75	0		23.18	23.25	23.25		
15	1	0	256-QAM	21.45	21.68	21.54	21.28	0.1343
15	1	37		21.36	21.43	21.51		
15	1	74		21.34	21.35	21.38		
15	36	0		21.45	21.51	21.61		
15	36	20		21.44	21.48	21.60		
15	36	39		21.37	21.41	21.50		
15	75	0		21.38	21.47	21.52		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.93	26.04	26.01	25.66	0.3681
10	1	25		26.02	25.99	26.06		
10	1	49		25.90	26.04	26.05		
10	25	0		25.10	25.22	25.21		
10	25	12		25.09	25.20	25.20		
10	25	25		25.10	25.21	25.20		
10	50	0		25.09	25.19	25.21		
10	1	0	16-QAM	25.25	25.26	25.22	24.86	0.3062
10	1	25		25.22	25.16	25.05		
10	1	49		25.17	25.19	25.08		
10	25	0		24.19	24.32	24.26		
10	25	12		24.18	24.24	24.23		
10	25	25		24.20	24.25	24.23		
10	50	0		24.19	24.27	24.25		
10	1	0	64-QAM	24.14	24.29	24.23	23.89	0.2449
10	1	25		24.00	24.11	24.09		
10	1	49		24.10	24.19	24.18		
10	25	0		23.25	23.33	23.32		
10	25	12		23.27	23.30	23.29		
10	25	25		23.28	23.30	23.24		
10	50	0		23.16	23.24	23.22		
10	1	0	256-QAM	21.43	21.66	21.58	21.26	0.1337
10	1	25		21.42	21.39	21.47		
10	1	49		21.30	21.36	21.36		
10	25	0		21.39	21.51	21.63		
10	25	12		21.41	21.48	21.58		
10	25	25		21.38	21.41	21.53		
10	50	0		21.34	21.42	21.55		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 (HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.84	26.01	26.01	25.65	0.3673
5	1	12		25.77	26.05	26.03		
5	1	24		25.88	26.02	26.04		
5	12	0		24.96	25.15	25.18		
5	12	7		24.98	25.20	25.17		
5	12	13		24.96	25.15	25.16		
5	25	0		24.98	25.15	25.20		
5	1	0	16-QAM	24.98	25.10	25.07	24.79	0.3013
5	1	12		24.97	25.19	25.08		
5	1	24		24.99	25.13	25.02		
5	12	0		24.05	24.22	24.20		
5	12	7		24.12	24.21	24.16		
5	12	13		24.07	24.21	24.18		
5	25	0		24.11	24.24	24.28		
5	1	0	64-QAM	23.74	23.82	24.13	23.79	0.2393
5	1	12		23.65	23.85	24.19		
5	1	24		23.90	23.82	24.11		
5	12	0		23.06	23.23	23.25		
5	12	7		23.09	23.24	23.21		
5	12	13		23.09	23.23	23.22		
5	25	0		23.07	23.20	23.27		
5	1	0	256-QAM	21.41	21.69	21.57	21.29	0.1346
5	1	12		21.41	21.38	21.50		
5	1	24		21.35	21.42	21.44		
5	12	0		21.40	21.56	21.64		
5	12	7		21.35	21.54	21.56		
5	12	13		21.41	21.42	21.46		
5	25	0		21.30	21.47	21.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.61	23.77	23.63	23.37	0.2173
20	1	49		23.39	23.54	23.51		
20	1	99		23.39	23.50	23.48		
20	50	0		22.55	22.75	22.61		
20	50	24		22.54	22.69	22.60		
20	50	50		22.53	22.64	22.56		
20	100	0		22.56	22.74	22.55		
20	1	0	16-QAM	22.42	22.71	22.55	22.31	0.1702
20	1	49		22.36	22.64	22.53		
20	1	99		22.41	22.62	22.52		
20	50	0		21.60	21.73	21.62		
20	50	24		21.59	21.75	21.67		
20	50	50		21.58	21.71	21.64		
20	100	0		21.63	21.72	21.63		
20	1	0	64-QAM	21.38	21.59	21.46	21.19	0.1315
20	1	49		21.38	21.52	21.43		
20	1	99		21.34	21.51	21.40		
20	50	0		20.61	20.78	20.68		
20	50	24		20.61	20.77	20.71		
20	50	50		20.61	20.71	20.66		
20	100	0		20.62	20.69	20.61		
20	1	0	256-QAM	18.78	18.93	19.21	18.84	0.0766
20	1	49		18.74	18.78	19.08		
20	1	99		18.67	18.76	18.97		
20	50	0		18.86	18.96	19.24		
20	50	24		18.88	18.94	19.21		
20	50	50		18.84	18.91	19.21		
20	100	0		18.77	18.87	19.08		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.54	23.64	23.60	23.24	0.2109
15	1	37		23.39	23.36	23.50		
15	1	74		23.49	23.51	23.47		
15	36	0		22.58	22.65	22.61		
15	36	20		22.61	22.65	22.56		
15	36	39		22.59	22.64	22.58		
15	75	0		22.57	22.62	22.56		
15	1	0	16-QAM	22.55	22.71	22.71	22.36	0.1722
15	1	37		22.48	22.61	22.76		
15	1	74		22.53	22.61	22.69		
15	36	0		21.58	21.66	21.57		
15	36	20		21.57	21.64	21.55		
15	36	39		21.57	21.64	21.60		
15	75	0		21.63	21.67	21.64		
15	1	0	64-QAM	21.49	21.49	21.33	21.09	0.1285
15	1	37		21.49	21.37	21.30		
15	1	74		21.38	21.45	21.30		
15	36	0		20.66	20.76	20.65		
15	36	20		20.67	20.73	20.67		
15	36	39		20.65	20.74	20.68		
15	75	0		20.66	20.70	20.65		
15	1	0	256-QAM	18.75	18.92	19.15	18.80	0.0759
15	1	37		18.68	18.76	18.98		
15	1	74		18.61	18.72	18.90		
15	36	0		18.83	18.87	19.20		
15	36	20		18.82	18.89	19.11		
15	36	39		18.79	18.88	19.18		
15	75	0		18.74	18.84	19.03		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.55	23.65	23.64	23.25	0.2113
10	1	25		23.42	23.51	23.50		
10	1	49		23.53	23.60	23.59		
10	25	0		22.56	22.65	22.61		
10	25	12		22.55	22.63	22.62		
10	25	25		22.57	22.65	22.60		
10	50	0		22.60	22.66	22.65		
10	1	0	16-QAM	22.64	22.77	22.63	22.37	0.1726
10	1	25		22.52	22.70	22.56		
10	1	49		22.63	22.71	22.59		
10	25	0		21.62	21.71	21.66		
10	25	12		21.65	21.70	21.68		
10	25	25		21.66	21.72	21.66		
10	50	0		21.67	21.77	21.71		
10	1	0	64-QAM	21.40	21.45	21.45	21.06	0.1276
10	1	25		21.38	21.43	21.41		
10	1	49		21.46	21.43	21.43		
10	25	0		20.67	20.70	20.65		
10	25	12		20.66	20.68	20.66		
10	25	25		20.67	20.67	20.65		
10	50	0		20.70	20.74	20.70		
10	1	0	256-QAM	18.76	18.87	19.17	18.81	0.0760
10	1	25		18.66	18.73	19.07		
10	1	49		18.64	18.70	18.94		
10	25	0		18.86	18.88	19.21		
10	25	12		18.88	18.86	19.13		
10	25	25		18.82	18.86	19.21		
10	50	0		18.69	18.83	19.07		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.56	23.67	23.64	23.27	0.2123
5	1	12		23.50	23.63	23.62		
5	1	24		23.53	23.61	23.58		
5	12	0		22.64	22.75	22.69		
5	12	7		22.67	22.75	22.74		
5	12	13		22.63	22.73	22.69		
5	25	0		22.60	22.70	22.65		
5	1	0	16-QAM	22.58	22.78	22.76	22.40	0.1738
5	1	12		22.51	22.76	22.80		
5	1	24		22.56	22.71	22.76		
5	12	0		21.62	21.72	21.68		
5	12	7		21.64	21.75	21.72		
5	12	13		21.59	21.71	21.67		
5	25	0		21.68	21.78	21.69		
5	1	0	64-QAM	21.52	21.56	21.45	21.17	0.1309
5	1	12		21.51	21.57	21.44		
5	1	24		21.54	21.55	21.46		
5	12	0		20.71	20.80	20.75		
5	12	7		20.73	20.79	20.77		
5	12	13		20.70	20.80	20.73		
5	25	0		20.68	20.77	20.72		
5	1	0	256-QAM	18.72	18.89	19.19	18.79	0.0757
5	1	12		18.64	18.73	19.04		
5	1	24		18.67	18.72	18.95		
5	12	0		18.76	18.95	19.19		
5	12	7		18.86	18.88	19.13		
5	12	13		18.79	18.84	19.15		
5	25	0		18.69	18.83	19.08		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.85	25.93	25.67	25.53	0.3573
20	1	49		25.84	25.92	25.64		
20	1	99		25.79	25.81	25.59		
20	50	0		25.01	25.02	24.82		
20	50	24		24.97	25.01	24.81		
20	50	50		24.99	24.99	24.80		
20	100	0		24.99	25.03	24.81		
20	1	0	16-QAM	25.10	25.34	25.04	24.94	0.3119
20	1	49		25.10	25.21	24.95		
20	1	99		25.15	25.21	24.98		
20	50	0		24.01	24.08	23.84		
20	50	24		24.00	24.05	23.83		
20	50	50		24.00	24.06	23.82		
20	100	0		24.02	24.09	23.85		
20	1	0	64-QAM	24.01	24.23	23.91	23.88	0.2443
20	1	49		24.17	24.28	24.05		
20	1	99		23.93	24.19	23.96		
20	50	0		23.04	23.05	22.82		
20	50	24		23.01	23.08	22.87		
20	50	50		23.03	23.05	22.83		
20	100	0		23.00	23.06	22.83		
20	1	0	256-QAM	21.13	20.82	20.53	20.84	0.1213
20	1	49		21.10	20.74	20.52		
20	1	99		20.99	20.68	20.46		
20	50	0		21.24	21.23	20.98		
20	50	24		21.24	21.20	20.98		
20	50	50		21.23	21.16	21.02		
20	100	0		21.22	21.14	20.95		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.90	25.94	25.71	25.54	0.3581
15	1	37		25.83	25.79	25.57		
15	1	74		25.83	25.82	25.64		
15	36	0		25.04	25.05	24.80		
15	36	20		25.04	25.04	24.83		
15	36	39		25.04	25.00	24.78		
15	75	0		25.04	25.02	24.82		
15	1	0	16-QAM	25.30	25.40	25.05	25.00	0.3162
15	1	37		25.32	25.36	24.97		
15	1	74		25.30	25.33	25.00		
15	36	0		23.99	24.05	23.81		
15	36	20		24.03	24.03	23.81		
15	36	39		24.02	24.00	23.79		
15	75	0		24.06	24.04	23.83		
15	1	0	64-QAM	24.02	24.14	23.91	23.76	0.2377
15	1	37		24.16	24.15	23.82		
15	1	74		24.08	24.09	23.87		
15	36	0		23.08	23.10	22.84		
15	36	20		23.07	23.08	22.85		
15	36	39		23.06	23.06	22.85		
15	75	0		23.03	23.05	22.79		
15	1	0	256-QAM	21.12	20.79	20.44	20.81	0.1205
15	1	37		21.09	20.74	20.44		
15	1	74		20.97	20.65	20.39		
15	36	0		21.17	21.21	20.89		
15	36	20		21.14	21.18	20.94		
15	36	39		21.15	21.08	21.01		
15	75	0		21.14	21.10	20.89		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.87	25.96	25.70	25.56	0.3597
10	1	25		25.92	25.95	25.73		
10	1	49		25.87	25.89	25.66		
10	25	0		25.01	25.04	24.81		
10	25	12		24.97	25.05	24.81		
10	25	25		25.00	25.01	24.79		
10	50	0		24.99	24.96	24.76		
10	1	0	16-QAM	25.04	25.31	24.94	24.91	0.3097
10	1	25		25.16	25.20	24.96		
10	1	49		25.23	25.26	25.00		
10	25	0		24.10	24.08	23.86		
10	25	12		24.08	24.11	23.88		
10	25	25		24.08	24.08	23.85		
10	50	0		24.07	24.03	23.83		
10	1	0	64-QAM	24.42	24.49	24.21	24.09	0.2564
10	1	25		24.28	24.29	24.04		
10	1	49		24.44	24.45	24.08		
10	25	0		23.06	23.07	22.82		
10	25	12		23.00	23.01	22.82		
10	25	25		23.01	23.01	22.82		
10	50	0		23.05	23.02	22.79		
10	1	0	256-QAM	21.08	20.69	20.38	20.78	0.1197
10	1	25		21.08	20.67	20.38		
10	1	49		20.95	20.65	20.38		
10	25	0		21.16	21.18	20.87		
10	25	12		21.07	21.15	20.87		
10	25	25		21.15	21.07	20.93		
10	50	0		21.10	21.03	20.83		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.82	25.85	25.63	25.48	0.3532
5	1	12		25.82	25.88	25.58		
5	1	24		25.78	25.85	25.59		
5	12	0		24.96	24.96	24.76		
5	12	7		24.95	24.92	24.69		
5	12	13		24.95	24.94	24.76		
5	25	0		24.93	24.98	24.76		
5	1	0	16-QAM	25.16	25.27	24.91	24.97	0.3141
5	1	12		25.15	25.14	24.87		
5	1	24		25.29	25.37	24.96		
5	12	0		24.07	24.04	23.73		
5	12	7		24.09	24.06	23.71		
5	12	13		24.11	24.08	23.84		
5	25	0		24.11	24.12	23.87		
5	1	0	64-QAM	24.00	24.14	23.78	23.74	0.2366
5	1	12		24.07	24.12	23.64		
5	1	24		24.10	24.10	23.72		
5	12	0		23.00	22.95	22.79		
5	12	7		23.07	23.04	22.76		
5	12	13		23.03	23.03	22.78		
5	25	0		23.06	23.09	22.87		
5	1	0	256-QAM	21.05	20.66	20.32	20.74	0.1186
5	1	12		20.98	20.58	20.29		
5	1	24		20.95	20.65	20.29		
5	12	0		21.09	21.10	20.84		
5	12	7		21.04	21.14	20.82		
5	12	13		21.09	21.01	20.90		
5	25	0		21.03	20.97	20.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.62	23.64	23.63	23.24	0.2109
20	1	49		23.61	23.59	23.51		
20	1	99		23.61	23.58	23.49		
20	50	0		22.72	22.73	22.66		
20	50	24		22.71	22.68	22.65		
20	50	50		22.70	22.69	22.58		
20	100	0		22.69	22.70	22.60		
20	1	0	16-QAM	22.90	22.88	22.86	22.53	0.1791
20	1	49		22.89	22.81	22.81		
20	1	99		22.93	22.79	22.80		
20	50	0		21.71	21.59	21.63		
20	50	24		21.74	21.60	21.63		
20	50	50		21.75	21.60	21.61		
20	100	0		21.72	21.59	21.64		
20	1	0	64-QAM	21.73	21.75	21.76	21.42	0.1387
20	1	49		21.74	21.66	21.67		
20	1	99		21.82	21.65	21.69		
20	50	0		20.75	20.66	20.70		
20	50	24		20.78	20.66	20.69		
20	50	50		20.76	20.60	20.68		
20	100	0		20.74	20.63	20.68		
20	1	0	256-QAM	18.58	18.74	18.73	18.41	0.0693
20	1	49		18.64	18.51	18.74		
20	1	99		18.72	18.65	18.81		
20	50	0		18.64	18.72	18.56		
20	50	24		18.73	18.66	18.65		
20	50	50		18.65	18.64	18.70		
20	100	0		18.76	18.61	18.60		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.60	23.57	23.58	23.20	0.2089
15	1	37		23.60	23.53	23.55		
15	1	74		23.59	23.53	23.56		
15	36	0		22.74	22.63	22.64		
15	36	20		22.74	22.63	22.63		
15	36	39		22.74	22.61	22.64		
15	75	0		22.75	22.62	22.64		
15	1	0	16-QAM	22.95	22.89	22.92	22.61	0.1824
15	1	37		23.01	22.95	22.90		
15	1	74		22.97	22.84	22.86		
15	36	0		21.72	21.64	21.61		
15	36	20		21.72	21.66	21.65		
15	36	39		21.76	21.65	21.67		
15	75	0		21.77	21.65	21.68		
15	1	0	64-QAM	21.86	21.79	21.80	21.46	0.1400
15	1	37		21.73	21.78	21.61		
15	1	74		21.81	21.68	21.73		
15	36	0		20.76	20.70	20.68		
15	36	20		20.78	20.68	20.69		
15	36	39		20.81	20.70	20.72		
15	75	0		20.79	20.70	20.72		
15	1	0	256-QAM	18.58	18.74	18.65	18.34	0.0682
15	1	37		18.57	18.43	18.74		
15	1	74		18.66	18.57	18.73		
15	36	0		18.62	18.71	18.52		
15	36	20		18.73	18.61	18.62		
15	36	39		18.57	18.60	18.61		
15	75	0		18.71	18.60	18.60		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.60	23.52	23.53	23.20	0.2089
10	1	25		23.49	23.45	23.46		
10	1	49		23.56	23.45	23.44		
10	25	0		22.57	22.53	22.51		
10	25	12		22.58	22.51	22.50		
10	25	25		22.57	22.51	22.51		
10	50	0		22.60	22.54	22.54		
10	1	0	16-QAM	22.87	22.81	22.78	22.47	0.1766
10	1	25		22.80	22.80	22.72		
10	1	49		22.85	22.78	22.77		
10	25	0		21.61	21.57	21.53		
10	25	12		21.61	21.55	21.54		
10	25	25		21.62	21.56	21.57		
10	50	0		21.62	21.58	21.57		
10	1	0	64-QAM	21.68	21.71	21.60	21.34	0.1361
10	1	25		21.70	21.64	21.72		
10	1	49		21.70	21.66	21.74		
10	25	0		20.62	20.57	20.56		
10	25	12		20.61	20.57	20.57		
10	25	25		20.64	20.59	20.59		
10	50	0		20.65	20.61	20.61		
10	1	0	256-QAM	18.52	18.74	18.69	18.34	0.0682
10	1	25		18.64	18.43	18.73		
10	1	49		18.64	18.56	18.74		
10	25	0		18.57	18.62	18.52		
10	25	12		18.71	18.65	18.61		
10	25	25		18.60	18.60	18.67		
10	50	0		18.68	18.61	18.50		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.59	23.61	23.61	23.22	0.2099
5	1	12		23.62	23.57	23.61		
5	1	24		23.55	23.55	23.55		
5	12	0		22.58	22.59	22.57		
5	12	7		22.58	22.60	22.60		
5	12	13		22.57	22.58	22.58		
5	25	0		22.58	22.58	22.58		
5	1	0	16-QAM	22.84	22.87	22.87	22.51	0.1782
5	1	12		22.84	22.91	22.90		
5	1	24		22.76	22.84	22.82		
5	12	0		21.61	21.65	21.63		
5	12	7		21.63	21.67	21.66		
5	12	13		21.62	21.69	21.65		
5	25	0		21.62	21.64	21.63		
5	1	0	64-QAM	21.66	21.78	21.77	21.40	0.1380
5	1	12		21.66	21.71	21.78		
5	1	24		21.73	21.75	21.80		
5	12	0		20.63	20.67	20.68		
5	12	7		20.63	20.68	20.70		
5	12	13		20.62	20.67	20.71		
5	25	0		20.65	20.65	20.67		
5	1	0	256-QAM	18.53	18.72	18.73	18.38	0.0689
5	1	12		18.62	18.42	18.71		
5	1	24		18.65	18.58	18.78		
5	12	0		18.58	18.66	18.52		
5	12	7		18.73	18.59	18.55		
5	12	13		18.64	18.62	18.68		
5	25	0		18.74	18.55	18.50		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.58	23.58	23.61	23.21	0.2094
3	1	8		23.53	23.53	23.55		
3	1	14		23.58	23.53	23.56		
3	8	0		22.63	22.57	22.59		
3	8	4		22.66	22.60	22.62		
3	8	7		22.67	22.61	22.63		
3	15	0		22.66	22.61	22.62		
3	1	0	16-QAM	22.88	22.85	22.76	22.48	0.1770
3	1	8		22.80	22.80	22.73		
3	1	14		22.86	22.82	22.77		
3	8	0		21.70	21.65	21.67		
3	8	4		21.70	21.64	21.68		
3	8	7		21.78	21.73	21.70		
3	15	0		21.71	21.67	21.69		
3	1	0	64-QAM	21.78	21.75	21.74	21.43	0.1390
3	1	8		21.78	21.76	21.74		
3	1	14		21.83	21.78	21.78		
3	8	0		20.74	20.69	20.69		
3	8	4		20.73	20.70	20.73		
3	8	7		20.78	20.73	20.75		
3	15	0		20.72	20.67	20.67		
3	1	0	256-QAM	18.50	18.74	18.72	18.34	0.0682
3	1	8		18.55	18.48	18.67		
3	1	14		18.69	18.65	18.74		
3	8	0		18.58	18.68	18.53		
3	8	4		18.65	18.61	18.62		
3	8	7		18.58	18.62	18.63		
3	15	0		18.68	18.57	18.57		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.52	23.52	23.56	23.18	0.2080
1.4	1	3		23.46	23.43	23.48		
1.4	1	5		23.54	23.50	23.53		
1.4	3	0		23.56	23.51	23.56		
1.4	3	1		23.58	23.55	23.57		
1.4	3	3		23.54	23.50	23.55		
1.4	6	0		22.56	22.50	22.54		
1.4	1	0	16-QAM	22.77	22.80	22.73	22.43	0.1750
1.4	1	3		22.69	22.70	22.66		
1.4	1	5		22.83	22.77	22.76		
1.4	3	0		22.70	22.62	22.68		
1.4	3	1		22.75	22.67	22.67		
1.4	3	3		22.70	22.61	22.67		
1.4	6	0		21.63	21.57	21.59		
1.4	1	0	64-QAM	21.74	21.67	21.73	21.41	0.1384
1.4	1	3		21.66	21.63	21.64		
1.4	1	5		21.76	21.72	21.71		
1.4	3	0		21.75	21.68	21.72		
1.4	3	1		21.79	21.74	21.81		
1.4	3	3		21.73	21.70	21.73		
1.4	6	0		20.63	20.59	20.58		
1.4	1	0	256-QAM	18.57	18.70	18.71	18.35	0.0684
1.4	1	3		18.61	18.50	18.65		
1.4	1	5		18.62	18.62	18.75		
1.4	3	0		18.57	18.65	18.46		
1.4	3	1		18.63	18.61	18.65		
1.4	3	3		18.65	18.57	18.67		
1.4	6	0		18.75	18.56	18.57		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.01	24.03	24.01	14.08	0.0256
20	1	49		24.00	23.95	23.90		
20	1	99		23.99	23.94	23.86		
20	50	0		23.18	23.20	22.95		
20	50	24		23.17	23.15	22.94		
20	50	50		23.12	23.10	22.92		
20	100	0		23.15	23.16	22.91		
20	1	0	16-QAM	23.34	23.25	23.22	13.41	0.0219
20	1	49		23.34	23.29	23.25		
20	1	99		23.36	23.27	23.20		
20	50	0		22.14	21.97	21.96		
20	50	24		22.19	22.05	21.99		
20	50	50		22.16	22.05	22.00		
20	100	0		22.14	22.01	21.99		
20	1	0	64-QAM	22.27	22.12	22.16	12.40	0.0174
20	1	49		22.32	22.24	22.20		
20	1	99		22.35	22.24	22.14		
20	50	0		21.15	21.03	21.01		
20	50	24		21.19	21.06	21.04		
20	50	50		21.16	21.05	21.04		
20	100	0		21.15	21.02	20.99		
20	1	0	256-QAM	19.29	19.22	19.36	9.51	0.0089
20	1	49		19.21	19.25	19.28		
20	1	99		19.14	19.13	19.18		
20	50	0		19.41	19.46	19.43		
20	50	24		19.34	19.31	19.39		
20	50	50		19.34	19.26	19.30		
20	100	0		19.41	19.36	19.39		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.93	23.91	23.88	13.98	0.0250
15	1	37		23.77	23.77	23.88		
15	1	74		23.89	23.87	23.83		
15	36	0		22.99	22.96	22.89		
15	36	20		22.99	22.96	22.95		
15	36	39		22.97	22.95	22.94		
15	75	0		22.97	22.92	22.92		
15	1	0	16-QAM	23.24	23.24	23.27	13.42	0.0220
15	1	37		23.30	23.37	23.25		
15	1	74		23.29	23.27	23.11		
15	36	0		22.00	21.96	21.95		
15	36	20		22.00	21.99	21.97		
15	36	39		22.00	22.01	21.96		
15	75	0		21.97	21.93	21.93		
15	1	0	64-QAM	22.10	22.03	22.14	12.23	0.0167
15	1	37		22.08	22.09	22.11		
15	1	74		22.18	22.15	22.07		
15	36	0		21.06	21.00	21.00		
15	36	20		21.06	21.07	21.01		
15	36	39		21.06	21.09	21.01		
15	75	0		20.99	20.98	20.96		
15	1	0	256-QAM	19.24	19.20	19.31	9.44	0.0088
15	1	37		19.15	19.24	19.23		
15	1	74		19.06	19.05	19.17		
15	36	0		19.35	19.38	19.39		
15	36	20		19.33	19.24	19.34		
15	36	39		19.30	19.20	19.28		
15	75	0		19.38	19.35	19.30		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.93	23.90	23.84	13.98	0.0250
10	1	25		23.75	23.77	23.75		
10	1	49		23.89	23.89	23.80		
10	25	0		22.94	22.93	22.83		
10	25	12		22.92	22.95	22.86		
10	25	25		22.89	22.93	22.89		
10	50	0		22.96	22.97	22.90		
10	1	0	16-QAM	23.17	23.19	23.20	13.38	0.0218
10	1	25		23.21	23.21	23.16		
10	1	49		23.28	23.33	23.11		
10	25	0		21.99	21.96	21.90		
10	25	12		22.00	21.96	21.91		
10	25	25		22.00	21.98	21.92		
10	50	0		22.02	21.98	21.94		
10	1	0	64-QAM	22.08	22.05	22.06	12.27	0.0169
10	1	25		22.16	22.07	22.04		
10	1	49		22.18	22.22	22.11		
10	25	0		20.99	20.97	20.90		
10	25	12		21.03	20.99	20.95		
10	25	25		21.04	21.00	20.97		
10	50	0		21.07	21.03	20.99		
10	1	0	256-QAM	19.27	19.19	19.26	9.45	0.0088
10	1	25		19.16	19.19	19.28		
10	1	49		19.09	19.11	19.10		
