FCC RADIO TEST REPORT

FCC ID	:	**XMR2023RM520NGLM**
Equipment	:	**5G Sub-6 GHz M.2 Module**
Brand Name	:	**Quectel**
Model Name	:	**RM520N-GL**
Applicant	:	**Quectal Wireless Solutions Co., Ltd.** **Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China, 200233**
Manufacturer	:	**LCFC (HeFei) Electronics Technology Co., Ltd.** **No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei Economics & Technology Development Area, Anhui, CHINA**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)**

Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.

The product was received on Oct. 13, 2023 and testing was performed from Oct. 20, 2023 to Nov. 29, 2023. 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

Table of Contents

History of this test report **3**
Summary of Test Result **4**
1 General Description **7**
1.1 Product Feature of Equipment Under Test 7
1.2 Product Specification of Equipment Under Test 9
1.3 Modification of EUT 11
1.4 Testing Location 11
1.5 Applicable Standards 11
2 Test Configuration of Equipment Under Test **12**
2.1 Test Mode 12
2.2 Connection Diagram of Test System 12
2.3 Frequency List of Low/Middle/High Channels 13
3 Conducted Test Items **30**
3.1 Measuring Instruments 30
3.2 Conducted Output Power and ERP/EIRP 31
4 List of Measuring Equipment **32**
Appendix A. Test Results of Conducted Test

History of this test report

Report No.	Version	Description	Issue Date
FG3O1305B	01	Initial issue of report	Jan. 05, 2024
FG3O1305B	02	Revise Section 1.2, Frequency List of Low/Middle/High Channels and appendix A This report is an updated version, replacing the report issued on Jan. 05, 2024.	Jan. 19, 2024

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) §90.635	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)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
-	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4)	Peak-to-Average Ratio	-	See Note
-	§2.1049	Occupied Bandwidth	-	See Note
-	§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)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measuremen (Band 43)		
-	§2.1051 §90.210 (n)	Emission Mask (Band 14)	-	See Note
	§2.1051 §90.691	Emission masks (Band 26)		

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (Band 43)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.231	Frequency Stability Temperature & Voltage	-	See Note
-	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	-	See Note
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		

Note:

1. For host device, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
2. For host device, the Conducted Output Power is no difference after compared to module (Model: RM520N-GL)
3. The measurement evaluation of Radiation Spurious Emissionis based on the module report measurement results, with the worst case from module report. The measurement results of RSE are included in the Sporton report: FG3O1305C.

Conformity Assessment Condition:
The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sheng Kuo

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	5G Sub-6 GHz M.2 Module
Brand Name	Quectel
Model Name	RM520N-GL
FCC ID	XMR2023RM520NGLM
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Quectel RM520N-GL tested inside of Lenovo Notebook Computer.

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: TP00151A) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with Amphenol Antenna
Host 2	Host with SPEED Antenna

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66, B71
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66, B71
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27) ■ B66 cover B4 (Part 27)
Main Antenna	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
MIMO2 Antenna	B42, B43

TDD band Power Class		
	PC3	PC2
B38	V	-
B41	V	V
B42	V	-
B43	V	-

Antenna Information for Host				
Main Antenna	Manufacturer	Amphenol	Peak gain(dBi)	LTE Band 2 : 0.79 LTE Band 4 : 1.04 LTE Band 5 : -0.35 LTE Band 7 : 1.77 LTE Band 12 : -1.19 LTE Band 13 : -0.22 LTE Band 14 : -0.05 LTE Band 17 : -1.19 LTE Band 25 : 0.65 LTE Band 26 : -0.01 LTE Band 30 : 0.97 LTE Band 38 : 2.00 LTE Band 41 : 1.83 LTE Band 66 : 1.15 LTE Band 71 : -1.39
	Part number	TKF113-16-000-R	Type	PIFA
	Manufacturer	SPEED	Peak gain(dBi)	LTE Band 2 : 0.83 LTE Band 4 : 1.16 LTE Band 5 : -0.43 LTE Band 7 : 1.75 LTE Band 12 : -1.19 LTE Band 13 : -0.13 LTE Band 14 : 0.00 LTE Band 17 : -1.13 LTE Band 25 : 0.61 LTE Band 26 : -0.11 LTE Band 30 : 0.96 LTE Band 38 : 1.93 LTE Band 41 : 1.78 LTE Band 66 : 1.28 LTE Band 71 : -1.38
	Part number	F-0G-JV-0228-001-00	Type	PIFA
MIMO2 Antenna	Manufacturer	Amphenol	Peak gain(dBi)	LTE Band 42 : -0.42 LTE Band 43 : -0.49
	Part number	TKF114-16-000-R	Type	PIFA
	Manufacturer	SPEED	Peak gain(dBi)	LTE Band 42 : -0.31 LTE Band 43 : -0.44
	Part number	F-0G-JV-0228-002-00	Type	PIFA

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

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 14: 790.5 MHz ~ 795.5 MHz LTE Band 17: 706.5 MHz ~ 713.5 MHz LTE Band 25: 1850.7MHz ~ 1914.3 MHz LTE Band 26 (Part22H): 824.7 MHz ~ 848.3 MHz LTE Band 26 (Part90S): 814.7 MHz ~ 823.3 MHz LTE Band 30: 2307.5 MHz ~ 2312.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 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 14: 760.5 MHz ~ 765.5 MHz LTE Band 17: 736.5 MHz ~ 743.5 MHz LTE Band 25: 1930.7MHz ~ 1994.3 MHz LTE Band 26 (Part22H): 869.7 MHz ~ 893.3MHz LTE Band 26 (Part90S): 859.7 MHz ~ 868.3 MHz LTE Band 30: 2352.5 MHz ~ 2357.5 MHz LTE Band 38: 2572.5 MHz ~ 2617.5MHz LTE Band 41: 2498.5 MHz ~ 2687.5 MHz LTE Band 42: 3452.5 MHz ~ 3547.5 MHz LTE Band 43: 3702.5 MHz ~ 3797.5 MHz LTE Band 66: 2110.7 MHz ~ 2199.3 MHz LTE Band 71: 619.5 MHz ~ 649.5 MHz

Product Specification is subject to this standard	
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 14: 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 30 : 5MHz / 10MHz LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 42: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 43: 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**<Main Antenna>:** LTE Band 2 : 23.47 dBm LTE Band 2C : 23.86 dBm LTE Band 4 : 23.41 dBm LTE Band 5 : 23.52 dBm LTE Band 5B : 25.03 dBm LTE Band 7 : 23.62 dBm LTE Band 7C : 24.25 dBm LTE Band 12 : 23.78 dBm LTE Band 13 : 23.61 dBm LTE Band 14 : 23.85 dBm LTE Band 17 : 23.74 dBm LTE Band 25 : 23.49 dBm LTE Band 26 : 23.55 dBm for Part22H LTE Band 26 : 23.57 dBm for Part90S LTE Band 30 : 21.67 dBm LTE Band 38 : 23.54 dBm LTE Band 38C : 23.95 dBm LTE Band 41 : 23.48 dBm LTE Band 41 : 25.49 dBm for HPUE LTE Band 41C : 25.64 dBm for HPUE LTE Band 66 : 23.47 dBm LTE Band 66B : 24.01 dBm LTE Band 66C : 23.91 dBm LTE Band 71 : 23.61 dBm **<MIMO2 Antenna>:** LTE Band 42 : 20.47 dBm LTE Band 42C : 20.56 dBm LTE Band 43 : 20.39 dBm LTE Band 43C : 20.35 dBm
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

1.3 Modification of EUT

No modifications made to the EUT during the testing.

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
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Diego Huang
Temperature (℃)	22.4~24.1
Relative Humidity (%)	50.4~52.9

FCC Designation No.: TW1190

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, Part 90(R), Part 90(S)
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

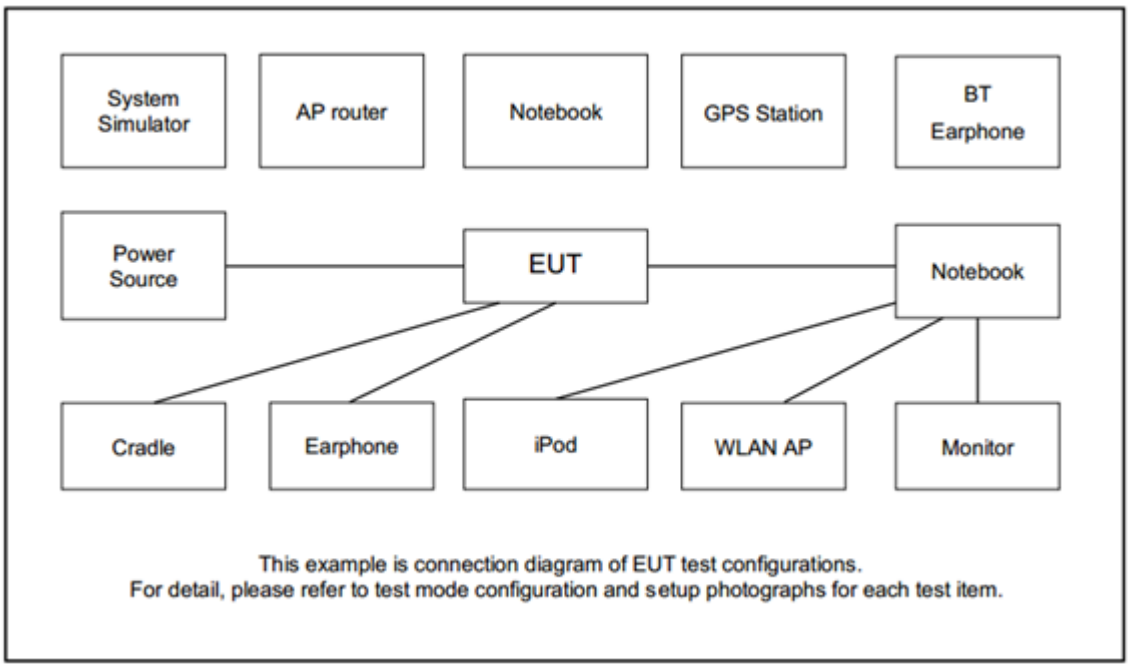
2.1 Test Mode

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

Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
ERP/EIRP	A, B, C, D	All	1, Half, Full	L, M, H
Remark: Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.				

2.2 Connection Diagram of Test System



2.3 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 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

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 (Part22)				
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 26 Channel and Frequency List (Part90S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels	cross-rule channels	-
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-

LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

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 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	44690	45090	45490
	Frequency	3710	3750	3790
15	Channel	44665	45090	45515
	Frequency	3707.5	3750	3792.5
10	Channel	44640	45090	45540
	Frequency	3705	3750	3795
5	Channel	44615	45090	45565
	Frequency	3702.5	3750	3797.5

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 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5

LTE Band 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900

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

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

LTE Band 38C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

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

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

LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel / Frequency (MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	42190	42491	43791
		Frequency	3460	3490.1	3520.1
	SCC	Channel	42388	42689	432990
		Frequency	3479.8	3509.9	3540.0
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3460	3492.7	3525.4
	SCC	Channel	42361	42688	43015
		Frequency	3477.1	3509.8	3542.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3457.5	3490.2	3522.9
	SCC	Channel	42336	42663	42990
		Frequency	3474.6	3507.3	3540.0
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3460.0	3495.3	3530.6
	SCC	Channel	42334	42687	43040
		Frequency	3474.4	3509.7	3545.0
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3455.0	3490.3	3525.6
	SCC	Channel	42284	42637	42990
		Frequency	3469.4	3504.7	3540.0
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3460.0	3497.9	3535.8
	SCC	Channel	42307	42686	43065
		Frequency	3471.7	3509.6	3547.5
5 + 20	PCC	Channel	42115	42494	42873
		Frequency	3452.5	3490.4	3528.3
	SCC	Channel	42232	42611	42990
		Frequency	3464.2	3502.1	3540.0

LTE Band 43C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	44690	44991	45292
		Frequency	3710.0	3740.1	3770.2
	SCC	Channel	44888	45189	45490
		Frequency	3729.8	3759.9	3790.0
20 + 15	PCC	Channel	44690	45016	45341
		Frequency	3710.0	3742.6	3775.1
	SCC	Channel	44861	45187	45512
		Frequency	3727.1	3759.7	3792.2
15 + 20	PCC	Channel	44668	44993	45319
		Frequency	3707.8	3740.3	3772.9
	SCC	Channel	44839	45164	45490
		Frequency	3724.9	3757.4	3790.0
20 + 10	PCC	Channel	44690	45041	45391
		Frequency	3710.0	3745.1	3780.1
	SCC	Channel	44834	45185	45535
		Frequency	3724.4	3759.5	3794.5
10 + 20	PCC	Channel	44645	44996	45346
		Frequency	3705.5	3740.6	3775.6
	SCC	Channel	44789	45140	45490
		Frequency	3719.9	3755	3790.0
20 + 5	PCC	Channel	44690	45065	45440
		Frequency	3710.0	3747.5	3785.0
	SCC	Channel	44807	45182	45557
		Frequency	3721.7	3759.2	3796.7
5 + 20	PCC	Channel	44623	44998	45373
		Frequency	3703.3	3740.8	3778.3
	SCC	Channel	44740	45115	45490
		Frequency	3715.0	3752.5	3790.0

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	132493	132619
		Frequency	1729.5	1762.1	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					
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

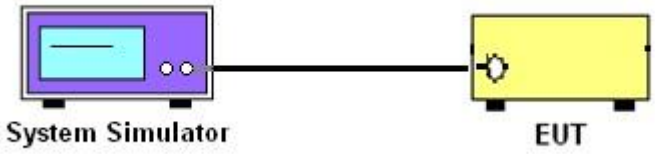
3 Conducted Test Items

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 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, Band 26 (Part 22H)

The Output Power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

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

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66, Band 42, Band 43

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

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.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC DLCA/ULCA	Sep. 23, 2023	Oct. 20, 2023~ Nov. 29, 2023	Sep. 24, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Oct. 20, 2023~ Nov. 29, 2023	Jan. 05, 2024	Conducted (TH03-HY)