10	25	0		19.37	19.38	19.40		
10	25	12		19.26	19.25	19.38		
10	25	25		19.26	19.24	19.29		
10	50	0		19.39	19.36	19.39		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.00	23.95	23.90	14.07	0.0255
5	1	12		24.01	24.02	23.99		
5	1	24		23.95	23.96	23.92		
5	12	0		23.01	23.01	22.92		
5	12	7		23.04	23.04	22.95		
5	12	13		23.03	23.01	22.92		
5	25	0		23.00	23.02	22.90		
5	1	0	16-QAM	23.27	23.28	23.23	13.44	0.0221
5	1	12		23.39	23.36	23.32		
5	1	24		23.34	23.33	23.25		
5	12	0		22.06	22.07	22.05		
5	12	7		22.12	22.07	22.07		
5	12	13		22.15	22.07	22.07		
5	25	0		22.08	22.01	21.97		
5	1	0	64-QAM	22.16	22.14	22.14	12.31	0.0170
5	1	12		22.11	22.11	22.08		
5	1	24		22.26	22.24	22.12		
5	12	0		21.09	21.08	21.05		
5	12	7		21.12	21.07	21.04		
5	12	13		21.16	21.08	21.08		
5	25	0		21.11	21.05	21.01		
5	1	0	256-QAM	19.26	19.19	19.31	9.46	0.0088
5	1	12		19.18	19.23	19.22		
5	1	24		19.11	19.08	19.17		
5	12	0		19.41	19.39	19.36		
5	12	7		19.32	19.25	19.38		
5	12	13		19.33	19.25	19.25		
5	25	0		19.34	19.31	19.37		
Limit	ERP < 3W			Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -6.9 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	21.16	21.40	21.23	13.20	0.0209
10+10	1	0	1	49		22.21	22.16	22.25		
10+10	1	49	1	0		21.97	21.89	21.56		
10+10	50	0	50	0	16-QAM	20.10	20.38	20.42	13.58	0.0228
10+10	1	0	1	49		22.63	22.56	22.55		
10+10	1	49	1	0		22.37	22.33	22.16		
10+10	50	0	50	0	64-QAM	20.13	20.39	20.49	11.63	0.0146
10+10	1	0	1	49		20.68	20.59	20.44		
10+10	1	49	1	0		20.31	20.22	20.36		
10+10	50	0	50	0	256-QAM	18.13	18.37	18.25	9.59	0.0091
10+10	1	0	1	49		18.63	18.64	18.46		
10+10	1	49	1	0		18.32	18.36	18.33		
10+5	50	0	25	0	QPSK	21.22	21.50	21.32	13.31	0.0214
10+5	1	0	1	24		22.32	22.23	22.36		
10+5	1	49	1	0		21.99	21.79	21.55		
10+5	50	0	25	0	16-QAM	20.23	20.44	20.46	13.54	0.0226
10+5	1	0	1	24		22.59	22.51	22.59		
10+5	1	49	1	0		22.46	22.43	22.25		
10+5	50	0	25	0	64-QAM	20.28	20.41	20.47	11.60	0.0145
10+5	1	0	1	24		20.59	20.65	20.36		
10+5	1	49	1	0		20.33	20.21	20.33		
10+5	50	0	25	0	256-QAM	18.24	18.33	18.21	9.51	0.0089
10+5	1	0	1	24		18.56	18.56	18.56		
10+5	1	49	1	0		18.25	18.42	18.36		
5+10	25	0	50	0	QPSK	21.23	21.62	21.28	13.40	0.0219
5+10	1	0	1	49		22.45	22.36	22.41		
5+10	1	24	1	0		21.86	21.77	21.62		
5+10	25	0	50	0	16-QAM	20.36	20.71	20.53	13.62	0.0230
5+10	1	0	1	49		22.61	22.59	22.67		
5+10	1	24	1	0		22.48	22.41	22.52		
5+10	25	0	50	0	64-QAM	20.36	20.36	20.44	11.61	0.0145
5+10	1	0	1	49		20.54	20.66	20.26		
5+10	1	24	1	0		20.34	20.43	20.39		
5+10	25	0	50	0	256-QAM	18.36	18.36	18.34	9.50	0.0089
5+10	1	0	1	49		18.55	18.55	18.52		
5+10	1	24	1	0		18.31	18.34	18.33		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	22.00	21.99	22.19	21.79	0.1510
10+10	1	0	1	49		18.39	18.16	19.39		
10+10	1	49	1	0		18.64	18.34	18.81		
10+10	50	0	50	0	16-QAM	21.01	20.96	21.20	20.80	0.1202
10+10	1	0	1	49		18.88	18.99	19.39		
10+10	1	49	1	0		19.08	18.77	19.25		
10+10	50	0	50	0	64-QAM	20.95	20.96	21.11	20.71	0.1178
10+10	1	0	1	49		18.87	18.94	19.22		
10+10	1	49	1	0		19.18	18.84	19.11		
10+10	50	0	50	0	256-QAM	19.00	18.99	19.25	18.85	0.0767
10+10	1	0	1	49		8.44	9.42	8.89		
10+10	1	49	1	0		8.65	9.35	8.58		
15+5	75	0	25	0	QPSK	21.80	21.67	21.92	21.52	0.1419
15+5	1	0	1	24		18.84	19.02	19.29		
15+5	1	74	1	0		18.98	18.89	19.08		
15+5	75	0	25	0	16-QAM	20.72	20.66	20.98	20.58	0.1143
15+5	1	0	1	24		18.82	19.07	19.50		
15+5	1	74	1	0		18.99	19.00	19.09		
15+5	75	0	25	0	64-QAM	20.70	20.67	21.01	20.61	0.1151
15+5	1	0	1	24		18.90	19.00	19.33		
15+5	1	74	1	0		19.13	19.02	19.12		
15+5	75	0	25	0	256-QAM	18.82	18.81	19.05	18.65	0.0733
15+5	1	0	1	24		8.54	8.66	8.95		
15+5	1	74	1	0		8.61	8.53	8.67		
5+15	25	0	75	0	QPSK	21.67	21.65	21.76	21.36	0.1368
5+15	1	0	1	74		18.58	18.77	19.04		
5+15	1	24	1	0		18.90	18.95	18.94		
5+15	25	0	75	0	16-QAM	20.66	20.67	20.87	20.47	0.1114
5+15	1	0	1	74		18.65	18.89	19.14		
5+15	1	24	1	0		19.12	18.98	19.04		
5+15	25	0	75	0	64-QAM	20.61	20.65	20.84	20.44	0.1107
5+15	1	0	1	74		18.68	18.84	19.11		
5+15	1	24	1	0		18.96	18.91	18.95		
5+15	25	0	75	0	256-QAM	18.74	18.78	19.00	18.60	0.0724
5+15	1	0	1	74		8.11	8.36	8.68		
5+15	1	24	1	0		8.51	8.55	8.60		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	21.77	24.23	21.38	23.83	0.2415
10+5	1	0	1	24		18.23	22.36	18.63		
10+5	1	49	1	0		18.47	22.91	18.58		
10+5	50	0	25	0	16-QAM	20.70	23.36	20.44	22.96	0.1977
10+5	1	0	1	24		18.64	22.02	18.77		
10+5	1	49	1	0		19.02	22.52	18.60		
10+5	50	0	25	0	64-QAM	20.66	23.34	20.45	22.94	0.1968
10+5	1	0	1	24		18.73	22.00	18.58		
10+5	1	49	1	0		18.97	22.47	18.66		
10+5	50	0	25	0	256-QAM	18.71	20.51	18.51	20.11	0.1026
10+5	1	0	1	24		8.15	4.46	8.18		
10+5	1	49	1	0		8.62	4.79	8.23		
5+10	25	0	50	0	QPSK	21.26	21.25	21.84	21.44	0.1393
5+10	1	0	1	49		17.85	17.76	19.24		
5+10	1	24	1	0		17.75	17.64	18.83		
5+10	25	0	50	0	16-QAM	20.28	20.23	20.88	20.48	0.1117
5+10	1	0	1	49		18.35	18.67	19.12		
5+10	1	24	1	0		18.59	18.33	18.84		
5+10	25	0	50	0	64-QAM	20.03	20.08	20.92	20.52	0.1127
5+10	1	0	1	49		18.47	18.63	19.09		
5+10	1	24	1	0		18.45	18.22	18.71		
5+10	25	0	50	0	256-QAM	18.10	18.36	18.99	18.59	0.0723
5+10	1	0	1	49		7.79	8.15	9.82		
5+10	1	24	1	0		8.03	8.15	9.39		
5+5	25	0	25	0	QPSK	21.58	21.55	21.55	21.18	0.1312
5+5	1	0	1	24		18.40	17.78	18.38		
5+5	1	24	1	0		18.16	17.92	18.39		
5+5	25	0	25	0	16-QAM	20.71	20.61	20.61	20.31	0.1074
5+5	1	0	1	24		18.83	18.49	18.85		
5+5	1	24	1	0		18.62	18.57	18.72		
5+5	25	0	25	0	64-QAM	20.68	20.53	20.57	20.28	0.1067
5+5	1	0	1	24		18.76	18.53	18.83		
5+5	1	24	1	0		18.78	18.51	18.45		
5+5	25	0	25	0	256-QAM	18.85	18.69	18.89	18.49	0.0706
5+5	1	0	1	24		7.95	9.01	9.51		
5+5	1	24	1	0		8.12	9.52	9.24		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.52	21.74	21.79	21.39	0.1377
20+20	1	0	1	99		18.61	18.98	19.06		
20+20	1	99	1	0		18.89	18.89	18.92		
20+20	100	0	100	0	16-QAM	20.53	20.66	20.75	20.35	0.1084
20+20	1	0	1	99		18.77	19.15	19.07		
20+20	1	99	1	0		19.04	18.85	19.15		
20+20	100	0	100	0	64-QAM	20.51	20.70	20.72	20.32	0.1076
20+20	1	0	1	99		18.70	19.09	19.14		
20+20	1	99	1	0		19.05	19.02	19.09		
20+20	100	0	100	0	256-QAM	18.87	18.92	18.98	18.58	0.0721
20+20	1	0	1	99		8.22	8.63	8.92		
20+20	1	99	1	0		8.59	8.57	8.58		
20+15	100	0	75	0	QPSK	21.73	21.85	21.86	21.46	0.1400
20+15	1	0	1	74		18.82	19.18	19.20		
20+15	1	74	1	0		19.14	19.02	19.08		
20+15	100	0	75	0	16-QAM	20.73	20.86	20.89	20.49	0.1119
20+15	1	0	1	74		18.88	19.17	19.29		
20+15	1	74	1	0		19.31	19.16	19.21		
20+15	100	0	75	0	64-QAM	20.72	20.81	20.92	20.52	0.1127
20+15	1	0	1	74		18.88	19.19	19.31		
20+15	1	74	1	0		19.15	19.11	19.18		
20+15	100	0	75	0	256-QAM	18.94	18.93	19.04	18.64	0.0731
20+15	1	0	1	74		8.33	8.76	9.02		
20+15	1	74	1	0		8.69	8.74	8.57		
15+20	75	0	100	0	QPSK	21.45	21.63	21.63	21.23	0.1327
15+20	1	0	1	99		18.32	18.77	19.00		
15+20	1	74	1	0		18.71	18.90	18.97		
15+20	75	0	100	0	16-QAM	20.46	20.71	20.71	20.31	0.1074
15+20	1	0	1	99		18.52	18.96	19.10		
15+20	1	74	1	0		18.88	19.01	19.17		
15+20	75	0	100	0	64-QAM	20.45	20.57	20.71	20.31	0.1074
15+20	1	0	1	99		18.30	18.91	19.08		
15+20	1	74	1	0		18.77	19.07	19.09		
15+20	75	0	100	0	256-QAM	18.85	18.57	18.87	18.47	0.0703
15+20	1	0	1	99		9.10	8.46	8.82		
15+20	1	74	1	0		9.54	8.56	8.74		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	21.76	21.82	21.97	21.57	0.1435
20+10	1	0	1	49		18.90	19.13	19.30		
20+10	1	99	1	0		19.16	19.03	19.18		
20+10	100	0	50	0	16-QAM	20.78	20.80	21.01	20.61	0.1151
20+10	1	0	1	49		19.02	19.21	19.26		
20+10	1	99	1	0		19.24	19.16	19.23		
20+10	100	0	50	0	64-QAM	20.76	20.82	21.03	20.63	0.1156
20+10	1	0	1	49		18.97	19.16	19.37		
20+10	1	99	1	0		19.17	18.95	19.15		
20+10	100	0	50	0	256-QAM	18.98	18.95	19.11	18.71	0.0743
20+10	1	0	1	49		8.44	8.91	9.03		
20+10	1	99	1	0		8.70	8.59	8.20		
10+20	50	0	100	0	QPSK	21.77	21.79	21.82	21.42	0.1387
10+20	1	0	1	99		18.60	18.93	19.02		
10+20	1	49	1	0		19.08	19.07	18.99		
10+20	50	0	100	0	16-QAM	20.68	20.82	20.87	20.47	0.1114
10+20	1	0	1	99		18.75	19.04	19.01		
10+20	1	49	1	0		19.12	19.05	19.05		
10+20	50	0	100	0	64-QAM	20.66	20.83	20.95	20.55	0.1135
10+20	1	0	1	99		18.64	18.92	19.16		
10+20	1	49	1	0		19.13	19.16	19.13		
10+20	50	0	100	0	256-QAM	18.86	18.87	19.00	18.60	0.0724
10+20	1	0	1	99		8.07	8.54	8.74		
10+20	1	49	1	0		8.70	8.78	8.73		
20+5	100	0	25	0	QPSK	21.54	21.20	21.43	21.14	0.1300
20+5	1	0	1	24		18.59	18.60	18.80		
20+5	1	99	1	0		18.73	18.34	18.51		
20+5	100	0	25	0	16-QAM	20.46	20.25	20.44	20.06	0.1014
20+5	1	0	1	24		18.63	18.75	18.80		
20+5	1	99	1	0		18.81	18.49	18.62		
20+5	100	0	25	0	64-QAM	20.56	20.20	20.46	20.16	0.1038
20+5	1	0	1	24		18.75	18.58	18.74		
20+5	1	99	1	0		18.72	18.40	18.60		
20+5	100	0	25	0	256-QAM	18.94	18.39	18.36	18.54	0.0714
20+5	1	0	1	24		9.32	7.94	8.47		
20+5	1	99	1	0		9.26	8.03	8.07		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	21.64	21.28	21.75	21.35	0.1365
5+20	1	0	1	99		18.42	18.40	19.08		
5+20	1	24	1	0		18.88	18.70	18.68		
5+20	25	0	100	0	16-QAM	20.56	20.35	20.82	20.42	0.1102
5+20	1	0	1	99		18.57	18.54	18.39		
5+20	1	24	1	0		18.97	18.64	18.71		
5+20	25	0	100	0	64-QAM	20.54	20.12	20.89	20.49	0.1119
5+20	1	0	1	99		18.62	18.38	18.71		
5+20	1	24	1	0		18.93	18.53	18.81		
5+20	25	0	100	0	256-QAM	18.72	18.22	19.00	18.60	0.0724
5+20	1	0	1	99		8.00	8.13	8.27		
5+20	1	24	1	0		8.59	8.20	8.24		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	21.73	21.31	21.31	21.33	0.1358
15+10	1	0	1	49		18.73	18.57	18.78		
15+10	1	74	1	0		19.01	18.49	18.39		
15+10	75	0	50	0	16-QAM	20.65	20.30	20.27	20.25	0.1059
15+10	1	0	1	49		18.84	18.67	18.78		
15+10	1	74	1	0		19.13	18.62	18.65		
15+10	75	0	50	0	64-QAM	20.61	20.09	20.55	20.21	0.1050
15+10	1	0	1	49		18.78	18.42	18.80		
15+10	1	74	1	0		19.12	18.60	18.75		
15+10	75	0	50	0	256-QAM	18.83	18.39	18.41	18.43	0.0697
15+10	1	0	1	49		8.35	8.17	8.34		
15+10	1	74	1	0		8.51	8.04	8.26		
10+15	50	0	75	0	QPSK	21.44	21.14	21.68	21.28	0.1343
10+15	1	0	1	74		17.92	18.31	19.02		
10+15	1	49	1	0		18.41	18.46	18.97		
10+15	50	0	75	0	16-QAM	19.78	20.03	20.76	20.36	0.1086
10+15	1	0	1	74		17.96	18.41	19.28		
10+15	1	49	1	0		18.56	18.62	19.05		
10+15	50	0	75	0	64-QAM	19.85	20.06	20.74	20.34	0.1081
10+15	1	0	1	74		17.98	18.40	19.13		
10+15	1	49	1	0		18.46	18.56	18.93		
10+15	50	0	75	0	256-QAM	18.17	18.29	18.98	18.58	0.0721
10+15	1	0	1	74		8.59	9.33	8.66		
10+15	1	49	1	0		9.10	9.17	8.44		
15+15	75	0	75	0	QPSK	21.68	21.73	21.81	21.41	0.1384
15+15	1	0	1	74		18.63	19.05	19.18		
15+15	1	74	1	0		19.10	19.06	19.04		
15+15	75	0	75	0	16-QAM	20.55	20.75	20.82	20.42	0.1102
15+15	1	0	1	74		18.53	19.07	19.25		
15+15	1	74	1	0		19.03	18.96	19.14		
15+15	75	0	75	0	64-QAM	20.56	20.78	20.81	20.41	0.1099
15+15	1	0	1	74		18.69	19.01	19.21		
15+15	1	74	1	0		19.16	19.04	19.18		
15+15	75	0	75	0	256-QAM	18.92	18.63	19.14	18.74	0.0748
15+15	1	0	1	74		8.12	8.58	8.85		
15+15	1	74	1	0		8.81	8.67	8.54		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	20.67	20.77	20.69	22.30	0.1698
20+20	1	0	1	99		14.36	14.34	14.40		
20+20	1	99	1	0		22.70	22.64	22.56		
20+20	100	0	100	0	16-QAM	19.67	19.65	19.68	21.55	0.1429
20+20	1	0	1	99		14.76	14.70	14.90		
20+20	1	99	1	0		21.89	21.84	21.95		
20+20	100	0	100	0	64-QAM	19.68	19.72	19.78	19.61	0.0914
20+20	1	0	1	99		14.65	14.73	14.66		
20+20	1	99	1	0		19.88	19.97	20.01		
20+20	100	0	100	0	256-QAM	17.71	17.72	17.78	17.70	0.0589
20+20	1	0	1	99		14.49	14.45	14.57		
20+20	1	99	1	0		18.10	18.02	18.04		
20+15	100	0	75	0	QPSK	20.70	20.76	20.85	22.29	0.1694
20+15	1	0	1	74		14.47	14.49	14.54		
20+15	1	99	1	0		22.45	22.69	22.64		
20+15	100	0	75	0	16-QAM	19.71	19.77	19.84	21.65	0.1462
20+15	1	0	1	74		14.84	14.92	15.04		
20+15	1	99	1	0		22.05	21.98	21.97		
20+15	100	0	75	0	64-QAM	19.73	19.73	19.86	19.69	0.0931
20+15	1	0	1	74		14.89	14.85	15.00		
20+15	1	99	1	0		19.96	19.96	20.09		
20+15	100	0	75	0	256-QAM	17.74	17.73	17.85	17.72	0.0592
20+15	1	0	1	74		14.61	14.66	14.81		
20+15	1	99	1	0		18.00	18.06	18.12		
15+20	75	0	100	0	QPSK	20.58	20.72	20.72	22.30	0.1698
15+20	1	0	1	99		14.19	14.33	14.26		
15+20	1	74	1	0		22.70	22.70	22.65		
15+20	75	0	100	0	16-QAM	19.55	19.64	19.72	21.60	0.1445
15+20	1	0	1	99		14.69	14.76	14.54		
15+20	1	74	1	0		21.97	21.94	22.00		
15+20	75	0	100	0	64-QAM	19.61	19.75	19.74	19.75	0.0944
15+20	1	0	1	99		14.63	14.74	14.72		
15+20	1	74	1	0		19.92	19.93	20.15		
15+20	75	0	100	0	256-QAM	17.58	17.71	17.69	17.68	0.0586
15+20	1	0	1	99		14.41	14.46	14.63		
15+20	1	74	1	0		18.05	18.02	18.08		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	75	0	QPSK	20.70	20.81	20.90	22.33	0.1710
20+10	1	0	1	74		14.58	14.69	14.65		
20+10	1	99	1	0		22.54	22.58	22.73		
20+10	100	0	75	0	16-QAM	19.74	19.83	19.71	21.72	0.1486
20+10	1	0	1	74		14.92	15.11	15.17		
20+10	1	99	1	0		22.12	21.82	21.90		
20+10	100	0	75	0	64-QAM	19.79	19.82	19.84	19.65	0.0923
20+10	1	0	1	74		14.98	15.15	15.06		
20+10	1	99	1	0		20.05	20.01	19.87		
20+10	100	0	75	0	256-QAM	17.73	17.83	17.89	17.71	0.0590
20+10	1	0	1	74		14.72	14.73	14.97		
20+10	1	99	1	0		18.08	18.09	18.11		
10+20	75	0	100	0	QPSK	20.46	20.69	20.73	22.28	0.1690
10+20	1	0	1	99		14.12	14.29	14.31		
10+20	1	74	1	0		22.68	22.64	22.64		
10+20	75	0	100	0	16-QAM	19.56	19.72	19.73	21.54	0.1426
10+20	1	0	1	99		14.59	14.69	14.76		
10+20	1	74	1	0		21.87	21.93	21.94		
10+20	75	0	100	0	64-QAM	19.65	19.67	19.79	19.64	0.0920
10+20	1	0	1	99		14.50	14.77	14.68		
10+20	1	74	1	0		19.92	19.91	20.04		
10+20	75	0	100	0	256-QAM	17.54	17.75	17.79	17.63	0.0579
10+20	1	0	1	99		14.39	14.62	14.48		
10+20	1	74	1	0		18.02	18.02	18.03		
15+15	75	0	100	0	QPSK	20.58	20.76	20.90	22.26	0.1683
15+15	1	0	1	99		14.30	14.43	14.33		
15+15	1	74	1	0		22.66	22.55	22.55		
15+15	75	0	100	0	16-QAM	19.57	19.74	19.87	21.58	0.1439
15+15	1	0	1	99		14.73	14.84	15.12		
15+15	1	74	1	0		21.88	21.82	21.98		
15+15	75	0	100	0	64-QAM	19.61	19.78	19.87	19.69	0.0931
15+15	1	0	1	99		14.81	14.83	15.02		
15+15	1	74	1	0		20.09	19.97	20.03		
15+15	75	0	100	0	256-QAM	17.57	17.70	17.87	17.76	0.0597
15+15	1	0	1	99		14.39	14.45	14.78		
15+15	1	74	1	0		18.02	18.00	18.16		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	20.64	20.81	20.83	22.41	0.1742
15+10	1	0	1	99		14.33	14.55	14.68		
15+10	1	74	1	0		22.81	22.71	22.71		
15+10	75	0	100	0	16-QAM	19.58	19.83	19.87	21.66	0.1466
15+10	1	0	1	99		14.72	15.06	15.35		
15+10	1	74	1	0		22.06	22.06	21.82		
15+10	75	0	100	0	64-QAM	19.67	19.84	19.98	19.68	0.0929
15+10	1	0	1	99		14.79	15.08	15.20		
15+10	1	74	1	0		20.08	20.08	19.94		
15+10	75	0	100	0	256-QAM	17.63	17.84	17.93	17.80	0.0603
15+10	1	0	1	99		14.82	14.83	14.93		
15+10	1	74	1	0		18.14	18.20	18.11		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	20.06	19.86	19.89	21.61	0.1449
20+20	1	0	1	99		13.95	13.74	13.89		
20+20	1	99	1	0		22.01	21.92	21.83		
20+20	100	0	100	0	16-QAM	19.16	18.97	19.02	21.02	0.1265
20+20	1	0	1	99		14.47	13.95	14.41		
20+20	1	99	1	0		21.36	21.27	21.42		
20+20	100	0	100	0	64-QAM	19.19	18.96	19.00	19.00	0.0794
20+20	1	0	1	99		14.14	14.10	14.44		
20+20	1	99	1	0		19.36	19.26	19.40		
20+20	100	0	100	0	256-QAM	17.12	16.97	17.03	16.99	0.0500
20+20	1	0	1	99		14.34	14.06	14.29		
20+20	1	99	1	0		17.39	17.27	17.17		
20+15	100	0	75	0	QPSK	20.08	19.97	19.95	21.60	0.1445
20+15	1	0	1	74		13.96	13.79	13.92		
20+15	1	99	1	0		22.00	21.96	21.86		
20+15	100	0	75	0	16-QAM	19.15	19.05	19.02	21.04	0.1271
20+15	1	0	1	74		14.34	14.30	14.51		
20+15	1	99	1	0		21.37	21.34	21.44		
20+15	100	0	75	0	64-QAM	19.15	19.02	19.00	18.98	0.0791
20+15	1	0	1	74		14.29	14.31	14.24		
20+15	1	99	1	0		19.38	19.29	19.35		
20+15	100	0	75	0	256-QAM	17.14	17.02	17.01	16.99	0.0500
20+15	1	0	1	74		14.35	14.20	14.46		
20+15	1	99	1	0		17.39	17.34	17.34		
15+20	75	0	100	0	QPSK	20.05	19.97	19.97	21.57	0.1435
15+20	1	0	1	99		13.91	13.74	13.91		
15+20	1	74	1	0		21.97	21.84	21.78		
15+20	75	0	100	0	16-QAM	19.13	19.04	18.96	21.02	0.1265
15+20	1	0	1	99		14.23	14.15	14.19		
15+20	1	74	1	0		21.42	21.30	21.13		
15+20	75	0	100	0	64-QAM	19.21	19.03	19.04	19.14	0.0820
15+20	1	0	1	99		14.36	14.28	14.39		
15+20	1	74	1	0		19.54	19.38	19.24		
15+20	75	0	100	0	256-QAM	17.11	16.98	17.01	17.05	0.0507
15+20	1	0	1	99		14.23	14.02	14.19		
15+20	1	74	1	0		17.45	17.26	17.14		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.4 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	20.08	19.97	19.90	21.62	0.1452
20+10	1	0	1	49		14.00	13.82	13.92		
20+10	1	99	1	0		22.02	21.97	21.77		
20+10	100	0	50	0	16-QAM	19.14	19.03	18.98	21.12	0.1294
20+10	1	0	1	49		14.47	14.29	14.42		
20+10	1	99	1	0		21.52	21.28	21.15		
20+10	100	0	50	0	64-QAM	19.15	19.04	18.97	19.18	0.0828
20+10	1	0	1	49		14.56	14.21	14.48		
20+10	1	99	1	0		19.58	19.51	19.15		
20+10	100	0	50	0	256-QAM	17.17	17.05	17.01	17.10	0.0513
20+10	1	0	1	49		14.33	14.12	14.36		
20+10	1	99	1	0		17.50	17.37	17.24		
10+20	50	0	100	0	QPSK	20.27	20.04	20.01	21.65	0.1462
10+20	1	0	1	99		14.07	13.85	13.92		
10+20	1	49	1	0		22.05	21.87	21.85		
10+20	50	0	100	0	16-QAM	19.29	19.07	19.05	21.02	0.1265
10+20	1	0	1	99		14.58	14.23	14.38		
10+20	1	49	1	0		21.42	21.36	21.28		
10+20	50	0	100	0	64-QAM	19.34	19.12	19.11	19.21	0.0834
10+20	1	0	1	99		14.41	14.21	14.34		
10+20	1	49	1	0		19.61	19.48	19.34		
10+20	50	0	100	0	256-QAM	17.36	17.12	17.13	17.03	0.0505
10+20	1	0	1	99		14.46	14.18	14.43		
10+20	1	49	1	0		17.43	17.14	17.22		
20+5	100	0	25	0	QPSK	20.15	20.06	19.93	21.65	0.1462
20+5	1	0	1	24		14.07	13.90	13.94		
20+5	1	99	1	0		22.05	22.00	21.82		
20+5	100	0	25	0	16-QAM	19.12	19.10	18.97	21.13	0.1297
20+5	1	0	1	24		14.46	14.19	14.62		
20+5	1	99	1	0		21.53	21.22	21.40		
20+5	100	0	25	0	64-QAM	19.17	19.09	19.00	19.17	0.0826
20+5	1	0	1	24		14.33	14.12	14.47		
20+5	1	99	1	0		19.50	19.57	19.48		
20+5	100	0	25	0	256-QAM	17.21	17.11	17.04	17.11	0.0514
20+5	1	0	1	24		14.54	14.21	14.43		
20+5	1	99	1	0		17.45	17.51	17.25		
Limit	EIRP < 2W					Result			Pass	

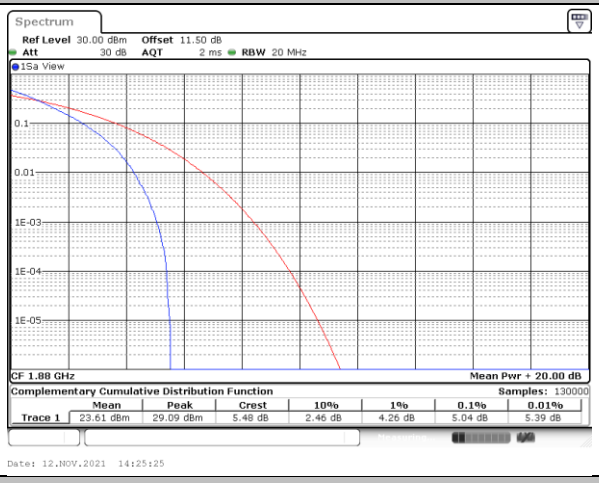
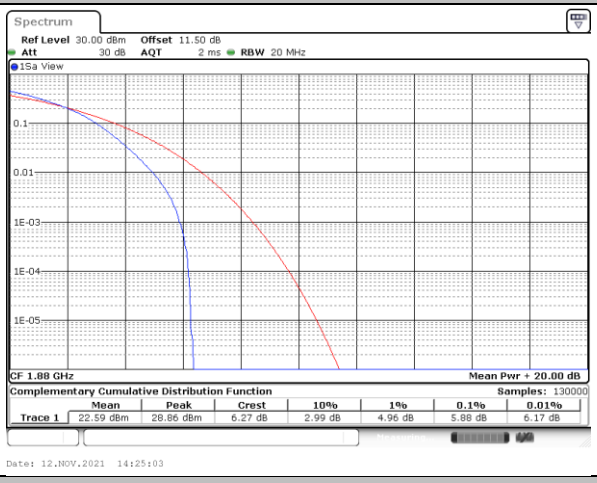
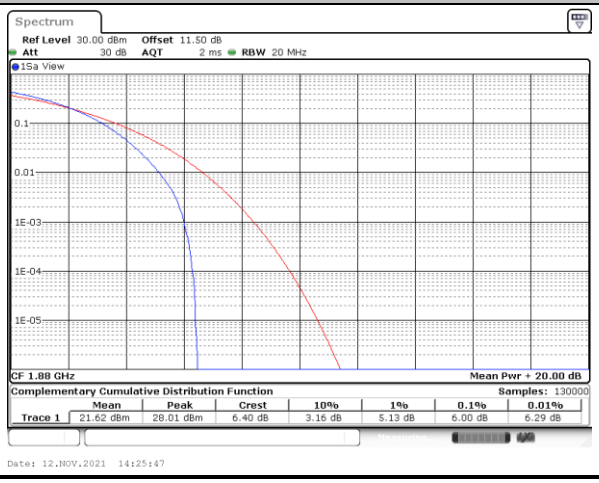
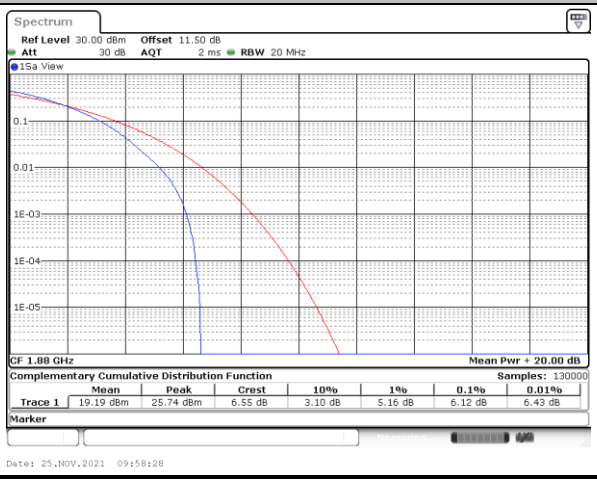
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.30	20.12	20.09	21.65	0.1462
5+20	1	0	1	99		14.07	13.88	13.87		
5+20	1	24	1	0		22.05	21.82	21.79		
5+20	25	0	100	0	16-QAM	19.38	19.21	19.15	21.05	0.1274
5+20	1	0	1	99		14.24	14.34	14.52		
5+20	1	24	1	0		21.40	21.36	21.45		
5+20	25	0	100	0	64-QAM	19.35	19.18	19.18	19.22	0.0836
5+20	1	0	1	99		14.22	14.22	14.40		
5+20	1	24	1	0		19.62	19.26	19.48		
5+20	25	0	100	0	256-QAM	17.38	17.20	17.12	17.23	0.0528
5+20	1	0	1	99		14.42	14.18	14.33		
5+20	1	24	1	0		17.63	17.31	17.47		
15+10	75	0	50	0	QPSK	20.19	20.04	19.95	21.58	0.1439
15+10	1	0	1	49		14.04	13.87	13.88		
15+10	1	74	1	0		21.98	21.92	21.74		
15+10	75	0	50	0	16-QAM	19.23	19.08	19.01	21.12	0.1294
15+10	1	0	1	49		14.48	14.20	14.44		
15+10	1	74	1	0		21.52	21.32	21.43		
15+10	75	0	50	0	64-QAM	19.24	19.15	19.04	19.14	0.0820
15+10	1	0	1	49		14.35	14.35	14.38		
15+10	1	74	1	0		19.50	19.54	19.28		
15+10	75	0	50	0	256-QAM	17.22	17.08	17.01	17.40	0.0550
15+10	1	0	1	49		14.51	14.19	14.39		
15+10	1	74	1	0		17.80	17.42	17.15		
10+15	50	0	75	0	QPSK	20.23	20.13	19.96	21.66	0.1466
10+15	1	0	1	74		14.09	13.88	13.89		
10+15	1	49	1	0		22.06	21.87	21.73		
10+15	50	0	75	0	16-QAM	19.26	19.16	19.00	21.16	0.1306
10+15	1	0	1	74		14.76	14.14	14.25		
10+15	1	49	1	0		21.56	21.32	21.11		
10+15	50	0	75	0	64-QAM	19.31	19.12	19.07	19.25	0.0841
10+15	1	0	1	74		14.54	14.44	14.32		
10+15	1	49	1	0		19.65	19.36	19.18		
10+15	50	0	75	0	256-QAM	17.31	17.10	17.06	17.18	0.0522
10+15	1	0	1	74		14.47	14.36	14.17		
10+15	1	49	1	0		17.58	17.35	17.24		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -0.4 dB)										
15+15	75	0	75	0	QPSK	20.15	19.97	20.03	21.60	0.1445
15+15	1	0	1	74		13.98	13.83	13.93		
15+15	1	74	1	0		22.00	21.91	21.79		
15+15	75	0	75	0	16-QAM	19.16	19.05	19.06	21.23	0.1327
15+15	1	0	1	74		14.15	14.42	14.36		
15+15	1	74	1	0		21.35	21.63	21.31		
15+15	75	0	75	0	64-QAM	19.22	19.12	19.10	19.09	0.0811
15+15	1	0	1	74		14.38	14.26	14.33		
15+15	1	74	1	0		19.41	19.49	19.21		
15+15	75	0	75	0	256-QAM	17.14	17.04	17.04	17.13	0.0516
15+15	1	0	1	74		14.48	14.45	14.34		
15+15	1	74	1	0		17.40	17.53	17.29		
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	5.04	5.88	6.00	6.12	PASS