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.47	23.35	23.42	24.30	0.2692
20	1	49		23.43	23.46	23.44		
20	1	99		23.40	23.38	23.19		
20	50	0		22.50	22.44	22.40		
20	50	24		22.49	22.44	22.38		
20	50	50		22.48	22.49	22.46		
20	100	0		22.52	22.43	22.35		
20	1	0	16-QAM	22.68	22.85	22.70	23.68	0.2333
20	1	49		22.73	22.78	22.63		
20	1	99		22.60	22.58	22.66		
20	50	0		21.52	21.45	21.33		
20	50	24		21.61	21.44	21.39		
20	50	50		21.51	21.57	21.47		
20	100	0		21.54	21.49	21.42		
20	1	0	64-QAM	21.67	21.68	21.50	22.54	0.1795
20	1	49		21.66	21.71	21.53		
20	1	99		21.59	21.68	21.64		
20	50	0		20.44	20.47	20.38		
20	50	24		20.54	20.42	20.37		
20	50	50		20.58	20.56	20.44		
20	100	0		20.58	20.49	20.38		
20	1	0	256-QAM	18.63	18.60	18.55	19.56	0.0904
20	1	49		18.46	18.54	18.47		
20	1	99		18.73	18.62	18.64		
20	50	0		18.44	18.41	18.40		
20	50	24		18.56	18.47	18.42		
20	50	50		18.48	18.54	18.49		
20	100	0		18.55	18.44	18.42		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.34	23.21	23.29	24.19	0.2624
15	1	37		23.29	23.36	23.28		
15	1	74		23.28	23.28	23.09		
15	36	0		22.40	22.28	22.24		
15	36	20		22.34	22.34	22.28		
15	36	39		22.38	22.38	22.32		
15	75	0		22.36	22.29	22.19		
15	1	0	16-QAM	22.52	22.70	22.55	23.53	0.2254
15	1	37		22.58	22.67	22.47		
15	1	74		22.47	22.48	22.53		
15	36	0		21.39	21.31	21.18		
15	36	20		21.49	21.32	21.25		
15	36	39		21.41	21.41	21.31		
15	75	0		21.43	21.36	21.26		
15	1	0	64-QAM	21.54	21.57	21.36	22.40	0.1738
15	1	37		21.54	21.56	21.41		
15	1	74		21.46	21.53	21.49		
15	36	0		20.28	20.31	20.24		
15	36	20		20.43	20.31	20.25		
15	36	39		20.46	20.40	20.29		
15	75	0		20.46	20.38	20.22		
15	1	0	256-QAM	18.51	18.47	18.39	19.43	0.0877
15	1	37		18.35	18.44	18.31		
15	1	74		18.60	18.52	18.52		
15	36	0		18.28	18.27	18.28		
15	36	20		18.43	18.33	18.30		
15	36	39		18.38	18.42	18.36		
15	75	0		18.39	18.34	18.31		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.34	23.24	23.29	24.19	0.2624
10	1	25		23.32	23.36	23.31		
10	1	49		23.30	23.25	23.06		
10	25	0		22.34	22.29	22.24		
10	25	12		22.38	22.33	22.23		
10	25	25		22.33	22.35	22.30		
10	50	0		22.40	22.31	22.19		
10	1	0	16-QAM	22.53	22.70	22.56	23.53	0.2254
10	1	25		22.61	22.62	22.51		
10	1	49		22.47	22.45	22.52		
10	25	0		21.41	21.29	21.22		
10	25	12		21.48	21.34	21.28		
10	25	25		21.41	21.45	21.32		
10	50	0		21.44	21.36	21.30		
10	1	0	64-QAM	21.57	21.56	21.34	22.41	0.1742
10	1	25		21.56	21.58	21.43		
10	1	49		21.48	21.54	21.53		
10	25	0		20.31	20.33	20.27		
10	25	12		20.42	20.27	20.24		
10	25	25		20.45	20.45	20.32		
10	50	0		20.45	20.36	20.26		
10	1	0	256-QAM	18.51	18.50	18.41	19.44	0.0879
10	1	25		18.34	18.39	18.31		
10	1	49		18.61	18.51	18.54		
10	25	0		18.32	18.27	18.24		
10	25	12		18.46	18.36	18.29		
10	25	25		18.33	18.40	18.35		
10	50	0		18.45	18.31	18.30		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.35	23.19	23.29	24.18	0.2618
5	1	12		23.30	23.34	23.28		
5	1	24		23.26	23.24	23.05		
5	12	0		22.35	22.34	22.27		
5	12	7		22.35	22.30	22.26		
5	12	13		22.33	22.35	22.33		
5	25	0		22.37	22.28	22.19		
5	1	0	16-QAM	22.57	22.70	22.59	23.53	0.2254
5	1	12		22.61	22.64	22.50		
5	1	24		22.44	22.44	22.52		
5	12	0		21.39	21.34	21.22		
5	12	7		21.49	21.28	21.23		
5	12	13		21.37	21.42	21.32		
5	25	0		21.44	21.33	21.26		
5	1	0	64-QAM	21.52	21.57	21.35	22.41	0.1742
5	1	12		21.52	21.56	21.37		
5	1	24		21.46	21.58	21.49		
5	12	0		20.34	20.36	20.23		
5	12	7		20.39	20.30	20.22		
5	12	13		20.43	20.41	20.31		
5	25	0		20.48	20.38	20.24		
5	1	0	256-QAM	18.53	18.47	18.45	19.41	0.0873
5	1	12		18.30	18.39	18.34		
5	1	24		18.58	18.48	18.50		
5	12	0		18.29	18.31	18.28		
5	12	7		18.42	18.36	18.28		
5	12	13		18.38	18.41	18.38		
5	25	0		18.43	18.32	18.27		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.37	23.20	23.30	24.20	0.2630
3	1	8		23.28	23.31	23.32		
3	1	14		23.26	23.25	23.08		
3	8	0		22.36	22.28	22.29		
3	8	4		22.33	22.33	22.24		
3	8	7		22.35	22.33	22.30		
3	15	0		22.41	22.33	22.19		
3	1	0	16-QAM	22.55	22.75	22.58	23.58	0.2280
3	1	8		22.57	22.67	22.52		
3	1	14		22.48	22.47	22.53		
3	8	0		21.40	21.33	21.23		
3	8	4		21.45	21.29	21.24		
3	8	7		21.40	21.43	21.35		
3	15	0		21.43	21.34	21.32		
3	1	0	64-QAM	21.53	21.57	21.39	22.40	0.1738
3	1	8		21.51	21.55	21.37		
3	1	14		21.49	21.56	21.49		
3	8	0		20.31	20.31	20.23		
3	8	4		20.41	20.31	20.23		
3	8	7		20.48	20.42	20.28		
3	15	0		20.46	20.37	20.25		
3	1	0	256-QAM	18.49	18.46	18.45	19.44	0.0879
3	1	8		18.33	18.42	18.34		
3	1	14		18.61	18.47	18.49		
3	8	0		18.31	18.29	18.25		
3	8	4		18.42	18.35	18.30		
3	8	7		18.34	18.38	18.35		
3	15	0		18.40	18.32	18.29		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.32	23.32	23.22	24.27	0.2673
1.4	1	3		23.36	23.29	23.25		
1.4	1	5		23.34	23.38	23.19		
1.4	3	0		23.41	23.41	23.31		
1.4	3	1		23.34	23.39	23.24		
1.4	3	3		23.40	23.42	23.33		
1.4	6	0		23.44	23.41	23.29		
1.4	1	0	16-QAM	22.71	22.67	22.63	23.71	0.2350
1.4	1	3		22.75	22.88	22.60		
1.4	1	5		22.68	22.73	22.66		
1.4	3	0		22.49	22.54	22.35		
1.4	3	1		22.53	22.48	22.45		
1.4	3	3		22.54	22.47	22.36		
1.4	6	0		22.44	22.52	22.38		
1.4	1	0	64-QAM	21.59	21.54	21.54	22.52	0.1786
1.4	1	3		21.58	21.69	21.53		
1.4	1	5		21.51	21.52	21.57		
1.4	3	0		21.44	21.41	21.31		
1.4	3	1		21.51	21.54	21.43		
1.4	3	3		21.53	21.39	21.43		
1.4	6	0		21.48	21.43	21.37		
1.4	1	0	256-QAM	18.53	18.47	18.41	19.36	0.0863
1.4	1	3		18.48	18.45	18.45		
1.4	1	5		18.42	18.41	18.40		
1.4	3	0		18.48	18.46	18.31		
1.4	3	1		18.39	18.39	18.31		
1.4	3	3		18.48	18.42	18.31		
1.4	6	0		18.46	18.41	18.38		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.34	23.49	23.34	24.14	0.2594
20	1	49		23.33	23.32	23.36		
20	1	99		23.40	23.36	23.19		
20	50	0		22.39	22.44	22.35		
20	50	24		22.43	22.43	22.37		
20	50	50		22.43	22.43	22.41		
20	100	0		22.47	22.48	22.46		
20	1	0	16-QAM	22.68	22.72	22.59	23.46	0.2218
20	1	49		22.67	22.67	22.62		
20	1	99		22.81	22.50	22.57		
20	50	0		21.30	21.38	21.37		
20	50	24		21.47	21.46	21.39		
20	50	50		21.43	21.46	21.39		
20	100	0		21.43	21.44	21.47		
20	1	0	64-QAM	21.48	21.48	21.53	22.28	0.1690
20	1	49		21.57	21.63	21.46		
20	1	99		21.56	21.55	21.52		
20	50	0		20.40	20.39	20.37		
20	50	24		20.47	20.46	20.38		
20	50	50		20.42	20.46	20.45		
20	100	0		20.45	20.48	20.45		
20	1	0	256-QAM	18.45	18.53	18.59	19.24	0.0839
20	1	49		18.42	18.49	18.43		
20	1	99		18.49	18.42	18.50		
20	50	0		18.40	18.42	18.38		
20	50	24		18.51	18.45	18.38		
20	50	50		18.49	18.47	18.50		
20	100	0		18.49	18.49	18.47		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.23	23.28	23.24	23.93	0.2472
15	1	37		23.20	23.17	23.24		
15	1	74		23.27	23.21	23.05		
15	36	0		22.28	22.30	22.22		
15	36	20		22.33	22.32	22.27		
15	36	39		22.33	22.29	22.31		
15	75	0		22.35	22.34	22.33		
15	1	0	16-QAM	22.54	22.61	22.47	23.33	0.2153
15	1	37		22.56	22.56	22.47		
15	1	74		22.68	22.38	22.44		
15	36	0		21.20	21.25	21.27		
15	36	20		21.36	21.35	21.28		
15	36	39		21.32	21.32	21.26		
15	75	0		21.28	21.34	21.34		
15	1	0	64-QAM	21.35	21.33	21.38	22.16	0.1644
15	1	37		21.42	21.51	21.33		
15	1	74		21.43	21.43	21.39		
15	36	0		20.30	20.26	20.26		
15	36	20		20.34	20.32	20.26		
15	36	39		20.31	20.34	20.32		
15	75	0		20.35	20.38	20.31		
15	1	0	256-QAM	18.33	18.40	18.45	19.10	0.0813
15	1	37		18.32	18.34	18.32		
15	1	74		18.37	18.28	18.37		
15	36	0		18.30	18.27	18.27		
15	36	20		18.41	18.30	18.28		
15	36	39		18.38	18.35	18.37		
15	75	0		18.34	18.39	18.35		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.23	23.31	23.22	23.96	0.2489
10	1	25		23.19	23.19	23.25		
10	1	49		23.26	23.22	23.06		
10	25	0		22.24	22.33	22.24		
10	25	12		22.31	22.29	22.22		
10	25	25		22.31	22.32	22.29		
10	50	0		22.34	22.37	22.31		
10	1	0	16-QAM	22.54	22.59	22.49	23.35	0.2163
10	1	25		22.53	22.55	22.49		
10	1	49		22.70	22.39	22.47		
10	25	0		21.16	21.26	21.26		
10	25	12		21.32	21.33	21.24		
10	25	25		21.30	21.33	21.29		
10	50	0		21.33	21.33	21.32		
10	1	0	64-QAM	21.35	21.33	21.38	22.13	0.1633
10	1	25		21.42	21.48	21.32		
10	1	49		21.46	21.42	21.38		
10	25	0		20.26	20.27	20.25		
10	25	12		20.35	20.34	20.23		
10	25	25		20.28	20.36	20.33		
10	50	0		20.34	20.36	20.35		
10	1	0	256-QAM	18.33	18.41	18.46	19.11	0.0815
10	1	25		18.29	18.37	18.32		
10	1	49		18.35	18.27	18.37		
10	25	0		18.27	18.32	18.25		
10	25	12		18.40	18.30	18.26		
10	25	25		18.37	18.32	18.38		
10	50	0		18.39	18.34	18.32		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.19	23.31	23.24	23.96	0.2489
5	1	12		23.20	23.17	23.26		
5	1	24		23.27	23.25	23.06		
5	12	0		22.24	22.34	22.24		
5	12	7		22.29	22.31	22.27		
5	12	13		22.31	22.28	22.29		
5	25	0		22.34	22.37	22.35		
5	1	0	16-QAM	22.57	22.60	22.46	23.31	0.2143
5	1	12		22.57	22.55	22.52		
5	1	24		22.66	22.38	22.42		
5	12	0		21.16	21.27	21.23		
5	12	7		21.37	21.32	21.29		
5	12	13		21.29	21.35	21.28		
5	25	0		21.28	21.34	21.36		
5	1	0	64-QAM	21.35	21.34	21.39	22.18	0.1652
5	1	12		21.44	21.53	21.36		
5	1	24		21.41	21.41	21.38		
5	12	0		20.28	20.29	20.27		
5	12	7		20.34	20.36	20.27		
5	12	13		20.30	20.36	20.32		
5	25	0		20.32	20.34	20.34		
5	1	0	256-QAM	18.33	18.39	18.44	19.09	0.0811
5	1	12		18.31	18.34	18.29		
5	1	24		18.38	18.30	18.39		
5	12	0		18.29	18.30	18.24		
5	12	7		18.37	18.32	18.24		
5	12	13		18.36	18.35	18.36		
5	25	0		18.34	18.38	18.36		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.23	23.30	23.22	23.95	0.2483
3	1	8		23.20	23.18	23.26		
3	1	14		23.28	23.25	23.08		
3	8	0		22.25	22.33	22.22		
3	8	4		22.32	22.31	22.22		
3	8	7		22.29	22.32	22.31		
3	15	0		22.33	22.36	22.32		
3	1	0	16-QAM	22.56	22.59	22.45	23.33	0.2153
3	1	8		22.57	22.57	22.50		
3	1	14		22.68	22.39	22.44		
3	8	0		21.19	21.27	21.24		
3	8	4		21.33	21.32	21.29		
3	8	7		21.33	21.34	21.29		
3	15	0		21.32	21.34	21.37		
3	1	0	64-QAM	21.36	21.34	21.42	22.14	0.1637
3	1	8		21.44	21.49	21.32		
3	1	14		21.45	21.43	21.42		
3	8	0		20.28	20.26	20.26		
3	8	4		20.35	20.33	20.23		
3	8	7		20.32	20.34	20.35		
3	15	0		20.33	20.35	20.32		
3	1	0	256-QAM	18.33	18.39	18.48	19.13	0.0818
3	1	8		18.29	18.38	18.30		
3	1	14		18.35	18.27	18.39		
3	8	0		18.28	18.27	18.25		
3	8	4		18.41	18.34	18.26		
3	8	7		18.38	18.34	18.38		
3	15	0		18.35	18.37	18.37		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.65 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.29	23.27	23.30	24.04	0.2535
1.4	1	3		23.30	23.33	23.24		
1.4	1	5		23.28	23.28	23.33		
1.4	3	0		23.33	23.36	23.36		
1.4	3	1		23.37	23.39	23.36		
1.4	3	3		23.32	23.32	23.28		
1.4	6	0		23.30	23.37	23.33		
1.4	1	0	16-QAM	22.63	22.67	22.71	23.47	0.2223
1.4	1	3		22.69	22.60	22.82		
1.4	1	5		22.67	22.59	22.79		
1.4	3	0		22.45	22.45	22.47		
1.4	3	1		22.40	22.43	22.51		
1.4	3	3		22.41	22.47	22.44		
1.4	6	0		22.38	22.44	22.48		
1.4	1	0	64-QAM	21.49	21.54	21.47	22.34	0.1714
1.4	1	3		21.52	21.35	21.69		
1.4	1	5		21.47	21.62	21.39		
1.4	3	0		21.37	21.38	21.44		
1.4	3	1		21.42	21.39	21.44		
1.4	3	3		21.37	21.40	21.46		
1.4	6	0		21.37	21.42	21.45		
1.4	1	0	256-QAM	18.43	18.38	18.42	19.14	0.0820
1.4	1	3		18.49	18.30	18.34		
1.4	1	5		18.44	18.47	18.49		
1.4	3	0		18.43	18.42	18.38		
1.4	3	1		18.42	18.45	18.35		
1.4	3	3		18.34	18.36	18.39		
1.4	6	0		18.38	18.34	18.34		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.25	23.41	23.27	24.57	0.2864
20	1	49		23.30	23.28	23.37		
20	1	99		23.39	23.38	23.33		
20	50	0		22.28	22.43	22.31		
20	50	24		22.40	22.36	22.39		
20	50	50		22.40	22.42	22.42		
20	100	0		22.37	22.39	22.37		
20	1	0	16-QAM	22.62	22.70	22.60	23.93	0.2472
20	1	49		22.67	22.61	22.63		
20	1	99		22.59	22.77	22.51		
20	50	0		21.28	21.32	21.31		
20	50	24		21.41	21.36	21.39		
20	50	50		21.44	21.45	21.42		
20	100	0		21.39	21.34	21.40		
20	1	0	64-QAM	21.58	21.49	21.39	22.74	0.1879
20	1	49		21.46	21.42	21.54		
20	1	99		21.55	21.53	21.58		
20	50	0		20.27	20.31	20.26		
20	50	24		20.38	20.36	20.42		
20	50	50		20.44	20.48	20.39		
20	100	0		20.38	20.34	20.38		
20	1	0	256-QAM	18.32	18.45	18.41	19.68	0.0929
20	1	49		18.34	18.49	18.31		
20	1	99		18.47	18.52	18.48		
20	50	0		18.26	18.28	18.24		
20	50	24		18.37	18.33	18.37		
20	50	50		18.35	18.46	18.46		
20	100	0		18.38	18.28	18.35		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.15	23.30	23.13	24.46	0.2793
15	1	37		23.16	23.11	23.28		
15	1	74		23.25	23.23	23.23		
15	36	0		22.19	22.34	22.21		
15	36	20		22.28	22.23	22.22		
15	36	39		22.27	22.30	22.30		
15	75	0		22.23	22.23	22.22		
15	1	0	16-QAM	22.51	22.60	22.47	23.80	0.2399
15	1	37		22.57	22.52	22.49		
15	1	74		22.42	22.64	22.39		
15	36	0		21.19	21.23	21.18		
15	36	20		21.31	21.24	21.26		
15	36	39		21.28	21.36	21.29		
15	75	0		21.25	21.20	21.31		
15	1	0	64-QAM	21.45	21.39	21.28	22.62	0.1828
15	1	37		21.36	21.29	21.44		
15	1	74		21.45	21.42	21.46		
15	36	0		20.14	20.22	20.12		
15	36	20		20.29	20.25	20.26		
15	36	39		20.31	20.37	20.24		
15	75	0		20.25	20.23	20.25		
15	1	0	256-QAM	18.21	18.34	18.29	19.55	0.0902
15	1	37		18.22	18.38	18.17		
15	1	74		18.35	18.39	18.33		
15	36	0		18.15	18.18	18.14		
15	36	20		18.26	18.23	18.24		
15	36	39		18.24	18.32	18.32		
15	75	0		18.25	18.19	18.24		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.12	23.27	23.15	24.43	0.2773
10	1	25		23.19	23.14	23.24		
10	1	49		23.25	23.25	23.23		
10	25	0		22.14	22.28	22.17		
10	25	12		22.24	22.22	22.25		
10	25	25		22.24	22.27	22.32		
10	50	0		22.24	22.25	22.23		
10	1	0	16-QAM	22.49	22.59	22.45	23.83	0.2415
10	1	25		22.55	22.47	22.51		
10	1	49		22.44	22.67	22.41		
10	25	0		21.13	21.18	21.21		
10	25	12		21.32	21.27	21.27		
10	25	25		21.33	21.33	21.27		
10	50	0		21.28	21.24	21.24		
10	1	0	64-QAM	21.45	21.39	21.28	22.61	0.1824
10	1	25		21.30	21.30	21.41		
10	1	49		21.42	21.43	21.44		
10	25	0		20.15	20.21	20.16		
10	25	12		20.25	20.27	20.28		
10	25	25		20.33	20.35	20.29		
10	50	0		20.23	20.20	20.23		
10	1	0	256-QAM	18.24	18.33	18.26	19.57	0.0906
10	1	25		18.19	18.39	18.19		
10	1	49		18.32	18.41	18.38		
10	25	0		18.12	18.17	18.09		
10	25	12		18.23	18.25	18.29		
10	25	25		18.26	18.34	18.34		
10	50	0		18.21	18.14	18.22		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.10	23.31	23.14	24.47	0.2799
5	1	12		23.14	23.13	23.26		
5	1	24		23.25	23.27	23.22		
5	12	0		22.19	22.34	22.20		
5	12	7		22.28	22.28	22.29		
5	12	13		22.25	22.29	22.32		
5	25	0		22.26	22.24	22.24		
5	1	0	16-QAM	22.49	22.60	22.45	23.82	0.2410
5	1	12		22.53	22.48	22.50		
5	1	24		22.46	22.66	22.39		
5	12	0		21.18	21.21	21.16		
5	12	7		21.29	21.27	21.24		
5	12	13		21.34	21.32	21.25		
5	25	0		21.27	21.25	21.25		
5	1	0	64-QAM	21.41	21.39	21.29	22.64	0.1837
5	1	12		21.34	21.26	21.39		
5	1	24		21.44	21.44	21.48		
5	12	0		20.15	20.18	20.14		
5	12	7		20.24	20.23	20.29		
5	12	13		20.31	20.39	20.25		
5	25	0		20.23	20.23	20.26		
5	1	0	256-QAM	18.24	18.30	18.25	19.56	0.0904
5	1	12		18.24	18.39	18.19		
5	1	24		18.35	18.40	18.35		
5	12	0		18.13	18.16	18.13		
5	12	7		18.22	18.24	18.27		
5	12	13		18.23	18.34	18.34		
5	25	0		18.28	18.19	18.21		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.13	23.29	23.16	24.45	0.2786
3	1	8		23.17	23.15	23.27		
3	1	14		23.29	23.26	23.18		
3	8	0		22.20	22.29	22.19		
3	8	4		22.31	22.25	22.25		
3	8	7		22.29	22.29	22.31		
3	15	0		22.25	22.27	22.26		
3	1	0	16-QAM	22.48	22.58	22.45	23.79	0.2393
3	1	8		22.56	22.48	22.51		
3	1	14		22.46	22.63	22.41		
3	8	0		21.13	21.21	21.16		
3	8	4		21.31	21.22	21.27		
3	8	7		21.33	21.36	21.27		
3	15	0		21.28	21.21	21.26		
3	1	0	64-QAM	21.45	21.36	21.28	22.64	0.1837
3	1	8		21.32	21.30	21.40		
3	1	14		21.43	21.42	21.48		
3	8	0		20.12	20.20	20.17		
3	8	4		20.28	20.24	20.31		
3	8	7		20.31	20.33	20.26		
3	15	0		20.24	20.23	20.26		
3	1	0	256-QAM	18.20	18.34	18.29	19.55	0.0902
3	1	8		18.22	18.35	18.18		
3	1	14		18.35	18.39	18.39		
3	8	0		18.11	18.15	18.09		
3	8	4		18.27	18.22	18.24		
3	8	7		18.25	18.33	18.34		
3	15	0		18.23	18.17	18.24		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.25	23.21	23.20	24.49	0.2812
1.4	1	3		23.14	23.27	23.18		
1.4	1	5		23.25	23.17	23.14		
1.4	3	0		23.23	23.33	23.23		