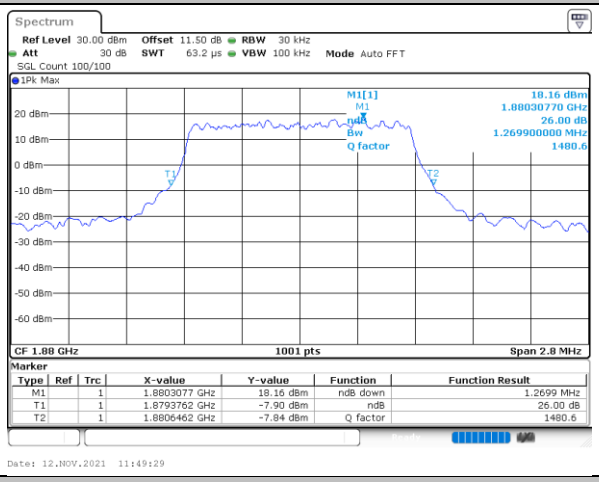
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	LTE Band 2 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

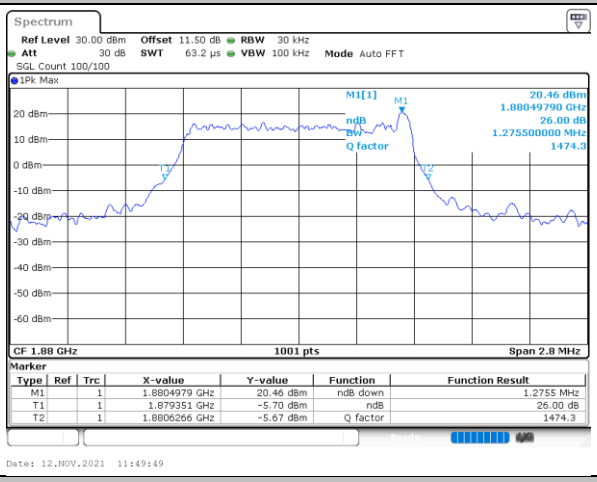
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.28	3.09	3.08	4.99	5.11	10.19	10.43	14.75	14.81	19.22	18.54
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.28	1.28	3.13	3.03	4.92	5.06	9.95	10.17	15.05	14.87	18.90	19.14

LTE Band 2

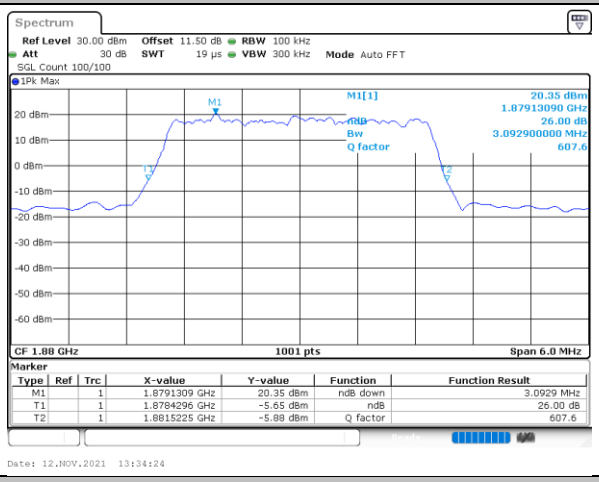
Middle Channel / 1.4MHz / QPSK



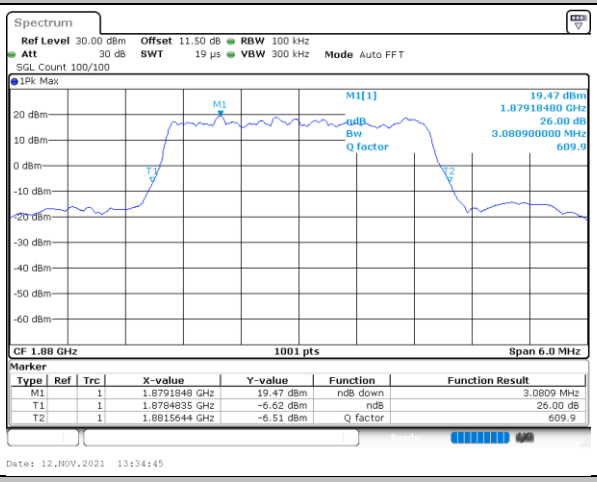
Middle Channel / 1.4MHz / 16QAM



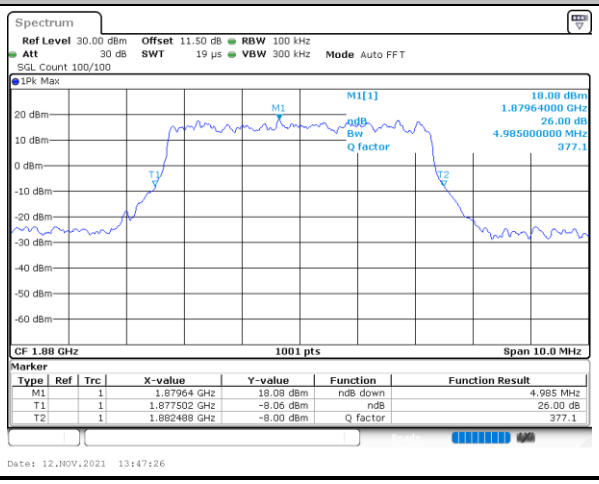
Middle Channel / 3MHz / QPSK



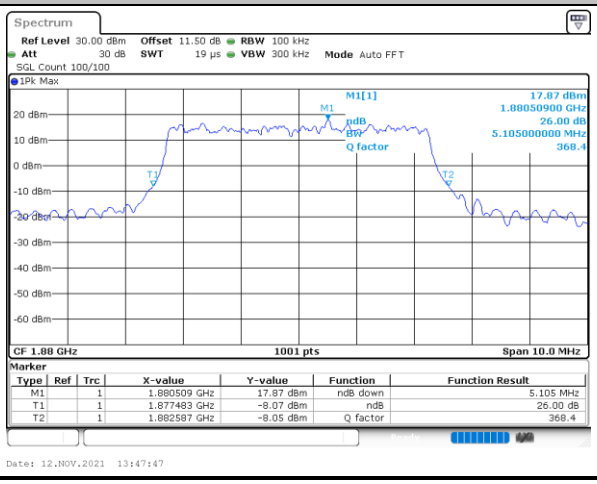
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

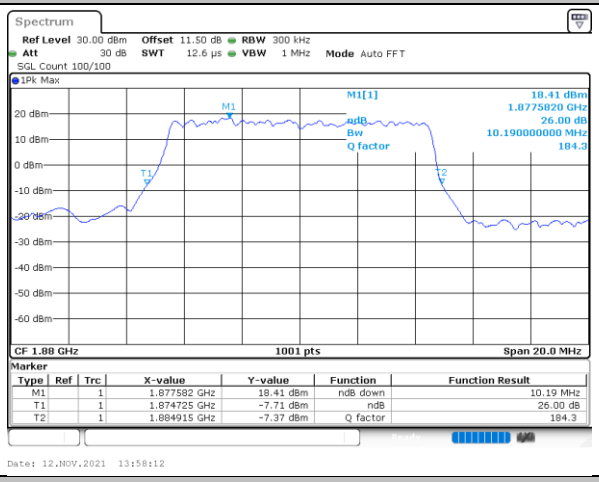


Middle Channel / 5MHz / 16QAM

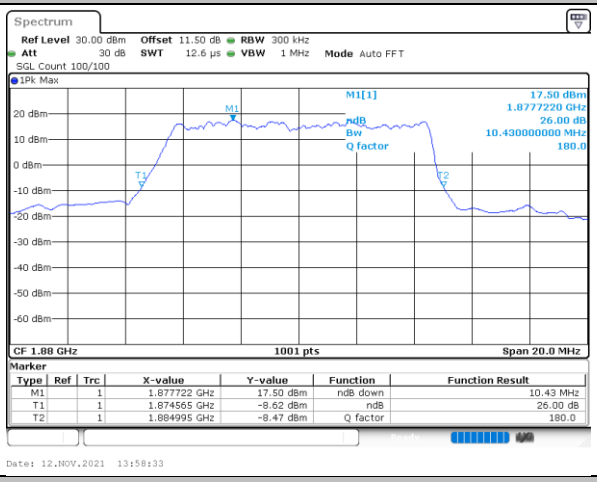


LTE Band 2

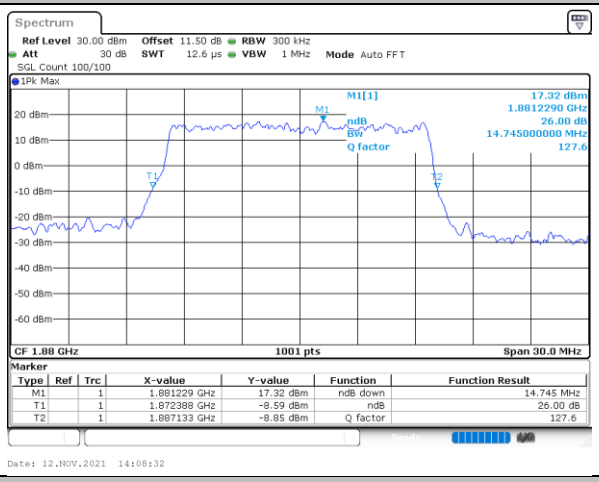
Middle Channel / 10MHz / QPSK



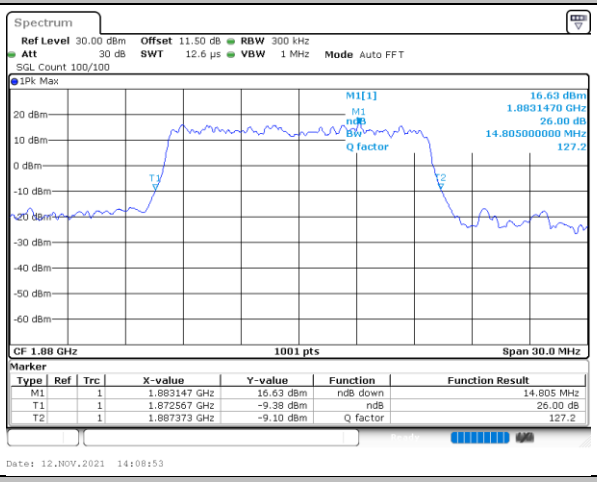
Middle Channel / 10MHz / 16QAM



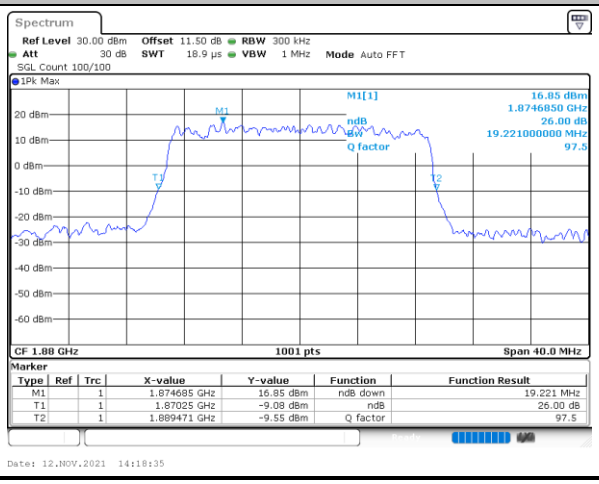
Middle Channel / 15MHz / QPSK



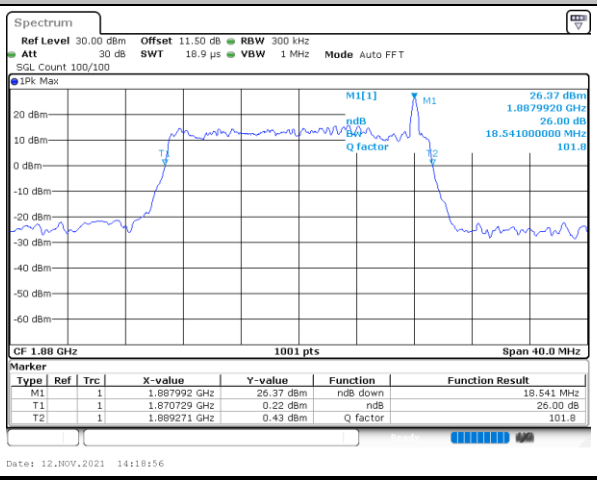
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