1.4	3	1		23.26	23.28	23.23		
1.4	3	3		23.22	23.32	23.23		
1.4	6	0		23.23	23.30	23.19		
1.4	1	0	16-QAM	22.57	22.84	22.51	24.00	0.2512
1.4	1	3		22.59	22.60	22.60		
1.4	1	5		22.44	22.67	22.54		
1.4	3	0		22.32	22.41	22.35		
1.4	3	1		22.30	22.36	22.30		
1.4	3	3		22.35	22.30	22.30		
1.4	6	0		22.27	22.38	22.37		
1.4	1	0	64-QAM	21.47	21.44	21.42	22.66	0.1845
1.4	1	3		21.49	21.50	21.41		
1.4	1	5		21.47	21.46	21.41		
1.4	3	0		21.31	21.35	21.30		
1.4	3	1		21.29	21.34	21.33		
1.4	3	3		21.30	21.34	21.35		
1.4	6	0		21.34	21.39	21.28		
1.4	1	0	256-QAM	18.28	18.25	18.31	19.56	0.0904
1.4	1	3		18.21	18.40	18.29		
1.4	1	5		18.36	18.40	18.29		
1.4	3	0		18.28	18.40	18.25		
1.4	3	1		18.30	18.33	18.32		
1.4	3	3		18.27	18.31	18.29		
1.4	6	0		18.25	18.40	18.26		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.40	23.49	23.52	21.02	0.1265
10	1	25		23.47	23.48	23.52		
10	1	49		23.27	23.39	23.31		
10	25	0		22.47	22.49	22.58		
10	25	12		22.48	22.52	22.47		
10	25	25		22.48	22.52	22.45		
10	50	0		22.50	22.52	22.55		
10	1	0	16-QAM	22.80	22.82	22.89	20.39	0.1094
10	1	25		22.67	22.76	22.88		
10	1	49		22.71	22.83	22.75		
10	25	0		21.50	21.49	21.59		
10	25	12		21.51	21.53	21.55		
10	25	25		21.48	21.60	21.47		
10	50	0		21.49	21.55	21.56		
10	1	0	64-QAM	22.69	21.69	21.67	20.19	0.1045
10	1	25		22.56	21.61	21.70		
10	1	49		22.42	21.72	21.61		
10	25	0		21.51	20.47	20.54		
10	25	12		20.57	20.51	20.55		
10	25	25		20.49	20.61	20.51		
10	50	0		20.54	20.57	20.62		
10	1	0	256-QAM	18.59	18.48	18.56	16.18	0.0415
10	1	25		18.59	18.62	18.68		
10	1	49		18.50	18.65	18.56		
10	25	0		18.47	18.38	18.57		
10	25	12		18.48	18.45	18.47		
10	25	25		18.41	18.55	18.47		
10	50	0		18.49	18.53	18.51		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.30	23.36	23.37	20.90	0.1230
5	1	12		23.36	23.36	23.40		
5	1	24		23.13	23.28	23.16		
5	12	0		22.32	22.37	22.44		
5	12	7		22.32	22.37	22.35		
5	12	13		22.34	22.36	22.32		
5	25	0		22.36	22.43	22.42		
5	1	0	16-QAM	22.69	22.68	22.75	20.25	0.1059
5	1	12		22.54	22.64	22.75		
5	1	24		22.59	22.71	22.64		
5	12	0		21.36	21.38	21.44		
5	12	7		21.40	21.40	21.40		
5	12	13		21.38	21.46	21.34		
5	25	0		21.36	21.41	21.41		
5	1	0	64-QAM	22.57	21.55	21.57	20.07	0.1016
5	1	12		22.45	21.48	21.57		
5	1	24		22.26	21.62	21.45		
5	12	0		21.39	20.33	20.42		
5	12	7		20.44	20.36	20.40		
5	12	13		20.36	20.47	20.36		
5	25	0		20.43	20.43	20.49		
5	1	0	256-QAM	18.43	18.36	18.42	16.07	0.0405
5	1	12		18.50	18.52	18.57		
5	1	24		18.38	18.50	18.46		
5	12	0		18.33	18.28	18.44		
5	12	7		18.35	18.34	18.37		
5	12	13		18.27	18.44	18.35		
5	25	0		18.39	18.41	18.37		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.29	23.32	23.41	20.92	0.1236
3	1	8		23.37	23.37	23.42		
3	1	14		23.12	23.31	23.19		
3	8	0		22.33	22.36	22.41		
3	8	4		22.32	22.40	22.37		
3	8	7		22.39	22.40	22.33		
3	15	0		22.39	22.40	22.42		
3	1	0	16-QAM	22.67	22.71	22.72	20.26	0.1062
3	1	8		22.52	22.68	22.76		
3	1	14		22.60	22.70	22.65		
3	8	0		21.40	21.38	21.46		
3	8	4		21.42	21.39	21.41		
3	8	7		21.38	21.51	21.34		
3	15	0		21.37	21.45	21.42		
3	1	0	64-QAM	22.53	21.56	21.55	20.03	0.1007
3	1	8		22.46	21.47	21.60		
3	1	14		22.30	21.56	21.48		
3	8	0		21.38	20.36	20.43		
3	8	4		20.42	20.41	20.43		
3	8	7		20.40	20.50	20.40		
3	15	0		20.41	20.47	20.51		
3	1	0	256-QAM	18.45	18.35	18.45	16.09	0.0406
3	1	8		18.48	18.51	18.59		
3	1	14		18.40	18.54	18.45		
3	8	0		18.33	18.22	18.47		
3	8	4		18.39	18.35	18.35		
3	8	7		18.31	18.41	18.35		
3	15	0		18.34	18.37	18.37		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.19	23.18	23.17	20.85	0.1216
1.4	1	3		23.26	23.29	23.25		
1.4	1	5		23.18	23.20	23.06		
1.4	3	0		23.35	23.21	23.27		
1.4	3	1		23.22	23.27	23.20		
1.4	3	3		23.21	23.26	23.21		
1.4	6	0		22.34	22.32	22.26		
1.4	1	0	16-QAM	22.58	22.59	22.54	20.24	0.1057
1.4	1	3		22.61	22.73	22.55		
1.4	1	5		22.61	22.74	22.68		
1.4	3	0		22.39	22.45	22.38		
1.4	3	1		22.45	22.46	22.43		
1.4	3	3		22.42	22.44	22.38		
1.4	6	0		21.41	21.41	21.33		
1.4	1	0	64-QAM	21.46	21.48	21.32	19.07	0.0807
1.4	1	3		21.45	21.53	21.57		
1.4	1	5		21.45	21.32	21.46		
1.4	3	0		21.44	21.36	21.28		
1.4	3	1		21.44	21.41	21.33		
1.4	3	3		21.45	21.42	21.36		
1.4	6	0		20.39	20.34	20.28		
1.4	1	0	256-QAM	18.38	18.20	18.20	15.93	0.0392
1.4	1	3		18.37	18.41	18.34		
1.4	1	5		18.35	18.38	18.21		
1.4	3	0		18.34	18.27	18.22		
1.4	3	1		18.43	18.34	18.23		
1.4	3	3		18.40	18.32	18.32		
1.4	6	0		18.36	18.27	18.32		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.23	23.62	23.61	25.39	0.3459
20	1	49		23.05	23.44	23.43		
20	1	99		23.02	23.21	23.20		
20	50	0		22.29	22.68	22.67		
20	50	24		22.25	22.64	22.63		
20	50	50		22.15	22.54	22.53		
20	100	0		22.23	22.62	22.61		
20	1	0	16-QAM	22.43	22.82	22.81	24.59	0.2877
20	1	49		22.34	22.73	22.72		
20	1	99		22.07	22.46	22.45		
20	50	0		21.27	21.66	21.65		
20	50	24		21.26	21.65	21.64		
20	50	50		21.15	21.54	21.53		
20	100	0		21.21	21.60	21.59		
20	1	0	64-QAM	22.40	22.79	22.78	24.56	0.2858
20	1	49		22.29	22.68	22.67		
20	1	99		21.98	22.37	22.36		
20	50	0		21.31	21.70	21.69		
20	50	24		21.26	21.65	21.64		
20	50	50		21.15	21.54	21.53		
20	100	0		21.23	21.62	21.61		
20	1	0	256-QAM	18.35	18.74	18.73	20.51	0.1125
20	1	49		18.30	18.69	18.68		
20	1	99		18.07	18.46	18.45		
20	50	0		18.21	18.60	18.59		
20	50	24		18.23	18.62	18.61		
20	50	50		18.12	18.51	18.50		
20	100	0		18.20	18.59	18.58		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.17	23.55	23.54	25.32	0.3404
15	1	37		23.12	23.35	23.34		
15	1	74		23.08	23.12	23.12		
15	36	0		22.23	22.62	22.60		
15	36	20		22.19	22.56	22.55		
15	36	39		22.09	22.48	22.48		
15	75	0		22.14	22.57	22.54		
15	1	0	16-QAM	22.37	22.77	22.74	24.54	0.2844
15	1	37		22.29	22.65	22.64		
15	1	74		22.01	22.41	22.36		
15	36	0		21.18	21.61	21.58		
15	36	20		21.18	21.56	21.59		
15	36	39		21.06	21.48	21.47		
15	75	0		21.12	21.53	21.53		
15	1	0	64-QAM	22.34	22.71	22.73	24.50	0.2818
15	1	37		22.22	22.63	22.60		
15	1	74		21.90	22.30	22.27		
15	36	0		21.25	21.64	21.62		
15	36	20		21.18	21.60	21.57		
15	36	39		21.07	21.49	21.44		
15	75	0		21.15	21.57	21.53		
15	1	0	256-QAM	18.26	18.68	18.67	20.45	0.1109
15	1	37		18.21	18.61	18.59		
15	1	74		18.01	18.41	18.39		
15	36	0		18.16	18.54	18.53		
15	36	20		18.16	18.54	18.52		
15	36	39		18.06	18.42	18.41		
15	75	0		18.11	18.51	18.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.16	23.53	23.55	25.32	0.3404
10	1	25		23.12	23.39	23.37		
10	1	49		23.09	23.15	23.11		
10	25	0		22.22	22.59	22.62		
10	25	12		22.16	22.56	22.54		
10	25	25		22.08	22.47	22.47		
10	50	0		22.15	22.57	22.55		
10	1	0	16-QAM	22.36	22.77	22.72	24.54	0.2844
10	1	25		22.27	22.64	22.67		
10	1	49		22.00	22.40	22.36		
10	25	0		21.21	21.60	21.59		
10	25	12		21.17	21.59	21.55		
10	25	25		21.06	21.45	21.46		
10	50	0		21.16	21.55	21.54		
10	1	0	64-QAM	22.32	22.73	22.70	24.50	0.2818
10	1	25		22.22	22.60	22.61		
10	1	49		21.89	22.28	22.29		
10	25	0		21.24	21.64	21.63		
10	25	12		21.17	21.59	21.59		
10	25	25		21.09	21.47	21.48		
10	50	0		21.16	21.55	21.56		
10	1	0	256-QAM	18.26	18.66	18.65	20.43	0.1104
10	1	25		18.23	18.60	18.62		
10	1	49		18.02	18.41	18.38		
10	25	0		18.16	18.51	18.52		
10	25	12		18.17	18.55	18.52		
10	25	25		18.07	18.42	18.41		
10	50	0		18.11	18.54	18.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.77 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.14	23.57	23.54	25.34	0.3420
5	1	12		23.13	23.36	23.34		
5	1	24		23.07	23.16	23.11		
5	12	0		22.21	22.61	22.62		
5	12	7		22.20	22.57	22.58		
5	12	13		22.06	22.49	22.47		
5	25	0		22.15	22.53	22.55		
5	1	0	16-QAM	22.37	22.76	22.76	24.53	0.2838
5	1	12		22.26	22.68	22.63		
5	1	24		22.00	22.38	22.39		
5	12	0		21.22	21.58	21.59		
5	12	7		21.19	21.59	21.57		
5	12	13		21.10	21.47	21.47		
5	25	0		21.12	21.53	21.53		
5	1	0	64-QAM	22.35	22.74	22.71	24.51	0.2825
5	1	12		22.23	22.62	22.62		
5	1	24		21.90	22.29	22.31		
5	12	0		21.23	21.63	21.61		
5	12	7		21.17	21.59	21.57		
5	12	13		21.06	21.46	21.44		
5	25	0		21.17	21.55	21.54		
5	1	0	256-QAM	18.30	18.69	18.64	20.46	0.1112
5	1	12		18.24	18.62	18.62		
5	1	24		18.00	18.40	18.36		
5	12	0		18.15	18.55	18.52		
5	12	7		18.14	18.55	18.53		
5	12	13		18.05	18.44	18.43		
5	25	0		18.11	18.52	18.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.78	23.60	23.61	20.44	0.1107
10	1	25		23.56	23.62	23.64		
10	1	49		23.51	23.50	23.54		
10	25	0		22.64	22.64	22.62		
10	25	12		22.76	22.63	22.69		
10	25	25		22.67	22.65	22.59		
10	50	0		22.67	22.66	22.65		
10	1	0	16-QAM	23.04	23.01	22.95	19.70	0.0933
10	1	25		23.03	22.95	22.86		
10	1	49		22.90	22.83	22.89		
10	25	0		21.65	21.61	21.58		
10	25	12		21.68	21.61	21.75		
10	25	25		21.66	21.65	21.59		
10	50	0		21.66	21.65	21.62		
10	1	0	64-QAM	21.89	21.79	21.71	18.61	0.0726
10	1	25		21.95	21.90	21.90		
10	1	49		21.77	21.73	21.67		
10	25	0		20.65	20.66	20.62		
10	25	12		20.75	20.66	20.69		
10	25	25		20.73	20.69	20.63		
10	50	0		20.73	20.64	20.64		
10	1	0	256-QAM	18.65	18.67	18.64	15.37	0.0344
10	1	25		18.71	18.69	18.67		
10	1	49		18.64	18.66	18.69		
10	25	0		18.63	18.59	18.61		
10	25	12		18.67	18.63	18.66		
10	25	25		18.60	18.61	18.62		
10	50	0		18.65	18.59	18.67		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.54	23.48	23.48	20.20	0.1047
5	1	12		23.46	23.48	23.49		
5	1	24		23.40	23.37	23.40		
5	12	0		22.51	22.52	22.50		
5	12	7		22.63	22.51	22.54		
5	12	13		22.52	22.52	22.48		
5	25	0		22.55	22.54	22.51		
5	1	0	16-QAM	22.91	22.91	22.84	19.58	0.0908
5	1	12		22.92	22.81	22.76		
5	1	24		22.76	22.71	22.75		
5	12	0		21.53	21.49	21.45		
5	12	7		21.58	21.49	21.60		
5	12	13		21.56	21.50	21.48		
5	25	0		21.54	21.52	21.47		
5	1	0	64-QAM	21.79	21.69	21.60	18.50	0.0708
5	1	12		21.84	21.76	21.77		
5	1	24		21.66	21.61	21.53		
5	12	0		20.50	20.52	20.50		
5	12	7		20.64	20.56	20.54		
5	12	13		20.58	20.56	20.52		
5	25	0		20.62	20.51	20.51		
5	1	0	256-QAM	18.50	18.55	18.52	15.24	0.0334
5	1	12		18.58	18.57	18.52		
5	1	24		18.54	18.51	18.54		
5	12	0		18.50	18.48	18.49		
5	12	7		18.57	18.53	18.51		
5	12	13		18.47	18.46	18.49		
5	25	0		18.55	18.45	18.57		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.55	23.46	23.48	20.21	0.1050
3	1	8		23.42	23.51	23.49		
3	1	14		23.37	23.40	23.41		
3	8	0		22.51	22.50	22.48		
3	8	4		22.65	22.50	22.55		
3	8	7		22.57	22.50	22.49		
3	15	0		22.57	22.52	22.52		
3	1	0	16-QAM	22.92	22.91	22.85	19.59	0.0910
3	1	8		22.93	22.80	22.72		
3	1	14		22.75	22.72	22.75		
3	8	0		21.50	21.51	21.48		
3	8	4		21.57	21.51	21.64		
3	8	7		21.54	21.52	21.45		
3	15	0		21.56	21.52	21.48		
3	1	0	64-QAM	21.76	21.64	21.59	18.49	0.0706
3	1	8		21.83	21.80	21.77		
3	1	14		21.64	21.63	21.57		
3	8	0		20.54	20.52	20.50		
3	8	4		20.61	20.51	20.59		
3	8	7		20.63	20.56	20.51		
3	15	0		20.62	20.50	20.53		
3	1	0	256-QAM	18.53	18.55	18.51	15.24	0.0334
3	1	8		18.58	18.58	18.52		
3	1	14		18.51	18.54	18.54		
3	8	0		18.52	18.49	18.51		
3	8	4		18.54	18.51	18.51		
3	8	7		18.47	18.51	18.48		
3	15	0		18.52	18.48	18.57		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.35	23.38	23.30	20.13	0.1030
1.4	1	3		23.44	23.41	23.31		
1.4	1	5		23.28	23.37	23.25		
1.4	3	0		23.46	23.38	23.34		
1.4	3	1		23.47	23.39	23.34		
1.4	3	3		23.40	23.35	23.27		
1.4	6	0		22.47	22.32	22.40		
1.4	1	0	16-QAM	22.93	22.77	22.68	19.59	0.0910
1.4	1	3		22.91	22.74	22.72		
1.4	1	5		22.66	22.75	22.69		
1.4	3	0		22.35	22.53	22.52		
1.4	3	1		22.63	22.62	22.56		
1.4	3	3		22.63	22.53	22.44		
1.4	6	0		21.52	21.39	21.48		
1.4	1	0	64-QAM	21.54	21.56	21.61	18.30	0.0676
1.4	1	3		21.60	21.56	21.58		
1.4	1	5		21.61	21.53	21.53		
1.4	3	0		21.56	21.61	21.44		
1.4	3	1		21.64	21.53	21.44		
1.4	3	3		21.53	21.50	21.47		
1.4	6	0		20.54	20.46	20.37		
1.4	1	0	256-QAM	18.44	18.26	18.36	15.22	0.0333
1.4	1	3		18.47	18.56	18.42		
1.4	1	5		18.40	18.47	18.29		
1.4	3	0		18.48	18.37	18.40		
1.4	3	1		18.47	18.45	18.39		
1.4	3	3		18.47	18.47	18.40		
1.4	6	0		18.43	18.22	18.36		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.61	-	21.33	0.1358
10	1	25			23.59			
10	1	49			23.58			
10	25	0			22.67			
10	25	12			22.58			
10	25	25			22.55			
10	50	0			22.58			
10	1	0	16-QAM		22.89		20.73	0.1183
10	1	25			22.97			
10	1	49			23.01			
10	25	0			21.65			
10	25	12			21.66			
10	25	25			21.55			
10	50	0			21.72			
10	1	0	64-QAM		21.68		19.52	0.0895
10	1	25			21.80			
10	1	49			21.79			
10	25	0			20.68			
10	25	12			20.63			
10	25	25			20.62			
10	50	0			20.76			
10	1	0	256-QAM		18.61		16.58	0.0455
10	1	25			18.71			
10	1	49			18.86			
10	25	0			18.71			
10	25	12			18.72			
10	25	25			18.62			
10	50	0			18.61			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.46	23.49	23.47	21.21	0.1321
5	1	12		23.48	23.47	23.44		
5	1	24		23.38	23.46	23.43		
5	12	0		22.49	22.53	22.48		
5	12	7		22.51	22.46	22.58		
5	12	13		22.52	22.41	22.49		
5	25	0		22.52	22.45	22.51		
5	1	0	16-QAM	22.86	22.79	22.85	20.63	0.1156
5	1	12		22.80	22.86	22.72		
5	1	24		22.70	22.91	22.75		
5	12	0		21.51	21.52	21.43		
5	12	7		21.51	21.51	21.63		
5	12	13		21.52	21.45	21.47		
5	25	0		21.55	21.60	21.47		
5	1	0	64-QAM	21.66	21.56	21.58	19.51	0.0893
5	1	12		21.76	21.70	21.79		
5	1	24		21.58	21.67	21.52		
5	12	0		20.52	20.55	20.50		
5	12	7		20.51	20.48	20.58		
5	12	13		20.57	20.52	20.49		
5	25	0		20.52	20.62	20.50		
5	1	0	256-QAM	18.52	18.51	18.52	16.47	0.0444
5	1	12		18.58	18.59	18.56		
5	1	24		18.56	18.75	18.57		
5	12	0		18.44	18.57	18.48		
5	12	7		18.48	18.62	18.51		
5	12	13		18.50	18.47	18.51		
5	25	0		18.49	18.49	18.55		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.64	23.74	23.67	20.46	0.1112
10	1	25		23.58	23.64	23.64		
10	1	49		23.45	23.52	23.52		
10	25	0		22.66	22.67	22.53		
10	25	12		22.65	22.66	22.66		
10	25	25		22.63	22.64	22.59		
10	50	0		22.61	22.64	22.63		
10	1	0	16-QAM	22.93	23.03	23.06	19.78	0.0951
10	1	25		22.93	22.81	23.00		
10	1	49		22.90	22.88	22.91		
10	25	0		21.61	21.61	21.64		
10	25	12		21.72	21.67	21.66		
10	25	25		21.64	21.62	21.63		
10	50	0		22.40	21.65	21.66		
10	1	0	64-QAM	21.89	21.78	21.76	18.61	0.0726
10	1	25		21.84	21.85	21.87		
10	1	49		21.73	21.59	21.68		
10	25	0		20.60	20.63	20.59		
10	25	12		20.71	20.76	20.73		
10	25	25		20.61	20.65	20.67		
10	50	0		20.70	20.70	20.66		
10	1	0	256-QAM	18.61	18.67	18.69	15.53	0.0357
10	1	25		18.81	18.73	18.72		
10	1	49		18.56	18.60	18.58		
10	25	0		18.58	18.58	18.57		
10	25	12		18.68	18.67	18.71		
10	25	25		18.63	18.61	18.61		
10	50	0		18.67	18.69	18.60		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.51	23.64	23.55	20.36	0.1086
5	1	12		23.48	23.50	23.53		
5	1	24		23.31	23.38	23.38		
5	12	0		22.55	22.57	22.42		
5	12	7		22.52	22.51	22.52		
5	12	13		22.48	22.52	22.44		
5	25	0		22.46	22.54	22.50		
5	1	0	16-QAM	22.79	22.89	22.93	19.65	0.0923
5	1	12		22.78	22.66	22.86		
5	1	24		22.79	22.73	22.76		
5	12	0		21.46	21.47	21.51		
5	12	7		21.62	21.52	21.56		
5	12	13		21.53	21.48	21.53		
5	25	0		22.29	21.55	21.55		
5	1	0	64-QAM	21.76	21.64	21.65	18.48	0.0705
5	1	12		21.71	21.75	21.76		
5	1	24		21.61	21.47	21.53		
5	12	0		20.45	20.50	20.48		
5	12	7		20.58	20.65	20.60		
5	12	13		20.50	20.52	20.56		
5	25	0		20.59	20.57	20.51		
5	1	0	256-QAM	18.46	18.53	18.59	15.39	0.0346
5	1	12		18.67	18.63	18.60		
5	1	24		18.44	18.50	18.48		
5	12	0		18.45	18.43	18.42		
5	12	7		18.56	18.56	18.60		
5	12	13		18.48	18.48	18.46		
5	25	0		18.53	18.57	18.46		
Limit	ERP < 3W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.28	23.41	23.55	21.39	0.1377
15	1	37		23.50	23.51	23.55		
15	1	74		23.49	23.46	23.51		
15	36	0		22.45	22.56	22.63		
15	36	20		22.49	22.48	22.62		
15	36	39		22.55	22.41	22.56		
15	75	0		22.46	22.48	22.62		
15	1	0	16-QAM	22.53	22.90	22.73	20.77	0.1194
15	1	37		22.72	22.86	22.93		
15	1	74		22.72	22.72	22.80		
15	36	0		21.50	21.59	21.60		
15	36	20		21.45	21.51	21.58		
15	36	39		21.58	21.44	21.54		
15	75	0		21.47	21.44	21.56		
15	1	0	64-QAM	21.54	21.69	21.60	19.68	0.0929
15	1	37		21.81	21.70	21.82		
15	1	74		21.75	21.66	21.84		
15	36	0		20.39	20.51	20.62		
15	36	20		20.54	20.51	20.69		