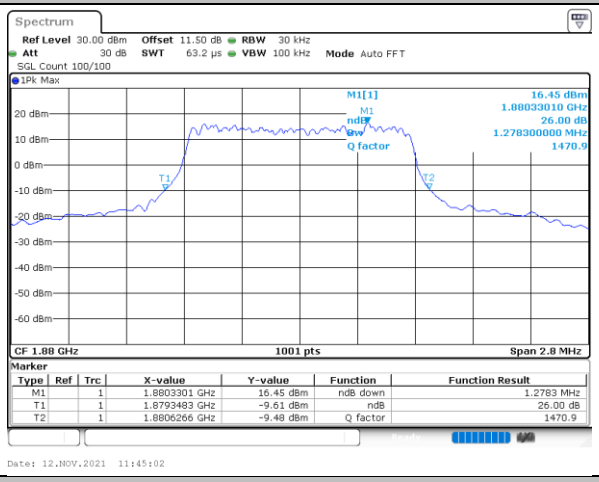


Middle Channel / 20MHz / 16QAM

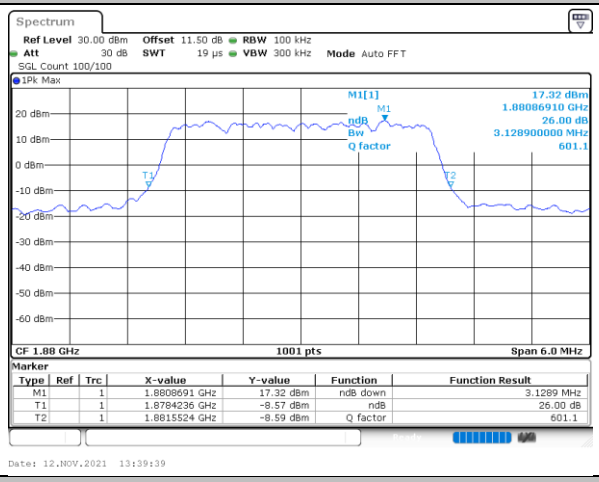


LTE Band 2

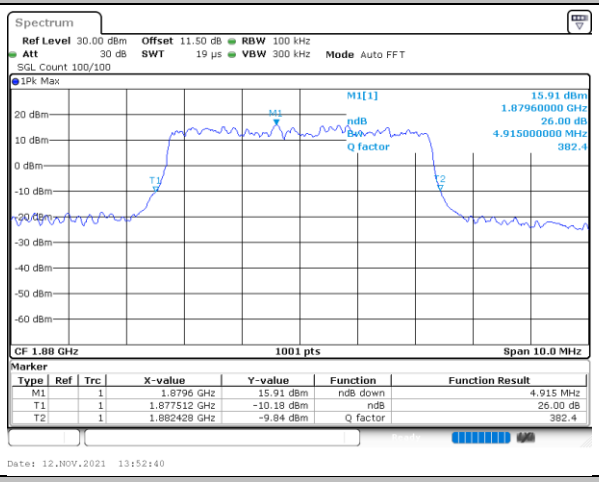
Middle Channel / 1.4MHz / 64QAM



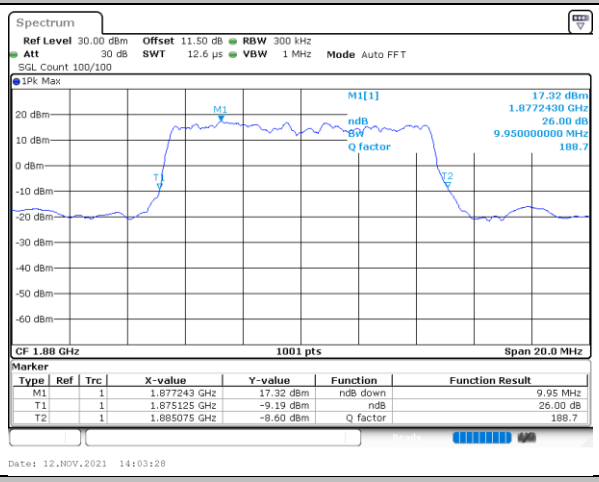
Middle Channel / 3MHz / 64QAM



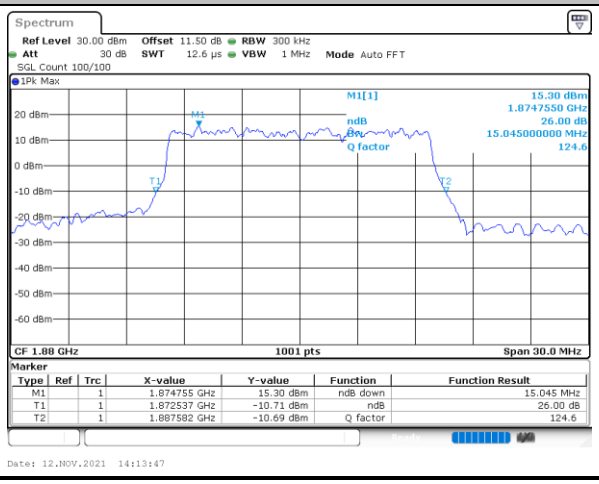
Middle Channel / 5MHz / 64QAM



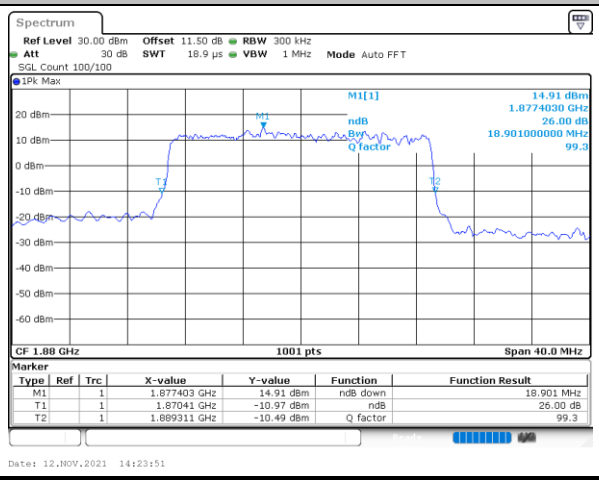
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

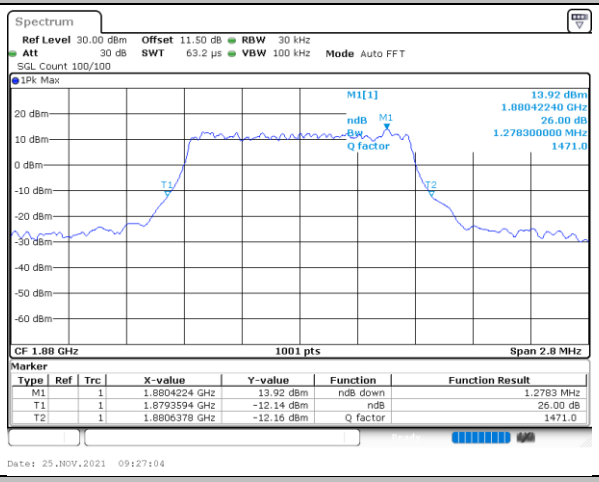


Middle Channel / 20MHz / 64QAM

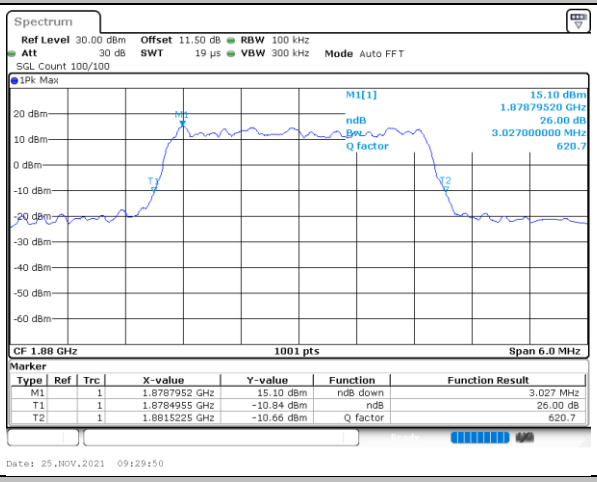


LTE Band 2

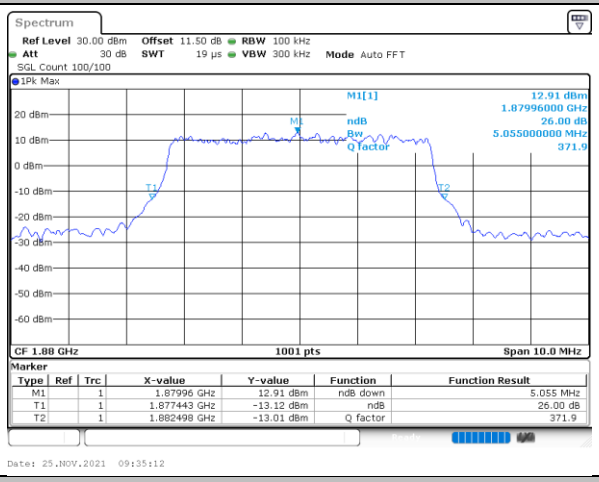
Middle Channel / 1.4MHz / 256QAM



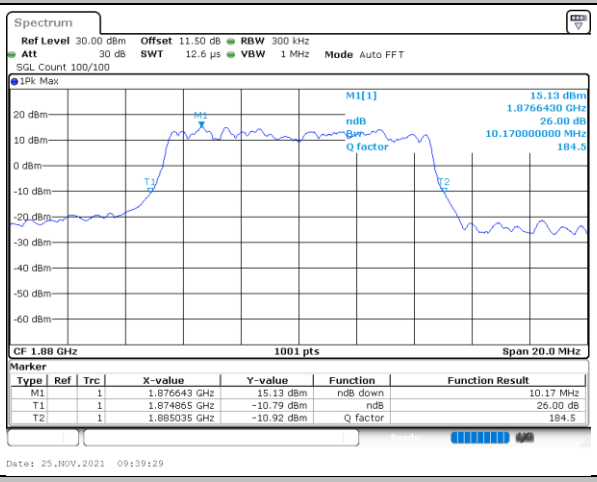
Middle Channel / 3MHz / 256QAM



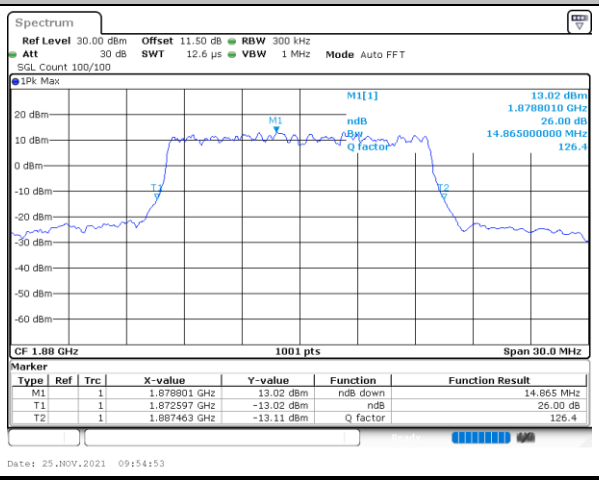
Middle Channel / 5MHz / 256QAM



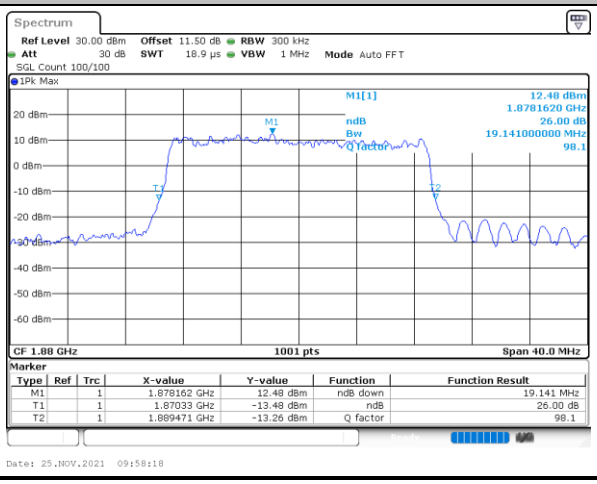
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

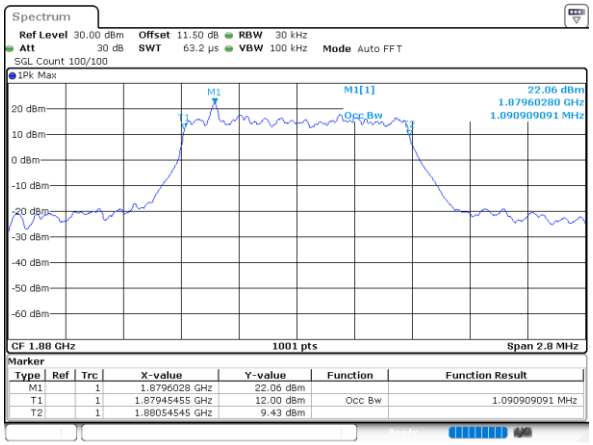


Occupied Bandwidth

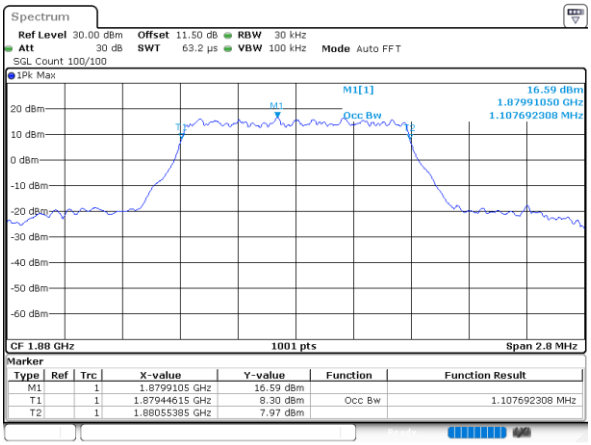
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.11	2.75	2.72	4.50	4.51	9.07	9.07	13.46	13.43	17.86	17.94
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	1.09	2.73	2.73	4.49	4.49	9.05	9.03	13.43	13.46	17.90	17.90

LTE Band 2

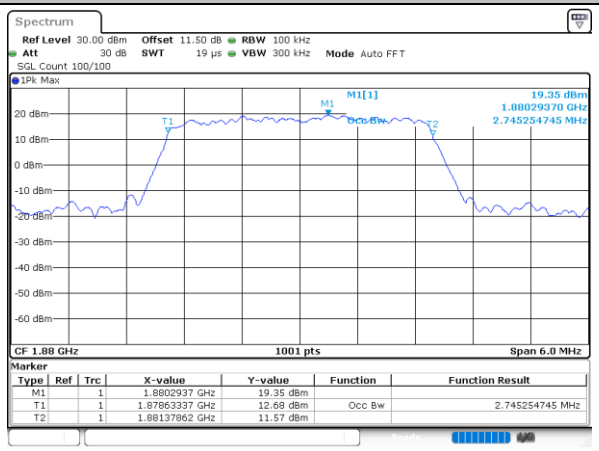
Middle Channel / 1.4MHz / QPSK



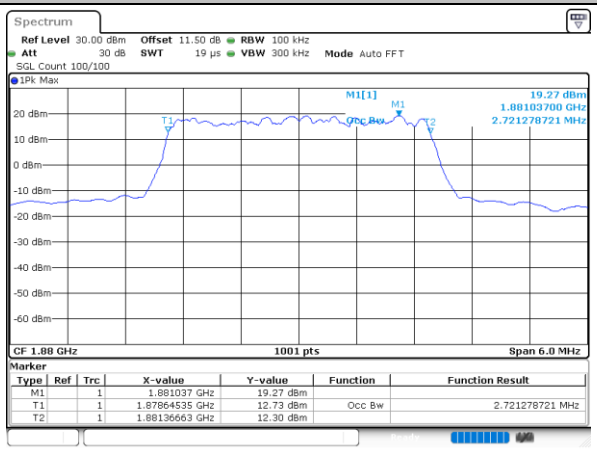
Middle Channel / 1.4MHz / 16QAM



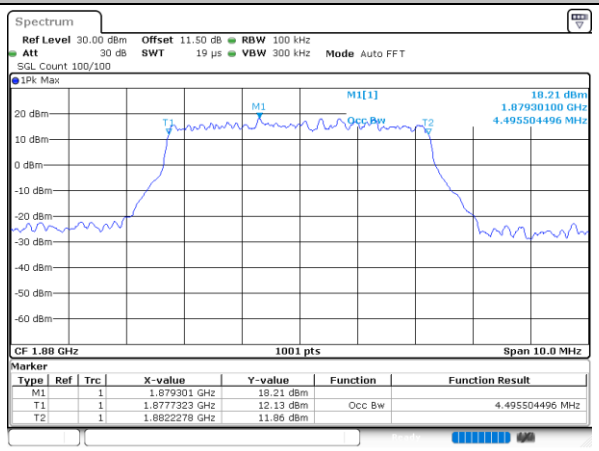
Middle Channel / 3MHz / QPSK



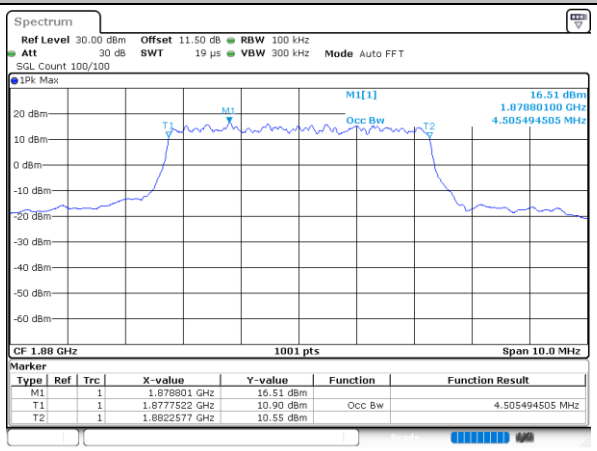
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

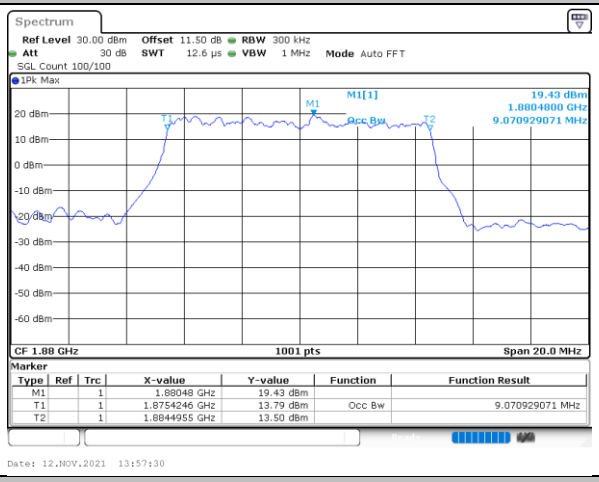


Middle Channel / 5MHz / 16QAM

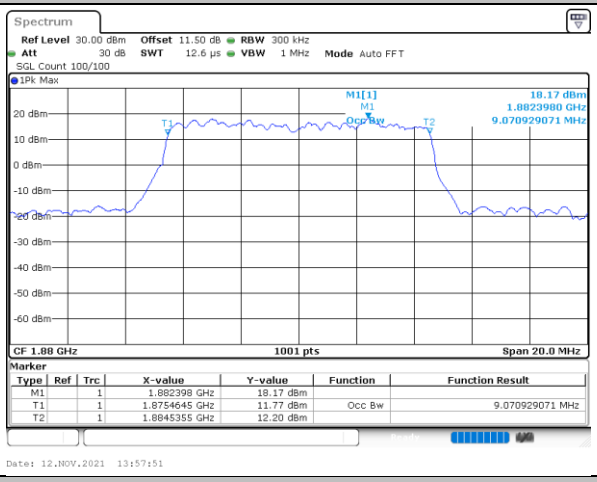


LTE Band 2

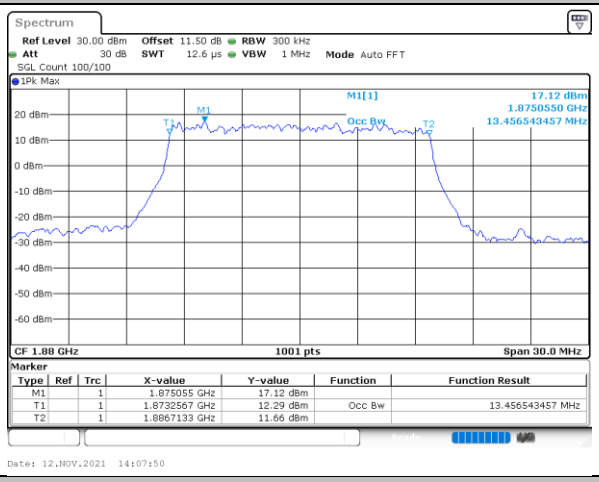
Middle Channel / 10MHz / QPSK



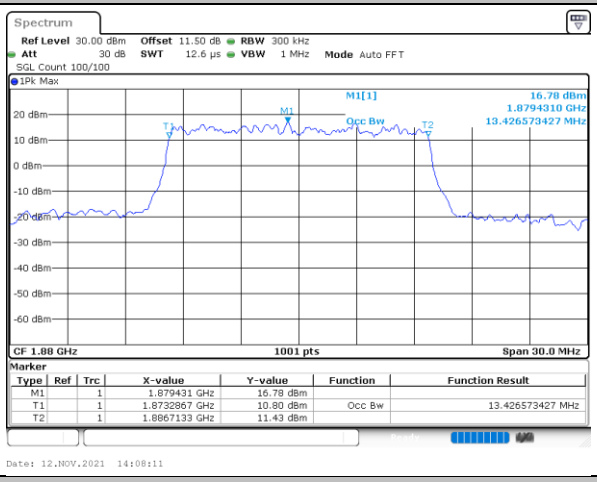
Middle Channel / 10MHz / 16QAM



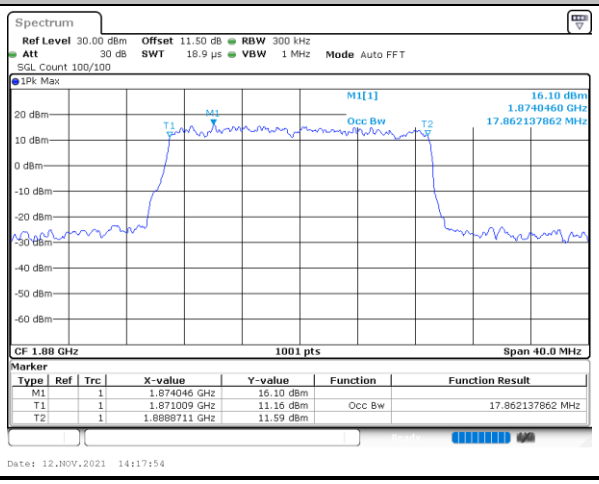
Middle Channel / 15MHz / QPSK



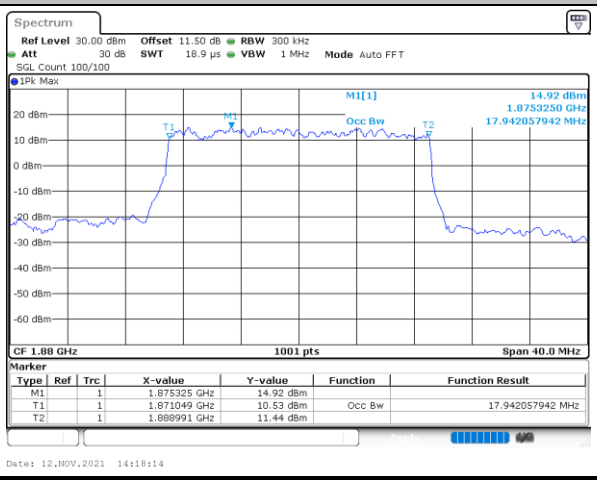
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

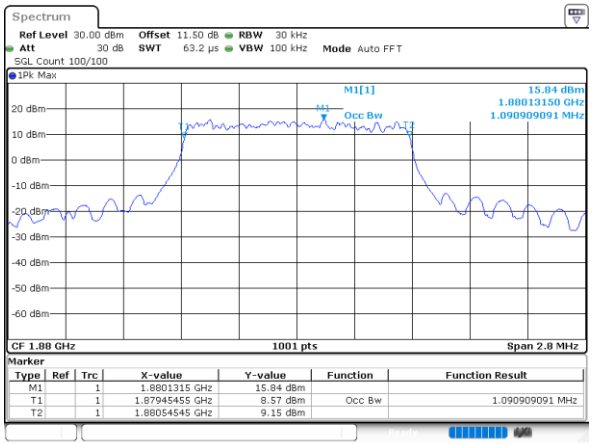


Middle Channel / 20MHz / 16QAM

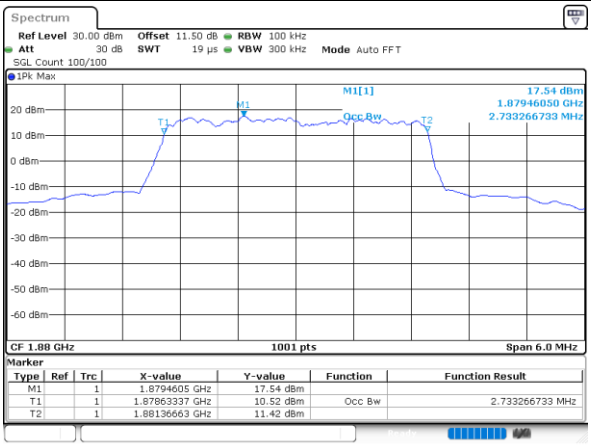


LTE Band 2

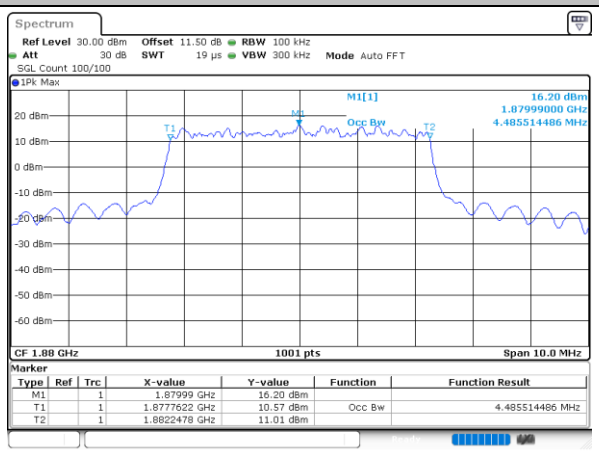
Middle Channel / 1.4MHz / 64QAM



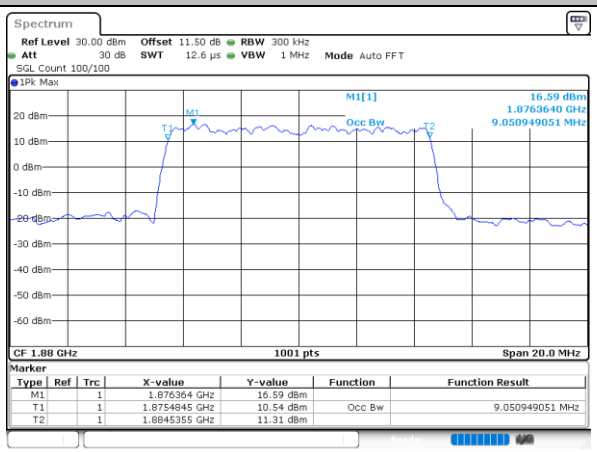
Middle Channel / 3MHz / 64QAM



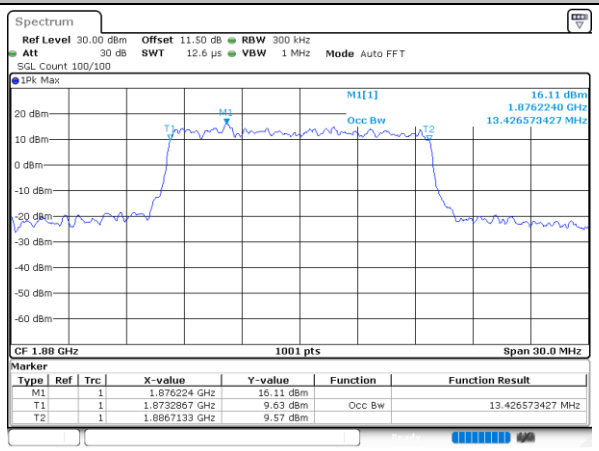
Middle Channel / 5MHz / 64QAM



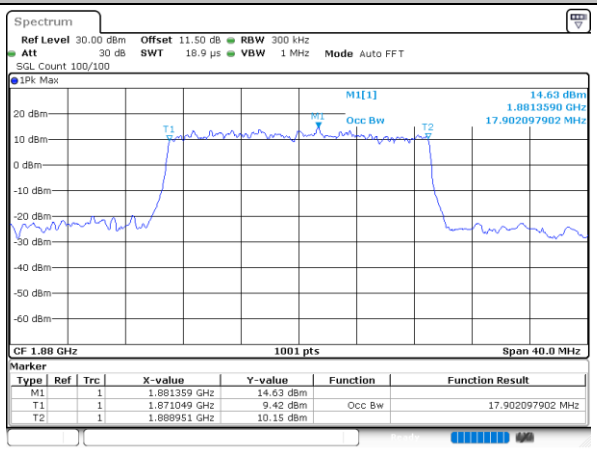
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

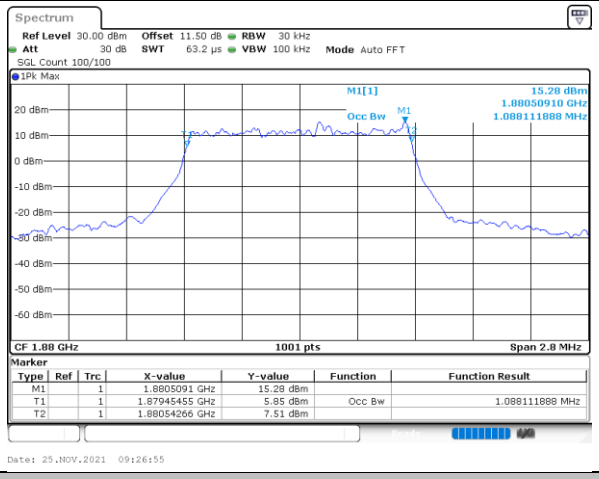


Middle Channel / 20MHz / 64QAM

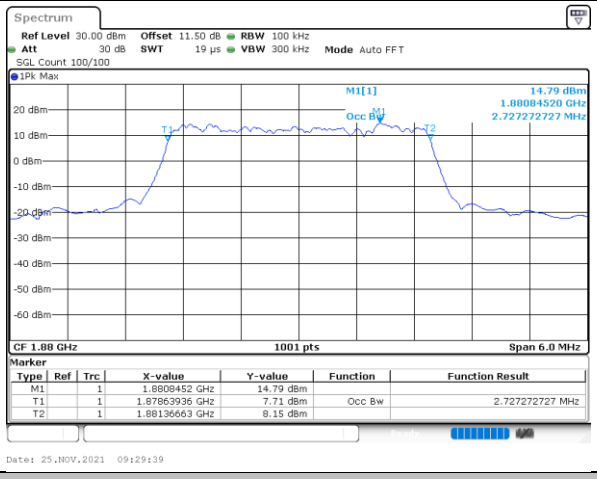


LTE Band 2

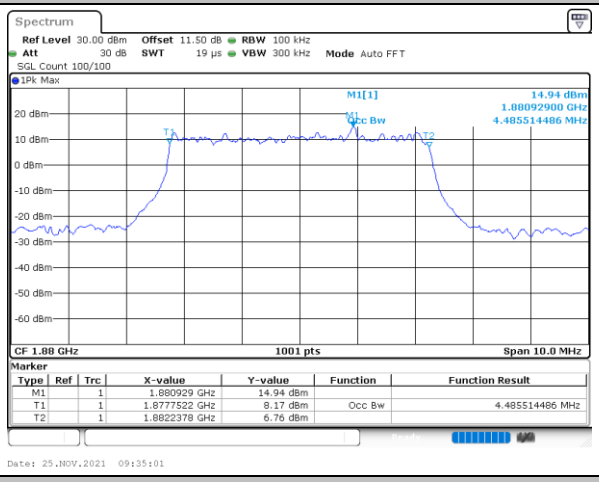
Middle Channel / 1.4MHz / 256QAM



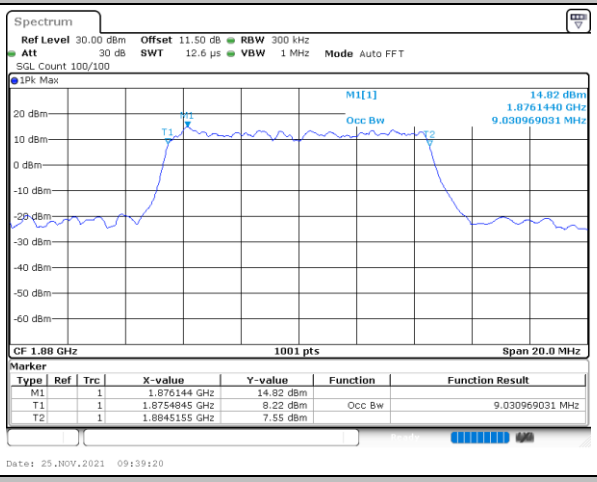
Middle Channel / 3MHz / 256QAM



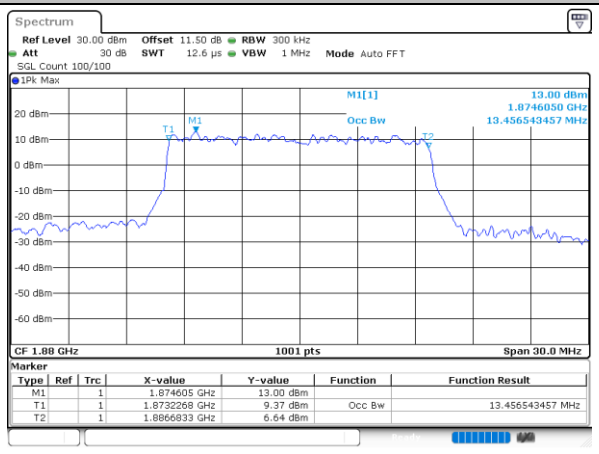
Middle Channel / 5MHz / 256QAM



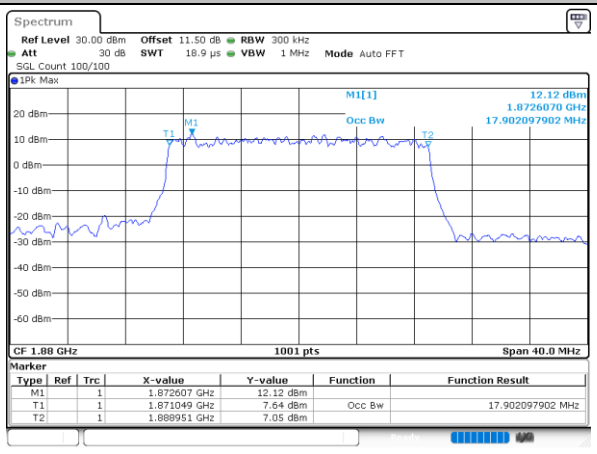
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



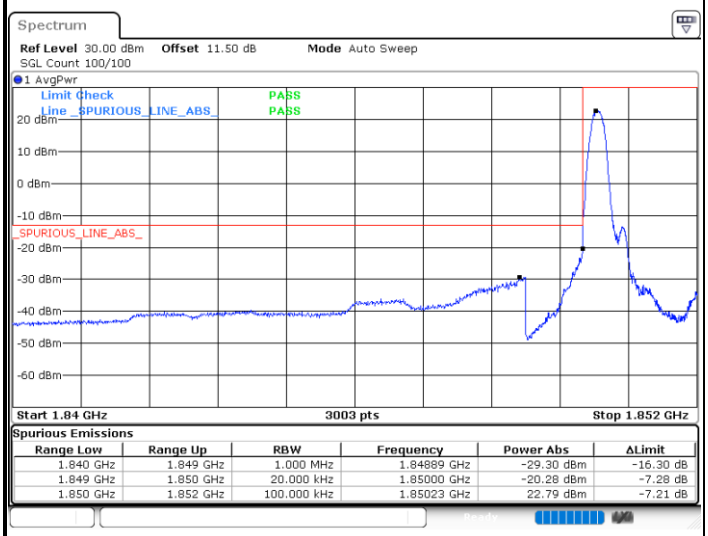
Middle Channel / 20MHz / 256QAM



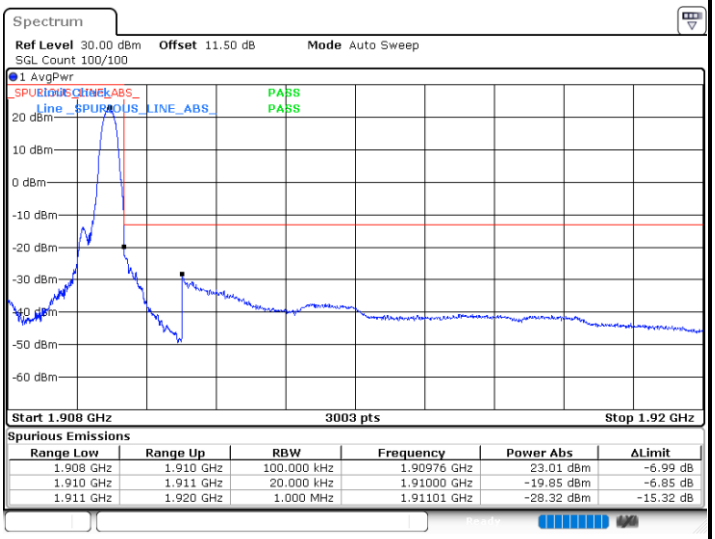
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