15	36	39		20.58	20.43	20.60		
15	75	0		20.48	20.54	20.64		
15	1	0	256-QAM	18.41	18.59	18.48	16.65	0.0462
15	1	37		18.61	18.66	18.81		
15	1	74		18.64	18.70	18.68		
15	36	0		18.45	18.56	18.57		
15	36	20		18.41	18.52	18.66		
15	36	39		18.52	18.36	18.59		
15	75	0		18.47	18.51	18.53		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.12	23.26	23.39	21.26	0.1337
10	1	25		23.38	23.39	23.42		
10	1	49		23.36	23.34	23.38		
10	25	0		22.34	22.45	22.52		
10	25	12		22.33	22.37	22.48		
10	25	25		22.46	22.28	22.43		
10	50	0		22.32	22.32	22.48		
10	1	0	16-QAM	22.43	22.77	22.59	20.62	0.1153
10	1	25		22.62	22.72	22.78		
10	1	49		22.60	22.60	22.65		
10	25	0		21.38	21.48	21.46		
10	25	12		21.32	21.38	21.48		
10	25	25		21.45	21.32	21.42		
10	50	0		21.34	21.30	21.41		
10	1	0	64-QAM	21.43	21.57	21.49	19.56	0.0904
10	1	25		21.71	21.59	21.72		
10	1	49		21.65	21.55	21.72		
10	25	0		20.28	20.41	20.49		
10	25	12		20.42	20.36	20.55		
10	25	25		20.43	20.30	20.46		
10	50	0		20.38	20.42	20.56		
10	1	0	256-QAM	18.29	18.47	18.34	16.53	0.0450
10	1	25		18.47	18.52	18.69		
10	1	49		18.54	18.58	18.53		
10	25	0		18.35	18.43	18.44		
10	25	12		18.26	18.43	18.54		
10	25	25		18.36	18.26	18.45		
10	50	0		18.33	18.39	18.41		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.14	23.29	23.42	21.26	0.1337
5	1	12		23.36	23.37	23.40		
5	1	24		23.37	23.33	23.40		
5	12	0		22.35	22.44	22.53		
5	12	7		22.36	22.36	22.52		
5	12	13		22.45	22.31	22.45		
5	25	0		22.33	22.36	22.49		
5	1	0	16-QAM	22.39	22.81	22.61	20.65	0.1161
5	1	12		22.59	22.74	22.81		
5	1	24		22.60	22.58	22.67		
5	12	0		21.36	21.46	21.45		
5	12	7		21.35	21.40	21.48		
5	12	13		21.47	21.33	21.42		
5	25	0		21.33	21.31	21.44		
5	1	0	64-QAM	21.41	21.59	21.50	19.58	0.0908
5	1	12		21.68	21.57	21.74		
5	1	24		21.67	21.55	21.69		
5	12	0		20.24	20.37	20.51		
5	12	7		20.43	20.37	20.58		
5	12	13		20.46	20.30	20.48		
5	25	0		20.39	20.41	20.54		
5	1	0	256-QAM	18.30	18.49	18.38	16.50	0.0447
5	1	12		18.47	18.55	18.66		
5	1	24		18.50	18.58	18.54		
5	12	0		18.35	18.44	18.46		
5	12	7		18.32	18.40	18.53		
5	12	13		18.38	18.21	18.48		
5	25	0		18.39	18.40	18.38		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.13	23.29	23.41	21.25	0.1334
3	1	8		23.34	23.37	23.41		
3	1	14		23.39	23.35	23.40		
3	8	0		22.31	22.45	22.52		
3	8	4		22.32	22.34	22.51		
3	8	7		22.44	22.30	22.46		
3	15	0		22.32	22.35	22.48		
3	1	0	16-QAM	22.42	22.80	22.62	20.64	0.1159
3	1	8		22.61	22.72	22.80		
3	1	14		22.61	22.62	22.66		
3	8	0		21.36	21.44	21.49		
3	8	4		21.33	21.36	21.46		
3	8	7		21.42	21.28	21.42		
3	15	0		21.34	21.31	21.45		
3	1	0	64-QAM	21.44	21.57	21.47	19.60	0.0912
3	1	8		21.68	21.60	21.68		
3	1	14		21.62	21.55	21.76		
3	8	0		20.25	20.38	20.51		
3	8	4		20.41	20.37	20.56		
3	8	7		20.48	20.33	20.44		
3	15	0		20.34	20.39	20.52		
3	1	0	256-QAM	18.28	18.45	18.33	16.55	0.0452
3	1	8		18.50	18.56	18.71		
3	1	14		18.54	18.58	18.52		
3	8	0		18.32	18.45	18.47		
3	8	4		18.28	18.42	18.55		
3	8	7		18.43	18.24	18.44		
3	15	0		18.36	18.41	18.41		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	20.24	23.25	23.38	21.33	0.1358
1.4	1	3		20.30	23.41	23.42		
1.4	1	5		20.21	23.38	23.32		
1.4	3	0		23.25	23.33	23.20		
1.4	3	1		23.15	23.35	23.44		
1.4	3	3		23.19	23.38	23.49		
1.4	6	0		22.17	22.31	22.42		
1.4	1	0	16-QAM	22.61	22.50	22.78	20.73	0.1183
1.4	1	3		22.53	22.59	22.89		
1.4	1	5		22.51	22.62	22.79		
1.4	3	0		22.38	22.45	22.55		
1.4	3	1		22.30	22.44	22.57		
1.4	3	3		22.40	22.54	22.54		
1.4	6	0		21.34	21.41	21.48		
1.4	1	0	64-QAM	21.33	21.42	21.47	19.50	0.0891
1.4	1	3		21.39	21.55	21.64		
1.4	1	5		21.36	21.64	21.66		
1.4	3	0		21.35	21.44	21.48		
1.4	3	1		21.34	21.39	21.48		
1.4	3	3		21.35	21.56	21.53		
1.4	6	0		20.32	20.39	20.49		
1.4	1	0	256-QAM	18.20	18.44	18.52	16.37	0.0434
1.4	1	3		18.28	18.50	18.45		
1.4	1	5		18.28	18.53	18.53		
1.4	3	0		18.29	18.39	18.47		
1.4	3	1		18.32	18.36	18.47		
1.4	3	3		18.29	18.45	18.47		
1.4	6	0		18.24	18.31	18.44		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.54	23.50	23.40	25.54	0.3581
20	1	49		23.53	23.45	23.41		
20	1	99		23.50	23.45	23.44		
20	50	0		23.51	23.41	23.33		
20	50	24		23.50	23.43	23.39		
20	50	50		23.48	23.44	23.40		
20	100	0		23.49	23.44	23.38		
20	1	0	16-QAM	22.47	22.48	22.38	24.55	0.2851
20	1	49		22.55	22.46	22.50		
20	1	99		22.50	22.49	22.42		
20	50	0		22.48	22.42	22.45		
20	50	24		22.46	22.44	22.47		
20	50	50		22.50	22.34	22.41		
20	100	0		22.51	22.41	22.34		
20	1	0	64-QAM	22.51	21.38	21.31	24.55	0.2851
20	1	49		22.55	21.45	21.31		
20	1	99		22.49	21.42	21.34		
20	50	0		21.50	21.50	21.41		
20	50	24		21.57	21.45	21.42		
20	50	50		21.48	21.47	21.47		
20	100	0		21.57	21.39	21.40		
20	1	0	256-QAM	18.45	18.32	18.30	20.52	0.1127
20	1	49		18.40	18.39	18.28		
20	1	99		18.38	18.37	18.26		
20	50	0		18.36	18.39	18.36		
20	50	24		18.52	18.38	18.42		
20	50	50		18.46	18.45	18.28		
20	100	0		18.46	18.40	18.27		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.39	23.37	23.27	25.39	0.3459
15	1	37		23.38	23.32	23.30		
15	1	74		23.37	23.35	23.33		
15	36	0		23.36	23.31	23.22		
15	36	20		23.35	23.30	23.24		
15	36	39		23.34	23.33	23.27		
15	75	0		23.35	23.29	23.23		
15	1	0	16-QAM	22.33	22.35	22.26	24.43	0.2773
15	1	37		22.43	22.36	22.37		
15	1	74		22.35	22.39	22.29		
15	36	0		22.35	22.32	22.32		
15	36	20		22.36	22.29	22.33		
15	36	39		22.40	22.20	22.31		
15	75	0		22.38	22.28	22.23		
15	1	0	64-QAM	22.41	21.28	21.19	24.41	0.2761
15	1	37		22.40	21.35	21.19		
15	1	74		22.37	21.27	21.22		
15	36	0		21.37	21.39	21.28		
15	36	20		21.45	21.33	21.32		
15	36	39		21.38	21.32	21.35		
15	75	0		21.42	21.24	21.25		
15	1	0	256-QAM	18.33	18.19	18.17	20.37	0.1089
15	1	37		18.27	18.29	18.17		
15	1	74		18.23	18.24	18.14		
15	36	0		18.22	18.28	18.25		
15	36	20		18.37	18.28	18.31		
15	36	39		18.33	18.33	18.13		
15	75	0		18.36	18.27	18.14		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.42	23.40	23.29	25.42	0.3483
10	1	25		23.40	23.30	23.29		
10	1	49		23.39	23.32	23.34		
10	25	0		23.36	23.29	23.20		
10	25	12		23.35	23.31	23.26		
10	25	25		23.37	23.34	23.28		
10	50	0		23.35	23.32	23.23		
10	1	0	16-QAM	22.35	22.37	22.24	24.45	0.2786
10	1	25		22.45	22.31	22.38		
10	1	49		22.38	22.35	22.30		
10	25	0		22.37	22.30	22.34		
10	25	12		22.32	22.31	22.32		
10	25	25		22.35	22.20	22.28		
10	50	0		22.39	22.29	22.22		
10	1	0	64-QAM	22.40	21.27	21.20	24.42	0.2767
10	1	25		22.42	21.33	21.18		
10	1	49		22.36	21.31	21.19		
10	25	0		21.40	21.39	21.31		
10	25	12		21.47	21.34	21.32		
10	25	25		21.36	21.35	21.34		
10	50	0		21.45	21.27	21.30		
10	1	0	256-QAM	18.31	18.17	18.20	20.39	0.1094
10	1	25		18.25	18.25	18.16		
10	1	49		18.24	18.27	18.13		
10	25	0		18.24	18.28	18.25		
10	25	12		18.39	18.24	18.31		
10	25	25		18.31	18.30	18.15		
10	50	0		18.34	18.26	18.17		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.44	23.35	23.25	25.44	0.3499
5	1	12		23.43	23.32	23.28		
5	1	24		23.35	23.31	23.29		
5	12	0		23.39	23.30	23.22		
5	12	7		23.36	23.29	23.29		
5	12	13		23.34	23.31	23.26		
5	25	0		23.36	23.34	23.25		
5	1	0	16-QAM	22.34	22.35	22.26	24.41	0.2761
5	1	12		22.41	22.33	22.37		
5	1	24		22.39	22.35	22.28		
5	12	0		22.36	22.29	22.30		
5	12	7		22.31	22.32	22.32		
5	12	13		22.37	22.21	22.30		
5	25	0		22.40	22.28	22.21		
5	1	0	64-QAM	22.38	21.25	21.20	24.42	0.2767
5	1	12		22.42	21.35	21.17		
5	1	24		22.37	21.31	21.24		
5	12	0		21.36	21.40	21.31		
5	12	7		21.42	21.35	21.27		
5	12	13		21.33	21.37	21.36		
5	25	0		21.42	21.27	21.26		
5	1	0	256-QAM	18.35	18.18	18.20	20.41	0.1099
5	1	12		18.29	18.24	18.14		
5	1	24		18.26	18.23	18.15		
5	12	0		18.26	18.26	18.26		
5	12	7		18.41	18.26	18.27		
5	12	13		18.35	18.32	18.13		
5	25	0		18.33	18.28	18.17		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.17	23.48	23.33	25.31	0.3396
20	1	49		23.15	23.37	23.21		
20	1	99		23.20	23.35	23.22		
20	50	0		22.27	22.48	22.32		
20	50	24		22.28	22.43	22.28		
20	50	50		22.23	22.46	22.32		
20	100	0		22.26	22.46	22.25		
20	1	0	16-QAM	22.24	22.54	22.34	24.38	0.2742
20	1	49		22.21	22.55	22.24		
20	1	99		22.13	22.42	22.28		
20	50	0		21.30	21.46	21.33		
20	50	24		21.28	21.48	21.28		
20	50	50		21.25	21.48	21.33		
20	100	0		21.28	21.45	21.28		
20	1	0	64-QAM	21.11	21.50	21.31	23.33	0.2153
20	1	49		21.18	21.42	21.18		
20	1	99		21.18	21.36	21.21		
20	50	0		20.31	20.43	20.30		
20	50	24		20.25	20.45	20.29		
20	50	50		20.26	20.47	20.31		
20	100	0		20.28	20.43	20.26		
20	1	0	256-QAM	18.24	18.99	18.38	20.97	0.1250
20	1	49		18.22	18.97	18.36		
20	1	99		18.25	19.00	18.39		
20	50	0		18.36	19.11	18.50		
20	50	24		18.34	19.09	18.48		
20	50	50		18.39	19.14	18.53		
20	100	0		18.38	19.11	18.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.16	23.47	23.30	25.30	0.3388
15	1	37		23.11	23.32	23.18		
15	1	74		23.19	23.30	23.19		
15	36	0		22.22	22.44	22.32		
15	36	20		22.24	22.43	22.25		
15	36	39		22.23	22.46	22.28		
15	75	0		22.21	22.45	22.23		
15	1	0	16-QAM	22.20	22.54	22.34	24.37	0.2735
15	1	37		22.16	22.52	22.21		
15	1	74		22.13	22.42	22.24		
15	36	0		21.30	21.45	21.32		
15	36	20		21.23	21.45	21.23		
15	36	39		21.21	21.46	21.31		
15	75	0		21.26	21.40	21.26		
15	1	0	64-QAM	21.07	21.50	21.30	23.33	0.2153
15	1	37		21.17	21.42	21.16		
15	1	74		21.15	21.31	21.17		
15	36	0		20.31	20.42	20.28		
15	36	20		20.24	20.43	20.28		
15	36	39		20.23	20.43	20.26		
15	75	0		20.23	20.42	20.26		
15	1	0	256-QAM	18.19	18.95	18.34	20.95	0.1245
15	1	37		18.19	18.92	18.34		
15	1	74		18.20	18.99	18.38		
15	36	0		18.36	19.09	18.48		
15	36	20		18.30	19.09	18.46		
15	36	39		18.37	19.12	18.48		
15	75	0		18.35	19.11	18.52		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.13	23.47	23.32	25.30	0.3388
10	1	25		23.10	23.34	23.17		
10	1	49		23.18	23.31	23.19		
10	25	0		22.22	22.44	22.30		
10	25	12		22.23	22.40	22.26		
10	25	25		22.19	22.43	22.30		
10	50	0		22.22	22.43	22.23		
10	1	0	16-QAM	22.21	22.52	22.34	24.38	0.2742
10	1	25		22.17	22.55	22.21		
10	1	49		22.10	22.38	22.24		
10	25	0		21.26	21.42	21.33		
10	25	12		21.24	21.44	21.28		
10	25	25		21.21	21.48	21.31		
10	50	0		21.26	21.40	21.25		
10	1	0	64-QAM	21.11	21.46	21.30	23.29	0.2133
10	1	25		21.17	21.42	21.17		
10	1	49		21.17	21.36	21.19		
10	25	0		20.27	20.43	20.27		
10	25	12		20.24	20.44	20.29		
10	25	25		20.21	20.42	20.29		
10	50	0		20.27	20.43	20.24		
10	1	0	256-QAM	18.22	18.95	18.38	20.96	0.1247
10	1	25		18.19	18.94	18.31		
10	1	49		18.23	18.96	18.34		
10	25	0		18.34	19.06	18.45		
10	25	12		18.33	19.08	18.45		
10	25	25		18.36	19.13	18.52		
10	50	0		18.38	19.12	18.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.14	23.44	23.28	25.27	0.3365
5	1	12		23.10	23.36	23.20		
5	1	24		23.19	23.34	23.22		
5	12	0		22.25	22.44	22.30		
5	12	7		22.28	22.41	22.27		
5	12	13		22.23	22.43	22.31		
5	25	0		22.25	22.42	22.24		
5	1	0	16-QAM	22.24	22.52	22.33	24.35	0.2723
5	1	12		22.16	22.51	22.22		
5	1	24		22.10	22.40	22.25		
5	12	0		21.30	21.44	21.33		
5	12	7		21.28	21.45	21.25		
5	12	13		21.21	21.44	21.33		
5	25	0		21.28	21.42	21.24		
5	1	0	64-QAM	21.09	21.46	21.27	23.29	0.2133
5	1	12		21.14	21.42	21.14		
5	1	24		21.18	21.36	21.19		
5	12	0		20.26	20.40	20.29		
5	12	7		20.22	20.40	20.28		
5	12	13		20.21	20.45	20.29		
5	25	0		20.27	20.41	20.23		
5	1	0	256-QAM	18.24	18.94	18.36	20.93	0.1239
5	1	12		18.20	18.93	18.36		
5	1	24		18.25	18.95	18.35		
5	12	0		18.33	19.07	18.46		
5	12	7		18.34	19.08	18.45		
5	12	13		18.37	19.09	18.51		
5	25	0		18.36	19.10	18.48		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.15	25.49	25.39	27.32	0.5395
20	1	49		25.09	25.33	25.26		
20	1	99		25.09	25.34	25.29		
20	50	0		24.30	24.49	24.38		
20	50	24		24.30	24.42	24.31		
20	50	50		24.26	24.46	24.31		
20	100	0		24.31	24.45	24.32		
20	1	0	16-QAM	24.45	24.87	24.66	26.70	0.4677
20	1	49		24.63	24.70	24.61		
20	1	99		24.46	24.72	24.67		
20	50	0		23.36	23.52	23.39		
20	50	24		23.34	23.50	23.35		
20	50	50		23.30	23.52	23.41		
20	100	0		23.33	23.48	23.34		
20	1	0	64-QAM	23.35	23.70	23.55	25.53	0.3573
20	1	49		23.42	23.61	23.51		
20	1	99		23.35	23.62	23.50		
20	50	0		22.34	22.51	22.40		
20	50	24		22.31	22.49	22.37		
20	50	50		22.29	22.51	22.39		
20	100	0		22.29	22.50	22.38		
20	1	0	256-QAM	20.32	20.69	20.47	22.52	0.1786
20	1	49		20.20	20.59	20.35		
20	1	99		20.24	20.63	20.39		
20	50	0		20.13	20.52	20.28		
20	50	24		20.12	20.51	20.27		
20	50	50		20.11	20.48	20.25		
20	100	0		20.07	20.46	20.22		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.14	25.45	25.38	27.28	0.5346
15	1	37		25.06	25.30	25.23		
15	1	74		25.04	25.34	25.25		
15	36	0		24.28	24.44	24.33		
15	36	20		24.27	24.42	24.31		
15	36	39		24.21	24.45	24.29		
15	75	0		24.28	24.40	24.29		
15	1	0	16-QAM	24.45	24.87	24.62	26.70	0.4677
15	1	37		24.61	24.67	24.61		
15	1	74		24.42	24.69	24.65		
15	36	0		23.33	23.48	23.36		
15	36	20		23.31	23.49	23.34		
15	36	39		23.28	23.50	23.38		
15	75	0		23.31	23.47	23.29		
15	1	0	64-QAM	23.35	23.68	23.55	25.51	0.3556
15	1	37		23.42	23.58	23.49		
15	1	74		23.30	23.61	23.48		
15	36	0		22.29	22.50	22.37		
15	36	20		22.29	22.49	22.36		
15	36	39		22.25	22.48	22.35		
15	75	0		22.29	22.50	22.36		
15	1	0	256-QAM	20.31	20.64	20.45	22.47	0.1766
15	1	37		20.15	20.57	20.31		
15	1	74		20.21	20.62	20.39		
15	36	0		20.11	20.51	20.26		
15	36	20		20.12	20.50	20.23		
15	36	39		20.09	20.44	20.23		
15	75	0		20.05	20.46	20.19		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.15	25.46	25.36	27.29	0.5358
10	1	25		25.06	25.30	25.22		
10	1	49		25.09	25.34	25.27		
10	25	0		24.29	24.49	24.36		
10	25	12		24.29	24.41	24.28		
10	25	25		24.26	24.46	24.26		
10	50	0		24.29	24.42	24.30		
10	1	0	16-QAM	24.41	24.86	24.66	26.69	0.4667
10	1	25		24.62	24.67	24.58		
10	1	49		24.41	24.68	24.64		
10	25	0		23.32	23.51	23.38		
10	25	12		23.32	23.50	23.33		
10	25	25		23.27	23.49	23.37		
10	50	0		23.32	23.45	23.30		
10	1	0	64-QAM	23.30	23.66	23.54	25.49	0.3540
10	1	25		23.38	23.59	23.50		
10	1	49		23.34	23.61	23.45		
10	25	0		22.29	22.47	22.36		
10	25	12		22.31	22.45	22.33		
10	25	25		22.28	22.46	22.36		
10	50	0		22.28	22.50	22.34		
10	1	0	256-QAM	20.30	20.62	20.45	22.45	0.1758
10	1	25		20.18	20.54	20.30		
10	1	49		20.19	20.58	20.36		
10	25	0		20.12	20.51	20.28		
10	25	12		20.11	20.47	20.27		
10	25	25		20.09	20.47	20.20		
10	50	0		20.02	20.46	20.19		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.13	25.47	25.37	27.30	0.5370
5	1	12		25.05	25.31	25.23		
5	1	24		25.06	25.33	25.29		
5	12	0		24.30	24.47	24.35		
5	12	7		24.27	24.40	24.26		
5	12	13		24.22	24.43	24.27		
5	25	0		24.27	24.42	24.28		
5	1	0	16-QAM	24.43	24.82	24.63	26.65	0.4624
5	1	12		24.62	24.68	24.58		
5	1	24		24.43	24.70	24.64		
5	12	0		23.36	23.48	23.38		
5	12	7		23.34	23.48	23.35		
5	12	13		23.27	23.51	23.38		
5	25	0		23.33	23.47	23.30		
5	1	0	64-QAM	23.32	23.69	23.55	25.52	0.3565
5	1	12		23.38	23.58	23.48		
5	1	24		23.33	23.59	23.48		
5	12	0		22.33	22.49	22.40		
5	12	7		22.26	22.46	22.35		
5	12	13		22.28	22.50	22.35		
5	25	0		22.26	22.45	22.34		
5	1	0	256-QAM	20.30	20.63	20.42	22.46	0.1762
5	1	12		20.16	20.59	20.35		
5	1	24		20.19	20.63	20.39		
5	12	0		20.10	20.50	20.24		
5	12	7		20.10	20.51	20.27		
5	12	13		20.07	20.45	20.20		
5	25	0		20.06	20.44	20.21		
Limit	EIRP < 2W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	21.67	-	22.64	0.1837
10	1	25			21.61			
10	1	49			21.50			
10	25	0			20.61			
10	25	12			20.59			
10	25	25			20.50			
10	50	0			20.55			
10	1	0	16-QAM		20.99		21.96	0.1570
10	1	25			20.93			
10	1	49			20.85			
10	25	0			19.69			
10	25	12			19.60			
10	25	25			19.54			
10	50	0			19.54			
10	1	0	64-QAM		19.86		20.85	0.1216
10	1	25			19.88			
10	1	49			19.82			
10	25	0			18.64			
10	25	12			18.56			
10	25	25			18.52			
10	50	0			18.55			
10	1	0	256-QAM		16.70		17.67	0.0585
10	1	25			16.67			
10	1	49			16.51			
10	25	0			16.63			
10	25	12			16.55			
10	25	25			16.51			
10	50	0			16.50			
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.55	21.57	21.52	22.54	0.1795
5	1	12		21.49	21.46	21.51		
5	1	24		21.35	21.37	21.40		
5	12	0		20.48	20.48	20.46		
5	12	7		20.45	20.49	20.44		
5	12	13		20.40	20.36	20.38		
5	25	0		20.43	20.41	20.44		
5	1	0	16-QAM	20.86	20.88	20.87	21.85	0.1531
5	1	12		20.78	20.83	20.79		
5	1	24		20.75	20.74	20.74		
5	12	0		19.58	19.55	19.54		
5	12	7		19.45	19.50	19.47		
5	12	13		19.44	19.40	19.40		
5	25	0		19.40	19.43	19.41		
5	1	0	64-QAM	19.72	19.71	19.74	20.75	0.1189
5	1	12		19.73	19.78	19.75		
5	1	24		19.67	19.71	19.70		
5	12	0		18.54	18.50	18.50		
5	12	7		18.42	18.41	18.42		
5	12	13		18.38	18.42	18.42		
5	25	0		18.41	18.43	18.44		
5	1	0	256-QAM	16.59	16.56	16.59	17.56	0.0570
5	1	12		16.56	16.57	16.57		
5	1	24		16.40	16.40	16.38		
5	12	0		16.48	16.53	16.50		
5	12	7		16.40	16.43	16.44		
5	12	13		16.39	16.36	16.41		
5	25	0		16.40	16.39	16.40		
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.32	23.47	23.37	24.75	0.2985
20	1	49		23.38	23.37	23.37		
20	1	99		23.46	23.45	23.35		
20	50	0		22.34	22.46	22.42		
20	50	24		22.44	22.39	22.45		
20	50	50		22.45	22.44	22.44		
20	100	0		22.45	22.46	22.43		
20	1	0	16-QAM	22.74	22.78	22.67	24.06	0.2547
20	1	49		22.66	22.64	22.62		
20	1	99		22.70	22.77	22.52		
20	50	0		21.37	21.38	21.49		
20	50	24		21.42	21.47	21.46		
20	50	50		21.48	21.53	21.54		
20	100	0		21.44	21.41	21.43		
20	1	0	64-QAM	21.54	21.65	21.54	22.98	0.1986
20	1	49		21.65	21.66	21.63		
20	1	99		21.57	21.70	21.53		
20	50	0		20.40	20.46	20.40		
20	50	24		20.46	20.49	20.48		
20	50	50		20.53	20.55	20.54		
20	100	0		20.45	20.50	20.40		
20	1	0	256-QAM	18.44	18.63	18.36	19.91	0.0979
20	1	49		18.57	18.53	18.54		
20	1	99		18.61	18.52	18.63		
20	50	0		18.37	18.45	18.39		
20	50	24		18.45	18.40	18.54		
20	50	50		18.53	18.49	18.52		
20	100	0		18.45	18.48	18.42		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.19	23.32	23.27	24.63	0.2904
15	1	37		23.23	23.26	23.23		
15	1	74		23.35	23.34	23.20		
15	36	0		22.23	22.35	22.31		
15	36	20		22.34	22.25	22.33		
15	36	39		22.31	22.32	22.32		
15	75	0		22.32	22.35	22.30		
15	1	0	16-QAM	22.64	22.63	22.57	23.92	0.2466
15	1	37		22.53	22.54	22.52		
15	1	74		22.57	22.64	22.41		
15	36	0		21.27	21.25	21.39		
15	36	20		21.31	21.35	21.32		
15	36	39		21.35	21.38	21.39		
15	75	0		21.31	21.29	21.31		
15	1	0	64-QAM	21.39	21.54	21.44	22.87	0.1936
15	1	37		21.50	21.56	21.52		
15	1	74		21.44	21.59	21.40		
15	36	0		20.26	20.36	20.25		
15	36	20		20.34	20.36	20.36		
15	36	39		20.43	20.40	20.43		
15	75	0		20.35	20.38	20.26		
15	1	0	256-QAM	18.33	18.48	18.24	19.79	0.0953
15	1	37		18.47	18.39	18.43		
15	1	74		18.50	18.42	18.51		
15	36	0		18.27	18.31	18.28		
15	36	20		18.31	18.30	18.40		
15	36	39		18.41	18.36	18.40		
15	75	0		18.33	18.38	18.31		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.22	23.33	23.22	24.61	0.2891
10	1	25		23.26	23.27	23.27		
10	1	49		23.33	23.31	23.25		
10	25	0		22.20	22.36	22.27		
10	25	12		22.34	22.28	22.34		
10	25	25		22.33	22.34	22.33		
10	50	0		22.35	22.33	22.31		
10	1	0	16-QAM	22.64	22.63	22.56	23.92	0.2466
10	1	25		22.55	22.54	22.50		
10	1	49		22.59	22.63	22.41		
10	25	0		21.24	21.28	21.38		
10	25	12		21.32	21.32	21.36		
10	25	25		21.35	21.42	21.39		
10	50	0		21.33	21.26	21.29		
10	1	0	64-QAM	21.39	21.55	21.42	22.87	0.1936
10	1	25		21.54	21.56	21.52		
10	1	49		21.42	21.59	21.43		
10	25	0		20.28	20.35	20.27		
10	25	12		20.32	20.37	20.34		
10	25	25		20.39	20.40	20.43		
10	50	0		20.31	20.39	20.29		
10	1	0	256-QAM	18.32	18.50	18.24	19.79	0.0953
10	1	25		18.43	18.38	18.44		
10	1	49		18.51	18.42	18.49		
10	25	0		18.22	18.32	18.27		
10	25	12		18.35	18.25	18.41		
10	25	25		18.43	18.39	18.39		
10	50	0		18.34	18.37	18.29		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.19	23.35	23.27	24.63	0.2904
5	1	12		23.27	23.27	23.22		
5	1	24		23.33	23.30	23.22		
5	12	0		22.24	22.31	22.28		
5	12	7		22.34	22.24	22.32		
5	12	13		22.30	22.31	22.33		
5	25	0		22.31	22.35	22.33		
5	1	0	16-QAM	22.63	22.65	22.57	23.95	0.2483
5	1	12		22.52	22.52	22.48		
5	1	24		22.56	22.67	22.39		
5	12	0		21.26	21.23	21.39		
5	12	7		21.29	21.37	21.36		
5	12	13		21.38	21.41	21.40		
5	25	0		21.33	21.27	21.32		
5	1	0	64-QAM	21.42	21.55	21.44	22.84	0.1923
5	1	12		21.55	21.55	21.52		
5	1	24		21.46	21.56	21.38		
5	12	0		20.26	20.33	20.29		
5	12	7		20.33	20.38	20.38		
5	12	13		20.42	20.42	20.42		
5	25	0		20.35	20.39	20.29		
5	1	0	256-QAM	18.33	18.51	18.26	19.79	0.0953
5	1	12		18.42	18.39	18.41		
5	1	24		18.47	18.42	18.50		
5	12	0		18.23	18.30	18.25		
5	12	7		18.35	18.27	18.40		
5	12	13		18.43	18.36	18.37		
5	25	0		18.31	18.34	18.32		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.20	23.35	23.22	24.63	0.2904
3	1	8		23.24	23.25	23.22		
3	1	14		23.33	23.30	23.22		
3	8	0		22.23	22.31	22.32		
3	8	4		22.29	22.24	22.32		
3	8	7		22.31	22.33	22.31		
3	15	0		22.34	22.34	22.28		
3	1	0	16-QAM	22.62	22.63	22.57	23.94	0.2477
3	1	8		22.53	22.51	22.49		
3	1	14		22.57	22.66	22.40		
3	8	0		21.25	21.24	21.37		
3	8	4		21.29	21.32	21.33		
3	8	7		21.36	21.42	21.44		
3	15	0		21.34	21.27	21.33		
3	1	0	64-QAM	21.43	21.52	21.40	22.87	0.1936
3	1	8		21.50	21.55	21.50		
3	1	14		21.43	21.59	21.41		
3	8	0		20.27	20.36	20.28		
3	8	4		20.36	20.39	20.38		
3	8	7		20.40	20.43	20.44		
3	15	0		20.31	20.36	20.28		
3	1	0	256-QAM	18.32	18.52	18.26	19.80	0.0955
3	1	8		18.42	18.43	18.41		
3	1	14		18.49	18.37	18.52		
3	8	0		18.25	18.35	18.29		
3	8	4		18.31	18.26	18.43		
3	8	7		18.42	18.35	18.38		
3	15	0		18.30	18.38	18.31		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.28 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.26	23.33	23.23	24.68	0.2938
1.4	1	3		23.22	23.37	23.31		
1.4	1	5		23.25	23.34	23.35		
1.4	3	0		23.32	23.40	23.38		
1.4	3	1		23.32	23.34	23.39		
1.4	3	3		23.37	23.34	23.36		
1.4	6	0		23.28	23.34	23.32		
1.4	1	0	16-QAM	22.61	22.78	22.69	24.08	0.2559
1.4	1	3		22.68	22.63	22.67		
1.4	1	5		22.59	22.69	22.80		
1.4	3	0		22.46	22.55	22.46		
1.4	3	1		22.46	22.50	22.44		
1.4	3	3		22.44	22.40	22.49		
1.4	6	0		22.44	22.49	22.45		
1.4	1	0	64-QAM	21.44	21.53	21.61	22.91	0.1954
1.4	1	3		21.54	21.63	21.48		
1.4	1	5		21.62	21.58	21.48		
1.4	3	0		21.37	21.48	21.43		
1.4	3	1		21.45	21.43	21.39		
1.4	3	3		21.40	21.56	21.41		
1.4	6	0		21.37	21.43	21.44		
1.4	1	0	256-QAM	18.44	18.52	18.33	19.80	0.0955
1.4	1	3		18.45	18.47	18.39		
1.4	1	5		18.37	18.49	18.42		
1.4	3	0		18.37	18.46	18.41		
1.4	3	1		18.32	18.40	18.33		
1.4	3	3		18.42	18.47	18.40		
1.4	6	0		18.33	18.45	18.34		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.31	23.61	23.53	20.08	0.1019
20	1	49		23.30	23.48	23.34		
20	1	99		23.13	23.44	23.28		
20	50	0		22.38	22.60	22.51		
20	50	24		22.48	22.52	22.48		
20	50	50		22.48	22.48	22.47		
20	100	0		22.58	22.59	22.50		
20	1	0	16-QAM	22.89	22.73	22.92	19.39	0.0869
20	1	49		22.89	22.82	22.74		
20	1	99		22.56	22.53	22.56		
20	50	0		21.54	21.65	21.50		
20	50	24		21.67	21.51	21.49		
20	50	50		21.55	21.42	21.50		
20	100	0		21.66	21.53	21.51		
20	1	0	64-QAM	21.79	21.85	21.64	18.32	0.0679
20	1	49		21.74	21.75	21.68		
20	1	99		21.53	21.57	21.36		
20	50	0		20.62	20.63	20.53		
20	50	24		20.66	20.55	20.52		
20	50	50		20.64	20.52	20.50		
20	100	0		20.79	20.61	20.52		
20	1	0	256-QAM	18.96	18.78	18.70	15.43	0.0349
20	1	49		18.81	18.65	18.50		
20	1	99		18.54	18.62	18.45		
20	50	0		18.68	18.66	18.50		
20	50	24		18.72	18.52	18.54		
20	50	50		18.64	18.49	18.57		
20	100	0		18.71	18.54	18.48		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.19	23.49	23.43	19.96	0.0991
15	1	37		23.15	23.38	23.21		
15	1	74		23.03	23.31	23.13		
15	36	0		22.28	22.45	22.39		
15	36	20		22.38	22.42	22.36		
15	36	39		22.34	22.34	22.33		
15	75	0		22.45	22.49	22.36		
15	1	0	16-QAM	22.74	22.58	22.80	19.27	0.0845
15	1	37		22.78	22.69	22.63		
15	1	74		22.46	22.42	22.43		
15	36	0		21.43	21.55	21.40		
15	36	20		21.54	21.39	21.39		
15	36	39		21.40	21.29	21.37		
15	75	0		21.54	21.39	21.40		
15	1	0	64-QAM	21.69	21.70	21.52	18.17	0.0656
15	1	37		21.60	21.61	21.54		
15	1	74		21.43	21.46	21.21		
15	36	0		20.49	20.52	20.40		
15	36	20		20.52	20.44	20.37		
15	36	39		20.53	20.40	20.35		
15	75	0		20.65	20.47	20.42		
15	1	0	256-QAM	18.83	18.65	18.57	15.30	0.0339
15	1	37		18.69	18.50	18.36		
15	1	74		18.40	18.48	18.34		
15	36	0		18.53	18.51	18.35		
15	36	20		18.60	18.42	18.43		
15	36	39		18.52	18.37	18.42		
15	75	0		18.60	18.41	18.38		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.17	23.49	23.42	19.96	0.0991
10	1	25		23.17	23.37	23.21		
10	1	49		23.02	23.33	23.13		
10	25	0		22.28	22.46	22.39		
10	25	12		22.36	22.42	22.38		
10	25	25		22.37	22.33	22.37		
10	50	0		22.47	22.46	22.36		
10	1	0	16-QAM	22.79	22.59	22.80	19.27	0.0845
10	1	25		22.79	22.69	22.60		
10	1	49		22.45	22.41	22.41		
10	25	0		21.40	21.54	21.35		
10	25	12		21.55	21.36	21.36		
10	25	25		21.41	21.27	21.39		
10	50	0		21.53	21.41	21.38		
10	1	0	64-QAM	21.64	21.73	21.53	18.20	0.0661
10	1	25		21.62	21.60	21.56		
10	1	49		21.39	21.45	21.25		
10	25	0		20.47	20.52	20.42		
10	25	12		20.54	20.43	20.40		
10	25	25		20.53	20.37	20.36		
10	50	0		20.68	20.47	20.37		
10	1	0	256-QAM	18.86	18.63	18.56	15.33	0.0341
10	1	25		18.69	18.51	18.38		
10	1	49		18.43	18.50	18.32		
10	25	0		18.58	18.53	18.37		
10	25	12		18.57	18.41	18.42		
10	25	25		18.49	18.38	18.42		
10	50	0		18.61	18.40	18.36		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.38 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.18	23.50	23.40	19.97	0.0993
5	1	12		23.15	23.35	23.19		
5	1	24		23.03	23.33	23.14		
5	12	0		22.27	22.49	22.37		
5	12	7		22.34	22.41	22.36		
5	12	13		22.35	22.36	22.37		
5	25	0		22.44	22.48	22.39		
5	1	0	16-QAM	22.78	22.58	22.82	19.29	0.0849
5	1	12		22.74	22.68	22.64		
5	1	24		22.44	22.40	22.46		
5	12	0		21.41	21.51	21.40		
5	12	7		21.57	21.41	21.38		
5	12	13		21.43	21.28	21.40		
5	25	0		21.53	21.38	21.41		
5	1	0	64-QAM	21.68	21.70	21.51	18.17	0.0656
5	1	12		21.62	21.63	21.57		
5	1	24		21.40	21.43	21.21		
5	12	0		20.51	20.52	20.41		
5	12	7		20.53	20.44	20.38		
5	12	13		20.50	20.38	20.36		
5	25	0		20.65	20.50	20.40		
5	1	0	256-QAM	18.81	18.68	18.58	15.28	0.0337
5	1	12		18.67	18.53	18.38		
5	1	24		18.41	18.52	18.31		
5	12	0		18.58	18.51	18.36		
5	12	7		18.60	18.38	18.40		
5	12	13		18.49	18.37	18.43		
5	25	0		18.60	18.43	18.37		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.85	-	21.70	0.1479
10	1	25			23.79			
10	1	49			23.64			
10	25	0			22.88			
10	25	12			22.82			
10	25	25			22.78			
10	50	0			22.77			
10	1	0	16-QAM		23.21		21.06	0.1276
10	1	25			23.10			
10	1	49			23.02			
10	25	0			21.86			
10	25	12			21.84			
10	25	25			21.79			
10	50	0			21.79			
10	1	0	64-QAM		22.10		19.95	0.0989
10	1	25			21.95			
10	1	49			21.88			
10	25	0			20.92			
10	25	12			20.88			
10	25	25			20.81			
10	50	0			20.87			
10	1	0	256-QAM		18.90		16.88	0.0488
10	1	25			19.03			
10	1	49			18.74			
10	25	0			18.88			
10	25	12			18.87			
10	25	25			18.76			
10	50	0			18.79			
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.47	23.71	23.51	21.56	0.1432
5	1	12		23.50	23.66	23.46		
5	1	24		23.39	23.52	23.48		
5	12	0		22.47	22.73	22.56		
5	12	7		22.56	22.69	22.45		
5	12	13		22.45	22.67	22.40		
5	25	0		22.55	22.67	22.46		
5	1	0	16-QAM	22.80	23.07	22.76	20.92	0.1236
5	1	12		22.71	22.99	22.85		
5	1	24		22.75	22.88	22.86		
5	12	0		21.44	21.71	21.55		
5	12	7		21.60	21.69	21.56		
5	12	13		21.48	21.66	21.43		
5	25	0		21.48	21.65	21.61		
5	1	0	64-QAM	21.60	21.97	21.53	19.82	0.0959
5	1	12		21.80	21.82	21.66		
5	1	24		21.56	21.74	21.69		
5	12	0		20.52	20.79	20.58		
5	12	7		20.56	20.76	20.49		
5	12	13		20.48	20.70	20.49		
5	25	0		20.52	20.75	20.63		
5	1	0	256-QAM	18.50	18.76	18.48	16.75	0.0473
5	1	12		18.55	18.90	18.56		
5	1	24		18.57	18.59	18.75		
5	12	0		18.47	18.78	18.56		
5	12	7		18.52	18.74	18.58		
5	12	13		18.47	18.64	18.47		
5	25	0		18.54	18.67	18.47		
Limit	ERP < 3W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.23	-	-	21.38	0.1374
15	1	37		23.49	-	-		
15	1	74		23.54	-	-		
15	36	0		22.39	-	-		
15	36	20		22.53	-	-		
15	36	39		22.62	-	-		
15	75	0		22.45	-	-		
15	1	0	16-QAM	22.62	-	-	20.61	0.1151
15	1	37		22.77	-	-		
15	1	74		22.72	-	-		
15	36	0		21.44	-	-		
15	36	20		21.45	-	-		
15	36	39		21.65	-	-		
15	75	0		21.43	-	-		
15	1	0	64-QAM	21.62	-	-	19.69	0.0931
15	1	37		21.85	-	-		
15	1	74		21.85	-	-		
15	36	0		20.44	-	-		
15	36	20		20.55	-	-		
15	36	39		20.64	-	-		
15	75	0		20.49	-	-		
15	1	0	256-QAM	18.52	-	-	16.49	0.0446
15	1	37		18.65	-	-		
15	1	74		18.65	-	-		
15	36	0		18.41	-	-		
15	36	20		18.37	-	-		
15	36	39		18.49	-	-		
15	75	0		18.57	-	-		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.37	-	21.30	0.1349
10	1	25		-	23.46	-		
10	1	49		-	23.32	-		
10	25	0		-	22.45	-		
10	25	12		-	22.41	-		
10	25	25		-	22.37	-		
10	50	0		-	22.26	-		
10	1	0	16-QAM	-	22.69	-	20.59	0.1146
10	1	25		-	22.75	-		
10	1	49		-	22.59	-		
10	25	0		-	21.55	-		
10	25	12		-	21.35	-		
10	25	25		-	21.27	-		
10	50	0		-	21.26	-		
10	1	0	64-QAM	-	21.67	-	19.51	0.0893
10	1	25		-	21.64	-		
10	1	49		-	21.60	-		
10	25	0		-	20.49	-		
10	25	12		-	20.33	-		
10	25	25		-	20.24	-		
10	50	0		-	20.54	-		
10	1	0	256-QAM	-	18.51	-	16.46	0.0443
10	1	25		-	18.52	-		
10	1	49		-	18.62	-		
10	25	0		-	18.50	-		
10	25	12		-	18.42	-		
10	25	25		-	18.34	-		
10	50	0		-	18.33	-		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.15	23.31	23.47	21.31	0.1352
5	1	12		23.46	23.32	23.46		
5	1	24		23.38	23.37	23.41		
5	12	0		22.37	22.54	22.53		
5	12	7		22.34	22.34	22.46		
5	12	13		22.47	22.21	22.50		
5	25	0		22.43	22.45	22.50		
5	1	0	16-QAM	22.44	22.89	22.52	20.73	0.1183
5	1	12		22.57	22.71	22.85		
5	1	24		22.63	22.68	22.78		
5	12	0		21.39	21.44	21.40		
5	12	7		21.41	21.31	21.46		
5	12	13		21.57	21.26	21.37		
5	25	0		21.25	21.26	21.38		
5	1	0	64-QAM	21.46	21.68	21.42	19.60	0.0912
5	1	12		21.76	21.49	21.64		
5	1	24		21.60	21.60	21.73		
5	12	0		20.18	20.33	20.49		
5	12	7		20.45	20.40	20.50		
5	12	13		20.42	20.37	20.52		
5	25	0		20.36	20.51	20.64		
5	1	0	256-QAM	18.36	18.43	18.46	16.58	0.0455
5	1	12		18.40	18.63	18.74		
5	1	24		18.41	18.63	18.56		
5	12	0		18.29	18.47	18.39		
5	12	7		18.27	18.49	18.63		
5	12	13		18.42	18.32	18.47		
5	25	0		18.33	18.33	18.46		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.23	23.32	23.39	21.32	0.1355
3	1	8		23.36	23.33	23.48		
3	1	14		23.41	23.35	23.36		
3	8	0		22.29	22.56	22.54		
3	8	4		22.35	22.35	22.48		
3	8	7		22.48	22.36	22.56		
3	15	0		22.25	22.34	22.56		
3	1	0	16-QAM	22.47	22.81	22.52	20.65	0.1161
3	1	8		22.65	22.72	22.81		
3	1	14		22.60	22.56	22.61		
3	8	0		21.32	21.51	21.42		
3	8	4		21.23	21.47	21.48		
3	8	7		21.49	21.38	21.37		
3	15	0		21.40	21.29	21.55		
3	1	0	64-QAM	21.49	21.67	21.42	19.60	0.0912
3	1	8		21.68	21.62	21.69		
3	1	14		21.56	21.56	21.76		
3	8	0		20.23	20.33	20.48		
3	8	4		20.50	20.46	20.64		
3	8	7		20.47	20.40	20.48		
3	15	0		20.40	20.45	20.56		
3	1	0	256-QAM	18.23	18.52	18.31	16.47	0.0444
3	1	8		18.55	18.50	18.63		
3	1	14		18.49	18.50	18.58		
3	8	0		18.22	18.36	18.48		
3	8	4		18.34	18.53	18.61		
3	8	7		18.52	18.18	18.42		
3	15	0		18.42	18.39	18.40		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	20.29	23.21	23.32	21.41	0.1384
1.4	1	3		20.37	23.42	23.41		
1.4	1	5		20.29	23.37	23.26		
1.4	3	0		23.27	23.35	23.21		
1.4	3	1		23.23	23.26	23.50		
1.4	3	3		23.17	23.31	23.57		
1.4	6	0		22.09	22.24	22.48		
1.4	1	0	16-QAM	22.58	22.46	22.75	20.81	0.1205
1.4	1	3		22.51	22.60	22.97		
1.4	1	5		22.56	22.54	22.69		
1.4	3	0		22.43	22.37	22.47		
1.4	3	1		22.28	22.43	22.67		
1.4	3	3		22.50	22.46	22.61		
1.4	6	0		21.38	21.46	21.55		
1.4	1	0	64-QAM	21.43	21.40	21.51	19.56	0.0904
1.4	1	3		21.39	21.64	21.72		
1.4	1	5		21.33	21.56	21.58		
1.4	3	0		21.40	21.52	21.51		
1.4	3	1		21.40	21.46	21.57		
1.4	3	3		21.40	21.52	21.64		
1.4	6	0		20.35	20.40	20.54		
1.4	1	0	256-QAM	18.30	18.54	18.61	16.45	0.0442
1.4	1	3		18.35	18.56	18.38		
1.4	1	5		18.38	18.50	18.61		
1.4	3	0		18.37	18.34	18.55		
1.4	3	1		18.23	18.37	18.58		
1.4	3	3		18.34	18.56	18.40		
1.4	6	0		18.23	18.24	18.37		
Limit	Power < 100W			Result			Pass	

LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.47	20.15	20.07	20.16	0.1038
20	1	49		20.39	20.19	20.12		
20	1	99		20.37	20.01	20.14		
20	50	0		19.52	19.14	19.07		
20	50	24		19.50	19.22	19.10		
20	50	50		19.51	19.18	19.23		
20	100	0		19.53	19.19	19.09		
20	1	0	16-QAM	19.35	19.19	19.14	19.04	0.0802
20	1	49		19.35	19.12	19.17		
20	1	99		19.26	19.06	19.18		
20	50	0		18.52	18.17	18.08		
20	50	24		18.51	18.21	18.08		
20	50	50		18.51	18.18	18.20		
20	100	0		18.47	18.21	18.12		
20	1	0	64-QAM	18.39	18.03	18.01	18.09	0.0644
20	1	49		18.40	18.08	18.09		
20	1	99		18.40	18.03	18.16		
20	50	0		17.55	17.23	17.16		
20	50	24		17.59	17.32	17.19		
20	50	50		17.58	17.29	17.27		
20	100	0		17.60	17.32	17.19		
20	1	0	256-QAM	15.50	15.19	15.13	15.19	0.0330
20	1	49		15.45	15.24	15.18		
20	1	99		15.44	15.23	15.17		
20	50	0		15.41	15.20	15.14		
20	50	24		15.38	15.17	15.11		
20	50	50		15.36	15.15	15.09		
20	100	0		15.35	15.14	15.08		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.45	20.17	20.11	20.14	0.1033
15	1	37		20.45	20.19	20.15		
15	1	74		20.42	20.01	20.14		
15	36	0		19.58	19.15	19.10		
15	36	20		19.55	19.27	19.14		
15	36	39		19.58	19.23	19.25		
15	75	0		19.59	19.24	19.12		
15	1	0	16-QAM	19.42	19.22	19.17	19.11	0.0815
15	1	37		19.42	19.16	19.22		
15	1	74		19.31	19.10	19.20		
15	36	0		18.58	18.20	18.11		
15	36	20		18.57	18.25	18.13		
15	36	39		18.58	18.18	18.21		
15	75	0		18.53	18.21	18.14		
15	1	0	64-QAM	18.45	18.06	18.03	18.16	0.0655
15	1	37		18.46	18.11	18.10		
15	1	74		18.47	18.07	18.19		
15	36	0		17.60	17.26	17.19		
15	36	20		17.65	17.34	17.24		
15	36	39		17.65	17.29	17.27		
15	75	0		17.65	17.37	17.22		
15	1	0	256-QAM	15.57	15.19	15.14	15.26	0.0336
15	1	37		15.52	15.29	15.20		
15	1	74		15.49	15.26	15.17		
15	36	0		15.48	15.20	15.18		
15	36	20		15.45	15.22	15.11		
15	36	39		15.43	15.18	15.13		
15	75	0		15.41	15.16	15.09		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.45	20.17	20.10	20.15	0.1035
10	1	25		20.46	20.22	20.15		
10	1	49		20.44	20.01	20.17		
10	25	0		19.58	19.17	19.09		
10	25	12		19.57	19.24	19.14		
10	25	25		19.57	19.21	19.28		
10	50	0		19.60	19.19	19.12		
10	1	0	16-QAM	19.40	19.22	19.15	19.11	0.0815
10	1	25		19.42	19.12	19.21		
10	1	49		19.31	19.07	19.23		
10	25	0		18.59	18.18	18.10		
10	25	12		18.57	18.26	18.11		
10	25	25		18.58	18.18	18.22		
10	50	0		18.54	18.23	18.16		
10	1	0	64-QAM	18.46	18.03	18.05	18.15	0.0653
10	1	25		18.45	18.09	18.09		
10	1	49		18.46	18.03	18.18		
10	25	0		17.62	17.24	17.20		
10	25	12		17.64	17.35	17.23		
10	25	25		17.63	17.33	17.32		
10	50	0		17.66	17.34	17.19		
10	1	0	256-QAM	15.56	15.24	15.16	15.25	0.0335
10	1	25		15.50	15.25	15.21		
10	1	49		15.51	15.26	15.18		
10	25	0		15.46	15.24	15.18		
10	25	12		15.45	15.18	15.14		
10	25	25		15.42	15.18	15.09		
10	50	0		15.40	15.14	15.13		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42 Maximum Average Power [dBm] (GT - LC = -0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.44	20.19	20.09	20.14	0.1033
5	1	12		20.45	20.24	20.16		
5	1	24		20.43	20.01	20.19		
5	12	0		19.57	19.15	19.10		
5	12	7		19.56	19.26	19.15		
5	12	13		19.57	19.21	19.27		
5	25	0		19.60	19.23	19.13		
5	1	0	16-QAM	19.41	19.22	19.16	19.10	0.0813
5	1	12		19.41	19.17	19.18		
5	1	24		19.31	19.09	19.20		
5	12	0		18.59	18.20	18.12		
5	12	7		18.56	18.25	18.09		
5	12	13		18.57	18.22	18.23		
5	25	0		18.54	18.24	18.17		
5	1	0	64-QAM	18.44	18.06	18.03	18.16	0.0655
5	1	12		18.47	18.12	18.14		
5	1	24		18.47	18.04	18.21		
5	12	0		17.60	17.28	17.20		
5	12	7		17.64	17.36	17.24		
5	12	13		17.64	17.30	17.30		
5	25	0		17.67	17.36	17.19		
5	1	0	256-QAM	15.55	15.21	15.15	15.24	0.0334
5	1	12		15.51	15.28	15.23		
5	1	24		15.49	15.26	15.19		
5	12	0		15.46	15.25	15.15		
5	12	7		15.43	15.20	15.13		
5	12	13		15.41	15.16	15.09		
5	25	0		15.42	15.15	15.08		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	20.31	20.39	20.09	19.95	0.0989
20	1	49		20.35	20.35	20.17		
20	1	99		20.38	20.31	20.21		
20	50	0		19.35	19.47	19.14		
20	50	24		19.45	19.39	19.17		
20	50	50		19.44	19.46	19.25		
20	100	0		19.42	19.43	19.24		
20	1	0	16-QAM	19.33	19.39	19.10	18.98	0.0791
20	1	49		19.42	19.38	19.27		
20	1	99		19.40	19.34	19.10		
20	50	0		18.33	18.37	18.14		
20	50	24		18.43	18.37	18.14		
20	50	50		18.46	18.46	18.24		
20	100	0		18.46	18.37	18.19		
20	1	0	64-QAM	18.17	18.25	18.01	17.87	0.0612
20	1	49		18.29	18.31	18.08		
20	1	99		18.30	18.26	18.11		
20	50	0		17.34	17.35	17.12		
20	50	24		17.42	17.41	17.15		
20	50	50		17.47	17.42	17.22		
20	100	0		17.44	17.35	17.22		
20	1	0	256-QAM	15.26	15.36	15.05	15.05	0.0320
20	1	49		15.32	15.40	15.19		
20	1	99		15.40	15.42	15.23		
20	50	0		15.37	15.40	15.16		
20	50	24		15.45	15.42	15.14		
20	50	50		15.49	15.48	15.25		
20	100	0		15.47	15.39	15.22		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	20.26	20.38	20.07	19.94	0.0986
15	1	37		20.34	20.32	20.15		
15	1	74		20.37	20.29	20.20		
15	36	0		19.35	19.47	19.13		
15	36	20		19.42	19.36	19.12		
15	36	39		19.43	19.42	19.25		
15	75	0		19.40	19.39	19.20		
15	1	0	16-QAM	19.29	19.34	19.06	18.95	0.0785
15	1	37		19.39	19.38	19.23		
15	1	74		19.35	19.32	19.10		
15	36	0		18.33	18.34	18.11		
15	36	20		18.41	18.34	18.14		
15	36	39		18.44	18.42	18.21		
15	75	0		18.42	18.35	18.18		
15	1	0	64-QAM	18.12	18.22	18.02	17.87	0.0612
15	1	37		18.29	18.31	18.06		
15	1	74		18.29	18.24	18.07		
15	36	0		17.31	17.32	17.12		
15	36	20		17.42	17.37	17.15		
15	36	39		17.46	17.37	17.19		
15	75	0		17.41	17.31	17.18		
15	1	0	256-QAM	15.22	15.35	15.04	15.02	0.0318
15	1	37		15.27	15.35	15.16		
15	1	74		15.38	15.41	15.18		
15	36	0		15.36	15.40	15.16		
15	36	20		15.41	15.41	15.09		
15	36	39		15.45	15.46	15.23		
15	75	0		15.46	15.37	15.21		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.28	20.37	20.09	19.93	0.0984
10	1	25		20.32	20.31	20.12		
10	1	49		20.36	20.31	20.18		
10	25	0		19.34	19.47	19.14		
10	25	12		19.44	19.36	19.15		
10	25	25		19.42	19.43	19.22		
10	50	0		19.39	19.38	19.21		
10	1	0	16-QAM	19.32	19.37	19.05	18.95	0.0785
10	1	25		19.39	19.37	19.26		
10	1	49		19.38	19.33	19.06		
10	25	0		18.29	18.35	18.09		
10	25	12		18.40	18.37	18.11		
10	25	25		18.45	18.43	18.21		
10	50	0		18.42	18.34	18.19		
10	1	0	64-QAM	18.15	18.20	18.03	17.86	0.0611
10	1	25		18.25	18.26	18.07		
10	1	49		18.30	18.26	18.08		
10	25	0		17.32	17.32	17.10		
10	25	12		17.39	17.36	17.14		
10	25	25		17.44	17.39	17.21		
10	50	0		17.39	17.31	17.22		
10	1	0	256-QAM	15.22	15.34	15.03	15.05	0.0320
10	1	25		15.30	15.40	15.18		
10	1	49		15.37	15.41	15.23		
10	25	0		15.32	15.38	15.13		
10	25	12		15.43	15.40	15.09		
10	25	25		15.49	15.43	15.25		
10	50	0		15.42	15.39	15.17		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = -0.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.30	20.37	20.08	19.93	0.0984
5	1	12		20.31	20.33	20.17		
5	1	24		20.35	20.26	20.18		
5	12	0		19.30	19.45	19.12		
5	12	7		19.43	19.39	19.14		
5	12	13		19.42	19.43	19.25		
5	25	0		19.40	19.41	19.20		
5	1	0	16-QAM	19.31	19.37	19.05	18.95	0.0785
5	1	12		19.39	19.37	19.26		
5	1	24		19.38	19.32	19.06		
5	12	0		18.32	18.34	18.14		
5	12	7		18.40	18.32	18.13		
5	12	13		18.42	18.42	18.23		
5	25	0		18.45	18.33	18.14		
5	1	0	64-QAM	18.14	18.21	18.02	17.85	0.0610
5	1	12		18.29	18.26	18.05		
5	1	24		18.28	18.24	18.08		
5	12	0		17.34	17.30	17.10		
5	12	7		17.37	17.37	17.15		
5	12	13		17.45	17.41	17.18		
5	25	0		17.44	17.31	17.20		
5	1	0	256-QAM	15.22	15.31	15.04	15.03	0.0318
5	1	12		15.29	15.38	15.19		
5	1	24		15.37	15.41	15.19		
5	12	0		15.36	15.40	15.13		
5	12	7		15.44	15.37	15.09		
5	12	13		15.47	15.44	15.24		
5	25	0		15.46	15.37	15.22		
Limit	EIRP < 1W			Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 0.83 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.66	23.56	23.75	24.58	0.2871
20+20	1	99	1	0	16-QAM	23.09	23.13	23.11	23.96	0.2489
20+15	1	74	1	0	QPSK	23.66	23.73	23.58	24.56	0.2858
20+15	1	74	1	0	16-QAM	23.23	23.12	23.21	24.06	0.2547
15+20	1	74	1	0	QPSK	23.61	23.62	23.65	24.48	0.2805
15+20	1	74	1	0	16-QAM	23.32	23.05	23.15	24.15	0.2600
20+10	1	99	1	0	QPSK	23.65	23.62	23.49	24.48	0.2805
20+10	1	99	1	0	16-QAM	23.13	22.89	23.06	23.96	0.2489
10+20	1	49	1	0	QPSK	23.86	23.75	23.58	24.69	0.2944
10+20	1	49	1	0	16-QAM	23.07	23.15	22.98	23.98	0.2500
20+5	1	99	1	0	QPSK	23.76	23.62	23.58	24.59	0.2877
20+5	1	99	1	0	16-QAM	23.18	23.08	23.05	24.01	0.2518
5+20	1	24	1	0	QPSK	23.79	23.59	23.55	24.62	0.2897
5+20	1	24	1	0	16-QAM	23.01	23.05	23.07	23.90	0.2455
15+10	1	74	1	0	QPSK	23.68	23.82	23.62	24.65	0.2917
15+10	1	74	1	0	16-QAM	23.16	23.14	23.09	23.99	0.2506
10+15	1	49	1	0	QPSK	23.67	23.75	23.65	24.58	0.2871
10+15	1	49	1	0	16-QAM	23.07	23.05	23.09	23.92	0.2466
15+15	1	74	1	0	QPSK	23.78	23.56	23.74	24.61	0.2891
15+15	1	74	1	0	16-QAM	23.03	23.15	23.07	23.98	0.2500
Limit	EIRP < 2W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -0.35 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	24.75	24.65	24.57	22.25	0.1679
10+10	1	49	1	0	16-QAM	24.11	24.08	24.12	21.62	0.1452
10+5	1	49	1	0	QPSK	24.82	24.85	24.48	22.35	0.1718
10+5	1	49	1	0	16-QAM	24.03	24.15	24.12	21.65	0.1462
5+10	1	24	1	0	QPSK	24.76	24.77	24.84	22.34	0.1714
5+10	1	24	1	0	16-QAM	24.21	24.10	24.25	21.75	0.1496
5+3	1	24	1	0	QPSK	24.75	24.95	24.81	22.45	0.1758
5+3	1	24	1	0	16-QAM	24.52	24.80	24.73	22.30	0.1698
3+5	1	14	1	0	QPSK	24.86	24.93	25.03	22.53	0.1791
3+5	1	14	1	0	16-QAM	24.82	24.74	24.98	22.48	0.1770
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	1	49	1	0	QPSK	23.82	23.89	23.83	25.17	0.3289
10+10	1	49	1	0	16-QAM	23.12	23.17	23.14	24.45	0.2786
15+5	1	74	1	0	QPSK	23.78	23.83	23.66	25.11	0.3243
15+5	1	74	1	0	16-QAM	23.12	23.22	23.23	24.51	0.2825
5+15	1	24	1	0	QPSK	23.87	23.97	23.99	25.27	0.3365
5+15	1	24	1	0	16-QAM	23.22	23.27	23.22	24.55	0.2851
10+5	1	49	1	0	QPSK	23.77	23.76	23.83	25.11	0.3243
10+5	1	49	1	0	16-QAM	23.09	23.12	23.10	24.40	0.2754
5+10	1	24	1	0	QPSK	23.95	24.01	23.89	25.29	0.3381
5+10	1	24	1	0	16-QAM	23.26	23.21	23.19	24.54	0.2844
5+5	1	24	1	0	QPSK	23.85	24.01	23.97	25.29	0.3381
5+5	1	24	1	0	16-QAM	23.27	23.21	23.27	24.55	0.2851
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.28 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.69	23.91	23.81	25.19	0.3304
20+20	1	99	1	0	16-QAM	23.14	23.21	23.16	24.49	0.2812
20+15	1	74	1	0	QPSK	23.65	23.89	23.82	25.17	0.3289
20+15	1	74	1	0	16-QAM	23.15	23.14	23.19	24.47	0.2799
15+20	1	74	1	0	QPSK	23.69	23.75	23.74	25.03	0.3184
15+20	1	74	1	0	16-QAM	22.98	23.15	23.23	24.51	0.2825
20+10	1	99	1	0	QPSK	23.68	23.84	23.89	25.17	0.3289
20+10	1	99	1	0	16-QAM	23.14	23.31	23.21	24.59	0.2877
10+20	1	49	1	0	QPSK	23.62	23.84	23.73	25.12	0.3251
10+20	1	49	1	0	16-QAM	23.11	23.12	23.17	24.45	0.2786
20+5	1	99	1	0	QPSK	23.88	23.81	23.73	25.16	0.3281
20+5	1	99	1	0	16-QAM	23.25	23.27	23.21	24.55	0.2851
15+10	1	74	1	0	QPSK	23.67	23.74	23.79	25.07	0.3214
15+10	1	74	1	0	16-QAM	23.07	23.11	23.21	24.49	0.2812
10+15	1	49	1	0	QPSK	23.62	23.78	23.81	25.09	0.3228
10+15	1	49	1	0	16-QAM	23.11	23.14	23.19	24.47	0.2799
15+15	1	74	1	0	QPSK	23.61	23.81	23.83	25.11	0.3243
15+15	1	74	1	0	16-QAM	23.01	23.17	23.19	24.47	0.2799
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.77 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.81	23.91	23.78	25.68	0.3698
20+20	1	99	1	0	16-QAM	23.16	23.17	23.13	24.94	0.3119
20+15	1	99	1	0	QPSK	24.03	24.12	24.10	25.89	0.3882
20+15	1	99	1	0	16-QAM	23.58	23.68	23.55	25.45	0.3508
15+20	1	74	1	0	QPSK	24.02	24.07	23.97	25.84	0.3837
15+20	1	74	1	0	16-QAM	23.51	23.62	23.42	25.39	0.3459
20+10	1	99	1	0	QPSK	23.77	23.82	24.05	25.82	0.3819
20+10	1	99	1	0	16-QAM	23.35	23.35	23.45	25.22	0.3327
10+20	1	74	1	0	QPSK	23.92	24.02	24.18	25.95	0.3936
10+20	1	74	1	0	16-QAM	23.65	23.55	23.48	25.42	0.3483
15+15	1	74	1	0	QPSK	24.25	23.98	23.75	26.02	0.3999
15+15	1	74	1	0	16-QAM	23.50	23.35	23.23	25.27	0.3365
15+10	1	74	1	0	QPSK	24.01	24.00	24.10	25.87	0.3864
15+10	1	74	1	0	16-QAM	23.42	23.63	23.56	25.40	0.3467
Limit	EIRP < 2W					Result			Pass	

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	23.95	23.83	23.81	25.95	0.3936
20+20	1	99	1	0	16-QAM	23.45	23.49	23.51	25.51	0.3556
15+15	1	74	1	0	QPSK	23.89	23.87	23.79	25.89	0.3882
15+15	1	74	1	0	16-QAM	23.56	23.47	23.49	25.56	0.3597
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA (HPUE) Maximum Average Power [dBm] (GT - LC = 1.83 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	25.38	25.47	25.24	27.30	0.5370
20+20	1	99	1	0	16-QAM	24.75	24.72	24.55	26.58	0.4550
20+15	1	99	1	0	QPSK	25.41	25.53	25.24	27.36	0.5445
20+15	1	99	1	0	16-QAM	24.67	24.58	24.51	26.50	0.4467
15+20	1	74	1	0	QPSK	25.45	25.59	25.23	27.42	0.5521
15+20	1	74	1	0	16-QAM	24.67	24.65	23.82	26.50	0.4467
20+10	1	99	1	0	QPSK	25.41	25.51	25.26	27.34	0.5420
20+10	1	99	1	0	16-QAM	24.82	24.63	24.71	26.65	0.4624
10+20	1	49	1	0	QPSK	25.51	25.64	25.27	27.47	0.5585
10+20	1	49	1	0	16-QAM	24.89	24.62	24.51	26.72	0.4699
20+5	1	99	1	0	QPSK	25.52	25.51	25.31	27.35	0.5433
20+5	1	99	1	0	16-QAM	24.61	24.78	24.52	26.61	0.4581
5+20	1	24	1	0	QPSK	25.57	25.54	25.41	27.40	0.5495
5+20	1	24	1	0	16-QAM	24.86	24.65	24.47	26.69	0.4667
15+10	1	74	1	0	QPSK	25.48	25.54	25.24	27.37	0.5458
15+10	1	74	1	0	16-QAM	24.68	24.62	24.49	26.51	0.4477
10+15	1	49	1	0	QPSK	25.41	25.55	25.27	27.38	0.5470
10+15	1	49	1	0	16-QAM	24.84	24.68	24.65	26.67	0.4645
15+15	1	74	1	0	QPSK	25.41	25.50	25.28	27.33	0.5408
15+15	1	74	1	0	16-QAM	24.73	24.68	24.41	26.56	0.4529
Limit	EIRP < 2W					Result			Pass	

LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = -0.31 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	20.40	20.37	20.33	20.09	0.1021
20+20	1	99	1	0	16-QAM	19.96	19.88	19.84	19.65	0.0923
20+15	1	74	1	0	QPSK	20.41	20.41	20.28	20.10	0.1023
20+15	1	74	1	0	16-QAM	20.03	20.04	19.91	19.73	0.0940
15+20	1	74	1	0	QPSK	20.44	20.38	20.35	20.13	0.1030
15+20	1	74	1	0	16-QAM	20.01	19.99	19.92	19.70	0.0933
20+10	1	99	1	0	QPSK	20.44	20.43	20.21	20.13	0.1030
20+10	1	99	1	0	16-QAM	20.01	19.98	19.85	19.70	0.0933
10+20	1	49	1	0	QPSK	20.48	20.44	20.38	20.17	0.1040
10+20	1	49	1	0	16-QAM	20.11	20.11	20.01	19.80	0.0955
20+5	1	99	1	0	QPSK	20.41	20.52	20.29	20.21	0.1050
20+5	1	99	1	0	16-QAM	20.05	20.03	19.88	19.74	0.0942
5+20	1	24	1	0	QPSK	20.56	20.52	20.42	20.25	0.1059
5+20	1	24	1	0	16-QAM	20.11	20.10	19.98	19.80	0.0955
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = -0.31 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	1	99	1	0	QPSK	20.26	20.12	20.20	19.95	0.0989
20+20	1	99	1	0	16-QAM	19.85	19.78	19.75	19.54	0.0899
20+15	1	74	1	0	QPSK	20.19	20.12	20.25	19.94	0.0986
20+15	1	74	1	0	16-QAM	19.84	19.71	19.80	19.53	0.0897
15+20	1	74	1	0	QPSK	20.21	20.20	20.18	19.90	0.0977
15+20	1	74	1	0	16-QAM	19.84	19.85	19.84	19.54	0.0899
20+10	1	99	1	0	QPSK	20.12	20.26	20.27	19.96	0.0991
20+10	1	99	1	0	16-QAM	19.78	19.75	19.90	19.59	0.0910
10+20	1	49	1	0	QPSK	20.29	20.25	20.28	19.98	0.0995
10+20	1	49	1	0	16-QAM	19.89	19.82	19.87	19.58	0.0908
20+5	1	99	1	0	QPSK	20.26	20.15	20.25	19.95	0.0989
20+5	1	99	1	0	16-QAM	19.92	19.71	19.93	19.62	0.0916
5+20	1	24	1	0	QPSK	20.35	20.29	20.29	20.04	0.1009
5+20	1	24	1	0	16-QAM	19.92	19.93	19.40	19.62	0.0916
Limit	EIRP < 1W					Result			Pass	

——————THE END——————