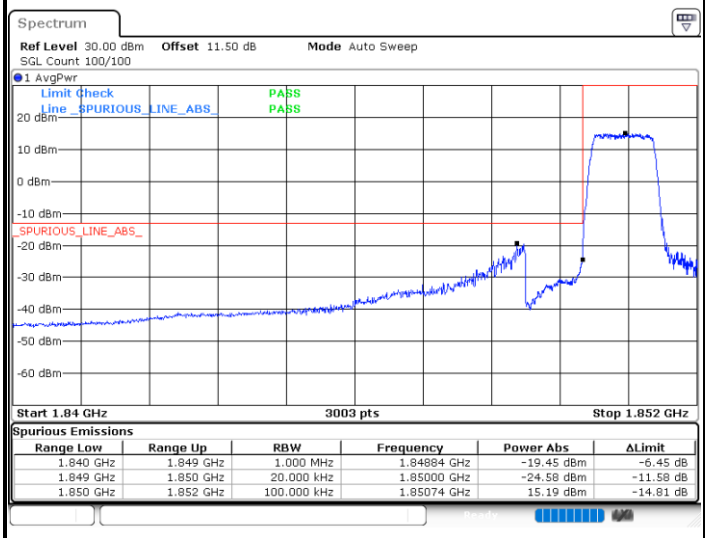
Lowest Band Edge / 1RB



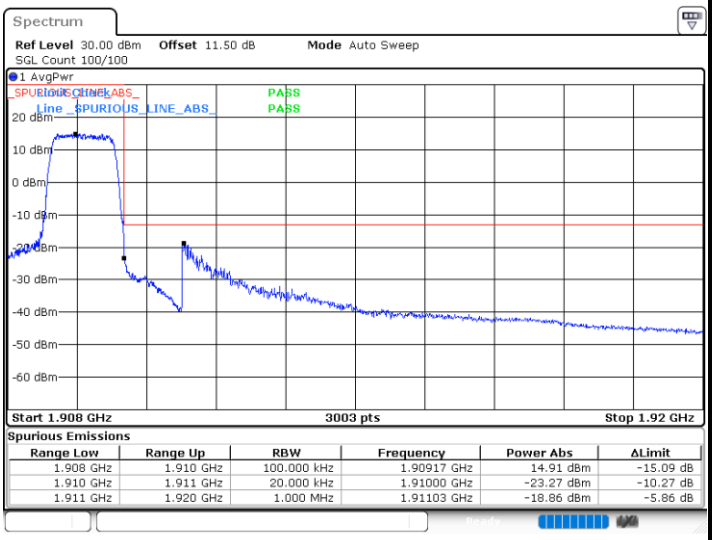
Highest Band Edge / 1RB



Lowest Band Edge / Full RB

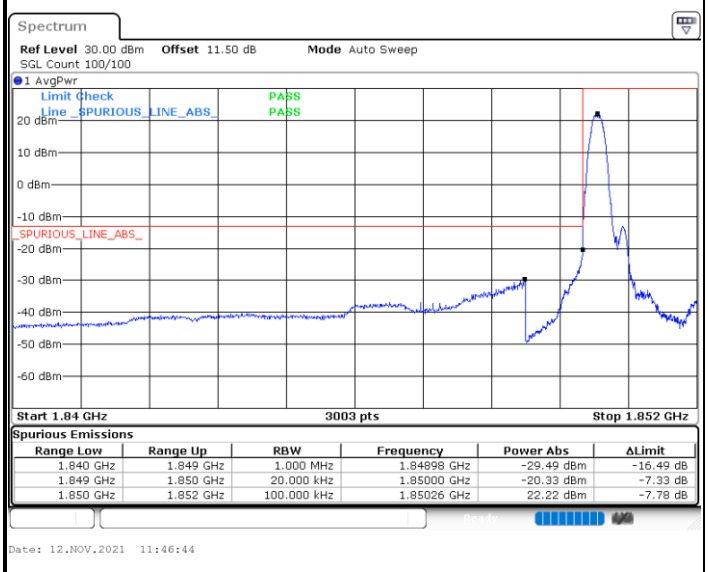


Highest Band Edge / Full RB

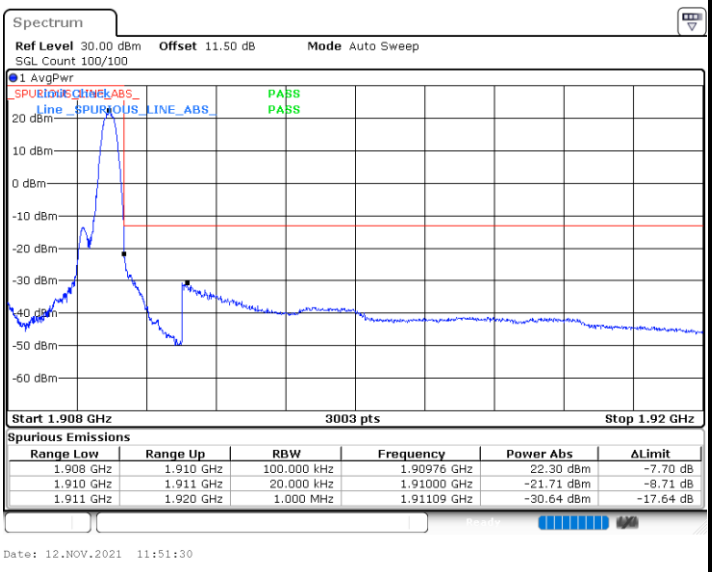


LTE Band 2 / 1.4MHz / 16QAM

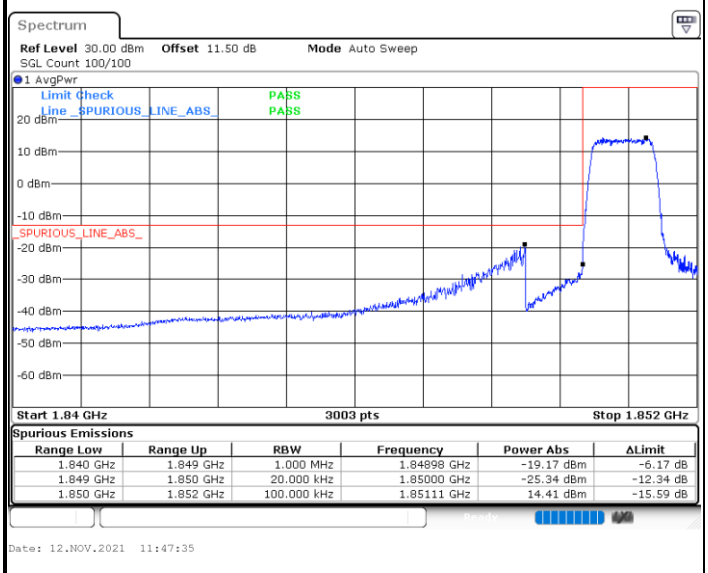
Lowest Band Edge / 1 RB



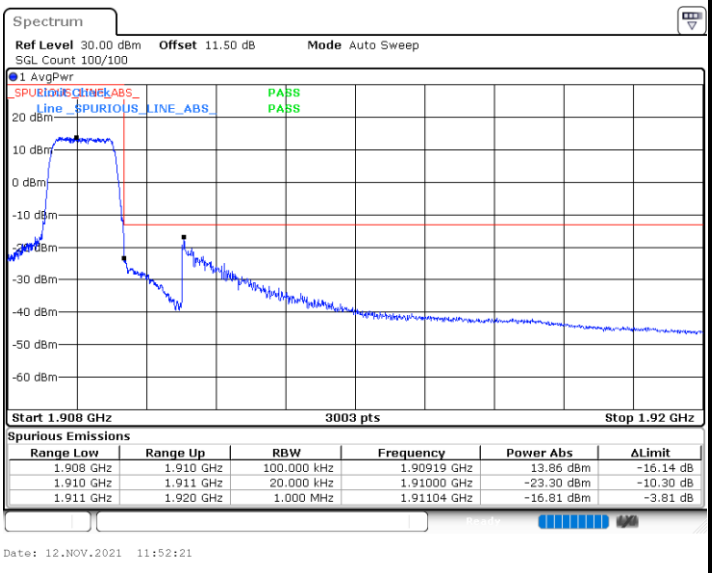
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

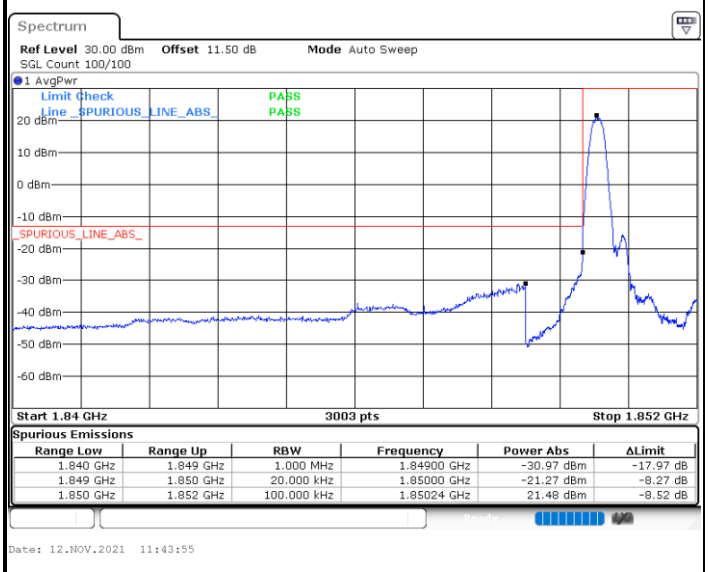


Highest Band Edge / Full RB

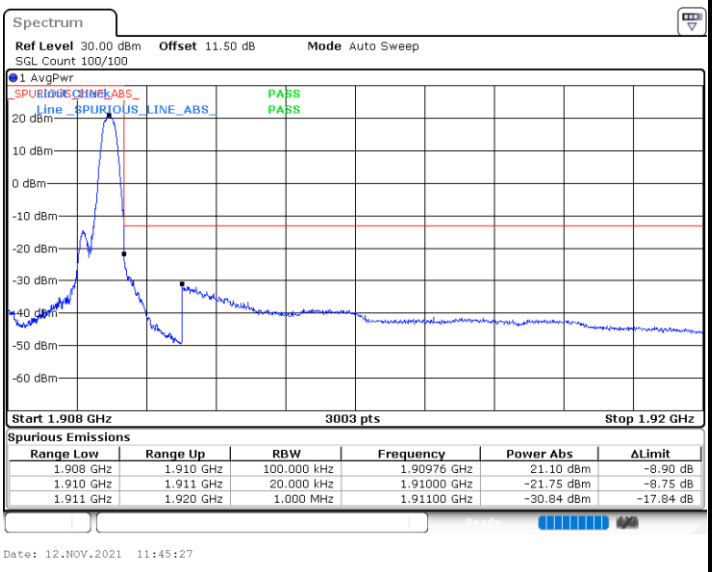


LTE Band 2 / 1.4MHz / 64QAM

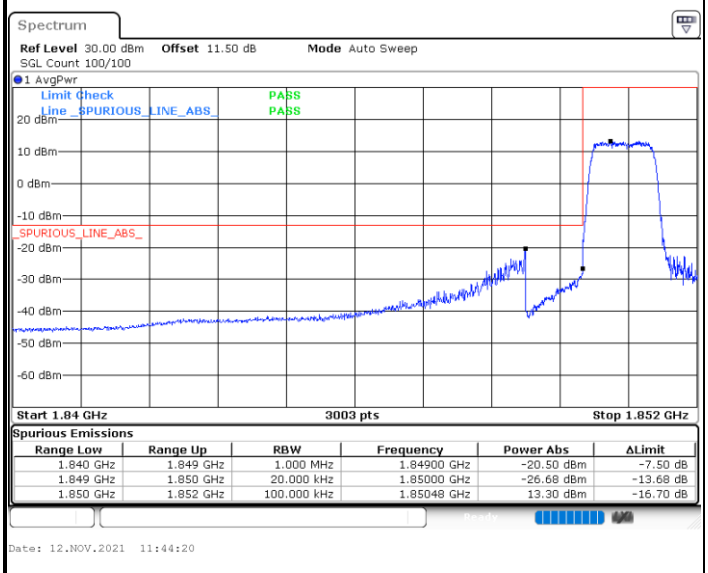
Lowest Band Edge / 1 RB



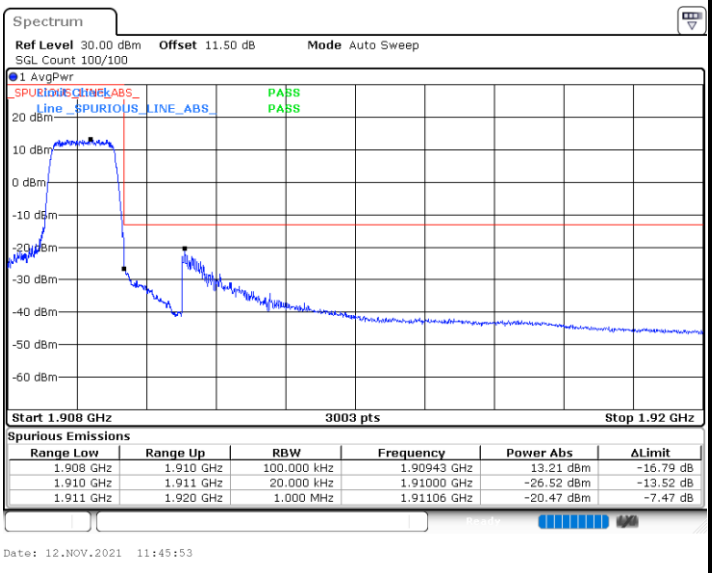
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

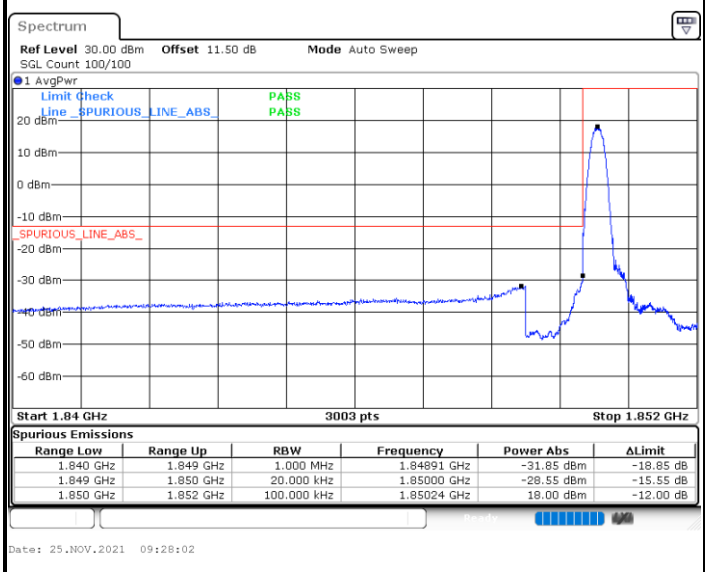


Highest Band Edge / Full RB

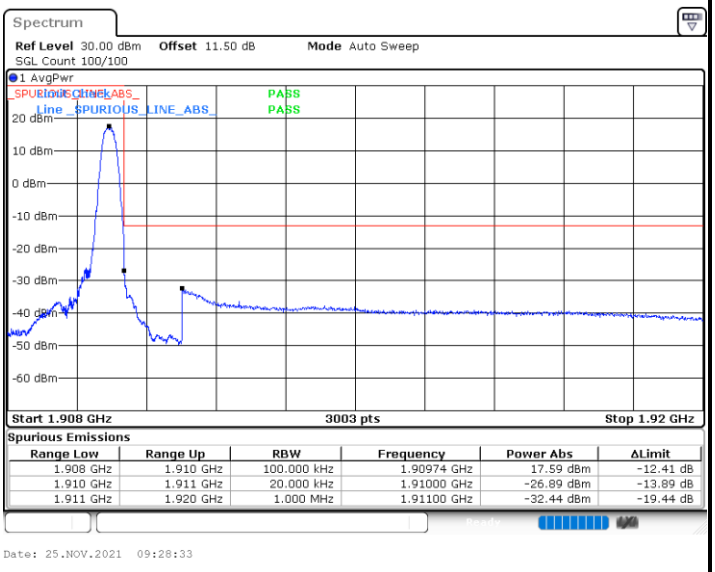


LTE Band 2 / 1.4MHz / 256QAM

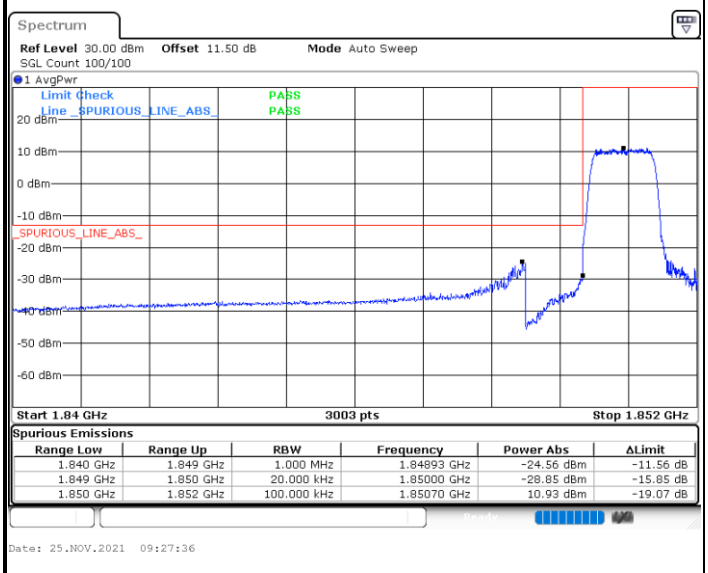
Lowest Band Edge / 1 RB



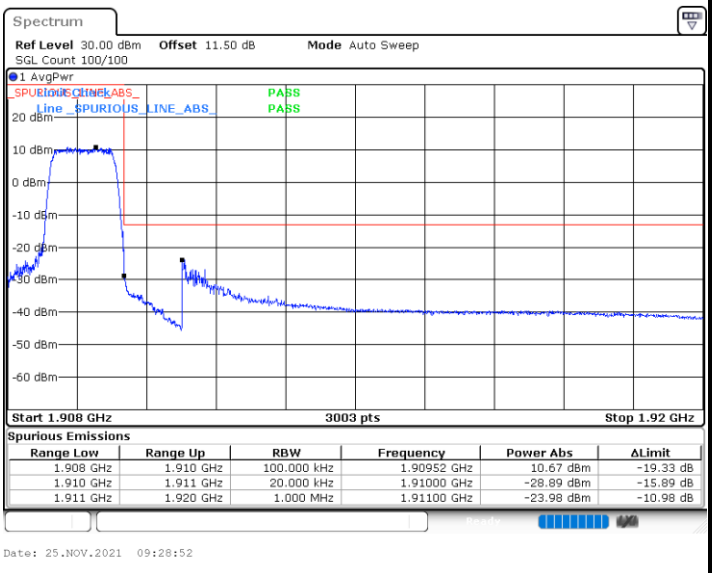
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

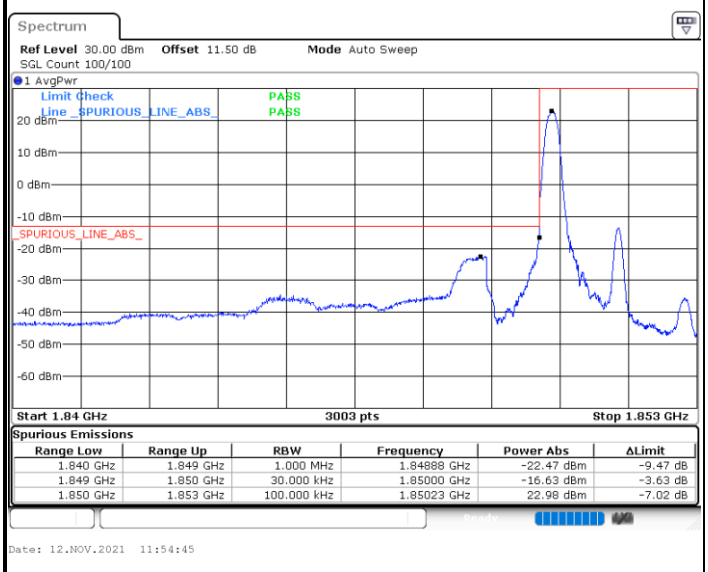


Highest Band Edge / Full RB



LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB

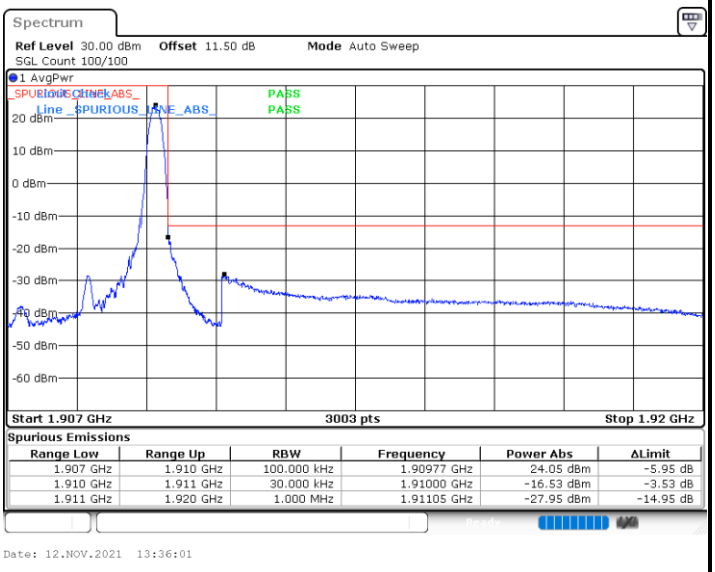


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84888 GHz	-22.47 dBm	-9.47 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-16.63 dBm	-3.63 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85023 GHz	22.98 dBm	-7.02 dB

Date: 12.NOV.2021 11:54:45

Highest Band Edge / 1 RB

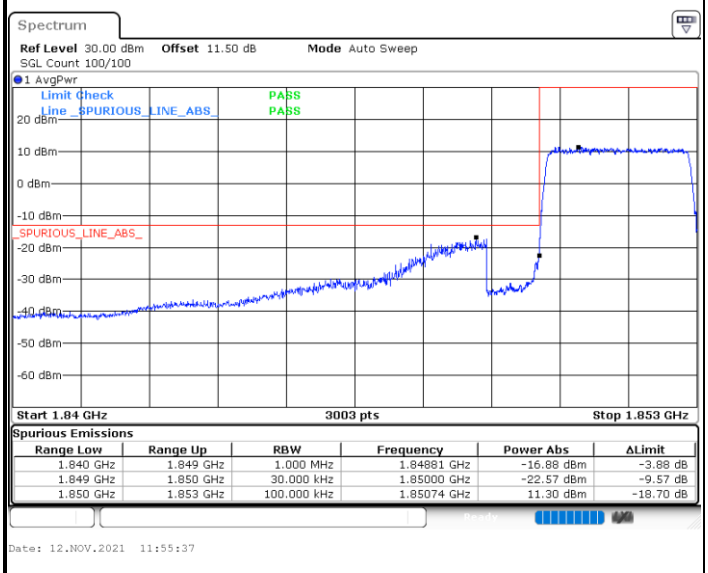


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90977 GHz	24.05 dBm	-5.95 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-16.53 dBm	-3.53 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-27.95 dBm	-14.95 dB

Date: 12.NOV.2021 13:36:01

Lowest Band Edge / Full RB

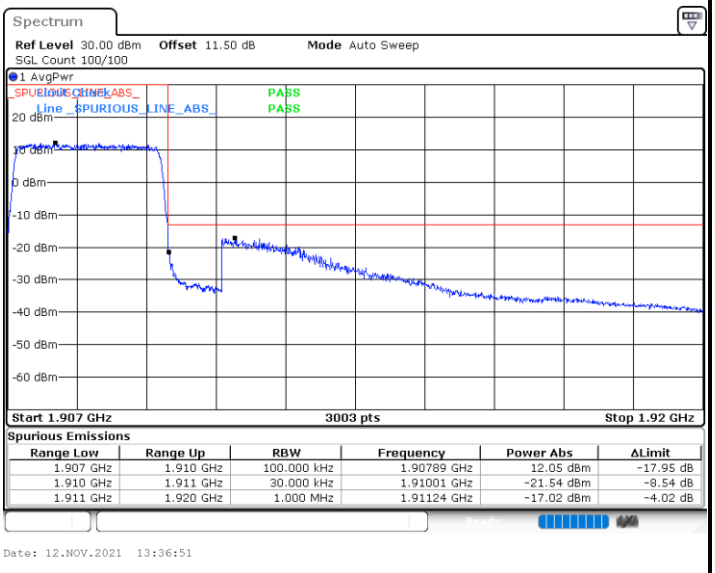


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84881 GHz	-16.88 dBm	-3.88 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-22.57 dBm	-9.57 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85074 GHz	11.30 dBm	-18.70 dB

Date: 12.NOV.2021 11:55:37

Highest Band Edge / Full RB



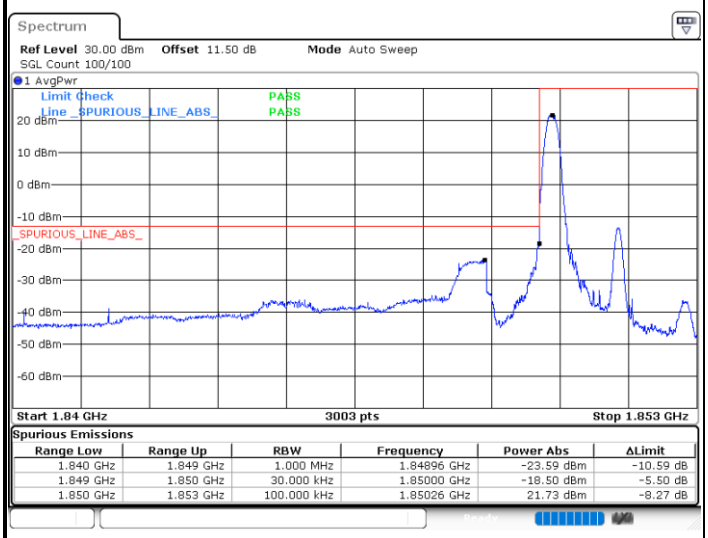
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90789 GHz	12.05 dBm	-17.95 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91001 GHz	-21.54 dBm	-8.54 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91124 GHz	-17.02 dBm	-4.02 dB

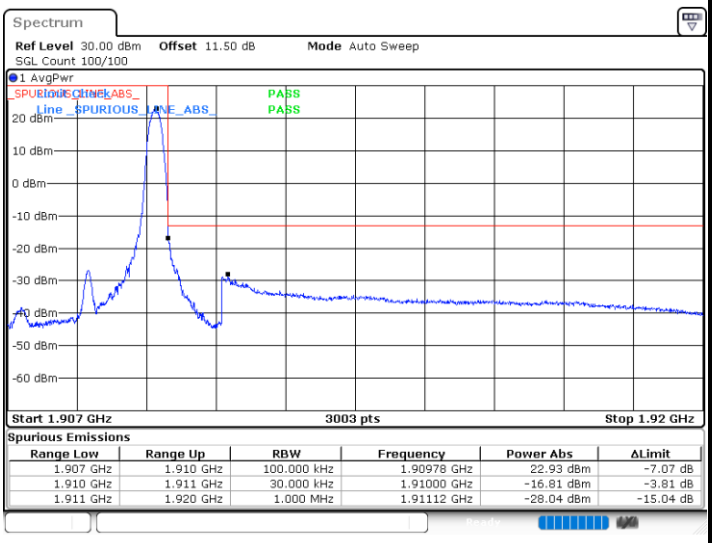
Date: 12.NOV.2021 13:36:51

LTE Band 2 / 3MHz / 16QAM

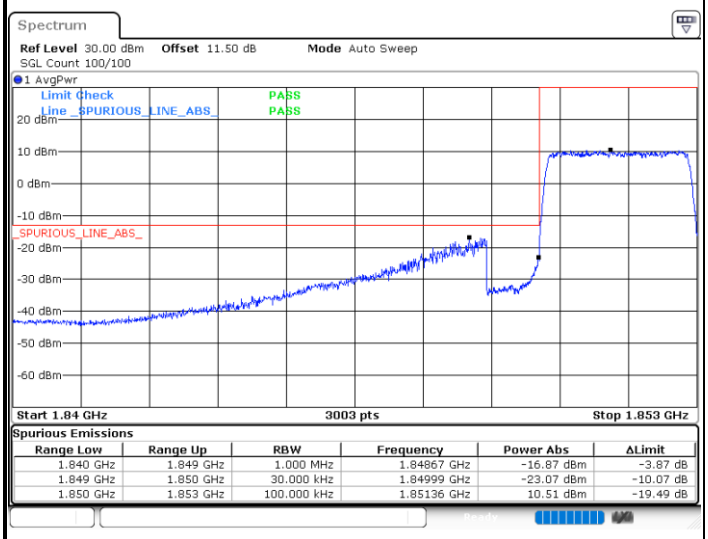
Lowest Band Edge / 1 RB



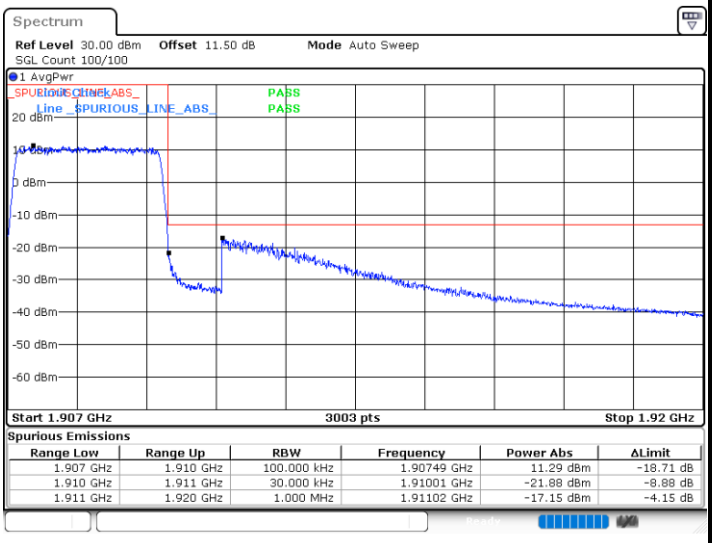
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

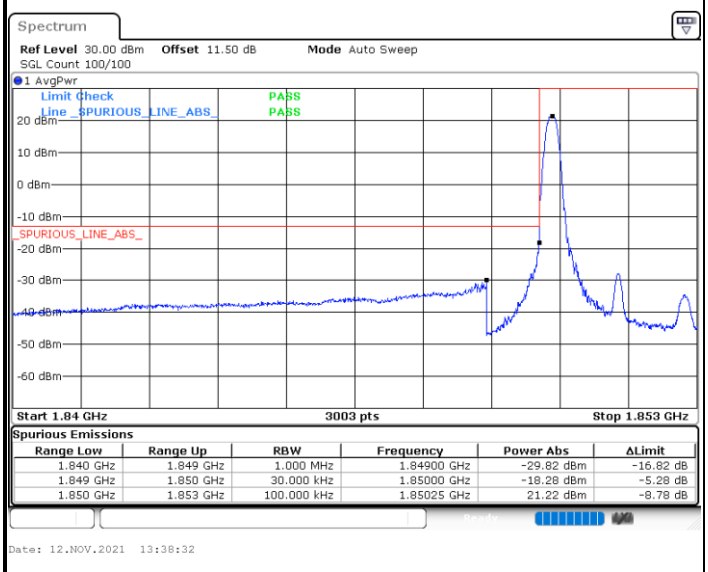


Highest Band Edge / Full RB

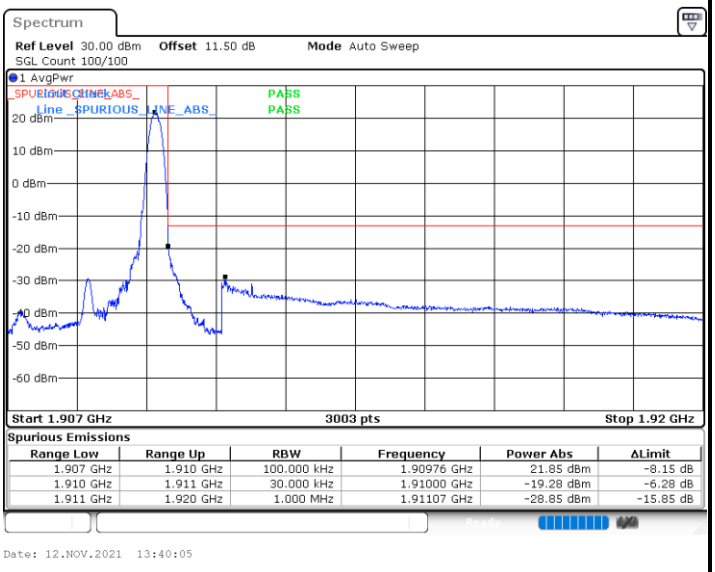


LTE Band 2 / 3MHz / 64QAM

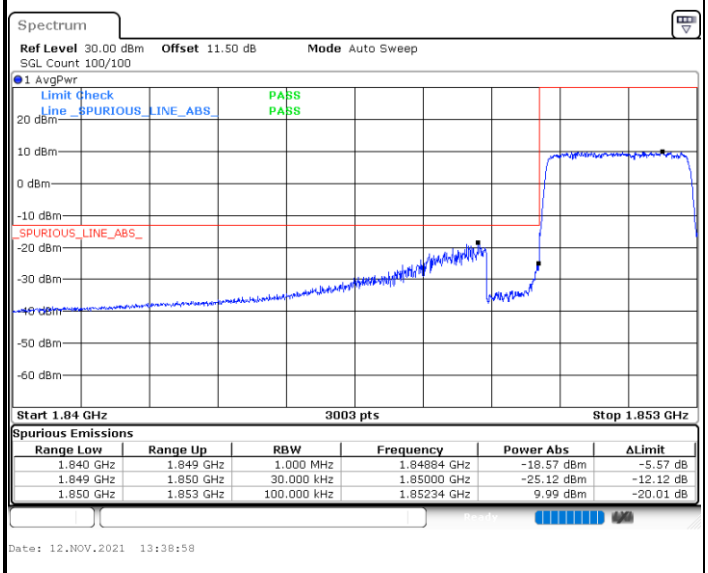
Lowest Band Edge / 1 RB



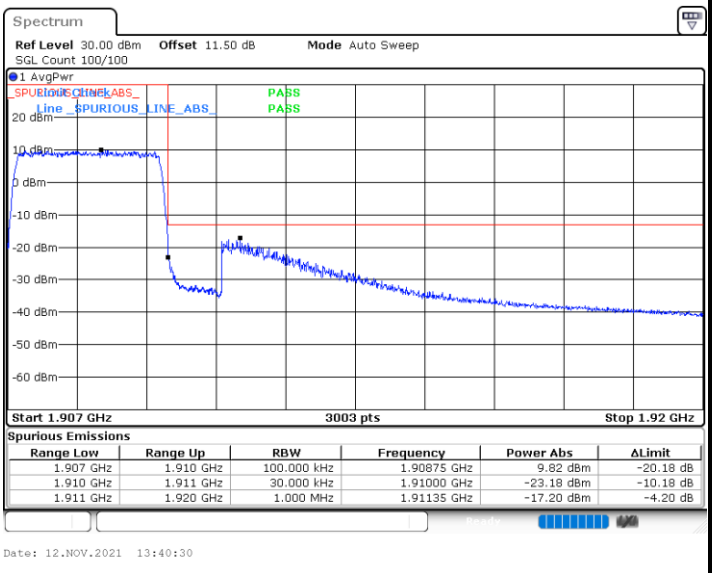
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

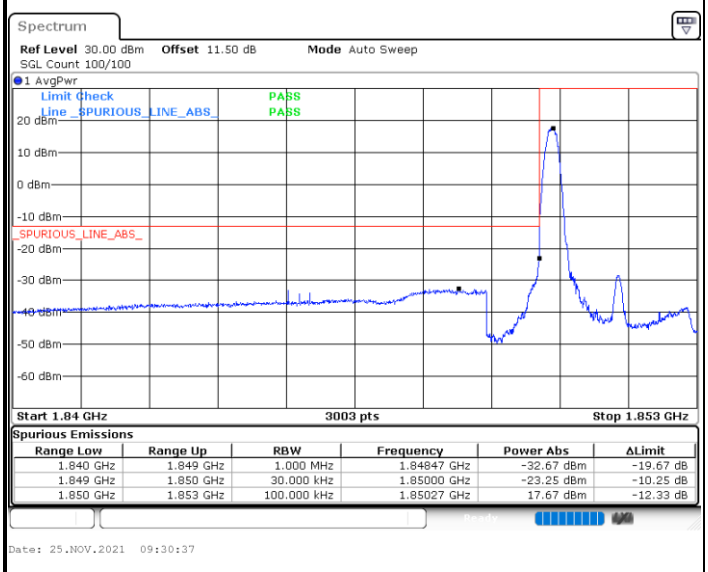


Highest Band Edge / Full RB

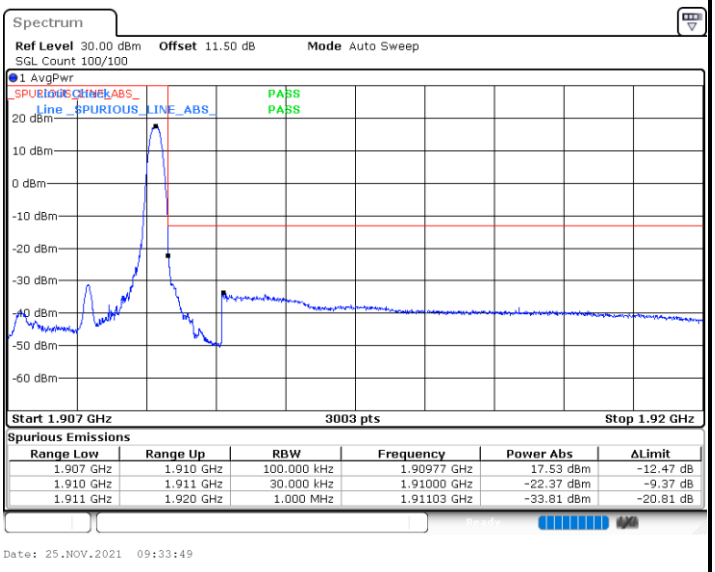


LTE Band 2 / 3MHz / 256QAM

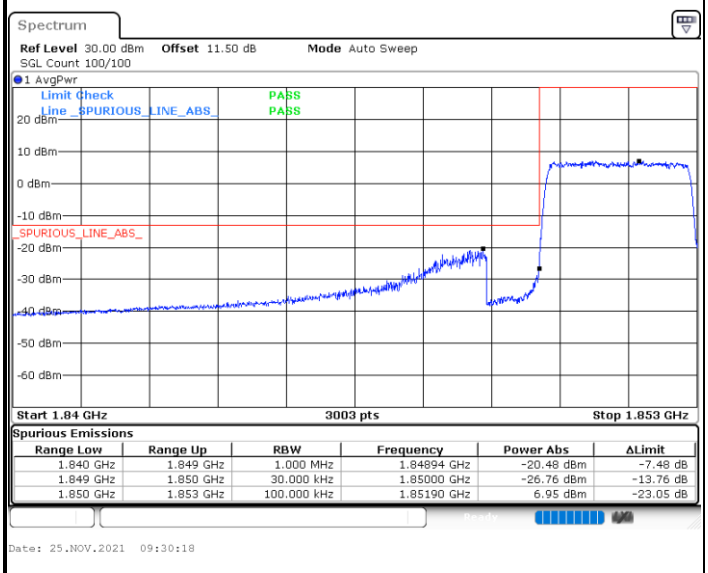
Lowest Band Edge / 1 RB



Highest Band Edge /1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB