



FCC RADIO TEST REPORT

FCC ID : GKRRMMG1
Equipment : 5G Module
Brand Name : COMPAL
Model Name : RMM-G1
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu
District, Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27,
Part 90(R), Part 90(S)

The product was received on Apr. 02, 2024 and testing was performed from Apr. 17, 2024 to Jun. 18, 2024. 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 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval 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
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG432920-02B	01	Initial issue of report	Jul. 05, 2024
FG432920-02B	02	Revise Section 1.1, Section 2.1 and List of Measuring Equipment This report is an updated version, replacing the report issued on Jul. 05, 2024.	Jul. 12, 2024
FG432920-02B	03	Revise Section 1.1 This report is an updated version, replacing the report issued on Jul. 12, 2024.	Jul. 12, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§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)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
3.6	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	-
	§2.1051 §90.691	Emission masks (Band 26)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§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)	Pass	-
	§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)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.691	Frequency Stability Temperature & Voltage	Pass	-
4.2	§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)	Pass	13.47 dB under the limit at 6930.00 MHz
	§2.1053 §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)		

Conformity Assessment Condition:

1. 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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

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: Keven Cheng**Report Producer: Michelle Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE/5G NR, and GNSS.

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B5B, B7C, B38C, B41C, B66B, B66C
Evaluated and Tested band	B5, B7, B12, B13, B14, B25, B26, B30, B38, B41, B66, B71, B5B, B7C, B41C, B66B, B66C
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B25 cover B2 (Part 24) ■ B66 cover B4 (Part 27) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27)

TDD band Power Class		
	PC3	PC2
B2	V	
B4	V	
B5/ B5B	V	
B7 /B7C	V	
B12	V	
B13	V	
B14	V	
B17	V	
B25	V	
B26	V	
B30	V	
B38/ B38C	V	
B41/ B41C	V	V
B66/ B66B/ B66C	V	
B71	V	

Antenna information			
	Band	Model Name	Antenna Type
LTE	2	4	Monopole
	4	4	Monopole
	5	3	Monopole
	7	7	PIFA
	12	3	PIFA
	13	2	Monopole
	14	2	Monopole
	17	3	PIFA
	25	4	Monopole
	26	3	Monopole
	30	6	Monopole
	38	7	PIFA
	41	7	Monopole
	66	4	Monopole
	71	3	PIFA

Remark: For Radiated spurious emissions, tests were performed using high-gain antennas in Monopole and PIFA antennas. The above EUT's information was declared by manufacturer.

RF Exposure							
Max Antenna Gain information(dBi)							
Band	Ant0	Ant2					Main Ant. #
B2	8	8					0
B4	5						0
B5	6						0
B7	8	8					0
B12	5.5						0
B13	5.5						0
B14	5.5						0
B17	5.5						0
B25	8						0
B26	6						0
B30	1	1					0
B38	5.5						0
B41	5.5						0
B66	5	5					0
B71	5						0

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Diego Huang
Temperature (°C)	22.1~23.6
Relative Humidity (%)	50.2~55.8

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH16-HY (TAF Code: 3786)
Test Engineer	Bill Chang, Gary Guo and Steven Wu
Temperature (°C)	19.1~22.3
Relative Humidity (%)	62.5~68.3
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ 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
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

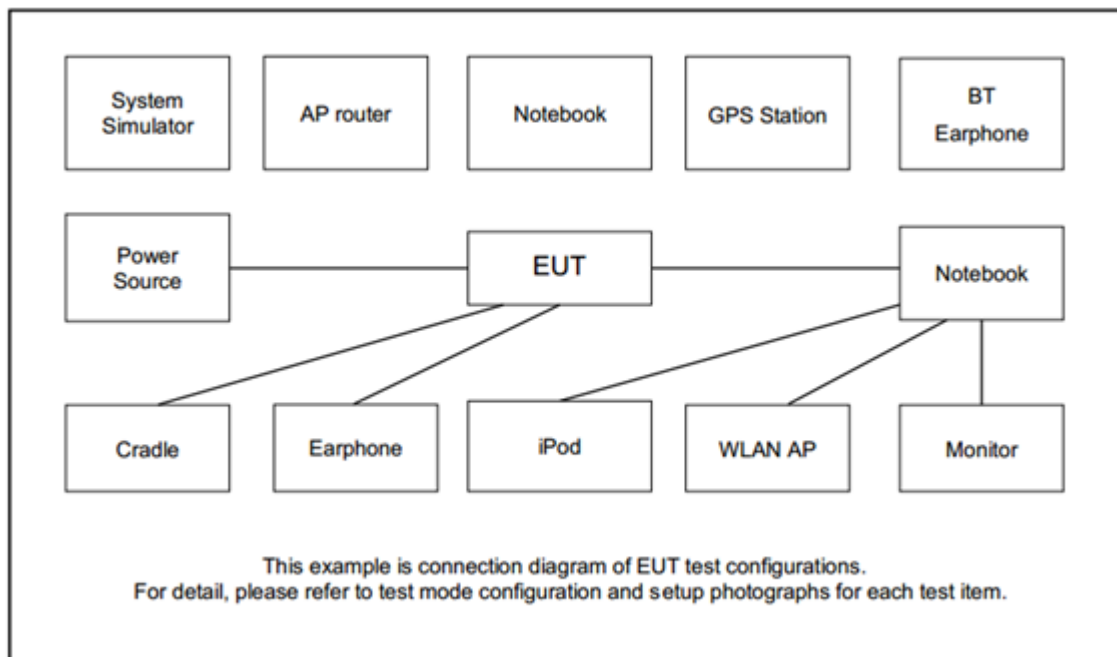
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	Max	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	All	1RB Full	L, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	M
RSE	A	Max	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. One representative bandwidth is selected to perform PAR and frequency stability.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	Fixture	Compal	ZM16	N/A	N/A	N/A
3.	Adapter	FRECOM	F24L3-120200SPAU	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

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



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5
LTE Band 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 (Part22H)				
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
15	Channel	26765	-	-
	Frequency	821.5	-	-
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	-
15	Channel	-	26790	-
	Frequency	-	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 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	133272	133422
	Frequency	668.0	678	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
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 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					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

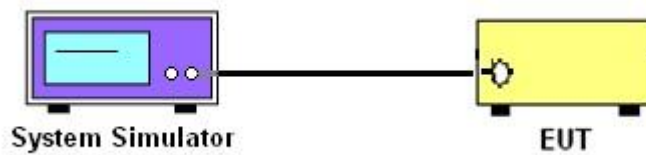
3 Conducted Test Items

3.1 Measuring Instruments

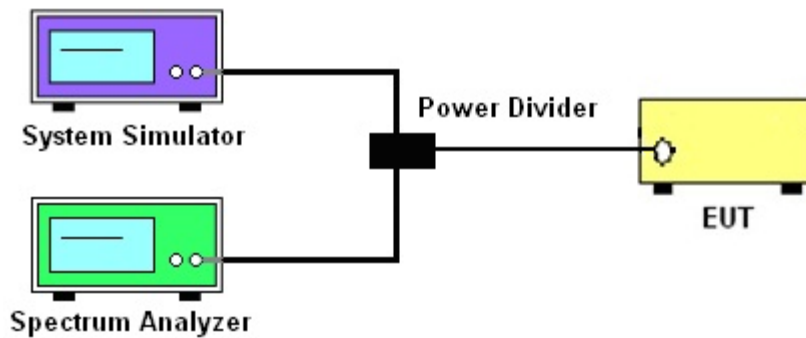
See list of measuring instruments of this test report.

3.1.1 Test Setup

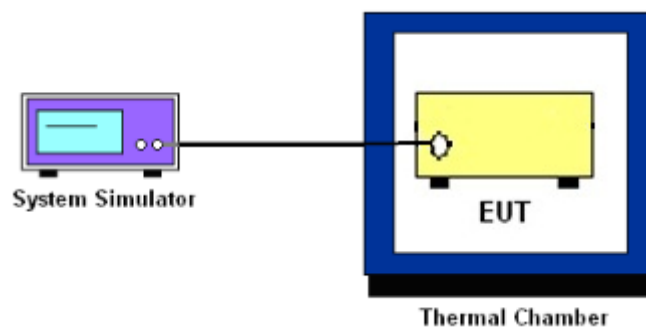
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

The conducted 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

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.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

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

27.53 (h)

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

27.53(m)(4)

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

27.53 (a)(4)

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz.
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

90.543(e)

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

Transmitters designed must meet the emission mask comply with the emission mask provisions of FCC Part 90.210(n).

For LTE Band 26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.



3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The power of the modulated signal was measured on a spectrum analyzer using an RMS and 10 second sweep time in order to maximize the level.
3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

For LTE Band 26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

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

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 30

The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

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

22.355

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

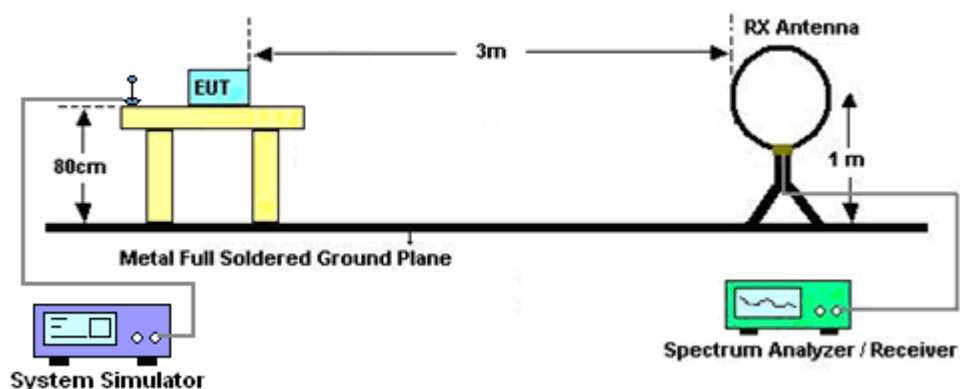
4 Radiated Test Items

4.1 Measuring Instruments

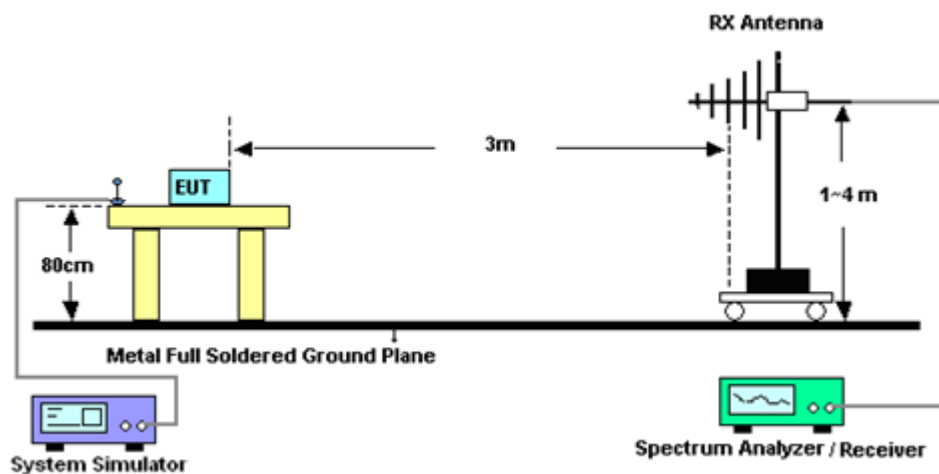
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4.1.1 Test Setup

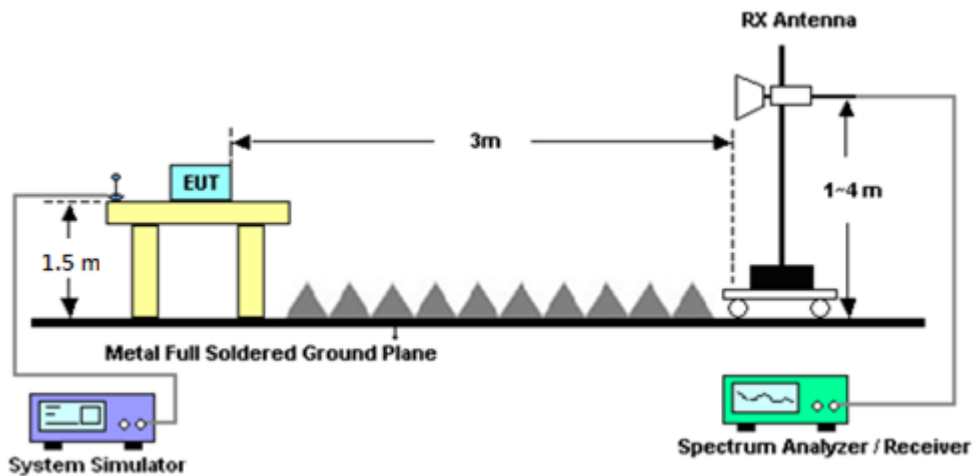
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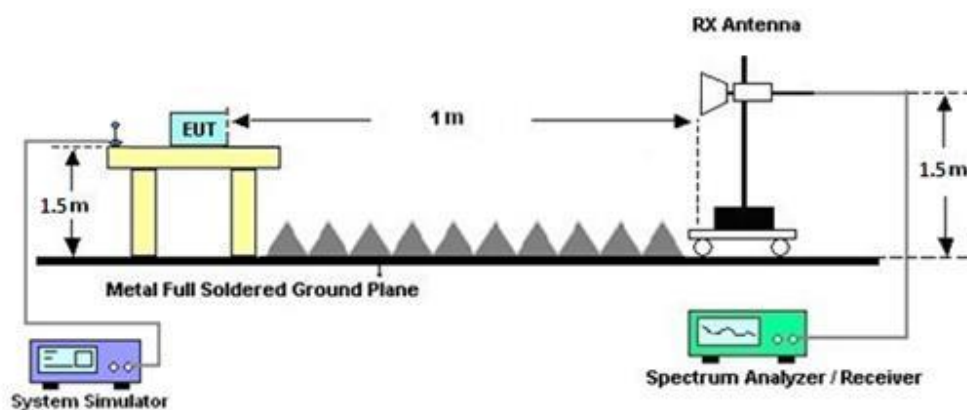
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

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

For LTE Band 13

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

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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



4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
7. $EIRP(dBm) = Level(dBuV/m) + 20\log(d) - 104.77$, where d is the distance at which field strength limit is specified in the rules
8. $Field\ Strength\ Level(dBm) = Spectrum\ Reading(dBm) + Antenna\ Factor + Cable\ Loss + Read\ Level - Preamplifier\ Factor$.
9. $ERP(dBm) = EIRP(dBm) - 2.15$
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	Apr. 17, 2024~ Jun. 06, 2024	Oct. 02, 2024	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 04, 2023	Apr. 17, 2024~ Jun. 06, 2024	Sep. 03, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 28, 2023	Apr. 17, 2024~ Jun. 06, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler+10dB+ RFCable	Warison+WoK en	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+SFL 405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Apr. 17, 2024~ Jun. 06, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 14, 2023	Apr. 17, 2024~ Jun. 06, 2024	Jul. 13, 2024	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Apr. 17, 2024~ Jun. 06, 2024	N/A	Conducted (TH03-HY)
Splitter	Anritsu	K241C	2143398	DC~40GHz	Jun. 13, 2023	Apr. 17, 2024~ Jun. 11, 2024	Jun. 12, 2024	Conducted (TH03-HY)
Splitter	Anritsu	K241C	2143398	DC~40GHz	Jun. 13, 2024	Jun. 13, 2024~ Jul. 06, 2024	Jun. 12, 2025	Conducted (TH03-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	May 08, 2024~ Jun. 18, 2024	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz-40GHz	Nov. 24, 2023	May 08, 2024~ Jun. 18, 2024	Nov. 23, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	May 08, 2024~ Jun. 18, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 28, 2024	May 08, 2024~ Jun. 18, 2024	Mar. 27, 2025	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	May 08, 2024~ Jun. 18, 2024	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	May 08, 2024~ Jun. 18, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	May 08, 2024~ Jun. 18, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060872	18GHz~40GHz	Sep. 06, 2023	May 08, 2024~ Jun. 18, 2024	Sep. 05, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530 -8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	May 08, 2024~ Jun. 18, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-900-100 0-15000-60SS	SN11	1GHz High Pass Filter	Mar. 13, 2024	May 08, 2024~ Jun. 18, 2024	Mar. 12, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-30 00-18000-60ST	SN3	3GHz High Pass Filter	Jun. 29, 2023	May 08, 2024~ Jun. 18, 2024	Jun. 28, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6 750-18000-40ST	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	May 08, 2024~ Jun. 18, 2024	Nov. 12, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	May 08, 2024~ Jun. 18, 2024	Mar. 05, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-57 57,805935/4,8 02434/4	30MHz~18GHz	Aug. 08, 2023	May 08, 2024~ Jun. 18, 2024	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40GHz	Jan. 02, 2024	May 08, 2024~ Jun. 18, 2024	Jan. 01, 2025	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	May 08, 2024~ Jun. 18, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	May 08, 2024~ Jun. 18, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 08, 2024~ Jun. 18, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 08, 2024~ Jun. 18, 2024	N/A	Radiation (03CH16-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.09 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.55 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.02 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.76	24.74	24.68	32.76	1.8880
20	1	49		24.69	24.70	24.67		
20	1	99		24.60	24.59	24.70		
20	50	0		23.75	23.70	23.74		
20	50	24		23.72	23.68	23.74		
20	50	50		23.71	23.69	23.64		
20	100	0		23.71	23.67	23.66		
20	1	0	16-QAM	23.89	23.90	23.84	31.98	1.5776
20	1	49		23.95	23.98	23.95		
20	1	99		23.84	23.83	23.91		
20	50	0		22.89	22.85	22.90		
20	50	24		22.86	22.88	22.91		
20	50	50		22.85	22.88	22.79		
20	100	0		22.86	22.80	22.86		
20	1	0	64-QAM	22.96	22.98	22.90	31.00	1.2589
20	1	49		22.98	22.09	22.97		
20	1	99		22.93	22.91	23.00		
20	50	0		21.86	21.85	21.87		
20	50	24		21.84	21.85	21.90		
20	50	50		21.81	21.81	21.75		
20	100	0		21.80	21.82	21.82		
20	1	0	256-QAM	19.97	19.98	19.92	27.99	0.6295
20	1	49		19.97	19.99	19.83		
20	1	99		19.86	19.90	19.82		
20	50	0		19.78	19.89	19.75		
20	50	24		19.89	19.91	19.75		
20	50	50		19.78	19.89	19.82		
20	100	0		19.78	19.85	19.74		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.51	24.52	24.52	32.62	1.8281
15	1	37		24.57	24.61	24.61		
15	1	74		24.52	24.47	24.62		
15	36	0		23.55	23.54	23.53		
15	36	20		23.53	23.53	23.55		
15	36	39		23.49	23.52	23.51		
15	75	0		23.55	23.54	23.57		
15	1	0	16-QAM	23.78	23.78	23.77	31.85	1.5311
15	1	37		23.81	23.82	23.85		
15	1	74		23.76	23.74	23.81		
15	36	0		22.72	22.73	22.72		
15	36	20		22.69	22.69	22.71		
15	36	39		22.73	22.72	22.69		
15	75	0		22.72	22.72	22.70		
15	1	0	64-QAM	22.84	22.86	22.85	30.91	1.2331
15	1	37		22.87	22.91	22.89		
15	1	74		22.85	22.80	22.87		
15	36	0		21.73	21.73	21.72		
15	36	20		21.69	21.69	21.74		
15	36	39		21.68	21.68	21.65		
15	75	0		21.69	21.69	21.67		
15	1	0	256-QAM	19.97	19.88	19.87	27.97	0.6266
15	1	37		19.93	19.95	19.85		
15	1	74		19.79	19.83	19.75		
15	36	0		19.71	19.75	19.76		
15	36	20		19.87	19.86	19.72		
15	36	39		19.78	19.75	19.71		
15	75	0		19.67	19.75	19.66		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.56	24.58	24.59	32.66	1.8450
10	1	25		24.52	24.57	24.59		
10	1	49		24.52	24.50	24.66		
10	25	0		23.57	23.53	23.63		
10	25	12		23.53	23.55	23.57		
10	25	25		23.49	23.52	23.49		
10	50	0		23.56	23.58	23.58		
10	1	0	16-QAM	23.81	23.85	23.85	31.86	1.5346
10	1	25		23.77	23.83	23.79		
10	1	49		23.76	23.77	23.86		
10	25	0		22.76	22.70	22.78		
10	25	12		22.70	22.70	22.73		
10	25	25		22.65	22.74	22.67		
10	50	0		22.68	22.70	22.73		
10	1	0	64-QAM	22.86	22.89	22.88	30.91	1.2331
10	1	25		22.84	22.86	22.84		
10	1	49		22.81	22.81	22.91		
10	25	0		21.73	21.70	21.78		
10	25	12		21.69	21.68	21.71		
10	25	25		21.63	21.67	21.66		
10	50	0		21.67	21.68	21.74		
10	1	0	256-QAM	19.92	19.98	19.89	27.98	0.6281
10	1	25		19.83	19.85	19.88		
10	1	49		19.80	19.80	19.73		
10	25	0		19.80	19.82	19.71		
10	25	12		19.78	19.89	19.69		
10	25	25		19.73	19.81	19.83		
10	50	0		19.74	19.72	19.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.59	24.64	24.58	32.68	1.8535
5	1	12		24.58	24.61	24.64		
5	1	24		24.60	24.56	24.68		
5	12	0		23.54	23.57	23.63		
5	12	7		23.55	23.56	23.60		
5	12	13		23.51	23.53	23.55		
5	25	0		23.55	23.58	23.60		
5	1	0	16-QAM	23.84	23.89	23.82	31.89	1.5453
5	1	12		23.81	23.84	23.84		
5	1	24		23.84	23.81	23.86		
5	12	0		22.73	22.73	22.78		
5	12	7		22.69	22.71	22.72		
5	12	13		22.65	22.66	22.70		
5	25	0		22.71	22.76	22.76		
5	1	0	64-QAM	22.87	22.95	22.87	30.95	1.2445
5	1	12		22.87	22.91	22.90		
5	1	24		22.89	22.84	22.90		
5	12	0		21.73	21.76	21.79		
5	12	7		21.72	21.73	21.75		
5	12	13		21.67	21.70	21.71		
5	25	0		21.70	21.74	21.72		
5	1	0	256-QAM	19.91	19.88	19.92	27.92	0.6194
5	1	12		19.80	19.89	19.79		
5	1	24		19.79	19.80	19.82		
5	12	0		19.80	19.81	19.70		
5	12	7		19.82	19.81	19.76		
5	12	13		19.76	19.86	19.72		
5	25	0		19.70	19.80	19.67		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.51	24.55	24.55	32.60	1.8197
3	1	8		24.47	24.51	24.57		
3	1	14		24.47	24.49	24.60		
3	8	0		23.48	23.51	23.58		
3	8	4		23.50	23.49	23.56		
3	8	7		23.46	23.51	23.58		
3	15	0		23.50	23.52	23.56		
3	1	0	16-QAM	23.75	23.82	23.76	31.82	1.5205
3	1	8		23.73	23.80	23.79		
3	1	14		23.74	23.75	23.81		
3	8	0		22.73	22.75	22.80		
3	8	4		22.74	22.72	22.78		
3	8	7		22.72	22.75	22.78		
3	15	0		22.70	22.75	22.75		
3	1	0	64-QAM	22.84	22.87	22.83	30.87	1.2218
3	1	8		22.80	22.85	22.86		
3	1	14		22.80	22.83	22.87		
3	8	0		21.68	21.71	21.74		
3	8	4		21.70	21.68	21.72		
3	8	7		21.69	21.70	21.74		
3	15	0		21.65	21.68	21.70		
3	1	0	256-QAM	19.91	19.95	19.88	27.95	0.6237
3	1	8		19.81	19.91	19.81		
3	1	14		19.86	19.83	19.82		
3	8	0		19.75	19.78	19.72		
3	8	4		19.78	19.75	19.77		
3	8	7		19.84	19.76	19.77		
3	15	0		19.75	19.77	19.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.56	24.58	24.61	32.70	1.8621
1.4	1	3		24.55	24.57	24.66		
1.4	1	5		24.56	24.56	24.64		
1.4	3	0		24.59	24.56	24.66		
1.4	3	1		24.59	24.55	24.67		
1.4	3	3		24.58	24.55	24.70		
1.4	6	0		23.58	23.54	23.64		
1.4	1	0	16-QAM	23.81	23.84	23.85	31.86	1.5346
1.4	1	3		23.82	23.83	23.86		
1.4	1	5		23.81	23.83	23.86		
1.4	3	0		23.60	23.56	23.64		
1.4	3	1		23.60	23.56	23.65		
1.4	3	3		23.56	23.54	23.65		
1.4	6	0		22.80	22.79	22.86		
1.4	1	0	64-QAM	22.87	22.90	22.89	30.91	1.2331
1.4	1	3		22.85	22.90	22.91		
1.4	1	5		22.88	22.87	22.87		
1.4	3	0		22.83	22.82	22.88		
1.4	3	1		22.84	22.81	22.87		
1.4	3	3		22.81	22.82	22.89		
1.4	6	0		21.68	21.66	21.72		
1.4	1	0	256-QAM	19.89	19.94	19.86	27.94	0.6223
1.4	1	3		19.93	19.86	19.86		
1.4	1	5		19.82	19.87	19.70		
1.4	3	0		19.80	19.76	19.76		
1.4	3	1		19.85	19.85	19.71		
1.4	3	3		19.71	19.78	19.68		
1.4	6	0		19.64	19.79	19.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.77	24.80	24.68	32.80	1.9055
20	1	49		24.70	24.71	24.67		
20	1	99		24.60	24.56	24.73		
20	50	0		23.70	23.74	23.70		
20	50	24		23.68	23.64	23.69		
20	50	50		23.67	23.61	23.52		
20	100	0		23.68	23.72	23.60		
20	1	0	16-QAM	23.82	23.82	23.73	31.88	1.5417
20	1	49		23.88	23.80	23.83		
20	1	99		23.79	23.74	23.84		
20	50	0		22.84	22.76	22.87		
20	50	24		22.85	22.78	22.81		
20	50	50		22.84	22.77	22.67		
20	100	0		22.82	22.72	22.72		
20	1	0	64-QAM	22.88	22.87	22.78	30.93	1.2388
20	1	49		22.91	22.87	22.88		
20	1	99		22.86	22.80	22.93		
20	50	0		21.81	21.79	21.81		
20	50	24		21.79	21.82	21.80		
20	50	50		21.82	21.80	21.63		
20	100	0		21.81	21.73	21.71		
20	1	0	256-QAM	19.95	20.00	19.91	28.00	0.6310
20	1	49		19.88	19.98	19.80		
20	1	99		19.86	19.95	19.81		
20	50	0		19.75	19.88	19.77		
20	50	24		19.88	19.95	19.83		
20	50	50		19.87	19.92	19.78		
20	100	0		19.80	19.89	19.75		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.62	24.58	24.57	32.71	1.8664
15	1	37		24.67	24.63	24.63		
15	1	74		24.60	24.55	24.71		
15	36	0		23.61	23.57	23.62		
15	36	20		23.59	23.57	23.57		
15	36	39		23.57	23.56	23.59		
15	75	0		23.59	23.55	23.62		
15	1	0	16-QAM	23.78	23.78	23.75	31.84	1.5276
15	1	37		23.83	23.80	23.80		
15	1	74		23.78	23.70	23.84		
15	36	0		22.80	22.76	22.80		
15	36	20		22.80	22.74	22.75		
15	36	39		22.73	22.74	22.78		
15	75	0		22.76	22.75	22.79		
15	1	0	64-QAM	22.85	22.85	22.85	30.92	1.2359
15	1	37		22.91	22.89	22.86		
15	1	74		22.84	22.81	22.92		
15	36	0		21.77	21.78	21.80		
15	36	20		21.76	21.74	21.75		
15	36	39		21.71	21.77	21.74		
15	75	0		21.74	21.72	21.76		
15	1	0	256-QAM	19.92	19.97	19.82	27.97	0.6266
15	1	37		19.74	19.83	19.76		
15	1	74		19.84	19.84	19.67		
15	36	0		19.70	19.74	19.64		
15	36	20		19.86	19.92	19.74		
15	36	39		19.82	19.79	19.73		
15	75	0		19.74	19.85	19.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.61	24.63	24.60	32.70	1.8621
10	1	25		24.58	24.57	24.66		
10	1	49		24.57	24.55	24.70		
10	25	0		23.56	23.55	23.68		
10	25	12		23.55	23.54	23.64		
10	25	25		23.53	23.55	23.61		
10	50	0		23.55	23.58	23.67		
10	1	0	16-QAM	23.82	23.84	23.79	31.84	1.5276
10	1	25		23.74	23.74	23.78		
10	1	49		23.79	23.75	23.82		
10	25	0		22.75	22.75	22.84		
10	25	12		22.72	22.73	22.81		
10	25	25		22.72	22.75	22.76		
10	50	0		22.72	22.72	22.81		
10	1	0	64-QAM	22.85	22.90	22.84	30.90	1.2303
10	1	25		22.85	22.82	22.85		
10	1	49		22.84	22.79	22.90		
10	25	0		21.73	21.73	21.82		
10	25	12		21.69	21.73	21.72		
10	25	25		21.68	21.73	21.73		
10	50	0		21.70	21.73	21.76		
10	1	0	256-QAM	19.85	19.95	19.83	27.95	0.6237
10	1	25		19.92	19.87	19.73		
10	1	49		19.81	19.75	19.73		
10	25	0		19.77	19.81	19.69		
10	25	12		19.77	19.83	19.69		
10	25	25		19.78	19.88	19.71		
10	50	0		19.76	19.82	19.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.60	24.64	24.69	32.76	1.8880
5	1	12		24.60	24.61	24.76		
5	1	24		24.57	24.61	24.71		
5	12	0		23.56	23.59	23.72		
5	12	7		23.54	23.54	23.68		
5	12	13		23.50	23.53	23.63		
5	25	0		23.54	23.56	23.68		
5	1	0	16-QAM	23.78	23.79	23.80	31.83	1.5241
5	1	12		23.80	23.76	23.83		
5	1	24		23.74	23.76	23.80		
5	12	0		22.70	22.74	22.87		
5	12	7		22.70	22.69	22.83		
5	12	13		22.65	22.70	22.78		
5	25	0		22.72	22.76	22.83		
5	1	0	64-QAM	22.86	22.89	22.91	30.96	1.2474
5	1	12		22.86	22.86	22.96		
5	1	24		22.81	22.86	22.91		
5	12	0		21.74	21.78	21.87		
5	12	7		21.71	21.72	21.82		
5	12	13		21.69	21.72	21.79		
5	25	0		21.71	21.73	21.79		
5	1	0	256-QAM	19.91	19.95	19.83	27.95	0.6237
5	1	12		19.89	19.88	19.86		
5	1	24		19.82	19.91	19.79		
5	12	0		19.83	19.77	19.73		
5	12	7		19.85	19.76	19.70		
5	12	13		19.79	19.87	19.77		
5	25	0		19.68	19.75	19.74		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.60	24.60	24.71	32.74	1.8793
3	1	8		24.55	24.62	24.74		
3	1	14		24.58	24.60	24.68		
3	8	0		23.55	23.56	23.69		
3	8	4		23.56	23.54	23.71		
3	8	7		23.54	23.52	23.64		
3	15	0		23.55	23.54	23.65		
3	1	0	16-QAM	23.78	23.77	23.81	31.85	1.5311
3	1	8		23.73	23.81	23.85		
3	1	14		23.75	23.77	23.78		
3	8	0		22.79	22.80	22.94		
3	8	4		22.81	22.79	22.94		
3	8	7		22.78	22.77	22.88		
3	15	0		22.75	22.75	22.87		
3	1	0	64-QAM	22.86	22.86	22.93	30.97	1.2503
3	1	8		22.83	22.90	22.97		
3	1	14		22.88	22.90	22.93		
3	8	0		21.75	21.77	21.86		
3	8	4		21.75	21.75	21.88		
3	8	7		21.75	21.74	21.81		
3	15	0		21.72	21.72	21.80		
3	1	0	256-QAM	19.85	19.97	19.87	27.97	0.6266
3	1	8		19.84	19.83	19.81		
3	1	14		19.85	19.83	19.79		
3	8	0		19.70	19.78	19.70		
3	8	4		19.82	19.88	19.70		
3	8	7		19.77	19.77	19.70		
3	15	0		19.82	19.86	19.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.61	24.58	24.71	32.73	1.8750
1.4	1	3		24.60	24.58	24.64		
1.4	1	5		24.61	24.63	24.64		
1.4	3	0		24.64	24.60	24.73		
1.4	3	1		24.64	24.59	24.68		
1.4	3	3		24.63	24.60	24.68		
1.4	6	0		23.63	23.58	23.68		
1.4	1	0	16-QAM	23.82	23.77	23.87	31.87	1.5382
1.4	1	3		23.80	23.79	23.82		
1.4	1	5		23.82	23.83	23.80		
1.4	3	0		23.63	23.61	23.76		
1.4	3	1		23.65	23.60	23.73		
1.4	3	3		23.60	23.60	23.70		
1.4	6	0		22.84	22.81	22.90		
1.4	1	0	64-QAM	22.90	22.87	22.99	30.99	1.2560
1.4	1	3		22.85	22.85	22.93		
1.4	1	5		22.86	22.91	22.92		
1.4	3	0		22.88	22.85	22.96		
1.4	3	1		22.87	22.84	22.93		
1.4	3	3		22.85	22.84	22.92		
1.4	6	0		21.74	21.70	21.77		
1.4	1	0	256-QAM	19.90	19.96	19.91	27.96	0.6252
1.4	1	3		19.85	19.87	19.84		
1.4	1	5		19.83	19.77	19.70		
1.4	3	0		19.78	19.75	19.66		
1.4	3	1		19.78	19.91	19.75		
1.4	3	3		19.77	19.78	19.83		
1.4	6	0		19.71	19.80	19.78		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.70	24.61	24.64	29.70	0.9333
20	1	49		24.65	24.60	24.60		
20	1	99		24.48	24.41	24.41		
20	50	0		23.66	23.59	23.56		
20	50	24		23.60	23.58	23.58		
20	50	50		23.55	23.51	23.51		
20	100	0		23.59	23.54	23.55		
20	1	0	16-QAM	23.83	23.73	23.77	28.85	0.7674
20	1	49		23.85	23.80	23.80		
20	1	99		23.67	23.60	23.63		
20	50	0		22.83	22.75	22.74		
20	50	24		22.79	22.76	22.70		
20	50	50		22.73	22.73	22.69		
20	100	0		22.74	22.67	22.69		
20	1	0	64-QAM	22.87	22.82	22.85	27.91	0.6180
20	1	49		22.91	22.87	22.91		
20	1	99		22.77	22.70	22.70		
20	50	0		21.77	21.75	21.71		
20	50	24		21.77	21.70	21.67		
20	50	50		21.67	21.70	21.65		
20	100	0		21.71	21.66	21.68		
20	1	0	256-QAM	19.87	19.77	19.82	24.95	0.3126
20	1	49		19.95	19.77	19.86		
20	1	99		19.81	19.71	19.74		
20	50	0		19.87	19.69	19.73		
20	50	24		19.86	19.66	19.75		
20	50	50		19.83	19.72	19.76		
20	100	0		19.82	19.62	19.77		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.58	24.48	24.48	29.59	0.9099
15	1	37		24.58	24.56	24.59		
15	1	74		24.43	24.47	24.41		
15	36	0		23.59	23.47	23.52		
15	36	20		23.54	23.51	23.48		
15	36	39		23.50	23.44	23.52		
15	75	0		23.59	23.52	23.52		
15	1	0	16-QAM	23.79	23.70	23.69	28.80	0.7586
15	1	37		23.80	23.80	23.78		
15	1	74		23.66	23.70	23.61		
15	36	0		22.74	22.69	22.71		
15	36	20		22.70	22.70	22.70		
15	36	39		22.70	22.69	22.66		
15	75	0		22.73	22.70	22.67		
15	1	0	64-QAM	22.89	22.82	22.82	27.89	0.6152
15	1	37		22.86	22.87	22.88		
15	1	74		22.75	22.78	22.73		
15	36	0		21.77	21.67	21.71		
15	36	20		21.70	21.66	21.70		
15	36	39		21.67	21.68	21.69		
15	75	0		21.71	21.68	21.66		
15	1	0	256-QAM	19.87	19.74	19.80	24.87	0.3069
15	1	37		19.87	19.75	19.79		
15	1	74		19.71	19.68	19.62		
15	36	0		19.85	19.63	19.70		
15	36	20		19.69	19.76	19.67		
15	36	39		19.73	19.68	19.72		
15	75	0		19.75	19.59	19.65		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.63	24.55	24.59	29.63	0.9183
10	1	25		24.57	24.56	24.52		
10	1	49		24.59	24.55	24.49		
10	25	0		23.59	23.54	23.53		
10	25	12		23.55	23.51	23.50		
10	25	25		23.52	23.47	23.49		
10	50	0		23.59	23.53	23.52		
10	1	0	16-QAM	23.84	23.76	23.81	28.84	0.7656
10	1	25		23.76	23.74	23.76		
10	1	49		23.79	23.73	23.70		
10	25	0		22.79	22.76	22.72		
10	25	12		22.79	22.68	22.70		
10	25	25		22.72	22.65	22.67		
10	50	0		22.73	22.66	22.67		
10	1	0	64-QAM	22.91	22.84	22.87	27.91	0.6180
10	1	25		22.86	22.82	22.83		
10	1	49		22.86	22.81	22.76		
10	25	0		21.77	21.71	21.69		
10	25	12		21.77	21.69	21.65		
10	25	25		21.68	21.63	21.68		
10	50	0		21.73	21.69	21.67		
10	1	0	256-QAM	19.84	19.72	19.75	24.90	0.3090
10	1	25		19.90	19.68	19.82		
10	1	49		19.69	19.55	19.70		
10	25	0		19.75	19.73	19.65		
10	25	12		19.72	19.72	19.71		
10	25	25		19.73	19.65	19.65		
10	50	0		19.74	19.66	19.67		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.65	24.59	24.58	29.65	0.9226
5	1	12		24.64	24.60	24.55		
5	1	24		24.63	24.60	24.52		
5	12	0		23.63	23.55	23.54		
5	12	7		23.59	23.50	23.49		
5	12	13		23.53	23.51	23.45		
5	25	0		23.59	23.54	23.51		
5	1	0	16-QAM	23.85	23.78	23.78	28.85	0.7674
5	1	12		23.84	23.78	23.72		
5	1	24		23.81	23.78	23.72		
5	12	0		22.80	22.71	22.70		
5	12	7		22.74	22.67	22.67		
5	12	13		22.70	22.67	22.61		
5	25	0		22.79	22.72	22.71		
5	1	0	64-QAM	22.93	22.88	22.85	27.93	0.6209
5	1	12		22.92	22.90	22.84		
5	1	24		22.91	22.85	22.78		
5	12	0		21.80	21.74	21.71		
5	12	7		21.78	21.70	21.66		
5	12	13		21.71	21.69	21.62		
5	25	0		21.74	21.71	21.66		
5	1	0	256-QAM	19.77	19.70	19.77	24.87	0.3069
5	1	12		19.78	19.77	19.87		
5	1	24		19.68	19.56	19.72		
5	12	0		19.80	19.69	19.80		
5	12	7		19.84	19.67	19.69		
5	12	13		19.77	19.66	19.71		
5	25	0		19.78	19.61	19.71		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.58	24.51	24.47	29.58	0.9078
3	1	8		24.54	24.50	24.45		
3	1	14		24.56	24.50	24.44		
3	8	0		23.58	23.50	23.45		
3	8	4		23.59	23.47	23.44		
3	8	7		23.58	23.46	23.42		
3	15	0		23.58	23.45	23.43		
3	1	0	16-QAM	23.80	23.73	23.68	28.80	0.7586
3	1	8		23.75	23.71	23.66		
3	1	14		23.77	23.73	23.63		
3	8	0		22.81	22.75	22.69		
3	8	4		22.82	22.71	22.68		
3	8	7		22.80	22.70	22.66		
3	15	0		22.75	22.67	22.66		
3	1	0	64-QAM	22.88	22.82	22.76	27.88	0.6138
3	1	8		22.85	22.81	22.75		
3	1	14		22.86	22.83	22.75		
3	8	0		21.77	21.70	21.66		
3	8	4		21.77	21.67	21.65		
3	8	7		21.78	21.65	21.63		
3	15	0		21.71	21.63	21.61		
3	1	0	256-QAM	19.79	19.76	19.78	24.86	0.3062
3	1	8		19.82	19.67	19.81		
3	1	14		19.70	19.66	19.71		
3	8	0		19.86	19.70	19.72		
3	8	4		19.77	19.56	19.66		
3	8	7		19.70	19.61	19.62		
3	15	0		19.82	19.58	19.72		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.59	24.53	24.48	29.64	0.9204
1.4	1	3		24.61	24.54	24.48		
1.4	1	5		24.61	24.54	24.46		
1.4	3	0		24.64	24.57	24.51		
1.4	3	1		24.63	24.57	24.51		
1.4	3	3		24.64	24.54	24.49		
1.4	6	0		23.62	23.54	23.48		
1.4	1	0	16-QAM	23.83	23.76	23.73	28.84	0.7656
1.4	1	3		23.84	23.77	23.71		
1.4	1	5		23.84	23.75	23.70		
1.4	3	0		23.63	23.57	23.50		
1.4	3	1		23.63	23.57	23.49		
1.4	3	3		23.62	23.53	23.49		
1.4	6	0		22.84	22.78	22.72		
1.4	1	0	64-QAM	22.90	22.85	22.80	27.91	0.6180
1.4	1	3		22.91	22.85	22.76		
1.4	1	5		22.89	22.84	22.78		
1.4	3	0		22.87	22.82	22.76		
1.4	3	1		22.85	22.81	22.76		
1.4	3	3		22.87	22.78	22.75		
1.4	6	0		21.71	21.67	21.61		
1.4	1	0	256-QAM	19.78	19.77	19.73	24.85	0.3055
1.4	1	3		19.85	19.69	19.77		
1.4	1	5		19.69	19.57	19.69		
1.4	3	0		19.85	19.63	19.79		
1.4	3	1		19.78	19.65	19.75		
1.4	3	3		19.70	19.67	19.60		
1.4	6	0		19.68	19.63	19.66		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.68	24.74	24.67	28.59	0.7228
10	1	25		24.64	24.62	24.55		
10	1	49		24.66	24.64	24.59		
10	25	0		23.59	23.57	23.55		
10	25	12		23.58	23.56	23.55		
10	25	25		23.59	23.56	23.52		
10	50	0		23.63	23.62	23.60		
10	1	0	16-QAM	23.79	23.84	23.75	27.72	0.5916
10	1	25		23.84	23.79	23.71		
10	1	49		23.87	23.79	23.68		
10	25	0		22.57	22.54	22.57		
10	25	12		22.58	22.58	22.57		
10	25	25		22.61	22.53	22.55		
10	50	0		22.58	22.57	22.56		
10	1	0	64-QAM	22.68	22.70	22.62	26.59	0.4560
10	1	25		22.73	22.69	22.60		
10	1	49		22.74	22.69	22.61		
10	25	0		21.58	21.54	21.53		
10	25	12		21.59	21.56	21.54		
10	25	25		21.60	21.52	21.51		
10	50	0		21.57	21.56	21.55		
10	1	0	256-QAM	19.91	19.89	19.90	23.82	0.2410
10	1	25		19.97	19.86	19.96		
10	1	49		19.94	19.92	19.91		
10	25	0		19.87	19.83	19.78		
10	25	12		19.86	19.75	19.75		
10	25	25		19.83	19.79	19.82		
10	50	0		19.84	19.79	19.73		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.65	24.64	24.59	28.52	0.7112
5	1	12		24.63	24.66	24.61		
5	1	24		24.67	24.63	24.63		
5	12	0		23.62	23.62	23.57		
5	12	7		23.60	23.59	23.52		
5	12	13		23.57	23.52	23.50		
5	25	0		23.60	23.57	23.50		
5	1	0	16-QAM	23.83	23.81	23.73	27.71	0.5902
5	1	12		23.81	23.81	23.72		
5	1	24		23.86	23.77	23.67		
5	12	0		22.60	22.59	22.54		
5	12	7		22.56	22.56	22.48		
5	12	13		22.53	22.51	22.47		
5	25	0		22.59	22.56	22.50		
5	1	0	64-QAM	22.73	22.74	22.65	26.61	0.4581
5	1	12		22.71	22.73	22.66		
5	1	24		22.76	22.68	22.65		
5	12	0		21.62	21.62	21.55		
5	12	7		21.58	21.59	21.49		
5	12	13		21.57	21.51	21.49		
5	25	0		21.57	21.53	21.47		
5	1	0	256-QAM	19.83	19.87	19.80	23.77	0.2382
5	1	12		19.85	19.83	19.80		
5	1	24		19.92	19.80	19.77		
5	12	0		19.77	19.76	19.75		
5	12	7		19.74	19.77	19.71		
5	12	13		19.69	19.70	19.71		
5	25	0		19.65	19.72	19.75		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.59	24.61	24.58	28.46	0.7015
3	1	8		24.61	24.57	24.56		
3	1	14		24.61	24.58	24.58		
3	8	0		23.57	23.54	23.55		
3	8	4		23.56	23.55	23.52		
3	8	7		23.56	23.54	23.49		
3	15	0		23.56	23.56	23.51		
3	1	0	16-QAM	23.78	23.78	23.72	27.67	0.5848
3	1	8		23.81	23.76	23.67		
3	1	14		23.82	23.74	23.63		
3	8	0		22.63	22.60	22.57		
3	8	4		22.61	22.61	22.57		
3	8	7		22.62	22.60	22.55		
3	15	0		22.59	22.59	22.54		
3	1	0	64-QAM	22.69	22.69	22.63	26.57	0.4539
3	1	8		22.72	22.67	22.61		
3	1	14		22.71	22.68	22.64		
3	8	0		21.58	21.56	21.54		
3	8	4		21.58	21.59	21.51		
3	8	7		21.57	21.57	21.51		
3	15	0		21.54	21.55	21.49		
3	1	0	256-QAM	19.89	19.87	19.89	23.77	0.2382
3	1	8		19.91	19.90	19.92		
3	1	14		19.79	19.85	19.82		
3	8	0		19.81	19.77	19.79		
3	8	4		19.84	19.83	19.76		
3	8	7		19.73	19.61	19.75		
3	15	0		19.76	19.65	19.74		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.62	24.60	24.51	28.49	0.7063
1.4	1	3		24.62	24.62	24.54		
1.4	1	5		24.64	24.58	24.54		
1.4	3	0		24.63	24.62	24.56		
1.4	3	1		24.61	24.62	24.58		
1.4	3	3		24.63	24.58	24.58		
1.4	6	0		23.62	23.63	23.59		
1.4	1	0	16-QAM	23.81	23.79	23.66	27.69	0.5875
1.4	1	3		23.84	23.81	23.69		
1.4	1	5		23.82	23.78	23.66		
1.4	3	0		23.63	23.63	23.60		
1.4	3	1		23.64	23.64	23.63		
1.4	3	3		23.62	23.58	23.62		
1.4	6	0		22.67	22.65	22.60		
1.4	1	0	64-QAM	22.73	22.71	22.65	26.60	0.4571
1.4	1	3		22.72	22.73	22.64		
1.4	1	5		22.75	22.71	22.61		
1.4	3	0		22.70	22.70	22.62		
1.4	3	1		22.70	22.70	22.65		
1.4	3	3		22.70	22.65	22.64		
1.4	6	0		21.58	21.56	21.50		
1.4	1	0	256-QAM	19.82	19.87	19.81	23.78	0.2388
1.4	1	3		19.93	19.83	19.79		
1.4	1	5		19.89	19.78	19.85		
1.4	3	0		19.81	19.73	19.74		
1.4	3	1		19.80	19.72	19.79		
1.4	3	3		19.78	19.67	19.72		
1.4	6	0		19.67	19.82	19.76		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.85	24.81	24.75	32.85	1.9275
20	1	49		24.72	24.70	24.67		
20	1	99		24.68	24.67	24.70		
20	50	0		23.80	23.78	23.79		
20	50	24		23.71	23.71	23.70		
20	50	50		23.72	23.77	23.67		
20	100	0		23.68	23.72	23.66		
20	1	0	16-QAM	23.80	23.68	23.75	31.97	1.5740
20	1	49		23.97	23.96	23.91		
20	1	99		23.93	23.95	23.91		
20	50	0		22.59	22.67	22.62		
20	50	24		22.67	22.69	22.66		
20	50	50		22.69	22.72	22.63		
20	100	0		22.62	22.69	22.61		
20	1	0	64-QAM	22.68	22.57	22.63	30.86	1.2190
20	1	49		22.86	22.80	22.77		
20	1	99		22.80	22.80	22.82		
20	50	0		21.57	21.67	21.55		
20	50	24		21.69	21.64	21.62		
20	50	50		21.65	21.68	21.61		
20	100	0		21.59	21.67	21.58		
20	1	0	256-QAM	19.81	19.75	19.77	27.84	0.6081
20	1	49		19.84	19.74	19.75		
20	1	99		19.80	19.64	19.66		
20	50	0		19.67	19.61	19.56		
20	50	24		19.76	19.68	19.70		
20	50	50		19.75	19.62	19.65		
20	100	0		19.72	19.58	19.65		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.53	24.51	24.47	32.72	1.8707
15	1	37		24.70	24.67	24.66		
15	1	74		24.65	24.67	24.72		
15	36	0		23.59	23.66	23.60		
15	36	20		23.67	23.66	23.66		
15	36	39		23.67	23.68	23.65		
15	75	0		23.65	23.66	23.64		
15	1	0	16-QAM	23.84	23.76	23.74	31.97	1.5740
15	1	37		23.97	23.92	23.91		
15	1	74		23.93	23.92	23.92		
15	36	0		22.56	22.65	22.59		
15	36	20		22.63	22.64	22.67		
15	36	39		22.67	22.64	22.66		
15	75	0		22.62	22.63	22.64		
15	1	0	64-QAM	22.69	22.64	22.62	30.85	1.2162
15	1	37		22.85	22.82	22.81		
15	1	74		22.79	22.76	22.84		
15	36	0		21.54	21.64	21.55		
15	36	20		21.65	21.64	21.63		
15	36	39		21.64	21.66	21.64		
15	75	0		21.60	21.59	21.61		
15	1	0	256-QAM	19.71	19.67	19.68	27.81	0.6039
15	1	37		19.81	19.67	19.73		
15	1	74		19.63	19.73	19.71		
15	36	0		19.59	19.52	19.59		
15	36	20		19.73	19.53	19.64		
15	36	39		19.57	19.59	19.68		
15	75	0		19.65	19.56	19.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.61	24.66	24.58	32.76	1.8880
10	1	25		24.68	24.69	24.65		
10	1	49		24.70	24.69	24.76		
10	25	0		23.56	23.68	23.66		
10	25	12		23.65	23.67	23.63		
10	25	25		23.67	23.67	23.70		
10	50	0		23.64	23.72	23.70		
10	1	0	16-QAM	23.91	23.88	23.84	31.97	1.5740
10	1	25		23.94	23.92	23.88		
10	1	49		23.97	23.96	23.96		
10	25	0		22.58	22.69	22.66		
10	25	12		22.66	22.68	22.68		
10	25	25		22.67	22.67	22.71		
10	50	0		22.60	22.70	22.68		
10	1	0	64-QAM	22.76	22.76	22.71	30.86	1.2190
10	1	25		22.81	22.80	22.76		
10	1	49		22.84	22.81	22.86		
10	25	0		21.54	21.66	21.63		
10	25	12		21.65	21.66	21.62		
10	25	25		21.64	21.63	21.66		
10	50	0		21.57	21.65	21.66		
10	1	0	256-QAM	19.81	19.73	19.67	27.81	0.6039
10	1	25		19.66	19.69	19.70		
10	1	49		19.71	19.71	19.62		
10	25	0		19.58	19.50	19.56		
10	25	12		19.65	19.54	19.57		
10	25	25		19.66	19.67	19.60		
10	50	0		19.68	19.52	19.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.65	24.68	24.64	32.75	1.8836
5	1	12		24.67	24.70	24.73		
5	1	24		24.69	24.70	24.75		
5	12	0		23.59	23.68	23.70		
5	12	7		23.63	23.64	23.69		
5	12	13		23.66	23.60	23.68		
5	25	0		23.63	23.64	23.70		
5	1	0	16-QAM	23.90	23.90	23.86	31.96	1.5704
5	1	12		23.92	23.91	23.92		
5	1	24		23.96	23.93	23.92		
5	12	0		22.58	22.67	22.68		
5	12	7		22.63	22.62	22.67		
5	12	13		22.65	22.57	22.66		
5	25	0		22.63	22.62	22.72		
5	1	0	64-QAM	22.79	22.79	22.75	30.85	1.2162
5	1	12		22.83	22.81	22.85		
5	1	24		22.82	22.81	22.82		
5	12	0		21.58	21.67	21.68		
5	12	7		21.64	21.62	21.68		
5	12	13		21.66	21.61	21.67		
5	25	0		21.61	21.60	21.66		
5	1	0	256-QAM	19.78	19.73	19.73	27.78	0.5998
5	1	12		19.73	19.69	19.78		
5	1	24		19.75	19.57	19.63		
5	12	0		19.60	19.52	19.49		
5	12	7		19.63	19.59	19.55		
5	12	13		19.60	19.64	19.58		
5	25	0		19.60	19.56	19.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.70	24.72	24.67	28.07	0.6412
10	1	25		24.69	24.67	24.60		
10	1	49		24.65	24.62	24.65		
10	25	0		23.69	23.70	23.58		
10	25	12		23.61	23.55	23.55		
10	25	25		23.64	23.65	23.57		
10	50	0		23.64	23.68	23.54		
10	1	0	16-QAM	23.80	23.73	23.77	27.24	0.5297
10	1	25		23.85	23.83	23.84		
10	1	49		23.89	23.83	23.78		
10	25	0		22.59	22.60	22.47		
10	25	12		22.60	22.56	22.54		
10	25	25		22.64	22.64	22.59		
10	50	0		22.60	22.61	22.51		
10	1	0	64-QAM	22.69	22.61	22.65	26.09	0.4064
10	1	25		22.73	22.70	22.70		
10	1	49		22.74	22.72	22.69		
10	25	0		21.55	21.58	21.47		
10	25	12		21.58	21.52	21.53		
10	25	25		21.61	21.62	21.56		
10	50	0		21.57	21.58	21.49		
10	1	0	256-QAM	19.99	19.95	19.96	23.34	0.2158
10	1	25		19.96	19.91	19.91		
10	1	49		19.97	19.83	19.92		
10	25	0		19.91	19.78	19.79		
10	25	12		19.90	19.85	19.80		
10	25	25		19.88	19.76	19.80		
10	50	0		19.88	19.83	19.82		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.65	24.64	24.58	28.01	0.6324
5	1	12		24.65	24.65	24.62		
5	1	24		24.64	24.63	24.66		
5	12	0		23.62	23.61	23.59		
5	12	7		23.59	23.60	23.57		
5	12	13		23.56	23.63	23.54		
5	25	0		23.58	23.60	23.57		
5	1	0	16-QAM	23.82	23.84	23.77	27.22	0.5272
5	1	12		23.79	23.85	23.77		
5	1	24		23.87	23.84	23.76		
5	12	0		22.58	22.58	22.55		
5	12	7		22.55	22.58	22.53		
5	12	13		22.52	22.60	22.51		
5	25	0		22.58	22.58	22.56		
5	1	0	64-QAM	22.71	22.71	22.65	26.16	0.4130
5	1	12		22.71	22.75	22.68		
5	1	24		22.81	22.73	22.69		
5	12	0		21.58	21.55	21.56		
5	12	7		21.57	21.58	21.55		
5	12	13		21.55	21.59	21.51		
5	25	0		21.53	21.55	21.54		
5	1	0	256-QAM	19.92	19.94	19.93	23.29	0.2133
5	1	12		19.85	19.76	19.82		
5	1	24		19.84	19.86	19.75		
5	12	0		19.82	19.71	19.72		
5	12	7		19.78	19.75	19.82		
5	12	13		19.79	19.68	19.82		
5	25	0		19.83	19.74	19.83		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.59	24.59	24.57	27.94	0.6223
3	1	8		24.58	24.59	24.58		
3	1	14		24.59	24.58	24.59		
3	8	0		23.57	23.54	23.56		
3	8	4		23.57	23.58	23.53		
3	8	7		23.56	23.54	23.56		
3	15	0		23.56	23.54	23.52		
3	1	0	16-QAM	23.79	23.81	23.72	27.16	0.5200
3	1	8		23.77	23.80	23.75		
3	1	14		23.76	23.81	23.72		
3	8	0		22.61	22.59	22.60		
3	8	4		22.61	22.63	22.57		
3	8	7		22.62	22.60	22.59		
3	15	0		22.59	22.56	22.53		
3	1	0	64-QAM	22.68	22.69	22.63	26.06	0.4036
3	1	8		22.66	22.71	22.65		
3	1	14		22.66	22.70	22.67		
3	8	0		21.57	21.54	21.57		
3	8	4		21.57	21.59	21.52		
3	8	7		21.57	21.56	21.54		
3	15	0		21.53	21.52	21.48		
3	1	0	256-QAM	19.96	19.88	19.90	23.31	0.2143
3	1	8		19.82	19.82	19.85		
3	1	14		19.91	19.86	19.85		
3	8	0		19.83	19.80	19.76		
3	8	4		19.73	19.83	19.75		
3	8	7		19.86	19.71	19.78		
3	15	0		19.77	19.72	19.79		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.60	24.59	24.57	28.01	0.6324
1.4	1	3		24.66	24.63	24.58		
1.4	1	5		24.60	24.59	24.58		
1.4	3	0		24.61	24.62	24.56		
1.4	3	1		24.62	24.63	24.60		
1.4	3	3		24.63	24.58	24.61		
1.4	6	0		23.62	23.61	23.60		
1.4	1	0	16-QAM	23.81	23.83	23.75	27.22	0.5272
1.4	1	3		23.87	23.85	23.78		
1.4	1	5		23.80	23.83	23.73		
1.4	3	0		23.62	23.62	23.58		
1.4	3	1		23.62	23.61	23.61		
1.4	3	3		23.60	23.58	23.60		
1.4	6	0		22.65	22.65	22.62		
1.4	1	0	64-QAM	22.73	22.72	22.67	26.08	0.4055
1.4	1	3		22.73	22.70	22.66		
1.4	1	5		22.71	22.72	22.66		
1.4	3	0		22.69	22.70	22.63		
1.4	3	1		22.69	22.70	22.65		
1.4	3	3		22.68	22.67	22.65		
1.4	6	0		21.55	21.54	21.51		
1.4	1	0	256-QAM	19.99	19.94	19.90	23.34	0.2158
1.4	1	3		19.88	19.73	19.76		
1.4	1	5		19.85	19.84	19.77		
1.4	3	0		19.74	19.79	19.77		
1.4	3	1		19.74	19.81	19.71		
1.4	3	3		19.80	19.77	19.77		
1.4	6	0		19.84	19.82	19.75		
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.73	-	28.08	0.6427
10	1	25			24.56			
10	1	49			24.49			
10	25	0			23.51			
10	25	12			23.49			
10	25	25			23.48			
10	50	0			23.42			
10	1	0	16-QAM		23.61		27.00	0.5012
10	1	25			23.65			
10	1	49			23.61			
10	25	0			22.38			
10	25	12			22.50			
10	25	25			22.50			
10	50	0			22.38			
10	1	0	64-QAM		22.59		25.95	0.3936
10	1	25			22.60			
10	1	49			22.55			
10	25	0			21.35			
10	25	12			21.45			
10	25	25			21.46			
10	50	0			21.38			
10	1	0	256-QAM		19.92		23.27	0.2123
10	1	25			19.85			
10	1	49			19.76			
10	25	0			19.61			
10	25	12			19.71			
10	25	25			19.70			
10	50	0			19.68			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.70	24.63	24.59	28.05	0.6383
5	1	12		24.65	24.60	24.57		
5	1	24		24.60	24.57	24.58		
5	12	0		23.41	23.48	23.52		
5	12	7		23.51	23.49	23.49		
5	12	13		23.54	23.47	23.40		
5	25	0		23.47	23.47	23.47		
5	1	0	16-QAM	23.63	23.67	23.65	27.03	0.5047
5	1	12		23.66	23.66	23.64		
5	1	24		23.68	23.62	23.64		
5	12	0		22.40	22.45	22.49		
5	12	7		22.48	22.46	22.46		
5	12	13		22.51	22.44	22.39		
5	25	0		22.50	22.49	22.48		
5	1	0	64-QAM	22.66	22.62	22.61	26.01	0.3990
5	1	12		22.66	22.62	22.61		
5	1	24		22.62	22.59	22.61		
5	12	0		21.42	21.47	21.51		
5	12	7		21.52	21.47	21.48		
5	12	13		21.52	21.46	21.41		
5	25	0		21.45	21.44	21.43		
5	1	0	256-QAM	19.89	19.87	19.84	23.24	0.2109
5	1	12		19.74	19.81	19.65		
5	1	24		19.73	19.68	19.64		
5	12	0		19.53	19.56	19.53		
5	12	7		19.69	19.67	19.67		
5	12	13		19.62	19.57	19.68		
5	25	0		19.61	19.51	19.48		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.62	24.65	24.64	28.00	0.6310
10	1	25		24.55	24.53	24.53		
10	1	49		24.55	24.53	24.56		
10	25	0		23.38	23.35	23.36		
10	25	12		23.45	23.43	23.43		
10	25	25		23.47	23.44	23.42		
10	50	0		23.45	23.41	23.40		
10	1	0	16-QAM	23.49	23.57	23.52	26.99	0.5000
10	1	25		23.64	23.63	23.60		
10	1	49		23.56	23.53	23.54		
10	25	0		22.40	22.38	22.36		
10	25	12		22.46	22.45	22.44		
10	25	25		22.49	22.46	22.44		
10	50	0		22.42	22.38	22.38		
10	1	0	64-QAM	22.44	22.52	22.46	25.93	0.3917
10	1	25		22.58	22.57	22.53		
10	1	49		22.53	22.51	22.54		
10	25	0		21.37	21.34	21.34		
10	25	12		21.42	21.40	21.40		
10	25	25		21.47	21.41	21.40		
10	50	0		21.43	21.39	21.38		
10	1	0	256-QAM	19.87	19.90	19.89	23.29	0.2133
10	1	25		19.91	19.94	19.87		
10	1	49		19.82	19.82	19.79		
10	25	0		19.75	19.72	19.77		
10	25	12		19.80	19.75	19.82		
10	25	25		19.75	19.73	19.77		
10	50	0		19.81	19.76	19.74		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.52	24.56	24.53	27.95	0.6237
5	1	12		24.56	24.58	24.54		
5	1	24		24.60	24.57	24.57		
5	12	0		23.48	23.43	23.46		
5	12	7		23.46	23.45	23.42		
5	12	13		23.52	23.45	23.41		
5	25	0		23.48	23.43	23.42		
5	1	0	16-QAM	23.54	23.61	23.57	27.02	0.5035
5	1	12		23.59	23.64	23.53		
5	1	24		23.67	23.57	23.49		
5	12	0		22.47	22.39	22.44		
5	12	7		22.44	22.41	22.38		
5	12	13		22.50	22.41	22.39		
5	25	0		22.49	22.45	22.46		
5	1	0	64-QAM	22.52	22.58	22.53	25.96	0.3945
5	1	12		22.57	22.60	22.57		
5	1	24		22.61	22.56	22.55		
5	12	0		21.47	21.41	21.44		
5	12	7		21.45	21.43	21.40		
5	12	13		21.51	21.45	21.42		
5	25	0		21.46	21.41	21.40		
5	1	0	256-QAM	19.87	19.90	19.81	23.28	0.2128
5	1	12		19.80	19.93	19.83		
5	1	24		19.72	19.65	19.74		
5	12	0		19.61	19.74	19.66		
5	12	7		19.69	19.75	19.72		
5	12	13		19.57	19.73	19.69		
5	25	0		19.68	19.66	19.69		
Limit	ERP < 3W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.85	24.99	24.80	28.84	0.7656
15	1	37		24.74	24.74	24.63		
15	1	74		24.66	24.63	24.59		
15	36	0		23.78	23.57	23.75		
15	36	20		23.69	23.59	23.63		
15	36	39		23.69	23.89	23.61		
15	75	0		23.76	23.49	23.64		
15	1	0	16-QAM	23.86	23.61	23.81	27.91	0.6180
15	1	37		23.93	24.06	23.83		
15	1	74		23.85	23.82	23.75		
15	36	0		22.68	22.65	22.61		
15	36	20		22.66	22.76	22.64		
15	36	39		22.69	22.63	22.58		
15	75	0		22.66	22.81	22.60		
15	1	0	64-QAM	22.74	22.56	22.68	26.83	0.4819
15	1	37		22.83	22.93	22.74		
15	1	74		22.74	22.98	22.65		
15	36	0		21.66	21.46	21.61		
15	36	20		21.66	21.82	21.61		
15	36	39		21.65	21.83	21.61		
15	75	0		21.65	21.52	21.62		
15	1	0	256-QAM	19.97	20.06	19.93	23.94	0.2477
15	1	37		19.85	19.73	19.85		
15	1	74		19.91	19.97	19.88		
15	36	0		19.81	19.99	19.75		
15	36	20		19.94	20.09	19.85		
15	36	39		19.89	20.05	19.86		
15	75	0		19.85	19.76	19.74		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.43	24.41	24.41	28.43	0.6966
10	1	25		24.58	24.57	24.44		
10	1	49		24.48	24.39	24.41		
10	25	0		23.52	23.43	23.42		
10	25	12		23.48	23.45	23.44		
10	25	25		23.55	23.37	23.40		
10	50	0		23.51	23.49	23.43		
10	1	0	16-QAM	23.59	23.73	23.58	27.65	0.5821
10	1	25		23.80	23.60	23.62		
10	1	49		23.73	23.72	23.54		
10	25	0		22.49	22.45	22.44		
10	25	12		22.56	22.50	22.43		
10	25	25		22.42	22.38	22.40		
10	50	0		22.48	22.51	22.39		
10	1	0	64-QAM	22.57	22.61	22.49	26.47	0.4436
10	1	25		22.62	22.54	22.54		
10	1	49		22.62	22.44	22.47		
10	25	0		21.50	21.54	21.41		
10	25	12		21.50	21.53	21.41		
10	25	25		21.45	21.51	21.39		
10	50	0		21.46	21.41	21.38		
10	1	0	256-QAM	19.94	19.81	19.75	23.79	0.2393
10	1	25		19.89	19.73	19.67		
10	1	49		19.78	19.71	19.70		
10	25	0		19.59	19.61	19.53		
10	25	12		19.61	19.45	19.67		
10	25	25		19.65	19.70	19.47		
10	50	0		19.53	19.51	19.50		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.54	24.48	24.45	28.44	0.6982
5	1	12		24.52	24.59	24.44		
5	1	24		24.47	24.41	24.45		
5	12	0		23.45	23.58	23.43		
5	12	7		23.50	23.41	23.43		
5	12	13		23.52	23.54	23.37		
5	25	0		23.45	23.51	23.40		
5	1	0	16-QAM	23.56	23.78	23.61	27.63	0.5794
5	1	12		23.68	23.72	23.57		
5	1	24		23.65	23.76	23.52		
5	12	0		22.52	22.40	22.38		
5	12	7		22.43	22.41	22.39		
5	12	13		22.32	22.35	22.33		
5	25	0		22.47	22.58	22.39		
5	1	0	64-QAM	22.64	22.70	22.52	26.56	0.4529
5	1	12		22.61	22.64	22.50		
5	1	24		22.71	22.55	22.49		
5	12	0		21.42	21.49	21.41		
5	12	7		21.42	21.54	21.41		
5	12	13		21.56	21.50	21.36		
5	25	0		21.53	21.50	21.38		
5	1	0	256-QAM	19.89	19.89	19.77	23.74	0.2366
5	1	12		19.74	19.79	19.67		
5	1	24		19.64	19.66	19.70		
5	12	0		19.70	19.60	19.53		
5	12	7		19.66	19.51	19.64		
5	12	13		19.63	19.73	19.52		
5	25	0		19.63	19.68	19.47		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.43	24.40	24.43	28.36	0.6855
3	1	8		24.42	24.44	24.42		
3	1	14		24.51	24.41	24.43		
3	8	0		23.52	23.57	23.40		
3	8	4		23.44	23.44	23.40		
3	8	7		23.37	23.48	23.36		
3	15	0		23.50	23.47	23.38		
3	1	0	16-QAM	23.53	23.71	23.60	27.63	0.5794
3	1	8		23.65	23.78	23.53		
3	1	14		23.70	23.69	23.50		
3	8	0		22.52	22.60	22.46		
3	8	4		22.57	22.59	22.44		
3	8	7		22.47	22.52	22.41		
3	15	0		22.50	22.45	22.41		
3	1	0	64-QAM	22.51	22.52	22.50	26.55	0.4519
3	1	8		22.60	22.51	22.48		
3	1	14		22.70	22.62	22.46		
3	8	0		21.45	21.40	21.41		
3	8	4		21.56	21.47	21.40		
3	8	7		21.37	21.53	21.38		
3	15	0		21.32	21.49	21.35		
3	1	0	256-QAM	19.80	19.75	19.83	23.68	0.2333
3	1	8		19.77	19.62	19.67		
3	1	14		19.67	19.72	19.63		
3	8	0		19.55	19.44	19.57		
3	8	4		19.68	19.59	19.57		
3	8	7		19.55	19.53	19.55		
3	15	0		19.53	19.70	19.49		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.47	24.39	24.37	28.45	0.6998
1.4	1	3		24.60	24.50	24.37		
1.4	1	5		24.49	24.54	24.36		
1.4	3	0		24.38	24.56	24.40		
1.4	3	1		24.55	24.52	24.41		
1.4	3	3		24.59	24.46	24.41		
1.4	6	0		23.48	23.48	23.40		
1.4	1	0	16-QAM	23.55	23.81	23.54	27.66	0.5834
1.4	1	3		23.73	23.64	23.54		
1.4	1	5		23.61	23.67	23.50		
1.4	3	0		23.49	23.55	23.43		
1.4	3	1		23.46	23.47	23.43		
1.4	3	3		23.51	23.38	23.43		
1.4	6	0		22.56	22.52	22.43		
1.4	1	0	64-QAM	22.61	22.61	22.47	26.51	0.4477
1.4	1	3		22.60	22.61	22.46		
1.4	1	5		22.66	22.57	22.45		
1.4	3	0		22.45	22.54	22.46		
1.4	3	1		22.60	22.49	22.47		
1.4	3	3		22.45	22.50	22.45		
1.4	6	0		21.44	21.36	21.33		
1.4	1	0	256-QAM	19.87	19.82	19.79	23.72	0.2355
1.4	1	3		19.65	19.77	19.68		
1.4	1	5		19.79	19.77	19.72		
1.4	3	0		19.59	19.46	19.59		
1.4	3	1		19.72	19.67	19.60		
1.4	3	3		19.68	19.58	19.46		
1.4	6	0		19.61	19.59	19.55		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.81	24.75	24.73	30.31	1.0740
20	1	49		24.73	24.71	24.66		
20	1	99		24.70	24.63	24.60		
20	50	0		23.77	23.78	23.76		
20	50	24		23.69	23.69	23.69		
20	50	50		23.72	23.69	23.67		
20	100	0		23.63	23.66	23.63		
20	1	0	16-QAM	23.56	23.55	23.53	29.18	0.8279
20	1	49		23.68	23.68	23.61		
20	1	99		23.61	23.58	23.56		
20	50	0		22.64	22.66	22.64		
20	50	24		22.69	22.70	22.68		
20	50	50		22.69	22.66	22.68		
20	100	0		22.63	22.66	22.64		
20	1	0	64-QAM	22.29	22.28	22.27	27.90	0.6166
20	1	49		22.40	22.39	22.36		
20	1	99		22.35	22.29	22.30		
20	50	0		21.61	21.62	21.59		
20	50	24		21.60	21.61	21.62		
20	50	50		21.65	21.62	21.60		
20	100	0		21.61	21.61	21.58		
20	1	0	256-QAM	19.48	19.45	19.42	25.26	0.3357
20	1	49		19.58	19.49	19.50		
20	1	99		19.46	19.38	19.33		
20	50	0		19.74	19.69	19.58		
20	50	24		19.75	19.63	19.62		
20	50	50		19.76	19.63	19.65		
20	100	0		19.70	19.58	19.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.20	24.25	24.19	29.86	0.9683
15	1	37		24.29	24.36	24.21		
15	1	74		24.26	24.28	24.24		
15	36	0		23.30	23.30	23.27		
15	36	20		23.32	23.34	23.32		
15	36	39		23.29	23.30	23.28		
15	75	0		23.19	23.28	23.26		
15	1	0	16-QAM	23.14	23.19	23.08	28.82	0.7621
15	1	37		23.32	23.23	23.17		
15	1	74		23.22	23.13	23.19		
15	36	0		22.27	22.27	22.23		
15	36	20		22.34	22.27	22.29		
15	36	39		22.30	22.27	22.32		
15	75	0		22.24	22.25	22.21		
15	1	0	64-QAM	21.86	21.89	21.87	27.52	0.5649
15	1	37		21.95	22.02	21.91		
15	1	74		21.94	21.93	21.86		
15	36	0		21.23	21.21	21.19		
15	36	20		21.16	21.19	21.17		
15	36	39		21.30	21.17	21.16		
15	75	0		21.18	21.21	21.23		
15	1	0	256-QAM	19.47	19.44	19.32	25.21	0.3319
15	1	37		19.51	19.41	19.42		
15	1	74		19.38	19.36	19.27		
15	36	0		19.67	19.64	19.51		
15	36	20		19.66	19.53	19.55		
15	36	39		19.71	19.55	19.63		
15	75	0		19.63	19.58	19.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.28	24.16	24.14	29.80	0.9550
10	1	25		24.30	24.26	24.26		
10	1	49		24.28	24.21	24.19		
10	25	0		23.26	23.31	23.28		
10	25	12		23.26	23.25	23.24		
10	25	25		23.33	23.28	23.29		
10	50	0		23.27	23.24	23.19		
10	1	0	16-QAM	23.15	23.16	23.09	28.78	0.7551
10	1	25		23.23	23.28	23.25		
10	1	49		23.24	23.16	23.15		
10	25	0		22.21	22.24	22.19		
10	25	12		22.28	22.28	22.23		
10	25	25		22.29	22.28	22.33		
10	50	0		22.21	22.27	22.27		
10	1	0	64-QAM	21.84	21.93	21.86	27.49	0.5610
10	1	25		21.99	21.94	21.99		
10	1	49		21.97	21.92	21.90		
10	25	0		21.24	21.19	21.24		
10	25	12		21.22	21.23	21.19		
10	25	25		21.29	21.22	21.20		
10	50	0		21.25	21.17	21.18		
10	1	0	256-QAM	19.39	19.35	19.32	25.20	0.3311
10	1	25		19.57	19.41	19.47		
10	1	49		19.46	19.37	19.24		
10	25	0		19.70	19.63	19.58		
10	25	12		19.69	19.56	19.60		
10	25	25		19.67	19.60	19.57		
10	50	0		19.67	19.55	19.56		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.20	24.22	24.16	29.84	0.9638
5	1	12		24.29	24.34	24.21		
5	1	24		24.29	24.28	24.15		
5	12	0		23.28	23.25	23.28		
5	12	7		23.24	23.24	23.34		
5	12	13		23.34	23.28	23.22		
5	25	0		23.26	23.29	23.23		
5	1	0	16-QAM	23.20	23.18	23.09	28.78	0.7551
5	1	12		23.28	23.28	23.19		
5	1	24		23.23	23.19	23.19		
5	12	0		22.28	22.25	22.26		
5	12	7		22.34	22.32	22.32		
5	12	13		22.34	22.27	22.32		
5	25	0		22.27	22.24	22.26		
5	1	0	64-QAM	21.88	21.92	21.88	27.53	0.5662
5	1	12		22.03	22.01	21.92		
5	1	24		21.97	21.86	21.88		
5	12	0		21.16	21.20	21.22		
5	12	7		21.19	21.22	21.27		
5	12	13		21.22	21.21	21.22		
5	25	0		21.19	21.23	21.13		
5	1	0	256-QAM	19.40	19.35	19.41	25.20	0.3311
5	1	12		19.58	19.41	19.47		
5	1	24		19.42	19.35	19.31		
5	12	0		19.66	19.65	19.51		
5	12	7		19.70	19.53	19.54		
5	12	13		19.69	19.62	19.62		
5	25	0		19.70	19.48	19.52		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.82	24.89	24.71	30.39	1.0940
20	1	49		24.80	24.82	24.68		
20	1	99		24.66	24.72	24.54		
20	50	0		23.83	23.85	23.75		
20	50	24		23.73	23.76	23.68		
20	50	50		23.78	23.78	23.62		
20	100	0		23.73	23.76	23.63		
20	1	0	16-QAM	23.78	23.77	23.69	29.36	0.8630
20	1	49		23.85	23.86	23.73		
20	1	99		23.72	23.78	23.60		
20	50	0		22.71	22.73	22.70		
20	50	24		22.73	22.75	22.68		
20	50	50		22.74	22.77	22.61		
20	100	0		22.70	22.75	22.65		
20	1	0	64-QAM	22.37	22.38	22.33	27.99	0.6295
20	1	49		22.47	22.49	22.38		
20	1	99		22.30	22.40	22.24		
20	50	0		21.65	21.69	21.66		
20	50	24		21.67	21.70	21.64		
20	50	50		21.69	21.72	21.56		
20	100	0		21.66	21.71	21.61		
20	1	0	256-QAM	19.49	19.45	19.37	25.39	0.3459
20	1	49		19.61	19.57	19.43		
20	1	99		19.40	19.38	19.30		
20	50	0		19.81	19.77	19.69		
20	50	24		19.82	19.78	19.79		
20	50	50		19.89	19.75	19.67		
20	100	0		19.72	19.68	19.61		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.59	24.47	24.42	30.13	1.0304
15	1	37		24.60	24.63	24.47		
15	1	74		24.47	24.59	24.40		
15	36	0		23.59	23.60	23.51		
15	36	20		23.52	23.60	23.49		
15	36	39		23.65	23.57	23.41		
15	75	0		23.59	23.60	23.50		
15	1	0	16-QAM	23.63	23.59	23.53	29.21	0.8337
15	1	37		23.68	23.71	23.53		
15	1	74		23.52	23.64	23.46		
15	36	0		22.50	22.52	22.49		
15	36	20		22.52	22.62	22.51		
15	36	39		22.51	22.61	22.48		
15	75	0		22.53	22.54	22.48		
15	1	0	64-QAM	22.20	22.25	22.13	27.86	0.6109
15	1	37		22.25	22.36	22.21		
15	1	74		22.16	22.20	22.05		
15	36	0		21.46	21.47	21.52		
15	36	20		21.53	21.51	21.44		
15	36	39		21.48	21.55	21.36		
15	75	0		21.49	21.57	21.41		
15	1	0	256-QAM	19.46	19.38	19.29	25.37	0.3443
15	1	37		19.60	19.52	19.38		
15	1	74		19.35	19.38	19.27		
15	36	0		19.78	19.72	19.59		
15	36	20		19.73	19.74	19.70		
15	36	39		19.87	19.72	19.67		
15	75	0		19.64	19.58	19.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.59	24.55	24.42	30.15	1.0351
10	1	25		24.58	24.65	24.45		
10	1	49		24.51	24.49	24.41		
10	25	0		23.52	23.62	23.47		
10	25	12		23.52	23.57	23.52		
10	25	25		23.65	23.65	23.44		
10	50	0		23.52	23.56	23.47		
10	1	0	16-QAM	23.63	23.59	23.52	29.20	0.8318
10	1	25		23.69	23.70	23.51		
10	1	49		23.51	23.61	23.39		
10	25	0		22.50	22.51	22.47		
10	25	12		22.54	22.58	22.53		
10	25	25		22.53	22.59	22.47		
10	50	0		22.50	22.54	22.47		
10	1	0	64-QAM	22.16	22.20	22.14	27.81	0.6039
10	1	25		22.31	22.26	22.18		
10	1	49		22.14	22.23	22.05		
10	25	0		21.48	21.49	21.52		
10	25	12		21.46	21.54	21.45		
10	25	25		21.46	21.59	21.36		
10	50	0		21.51	21.56	21.40		
10	1	0	256-QAM	19.40	19.37	19.29	25.35	0.3428
10	1	25		19.56	19.51	19.36		
10	1	49		19.30	19.37	19.26		
10	25	0		19.76	19.73	19.66		
10	25	12		19.81	19.76	19.79		
10	25	25		19.85	19.71	19.63		
10	50	0		19.64	19.63	19.53		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.52	24.55	24.46	30.17	1.0399
5	1	12		24.62	24.67	24.50		
5	1	24		24.51	24.58	24.31		
5	12	0		23.57	23.57	23.55		
5	12	7		23.60	23.55	23.48		
5	12	13		23.63	23.61	23.44		
5	25	0		23.59	23.61	23.48		
5	1	0	16-QAM	23.59	23.60	23.50	29.20	0.8318
5	1	12		23.65	23.70	23.55		
5	1	24		23.59	23.62	23.46		
5	12	0		22.48	22.59	22.49		
5	12	7		22.58	22.60	22.51		
5	12	13		22.59	22.59	22.40		
5	25	0		22.54	22.53	22.51		
5	1	0	64-QAM	22.23	22.16	22.17	27.82	0.6053
5	1	12		22.29	22.32	22.15		
5	1	24		22.09	22.20	22.03		
5	12	0		21.44	21.55	21.52		
5	12	7		21.46	21.50	21.43		
5	12	13		21.56	21.51	21.38		
5	25	0		21.53	21.49	21.38		
5	1	0	256-QAM	19.40	19.37	19.32	25.31	0.3396
5	1	12		19.60	19.57	19.40		
5	1	24		19.35	19.37	19.28		
5	12	0		19.78	19.71	19.59		
5	12	7		19.81	19.78	19.74		
5	12	13		19.81	19.75	19.57		
5	25	0		19.62	19.64	19.61		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	27.42	27.43	27.34	32.93	1.9634
20	1	49		27.41	27.41	27.32		
20	1	99		27.14	27.22	27.02		
20	50	0		26.27	26.28	26.21		
20	50	24		26.21	26.20	26.09		
20	50	50		26.21	26.24	26.04		
20	100	0		26.14	26.21	26.06		
20	1	0	16-QAM	26.21	26.22	26.13	31.83	1.5241
20	1	49		26.30	26.33	26.19		
20	1	99		26.17	26.25	26.01		
20	50	0		25.18	25.19	25.13		
20	50	24		25.20	25.21	25.12		
20	50	50		25.22	25.23	25.06		
20	100	0		25.15	25.22	25.07		
20	1	0	64-QAM	25.04	25.06	25.00	30.67	1.1668
20	1	49		25.14	25.17	25.05		
20	1	99		25.01	25.07	24.88		
20	50	0		24.13	24.15	24.08		
20	50	24		24.14	24.17	24.07		
20	50	50		24.16	24.19	24.02		
20	100	0		24.14	24.17	24.07		
20	1	0	256-QAM	21.64	21.56	21.47	27.49	0.5610
20	1	49		21.70	21.71	21.56		
20	1	99		21.61	21.48	21.42		
20	50	0		21.85	21.82	21.78		
20	50	24		21.99	21.98	21.87		
20	50	50		21.97	21.95	21.94		
20	100	0		21.98	21.86	21.79		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.82	26.77	26.73	32.36	1.7219
15	1	37		26.86	26.85	26.80		
15	1	74		26.76	26.80	26.57		
15	36	0		25.82	25.83	25.70		
15	36	20		25.84	25.77	25.68		
15	36	39		25.76	25.85	25.68		
15	75	0		25.76	25.86	25.65		
15	1	0	16-QAM	25.77	25.87	25.71	31.48	1.4060
15	1	37		25.87	25.98	25.83		
15	1	74		25.75	25.80	25.59		
15	36	0		24.74	24.83	24.69		
15	36	20		24.75	24.83	24.75		
15	36	39		24.80	24.82	24.64		
15	75	0		24.74	24.83	24.72		
15	1	0	64-QAM	24.60	24.62	24.65	30.30	1.0715
15	1	37		24.75	24.80	24.64		
15	1	74		24.57	24.68	24.43		
15	36	0		23.68	23.76	23.65		
15	36	20		23.71	23.72	23.68		
15	36	39		23.72	23.77	23.65		
15	75	0		23.74	23.81	23.63		
15	1	0	256-QAM	21.57	21.47	21.42	27.48	0.5598
15	1	37		21.62	21.71	21.53		
15	1	74		21.57	21.48	21.42		
15	36	0		21.75	21.77	21.71		
15	36	20		21.98	21.97	21.78		
15	36	39		21.87	21.86	21.87		
15	75	0		21.97	21.81	21.76		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.75	26.75	26.73	32.39	1.7338
10	1	25		26.86	26.89	26.81		
10	1	49		26.70	26.79	26.57		
10	25	0		25.83	25.84	25.73		
10	25	12		25.76	25.85	25.66		
10	25	25		25.76	25.81	25.67		
10	50	0		25.73	25.82	25.71		
10	1	0	16-QAM	25.77	25.80	25.69	31.39	1.3772
10	1	25		25.87	25.89	25.78		
10	1	49		25.76	25.87	25.61		
10	25	0		24.75	24.79	24.72		
10	25	12		24.82	24.82	24.76		
10	25	25		24.87	24.82	24.62		
10	50	0		24.79	24.83	24.69		
10	1	0	64-QAM	24.64	24.70	24.62	30.32	1.0765
10	1	25		24.76	24.82	24.66		
10	1	49		24.63	24.66	24.49		
10	25	0		23.68	23.72	23.71		
10	25	12		23.72	23.72	23.66		
10	25	25		23.73	23.77	23.64		
10	50	0		23.75	23.77	23.65		
10	1	0	256-QAM	21.64	21.55	21.47	27.48	0.5598
10	1	25		21.62	21.68	21.49		
10	1	49		21.60	21.46	21.38		
10	25	0		21.78	21.76	21.72		
10	25	12		21.90	21.98	21.80		
10	25	25		21.91	21.94	21.87		
10	50	0		21.94	21.78	21.74		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.77	26.82	26.74	32.40	1.7378
5	1	12		26.84	26.90	26.79		
5	1	24		26.79	26.78	26.65		
5	12	0		25.74	25.77	25.69		
5	12	7		25.79	25.80	25.69		
5	12	13		25.77	25.86	25.69		
5	25	0		25.76	25.76	25.65		
5	1	0	16-QAM	25.83	25.81	25.76	31.44	1.3932
5	1	12		25.87	25.94	25.82		
5	1	24		25.79	25.86	25.58		
5	12	0		24.78	24.78	24.76		
5	12	7		24.81	24.79	24.71		
5	12	13		24.78	24.80	24.70		
5	25	0		24.77	24.86	24.71		
5	1	0	64-QAM	24.67	24.66	24.63	30.27	1.0641
5	1	12		24.77	24.75	24.60		
5	1	24		24.59	24.70	24.50		
5	12	0		23.69	23.70	23.70		
5	12	7		23.70	23.75	23.62		
5	12	13		23.80	23.77	23.67		
5	25	0		23.71	23.80	23.65		
5	1	0	256-QAM	21.57	21.53	21.43	27.44	0.5546
5	1	12		21.66	21.66	21.55		
5	1	24		21.55	21.41	21.42		
5	12	0		21.84	21.79	21.74		
5	12	7		21.94	21.91	21.79		
5	12	13		21.92	21.88	21.93		
5	25	0		21.93	21.84	21.79		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 1 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	22.96	-	23.96	0.2489			
10	1	25			22.95						
10	1	49			22.89						
10	25	0			21.92						
10	25	12			21.88						
10	25	25			21.86						
10	50	0			21.90						
10	1	0	16-QAM		22.17		-	23.17	0.2075		
10	1	25			22.14						
10	1	49			22.10						
10	25	0			21.08						
10	25	12			21.04						
10	25	25			21.04						
10	50	0			21.06						
10	1	0	64-QAM		21.21			-	22.21	0.1663	
10	1	25			21.20						
10	1	49			21.12						
10	25	0			20.07						
10	25	12			20.06						
10	25	25			20.01						
10	50	0			20.03						
10	1	0	256-QAM		18.32				-	19.32	0.0855
10	1	25			18.32						
10	1	49			18.24						
10	25	0			18.29						
10	25	12			18.13						
10	25	25			18.17						
10	50	0			18.20						
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 = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.95	22.91	22.93	23.95	0.2483
5	1	12		22.95	22.95	22.94		
5	1	24		22.91	22.92	22.88		
5	12	0		21.91	21.92	21.89		
5	12	7		21.86	21.85	21.84		
5	12	13		21.85	21.82	21.80		
5	25	0		21.87	21.86	21.86		
5	1	0	16-QAM	22.12	22.13	22.15	23.15	0.2065
5	1	12		22.13	22.13	22.11		
5	1	24		22.12	22.12	22.07		
5	12	0		21.05	21.07	21.06		
5	12	7		21.02	21.01	21.01		
5	12	13		21.01	20.98	20.98		
5	25	0		21.04	21.03	21.03		
5	1	0	64-QAM	21.17	21.15	21.17	22.21	0.1663
5	1	12		21.21	21.20	21.20		
5	1	24		21.15	21.15	21.12		
5	12	0		20.10	20.08	20.06		
5	12	7		20.03	20.03	20.03		
5	12	13		19.99	19.99	19.99		
5	25	0		20.00	20.01	20.01		
5	1	0	256-QAM	18.03	18.07	18.00	19.07	0.0807
5	1	12		17.90	17.94	17.90		
5	1	24		17.91	17.87	17.96		
5	12	0		17.94	17.93	17.88		
5	12	7		17.88	17.83	17.83		
5	12	13		17.83	17.83	17.88		
5	25	0		17.79	17.86	17.83		
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 = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.78	24.82	24.72	29.82	0.9594
20	1	49		24.72	24.77	24.67		
20	1	99		24.66	24.69	24.56		
20	50	0		23.84	23.87	23.68		
20	50	24		23.80	23.84	23.66		
20	50	50		23.77	23.79	23.60		
20	100	0		23.77	23.83	23.59		
20	1	0	16-QAM	23.97	23.91	23.84	28.97	0.7889
20	1	49		23.88	23.95	23.85		
20	1	99		23.84	23.80	23.71		
20	50	0		23.00	22.96	22.82		
20	50	24		22.96	22.88	22.80		
20	50	50		22.94	22.84	22.76		
20	100	0		22.93	22.90	22.76		
20	1	0	64-QAM	22.91	22.97	22.91	27.97	0.6266
20	1	49		22.89	22.94	22.91		
20	1	99		22.95	22.86	22.80		
20	50	0		21.98	21.93	21.82		
20	50	24		21.93	21.90	21.82		
20	50	50		21.93	21.83	21.74		
20	100	0		21.93	21.87	21.78		
20	1	0	256-QAM	19.89	19.85	19.81	24.94	0.3119
20	1	49		19.94	19.81	19.76		
20	1	99		19.87	19.74	19.72		
20	50	0		19.85	19.76	19.76		
20	50	24		19.84	19.72	19.68		
20	50	50		19.83	19.78	19.71		
20	100	0		19.81	19.68	19.65		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.55	24.49	24.39	29.59	0.9099
15	1	37		24.59	24.55	24.43		
15	1	74		24.45	24.40	24.32		
15	36	0		23.56	23.49	23.38		
15	36	20		23.54	23.50	23.38		
15	36	39		23.51	23.43	23.37		
15	75	0		23.56	23.50	23.40		
15	1	0	16-QAM	23.76	23.71	23.60	28.78	0.7551
15	1	37		23.78	23.71	23.62		
15	1	74		23.67	23.59	23.53		
15	36	0		22.76	22.70	22.59		
15	36	20		22.71	22.65	22.58		
15	36	39		22.71	22.61	22.50		
15	75	0		22.76	22.65	22.53		
15	1	0	64-QAM	22.84	22.80	22.70	27.85	0.6095
15	1	37		22.85	22.80	22.71		
15	1	74		22.76	22.67	22.60		
15	36	0		21.76	21.70	21.58		
15	36	20		21.74	21.65	21.58		
15	36	39		21.68	21.63	21.51		
15	75	0		21.69	21.66	21.54		
15	1	0	256-QAM	19.86	19.80	19.73	24.86	0.3062
15	1	37		19.81	19.81	19.75		
15	1	74		19.77	19.81	19.73		
15	36	0		19.65	19.76	19.69		
15	36	20		19.80	19.64	19.58		
15	36	39		19.68	19.67	19.73		
15	75	0		19.69	19.62	19.62		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.62	24.53	24.42	29.62	0.9162
10	1	25		24.57	24.49	24.38		
10	1	49		24.55	24.45	24.37		
10	25	0		23.58	23.50	23.38		
10	25	12		23.59	23.49	23.39		
10	25	25		23.51	23.45	23.33		
10	50	0		23.56	23.51	23.40		
10	1	0	16-QAM	23.80	23.73	23.64	28.80	0.7586
10	1	25		23.75	23.68	23.58		
10	1	49		23.74	23.65	23.58		
10	25	0		22.76	22.71	22.55		
10	25	12		22.75	22.66	22.58		
10	25	25		22.70	22.63	22.51		
10	50	0		22.70	22.64	22.53		
10	1	0	64-QAM	22.86	22.80	22.68	27.86	0.6109
10	1	25		22.83	22.75	22.63		
10	1	49		22.79	22.71	22.62		
10	25	0		21.73	21.65	21.53		
10	25	12		21.74	21.61	21.55		
10	25	25		21.70	21.64	21.53		
10	50	0		21.69	21.63	21.56		
10	1	0	256-QAM	19.89	19.84	19.75	24.89	0.3083
10	1	25		19.88	19.86	19.84		
10	1	49		19.77	19.66	19.65		
10	25	0		19.66	19.69	19.67		
10	25	12		19.73	19.68	19.70		
10	25	25		19.71	19.72	19.70		
10	50	0		19.64	19.58	19.65		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.61	24.54	24.40	29.61	0.9141
5	1	12		24.61	24.55	24.42		
5	1	24		24.59	24.51	24.39		
5	12	0		23.59	23.49	23.39		
5	12	7		23.55	23.43	23.38		
5	12	13		23.52	23.41	23.32		
5	25	0		23.55	23.44	23.36		
5	1	0	16-QAM	23.80	23.71	23.61	28.80	0.7586
5	1	12		23.77	23.71	23.59		
5	1	24		23.76	23.67	23.57		
5	12	0		22.76	22.67	22.57		
5	12	7		22.70	22.60	22.53		
5	12	13		22.70	22.56	22.50		
5	25	0		22.74	22.64	22.55		
5	1	0	64-QAM	22.89	22.80	22.69	27.89	0.6152
5	1	12		22.87	22.79	22.68		
5	1	24		22.84	22.74	22.66		
5	12	0		21.79	21.68	21.60		
5	12	7		21.73	21.62	21.57		
5	12	13		21.72	21.60	21.56		
5	25	0		21.71	21.62	21.52		
5	1	0	256-QAM	19.83	19.80	19.75	24.94	0.3119
5	1	12		19.94	19.80	19.76		
5	1	24		19.75	19.68	19.60		
5	12	0		19.68	19.72	19.74		
5	12	7		19.75	19.65	19.64		
5	12	13		19.82	19.72	19.71		
5	25	0		19.72	19.67	19.62		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.58	24.50	24.38	29.58	0.9078
3	1	8		24.57	24.50	24.40		
3	1	14		24.57	24.48	24.36		
3	8	0		23.57	23.49	23.36		
3	8	4		23.60	23.45	23.38		
3	8	7		23.54	23.43	23.34		
3	15	0		23.57	23.43	23.37		
3	1	0	16-QAM	23.78	23.67	23.58	28.78	0.7551
3	1	8		23.75	23.69	23.59		
3	1	14		23.75	23.67	23.55		
3	8	0		22.82	22.73	22.60		
3	8	4		22.83	22.69	22.61		
3	8	7		22.78	22.67	22.59		
3	15	0		22.77	22.63	22.58		
3	1	0	64-QAM	22.87	22.79	22.68	27.87	0.6124
3	1	8		22.87	22.78	22.69		
3	1	14		22.87	22.78	22.67		
3	8	0		21.77	21.70	21.56		
3	8	4		21.77	21.64	21.58		
3	8	7		21.74	21.64	21.56		
3	15	0		21.75	21.62	21.54		
3	1	0	256-QAM	19.85	19.78	19.80	24.85	0.3055
3	1	8		19.75	19.81	19.73		
3	1	14		19.72	19.71	19.79		
3	8	0		19.76	19.78	19.75		
3	8	4		19.72	19.71	19.64		
3	8	7		19.67	19.68	19.63		
3	15	0		19.72	19.74	19.61		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.54	24.47	24.38	29.60	0.9120
1.4	1	3		24.57	24.50	24.38		
1.4	1	5		24.56	24.47	24.37		
1.4	3	0		24.57	24.51	24.40		
1.4	3	1		24.57	24.51	24.40		
1.4	3	3		24.60	24.48	24.40		
1.4	6	0		23.57	23.48	23.38		
1.4	1	0	16-QAM	23.76	23.69	23.59	28.79	0.7568
1.4	1	3		23.79	23.70	23.61		
1.4	1	5		23.76	23.69	23.57		
1.4	3	0		23.59	23.51	23.41		
1.4	3	1		23.60	23.50	23.41		
1.4	3	3		23.59	23.46	23.38		
1.4	6	0		22.80	22.72	22.61		
1.4	1	0	64-QAM	22.85	22.78	22.68	27.86	0.6109
1.4	1	3		22.85	22.75	22.66		
1.4	1	5		22.86	22.77	22.66		
1.4	3	0		22.83	22.77	22.65		
1.4	3	1		22.83	22.75	22.65		
1.4	3	3		22.82	22.72	22.64		
1.4	6	0		21.68	21.61	21.50		
1.4	1	0	256-QAM	19.88	19.82	19.76	24.88	0.3076
1.4	1	3		19.76	19.73	19.68		
1.4	1	5		19.83	19.81	19.69		
1.4	3	0		19.80	19.70	19.59		
1.4	3	1		19.77	19.74	19.66		
1.4	3	3		19.76	19.61	19.58		
1.4	6	0		19.63	19.67	19.65		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.84	24.85	24.81	27.70	0.5888
20	1	49		24.79	24.82	24.78		
20	1	99		24.72	24.68	24.67		
20	50	0		23.79	23.86	23.85		
20	50	24		23.76	23.79	23.79		
20	50	50		23.71	23.79	23.83		
20	100	0		23.77	23.86	23.82		
20	1	0	16-QAM	23.83	23.84	23.79	26.84	0.4831
20	1	49		23.99	23.99	23.98		
20	1	99		23.87	23.89	23.77		
20	50	0		22.76	22.73	22.85		
20	50	24		22.74	22.74	22.75		
20	50	50		22.67	22.78	22.81		
20	100	0		22.72	22.73	22.82		
20	1	0	64-QAM	22.72	22.73	22.69	25.75	0.3758
20	1	49		22.86	22.90	22.88		
20	1	99		22.77	22.77	22.71		
20	50	0		21.89	21.84	21.94		
20	50	24		21.83	21.90	21.72		
20	50	50		21.79	21.85	21.76		
20	100	0		21.84	21.85	21.78		
20	1	0	256-QAM	19.83	19.86	19.85	22.79	0.1901
20	1	49		19.86	19.94	19.83		
20	1	99		19.73	19.80	19.78		
20	50	0		19.79	19.86	19.80		
20	50	24		19.75	19.88	19.86		
20	50	50		19.76	19.82	19.79		
20	100	0		19.79	19.83	19.74		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.51	24.48	24.48	27.46	0.5572
15	1	37		24.56	24.61	24.59		
15	1	74		24.54	24.55	24.50		
15	36	0		23.53	23.55	23.47		
15	36	20		23.53	23.52	23.54		
15	36	39		23.57	23.53	23.52		
15	75	0		23.59	23.56	23.53		
15	1	0	16-QAM	23.67	23.69	23.68	26.62	0.4592
15	1	37		23.76	23.77	23.74		
15	1	74		23.70	23.72	23.65		
15	36	0		22.53	22.51	22.46		
15	36	20		22.52	22.53	22.54		
15	36	39		22.55	22.49	22.52		
15	75	0		22.54	22.54	22.48		
15	1	0	64-QAM	22.56	22.57	22.55	25.55	0.3589
15	1	37		22.66	22.70	22.66		
15	1	74		22.61	22.60	22.57		
15	36	0		21.66	21.68	21.55		
15	36	20		21.66	21.66	21.52		
15	36	39		21.68	21.66	21.47		
15	75	0		21.64	21.62	21.45		
15	1	0	256-QAM	19.83	19.84	19.81	22.69	0.1858
15	1	37		19.78	19.80	19.80		
15	1	74		19.59	19.71	19.65		
15	36	0		19.75	19.66	19.76		
15	36	20		19.81	19.81	19.77		
15	36	39		19.63	19.76	19.68		
15	75	0		19.66	19.76	19.73		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.57	24.54	24.51	27.45	0.5559
10	1	25		24.58	24.60	24.56		
10	1	49		24.59	24.59	24.56		
10	25	0		23.55	23.56	23.48		
10	25	12		23.53	23.55	23.50		
10	25	25		23.54	23.46	23.49		
10	50	0		23.59	23.56	23.51		
10	1	0	16-QAM	23.71	23.71	23.71	26.60	0.4571
10	1	25		23.74	23.75	23.71		
10	1	49		23.75	23.75	23.69		
10	25	0		22.53	22.56	22.47		
10	25	12		22.53	22.56	22.51		
10	25	25		22.52	22.46	22.49		
10	50	0		22.55	22.52	22.48		
10	1	0	64-QAM	22.61	22.62	22.61	25.54	0.3581
10	1	25		22.64	22.69	22.61		
10	1	49		22.66	22.64	22.60		
10	25	0		21.65	21.66	21.45		
10	25	12		21.64	21.66	21.49		
10	25	25		21.66	21.60	21.44		
10	50	0		21.65	21.65	21.45		
10	1	0	256-QAM	19.79	19.79	19.83	22.75	0.1884
10	1	25		19.78	19.90	19.89		
10	1	49		19.63	19.67	19.75		
10	25	0		19.77	19.69	19.71		
10	25	12		19.69	19.80	19.78		
10	25	25		19.69	19.73	19.72		
10	50	0		19.73	19.74	19.72		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.62	24.60	24.57	27.50	0.5623
5	1	12		24.63	24.65	24.58		
5	1	24		24.62	24.61	24.61		
5	12	0		23.48	23.61	23.56		
5	12	7		23.57	23.59	23.52		
5	12	13		23.51	23.53	23.47		
5	25	0		23.51	23.57	23.51		
5	1	0	16-QAM	23.76	23.73	23.71	26.62	0.4592
5	1	12		23.74	23.77	23.67		
5	1	24		23.76	23.76	23.69		
5	12	0		22.43	22.56	22.53		
5	12	7		22.52	22.56	22.49		
5	12	13		22.48	22.50	22.43		
5	25	0		22.51	22.56	22.51		
5	1	0	64-QAM	22.67	22.66	22.64	25.58	0.3614
5	1	12		22.69	22.73	22.61		
5	1	24		22.68	22.68	22.64		
5	12	0		21.61	21.70	21.53		
5	12	7		21.68	21.71	21.50		
5	12	13		21.62	21.66	21.44		
5	25	0		21.62	21.67	21.46		
5	1	0	256-QAM	19.77	19.83	19.77	22.74	0.1879
5	1	12		19.79	19.88	19.89		
5	1	24		19.77	19.65	19.68		
5	12	0		19.64	19.74	19.71		
5	12	7		19.74	19.76	19.76		
5	12	13		19.68	19.74	19.77		
5	25	0		19.73	19.72	19.71		
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.65	-	28.00	0.6310
10	1	25			24.54			
10	1	49			24.48			
10	25	0			23.51			
10	25	12			23.47			
10	25	25			23.49			
10	50	0			23.50			
10	1	0	16-QAM		23.63		26.99	0.5000
10	1	25			23.64			
10	1	49			23.58			
10	25	0			22.50			
10	25	12			22.49			
10	25	25			22.50			
10	50	0			22.49			
10	1	0	64-QAM		22.60		25.95	0.3936
10	1	25			22.59			
10	1	49			22.52			
10	25	0			21.46			
10	25	12			21.45			
10	25	25			21.47			
10	50	0			21.46			
10	1	0	256-QAM		19.86		23.21	0.2094
10	1	25			19.82			
10	1	49			19.72			
10	25	0			19.73			
10	25	12			19.69			
10	25	25			19.74			
10	50	0			19.75			
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.64	24.55	24.56	27.99	0.6295
5	1	12		24.55	24.59	24.55		
5	1	24		24.59	24.56	24.56		
5	12	0		23.48	23.53	23.51		
5	12	7		23.46	23.48	23.47		
5	12	13		23.45	23.48	23.46		
5	25	0		23.45	23.48	23.48		
5	1	0	16-QAM	23.65	23.59	23.64	27.00	0.5012
5	1	12		23.59	23.64	23.63		
5	1	24		23.64	23.63	23.62		
5	12	0		22.47	22.50	22.48		
5	12	7		22.44	22.45	22.46		
5	12	13		22.41	22.46	22.44		
5	25	0		22.47	22.51	22.49		
5	1	0	64-QAM	22.66	22.57	22.60	26.01	0.3990
5	1	12		22.58	22.63	22.60		
5	1	24		22.61	22.58	22.58		
5	12	0		21.48	21.52	21.50		
5	12	7		21.46	21.47	21.46		
5	12	13		21.43	21.46	21.43		
5	25	0		21.41	21.45	21.45		
5	1	0	256-QAM	19.85	19.85	19.78	23.20	0.2089
5	1	12		19.67	19.68	19.73		
5	1	24		19.56	19.64	19.56		
5	12	0		19.69	19.59	19.66		
5	12	7		19.51	19.57	19.62		
5	12	13		19.63	19.65	19.61		
5	25	0		19.70	19.67	19.71		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.81	-	-	28.66	0.7345
15	1	37		24.74	-	-		
15	1	74		24.72	-	-		
15	36	0		23.71	-	-		
15	36	20		23.69	-	-		
15	36	39		23.70	-	-		
15	75	0		23.68	-	-		
15	1	0	16-QAM	23.80	-	-	27.81	0.6039
15	1	37		23.93	-	-		
15	1	74		23.96	-	-		
15	36	0		22.59	-	-		
15	36	20		22.69	-	-		
15	36	39		22.67	-	-		
15	75	0		22.65	-	-		
15	1	0	64-QAM	22.69	-	-	26.69	0.4667
15	1	37		22.82	-	-		
15	1	74		22.84	-	-		
15	36	0		21.60	-	-		
15	36	20		21.67	-	-		
15	36	39		21.70	-	-		
15	75	0		21.63	-	-		
15	1	0	256-QAM	19.99	-	-	23.84	0.2421
15	1	37		19.92	-	-		
15	1	74		19.94	-	-		
15	36	0		19.91	-	-		
15	36	20		19.96	-	-		
15	36	39		19.92	-	-		
15	75	0		19.90	-	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.45	-	28.34	0.6823
10	1	25		-	24.49	-		
10	1	49		-	24.44	-		
10	25	0		-	23.48	-		
10	25	12		-	23.45	-		
10	25	25		-	23.45	-		
10	50	0		-	23.48	-		
10	1	0	16-QAM	-	23.65	-	27.55	0.5689
10	1	25		-	23.70	-		
10	1	49		-	23.65	-		
10	25	0		-	22.46	-		
10	25	12		-	22.44	-		
10	25	25		-	22.42	-		
10	50	0		-	22.48	-		
10	1	0	64-QAM	-	22.55	-	26.44	0.4406
10	1	25		-	22.59	-		
10	1	49		-	22.52	-		
10	25	0		-	21.47	-		
10	25	12		-	21.44	-		
10	25	25		-	21.41	-		
10	50	0		-	21.45	-		
10	1	0	256-QAM	-	19.79	-	23.66	0.2323
10	1	25		-	19.81	-		
10	1	49		-	19.77	-		
10	25	0		-	19.61	-		
10	25	12		-	19.54	-		
10	25	25		-	19.60	-		
10	50	0		-	19.50	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.49	24.49	24.42	28.41	0.6934
5	1	12		24.54	24.52	24.44		
5	1	24		24.55	24.52	24.56		
5	12	0		23.48	23.52	23.53		
5	12	7		23.49	23.53	23.58		
5	12	13		23.47	23.43	23.52		
5	25	0		23.51	23.57	23.45		
5	1	0	16-QAM	23.64	23.65	23.59	27.66	0.5834
5	1	12		23.71	23.81	23.61		
5	1	24		23.74	23.65	23.78		
5	12	0		22.46	22.46	22.37		
5	12	7		22.47	22.40	22.55		
5	12	13		22.42	22.34	22.50		
5	25	0		22.49	22.52	22.57		
5	1	0	64-QAM	22.58	22.51	22.64	26.55	0.4519
5	1	12		22.61	22.69	22.62		
5	1	24		22.62	22.54	22.70		
5	12	0		21.48	21.49	21.57		
5	12	7		21.48	21.58	21.49		
5	12	13		21.46	21.45	21.51		
5	25	0		21.46	21.53	21.55		
5	1	0	256-QAM	19.90	19.98	19.87	23.83	0.2415
5	1	12		19.72	19.80	19.76		
5	1	24		19.69	19.64	19.70		
5	12	0		19.63	19.68	19.57		
5	12	7		19.66	19.58	19.68		
5	12	13		19.55	19.46	19.45		
5	25	0		19.55	19.61	19.58		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.47	24.39	24.51	28.39	0.6902
3	1	8		24.46	24.51	24.49		
3	1	14		24.49	24.54	24.43		
3	8	0		23.43	23.41	23.39		
3	8	4		23.45	23.45	23.36		
3	8	7		23.45	23.42	23.47		
3	15	0		23.47	23.47	23.42		
3	1	0	16-QAM	23.62	23.61	23.58	27.62	0.5781
3	1	8		23.68	23.59	23.65		
3	1	14		23.69	23.77	23.62		
3	8	0		22.47	22.46	22.55		
3	8	4		22.50	22.54	22.40		
3	8	7		22.50	22.44	22.58		
3	15	0		22.46	22.52	22.53		
3	1	0	64-QAM	22.54	22.46	22.46	26.47	0.4436
3	1	8		22.58	22.48	22.59		
3	1	14		22.60	22.60	22.62		
3	8	0		21.44	21.54	21.53		
3	8	4		21.46	21.40	21.51		
3	8	7		21.47	21.48	21.40		
3	15	0		21.42	21.40	21.39		
3	1	0	256-QAM	19.89	19.79	19.94	23.79	0.2393
3	1	8		19.74	19.65	19.66		
3	1	14		19.77	19.68	19.70		
3	8	0		19.56	19.56	19.52		
3	8	4		19.66	19.76	19.57		
3	8	7		19.59	19.52	19.64		
3	15	0		19.54	19.56	19.46		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.46	24.47	24.47	28.38	0.6887
1.4	1	3		24.51	24.50	24.41		
1.4	1	5		24.49	24.47	24.46		
1.4	3	0		24.47	24.45	24.42		
1.4	3	1		24.49	24.48	24.49		
1.4	3	3		24.51	24.51	24.53		
1.4	6	0		23.48	23.56	23.55		
1.4	1	0	16-QAM	23.63	23.58	23.73	27.65	0.5821
1.4	1	3		23.71	23.65	23.80		
1.4	1	5		23.69	23.74	23.65		
1.4	3	0		23.48	23.48	23.54		
1.4	3	1		23.48	23.55	23.46		
1.4	3	3		23.49	23.47	23.55		
1.4	6	0		22.51	22.44	22.46		
1.4	1	0	64-QAM	22.54	22.64	22.53	26.49	0.4457
1.4	1	3		22.60	22.60	22.56		
1.4	1	5		22.57	22.56	22.52		
1.4	3	0		22.54	22.50	22.51		
1.4	3	1		22.54	22.50	22.62		
1.4	3	3		22.55	22.60	22.56		
1.4	6	0		21.42	21.35	21.48		
1.4	1	0	256-QAM	19.85	19.80	19.75	23.70	0.2344
1.4	1	3		19.73	19.66	19.68		
1.4	1	5		19.73	19.67	19.78		
1.4	3	0		19.54	19.57	19.51		
1.4	3	1		19.64	19.69	19.70		
1.4	3	3		19.59	19.65	19.51		
1.4	6	0		19.58	19.53	19.65		
Limit	Power < 100W			Result			Pass	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.72	-	28.62	0.7278
15	1	37		-	24.77	-		
15	1	74		-	24.64	-		
15	36	0		-	23.77	-		
15	36	20		-	23.76	-		
15	36	39		-	23.75	-		
15	75	0		-	23.62	-		
15	1	0	16-QAM	-	23.85	-	27.87	0.6124
15	1	37		-	24.02	-		
15	1	74		-	23.87	-		
15	36	0		-	22.57	-		
15	36	20		-	22.78	-		
15	36	39		-	22.67	-		
15	75	0		-	22.58	-		
15	1	0	64-QAM	-	22.74	-	26.76	0.4742
15	1	37		-	22.88	-		
15	1	74		-	22.91	-		
15	36	0		-	21.54	-		
15	36	20		-	21.72	-		
15	36	39		-	21.76	-		
15	75	0		-	21.58	-		
15	1	0	256-QAM	-	19.90	-	23.86	0.2432
15	1	37		-	20.01	-		
15	1	74		-	19.84	-		
15	36	0		-	19.86	-		
15	36	20		-	19.88	-		
15	36	39		-	19.82	-		
15	75	0		-	19.95	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.36	-	28.30	0.6761
10	1	25		-	24.41	-		
10	1	49		-	24.45	-		
10	25	0		-	23.52	-		
10	25	12		-	23.35	-		
10	25	25		-	23.44	-		
10	50	0		-	23.41	-		
10	1	0	16-QAM	-	23.66	-	27.66	0.5834
10	1	25		-	23.76	-		
10	1	49		-	23.81	-		
10	25	0		-	22.38	-		
10	25	12		-	22.47	-		
10	25	25		-	22.51	-		
10	50	0		-	22.40	-		
10	1	0	64-QAM	-	22.43	-	26.59	0.4560
10	1	25		-	22.52	-		
10	1	49		-	22.74	-		
10	25	0		-	21.46	-		
10	25	12		-	21.48	-		
10	25	25		-	21.53	-		
10	50	0		-	21.37	-		
10	1	0	256-QAM	-	19.90	-	23.75	0.2371
10	1	25		-	19.83	-		
10	1	49		-	19.85	-		
10	25	0		-	19.52	-		
10	25	12		-	19.57	-		
10	25	25		-	19.72	-		
10	50	0		-	19.58	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.54	-	28.50	0.7079
5	1	12		-	24.64	-		
5	1	24		-	24.65	-		
5	12	0		-	23.44	-		
5	12	7		-	23.53	-		
5	12	13		-	23.54	-		
5	25	0		-	23.51	-		
5	1	0	16-QAM	-	23.61	-	27.57	0.5715
5	1	12		-	23.62	-		
5	1	24		-	23.72	-		
5	12	0		-	22.51	-		
5	12	7		-	22.54	-		
5	12	13		-	22.46	-		
5	25	0		-	22.47	-		
5	1	0	64-QAM	-	22.54	-	26.56	0.4529
5	1	12		-	22.71	-		
5	1	24		-	22.55	-		
5	12	0		-	21.39	-		
5	12	7		-	21.48	-		
5	12	13		-	21.43	-		
5	25	0		-	21.51	-		
5	1	0	256-QAM	-	19.89	-	23.74	0.2366
5	1	12		-	19.82	-		
5	1	24		-	19.71	-		
5	12	0		-	19.58	-		
5	12	7		-	19.66	-		
5	12	13		-	19.50	-		
5	25	0		-	19.49	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.39	-	28.29	0.6745
3	1	8		-	24.40	-		
3	1	14		-	24.44	-		
3	8	0		-	23.40	-		
3	8	4		-	23.50	-		
3	8	7		-	23.52	-		
3	15	0		-	23.51	-		
3	1	0	16-QAM	-	23.72	-	27.57	0.5715
3	1	8		-	23.59	-		
3	1	14		-	23.68	-		
3	8	0		-	22.37	-		
3	8	4		-	22.43	-		
3	8	7		-	22.47	-		
3	15	0		-	22.42	-		
3	1	0	64-QAM	-	22.54	-	26.52	0.4487
3	1	8		-	22.65	-		
3	1	14		-	22.67	-		
3	8	0		-	21.34	-		
3	8	4		-	21.51	-		
3	8	7		-	21.52	-		
3	15	0		-	21.47	-		
3	1	0	256-QAM	-	19.83	-	23.68	0.2333
3	1	8		-	19.67	-		
3	1	14		-	19.72	-		
3	8	0		-	19.58	-		
3	8	4		-	19.70	-		
3	8	7		-	19.60	-		
3	15	0		-	19.48	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.54	-	28.42	0.6950
1.4	1	3		-	24.53	-		
1.4	1	5		-	24.44	-		
1.4	3	0		-	24.39	-		
1.4	3	1		-	24.57	-		
1.4	3	3		-	24.47	-		
1.4	6	0		-	23.38	-		
1.4	1	0	16-QAM	-	23.62	-	27.58	0.5728
1.4	1	3		-	23.73	-		
1.4	1	5		-	23.73	-		
1.4	3	0		-	23.54	-		
1.4	3	1		-	23.58	-		
1.4	3	3		-	23.44	-		
1.4	6	0		-	22.54	-		
1.4	1	0	64-QAM	-	22.53	-	26.49	0.4457
1.4	1	3		-	22.53	-		
1.4	1	5		-	22.56	-		
1.4	3	0		-	22.45	-		
1.4	3	1		-	22.44	-		
1.4	3	3		-	22.64	-		
1.4	6	0		-	21.46	-		
1.4	1	0	256-QAM	-	19.79	-	23.65	0.2317
1.4	1	3		-	19.74	-		
1.4	1	5		-	19.80	-		
1.4	3	0		-	19.56	-		
1.4	3	1		-	19.59	-		
1.4	3	3		-	19.60	-		
1.4	6	0		-	19.58	-		
Limit	Reporting only			Result			N/A	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.45	22.41	22.45	28.02	0.6339
10+10	1	0	1	49		13.54	13.60	13.63		
10+10	1	49	1	0		24.17	24.14	24.15		
10+10	50	0	50	0	16-QAM	21.42	21.42	21.41	27.43	0.5534
10+10	1	0	1	49		13.99	14.04	14.09		
10+10	1	49	1	0		23.58	23.57	23.51		
10+10	50	0	50	0	64-QAM	21.44	21.41	21.42	25.29	0.3381
10+10	1	0	1	49		13.77	13.97	13.92		
10+10	1	49	1	0		21.38	21.33	21.37		
10+10	50	0	50	0	256-QAM	19.37	19.38	19.34	23.23	0.2104
10+10	1	0	1	49		13.84	13.85	13.83		
10+10	1	49	1	0		19.29	19.25	19.30		
10+5	50	0	25	0	QPSK	22.43	22.45	22.45	28.04	0.6368
10+5	1	0	1	24		13.59	13.66	13.64		
10+5	1	49	1	0		24.19	24.16	24.15		
10+5	50	0	25	0	16-QAM	21.43	21.44	21.46	27.51	0.5636
10+5	1	0	1	24		13.99	14.06	14.25		
10+5	1	49	1	0		23.66	23.66	23.59		
10+5	50	0	25	0	64-QAM	21.42	21.45	21.42	25.30	0.3388
10+5	1	0	1	24		13.83	13.94	13.84		
10+5	1	49	1	0		21.33	21.40	21.25		
10+5	50	0	25	0	256-QAM	19.35	19.35	19.37	23.22	0.2099
10+5	1	0	1	24		13.76	13.83	13.89		
10+5	1	49	1	0		19.27	19.29	19.21		
5+10	25	0	50	0	QPSK	22.43	22.45	22.47	28.02	0.6339
5+10	1	0	1	49		13.55	13.61	13.59		
5+10	1	24	1	0		24.14	24.17	24.15		
5+10	25	0	50	0	16-QAM	21.43	21.45	21.48	27.44	0.5546
5+10	1	0	1	49		13.98	14.01	14.01		
5+10	1	24	1	0		23.50	23.59	23.55		
5+10	25	0	50	0	64-QAM	21.44	21.46	21.47	25.32	0.3404
5+10	1	0	1	49		13.80	13.92	13.94		
5+10	1	24	1	0		21.30	21.34	21.32		
5+10	25	0	50	0	256-QAM	19.34	19.38	19.39	23.24	0.2109
5+10	1	0	1	49		13.77	13.85	13.86		
5+10	1	24	1	0		19.25	19.29	19.26		
Limit	ERP < 7W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.31	22.36	22.32	28.93	0.7816
10+10	1	0	1	49		15.34	15.43	15.41		
10+10	1	49	1	0		23.93	23.89	23.87		
10+10	50	0	50	0	16-QAM	21.33	21.37	21.29	28.41	0.6934
10+10	1	0	1	49		15.86	15.94	16.02		
10+10	1	49	1	0		23.41	23.37	23.37		
10+10	50	0	50	0	64-QAM	21.33	21.37	21.30	26.37	0.4335
10+10	1	0	1	49		15.68	15.64	15.69		
10+10	1	49	1	0		21.34	21.29	21.31		
10+10	50	0	50	0	256-QAM	19.26	19.29	19.24	24.29	0.2685
10+10	1	0	1	49		15.53	15.60	15.65		
10+10	1	49	1	0		19.21	19.22	19.21		
15+5	75	0	25	0	QPSK	22.44	22.45	22.37	29.22	0.8356
15+5	1	0	1	24		15.65	15.74	15.76		
15+5	1	74	1	0		24.19	24.22	24.17		
15+5	75	0	25	0	16-QAM	21.42	21.41	21.34	28.75	0.7499
15+5	1	0	1	24		16.21	16.28	16.22		
15+5	1	74	1	0		23.63	23.75	23.71		
15+5	75	0	25	0	64-QAM	21.41	21.39	21.36	26.63	0.4603
15+5	1	0	1	24		15.91	16.00	16.07		
15+5	1	74	1	0		21.63	21.57	21.62		
15+5	75	0	25	0	256-QAM	19.37	19.40	19.31	24.56	0.2858
15+5	1	0	1	24		15.81	15.91	15.93		
15+5	1	74	1	0		19.56	19.50	19.44		
5+15	25	0	75	0	QPSK	22.27	22.34	22.31	28.95	0.7852
5+15	1	0	1	74		15.36	15.41	15.47		
5+15	1	24	1	0		23.95	23.89	23.88		
5+15	25	0	75	0	16-QAM	21.27	21.34	21.31	28.38	0.6887
5+15	1	0	1	74		15.91	16.03	15.90		
5+15	1	24	1	0		23.31	23.31	23.38		
5+15	25	0	75	0	64-QAM	21.27	21.34	21.31	26.34	0.4305
5+15	1	0	1	74		15.69	15.72	15.72		
5+15	1	24	1	0		21.29	21.26	21.29		
5+15	25	0	75	0	256-QAM	19.20	19.29	19.27	24.29	0.2685
5+15	1	0	1	74		15.53	15.59	15.62		
5+15	1	24	1	0		19.24	19.22	19.24		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	22.36	22.36	22.31	28.89	0.7745
10+5	1	0	1	24		15.40	15.45	15.44		
10+5	1	49	1	0		23.88	23.89	23.82		
10+5	50	0	25	0	16-QAM	21.36	21.32	21.32	28.36	0.6855
10+5	1	0	1	24		15.87	15.94	16.02		
10+5	1	49	1	0		23.34	23.33	23.36		
10+5	50	0	25	0	64-QAM	21.35	21.32	21.29	26.35	0.4315
10+5	1	0	1	24		15.74	15.79	15.71		
10+5	1	49	1	0		21.28	21.24	21.28		
10+5	50	0	25	0	256-QAM	19.25	19.23	19.25	24.25	0.2661
10+5	1	0	1	24		15.59	15.68	15.67		
10+5	1	49	1	0		19.20	19.19	19.11		
5+10	25	0	50	0	QPSK	22.34	22.34	22.27	28.90	0.7762
5+10	1	0	1	49		15.38	15.43	15.42		
5+10	1	24	1	0		23.90	23.85	23.83		
5+10	25	0	50	0	16-QAM	21.37	21.36	21.27	28.30	0.6761
5+10	1	0	1	49		15.88	15.94	15.93		
5+10	1	24	1	0		23.30	23.18	23.25		
5+10	25	0	50	0	64-QAM	21.31	21.32	21.31	26.34	0.4305
5+10	1	0	1	49		15.65	15.68	15.67		
5+10	1	24	1	0		21.34	21.13	21.19		
5+10	25	0	50	0	256-QAM	19.28	19.26	19.23	24.28	0.2679
5+10	1	0	1	49		15.50	15.61	15.62		
5+10	1	24	1	0		19.21	19.15	19.11		
5+5	25	0	25	0	QPSK	22.31	22.39	22.32	28.97	0.7889
5+5	1	0	1	24		15.88	16.07	16.01		
5+5	1	24	1	0		23.87	23.97	23.91		
5+5	25	0	25	0	16-QAM	21.38	21.41	21.35	28.46	0.7015
5+5	1	0	1	24		16.89	16.63	16.53		
5+5	1	24	1	0		23.39	23.31	23.46		
5+5	25	0	25	0	64-QAM	21.37	21.40	21.29	26.42	0.4385
5+5	1	0	1	24		16.20	16.34	16.36		
5+5	1	24	1	0		21.42	21.38	21.27		
5+5	25	0	25	0	256-QAM	19.34	19.33	19.26	24.34	0.2716
5+5	1	0	1	24		16.18	16.26	16.23		
5+5	1	24	1	0		19.26	19.25	19.16		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.11	22.24	22.22	28.88	0.7727
20+20	1	0	1	99		14.93	15.05	15.06		
20+20	1	99	1	0		23.88	23.88	23.87		
20+20	100	0	100	0	16-QAM	21.12	21.22	21.21	28.45	0.6998
20+20	1	0	1	99		15.35	15.53	15.46		
20+20	1	99	1	0		23.35	23.45	23.42		
20+20	100	0	100	0	64-QAM	21.14	21.24	21.20	26.34	0.4305
20+20	1	0	1	99		15.23	15.36	15.37		
20+20	1	99	1	0		21.31	21.24	21.34		
20+20	100	0	100	0	256-QAM	19.09	19.19	19.18	24.24	0.2655
20+20	1	0	1	99		15.13	15.23	15.29		
20+20	1	99	1	0		19.20	19.18	19.24		
20+15	100	0	75	0	QPSK	22.17	22.21	22.20	28.87	0.7709
20+15	1	0	1	74		15.05	15.16	15.16		
20+15	1	74	1	0		23.87	23.83	23.84		
20+15	100	0	75	0	16-QAM	21.17	21.19	21.21	28.43	0.6966
20+15	1	0	1	74		15.48	15.68	15.61		
20+15	1	74	1	0		23.35	23.36	23.43		
20+15	100	0	75	0	64-QAM	21.16	21.18	21.16	26.34	0.4305
20+15	1	0	1	74		15.35	15.44	15.49		
20+15	1	74	1	0		21.23	21.21	21.34		
20+15	100	0	75	0	256-QAM	19.18	19.24	19.19	24.28	0.2679
20+15	1	0	1	74		15.25	15.46	15.34		
20+15	1	74	1	0		19.22	19.18	19.28		
15+20	75	0	100	0	QPSK	22.20	22.26	22.21	28.99	0.7925
15+20	1	0	1	99		15.19	15.30	15.30		
15+20	1	74	1	0		23.99	23.98	23.97		
15+20	75	0	100	0	16-QAM	21.18	21.23	21.22	28.45	0.6998
15+20	1	0	1	99		15.66	15.81	15.74		
15+20	1	74	1	0		23.45	23.45	23.37		
15+20	75	0	100	0	64-QAM	21.14	21.22	21.18	26.43	0.4395
15+20	1	0	1	99		15.47	15.57	15.63		
15+20	1	74	1	0		21.42	21.41	21.43		
15+20	75	0	100	0	256-QAM	19.09	19.27	19.20	24.41	0.2761
15+20	1	0	1	99		15.38	15.49	15.53		
15+20	1	74	1	0		19.31	19.41	19.35		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.22	22.27	22.22	28.82	0.7621
20+10	1	0	1	49		15.11	15.22	15.21		
20+10	1	99	1	0		23.82	23.81	23.82		
20+10	100	0	50	0	16-QAM	21.22	21.26	21.19	28.37	0.6871
20+10	1	0	1	49		15.54	15.78	15.70		
20+10	1	99	1	0		23.37	23.34	23.22		
20+10	100	0	50	0	64-QAM	21.22	21.23	21.18	26.31	0.4276
20+10	1	0	1	49		15.44	15.52	15.59		
20+10	1	99	1	0		21.23	21.19	21.31		
20+10	100	0	50	0	256-QAM	19.19	19.23	19.18	24.23	0.2649
20+10	1	0	1	49		15.37	15.43	15.47		
20+10	1	99	1	0		19.18	19.08	19.15		
10+20	50	0	100	0	QPSK	22.14	22.25	22.21	28.80	0.7586
10+20	1	0	1	99		15.12	15.20	15.23		
10+20	1	49	1	0		23.80	23.77	23.78		
10+20	50	0	100	0	16-QAM	21.11	21.23	21.21	28.35	0.6839
10+20	1	0	1	99		15.56	15.65	15.64		
10+20	1	49	1	0		23.35	23.33	23.24		
10+20	50	0	100	0	64-QAM	21.15	21.25	21.21	26.29	0.4256
10+20	1	0	1	99		15.35	15.53	15.52		
10+20	1	49	1	0		21.29	21.18	21.23		
10+20	50	0	100	0	256-QAM	19.09	19.20	19.16	24.20	0.2630
10+20	1	0	1	99		15.33	15.43	15.42		
10+20	1	49	1	0		19.12	19.12	19.06		
20+5	100	0	25	0	QPSK	22.28	22.22	22.20	28.76	0.7516
20+5	1	0	1	24		15.19	15.31	15.29		
20+5	1	99	1	0		23.76	23.76	23.74		
20+5	100	0	25	0	16-QAM	21.26	21.18	21.20	28.32	0.6792
20+5	1	0	1	24		15.73	15.77	15.70		
20+5	1	99	1	0		23.26	23.32	23.22		
20+5	100	0	25	0	64-QAM	21.26	21.18	21.19	26.28	0.4246
20+5	1	0	1	24		15.45	15.54	15.65		
20+5	1	99	1	0		21.28	21.27	21.14		
20+5	100	0	25	0	256-QAM	19.24	19.19	19.17	24.24	0.2655
20+5	1	0	1	24		15.36	15.54	15.51		
20+5	1	99	1	0		19.15	19.11	19.08		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.11	22.24	22.19	28.78	0.7551
5+20	1	0	1	99		15.16	15.29	15.29		
5+20	1	24	1	0		23.78	23.74	23.73		
5+20	25	0	100	0	16-QAM	21.14	21.25	21.22	28.25	0.6683
5+20	1	0	1	99		15.57	15.69	15.71		
5+20	1	24	1	0		23.25	23.14	23.21		
5+20	25	0	100	0	64-QAM	21.11	21.23	21.21	26.23	0.4198
5+20	1	0	1	99		15.52	15.61	15.55		
5+20	1	24	1	0		21.17	21.15	21.21		
5+20	25	0	100	0	256-QAM	19.09	19.22	19.18	24.22	0.2642
5+20	1	0	1	99		15.38	15.45	15.50		
5+20	1	24	1	0		19.13	19.07	19.04		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.32	22.34	22.29	28.98	0.7907
15+10	1	0	1	49		15.35	15.48	15.48		
15+10	1	74	1	0		23.98	23.96	23.97		
15+10	75	0	50	0	16-QAM	21.30	21.30	21.27	28.58	0.7211
15+10	1	0	1	49		15.86	15.88	16.00		
15+10	1	74	1	0		23.41	23.44	23.58		
15+10	75	0	50	0	64-QAM	21.30	21.29	21.23	26.47	0.4436
15+10	1	0	1	49		15.59	15.67	15.80		
15+10	1	74	1	0		21.36	21.37	21.47		
15+10	75	0	50	0	256-QAM	19.25	19.28	19.21	24.36	0.2729
15+10	1	0	1	49		15.56	15.73	15.65		
15+10	1	74	1	0		19.36	19.30	19.28		
10+15	50	0	75	0	QPSK	22.21	22.29	22.26	28.83	0.7638
10+15	1	0	1	74		15.18	15.31	15.31		
10+15	1	49	1	0		23.83	23.82	23.79		
10+15	50	0	75	0	16-QAM	21.20	21.26	21.22	28.31	0.6776
10+15	1	0	1	74		15.65	15.68	15.66		
10+15	1	49	1	0		23.28	23.29	23.31		
10+15	50	0	75	0	64-QAM	21.22	21.30	21.23	26.30	0.4266
10+15	1	0	1	74		15.45	15.63	15.64		
10+15	1	49	1	0		21.23	21.28	21.28		
10+15	50	0	75	0	256-QAM	19.18	19.23	19.19	24.23	0.2649
10+15	1	0	1	74		15.43	15.49	15.49		
10+15	1	49	1	0		19.17	19.18	19.17		
15+15	75	0	75	0	QPSK	22.22	22.32	22.29	29.07	0.8072
15+15	1	0	1	74		15.31	15.39	15.45		
15+15	1	74	1	0		24.05	24.05	24.07		
15+15	75	0	75	0	16-QAM	21.24	21.29	21.25	28.61	0.7261
15+15	1	0	1	74		15.82	15.86	15.84		
15+15	1	74	1	0		23.57	23.56	23.61		
15+15	75	0	75	0	64-QAM	21.24	21.33	21.23	26.54	0.4508
15+15	1	0	1	74		15.62	15.69	15.75		
15+15	1	74	1	0		21.54	21.45	21.48		
15+15	75	0	75	0	256-QAM	19.19	19.25	19.25	24.35	0.2723
15+15	1	0	1	74		15.44	15.59	15.67		
15+15	1	74	1	0		19.33	19.32	19.35		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.27	22.34	22.30	32.22	1.6672
20+20	1	0	1	99		15.26	15.25	15.27		
20+20	1	99	1	0		24.22	24.22	24.14		
20+20	100	0	100	0	16-QAM	21.32	21.36	21.29	31.78	1.5066
20+20	1	0	1	99		15.68	15.68	15.70		
20+20	1	99	1	0		23.68	23.78	23.61		
20+20	100	0	100	0	64-QAM	21.31	21.34	21.29	29.50	0.8913
20+20	1	0	1	99		15.59	15.58	15.55		
20+20	1	99	1	0		21.49	21.50	21.41		
20+20	100	0	100	0	256-QAM	19.37	19.43	19.50	27.50	0.5623
20+20	1	0	1	99		15.38	15.39	15.45		
20+20	1	99	1	0		19.47	19.44	19.41		
20+15	100	0	75	0	QPSK	22.36	22.39	22.36	32.23	1.6711
20+15	1	0	1	74		15.42	15.39	15.41		
20+15	1	99	1	0		24.23	24.22	24.09		
20+15	100	0	75	0	16-QAM	21.37	21.39	21.32	31.69	1.4757
20+15	1	0	1	74		15.76	15.92	15.98		
20+15	1	99	1	0		23.69	23.65	23.53		
20+15	100	0	75	0	64-QAM	21.36	21.39	21.23	29.47	0.8851
20+15	1	0	1	74		15.75	15.66	15.66		
20+15	1	99	1	0		21.42	21.47	21.36		
20+15	100	0	75	0	256-QAM	19.39	19.47	19.40	27.55	0.5689
20+15	1	0	1	74		15.58	15.63	15.62		
20+15	1	99	1	0		19.55	19.53	19.34		
15+20	75	0	100	0	QPSK	22.36	22.38	22.33	32.41	1.7418
15+20	1	0	1	99		15.53	15.53	15.53		
15+20	1	74	1	0		24.41	24.29	24.28		
15+20	75	0	100	0	16-QAM	21.40	21.38	21.32	31.85	1.5311
15+20	1	0	1	99		16.10	16.04	15.90		
15+20	1	74	1	0		23.83	23.74	23.85		
15+20	75	0	100	0	64-QAM	21.37	21.38	21.22	29.65	0.9226
15+20	1	0	1	99		15.88	15.87	15.85		
15+20	1	74	1	0		21.65	21.57	21.45		
15+20	75	0	100	0	256-QAM	19.45	19.49	19.33	27.63	0.5794
15+20	1	0	1	99		15.63	15.66	15.73		
15+20	1	74	1	0		19.63	19.63	19.53		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.38	22.41	22.32	32.26	1.6827
20+10	1	0	1	49		15.48	15.43	15.47		
20+10	1	99	1	0		24.26	24.12	24.06		
20+10	100	0	50	0	16-QAM	21.40	21.40	21.27	31.71	1.4825
20+10	1	0	1	49		15.94	15.91	15.91		
20+10	1	99	1	0		23.71	23.66	23.52		
20+10	100	0	50	0	64-QAM	21.39	21.40	21.23	29.59	0.9099
20+10	1	0	1	49		15.76	15.73	15.78		
20+10	1	99	1	0		21.59	21.40	21.27		
20+10	100	0	50	0	256-QAM	19.43	19.48	19.39	27.52	0.5649
20+10	1	0	1	49		15.64	15.68	15.67		
20+10	1	99	1	0		19.52	19.44	19.39		
10+20	50	0	100	0	QPSK	22.37	22.36	22.32	32.19	1.6558
10+20	1	0	1	99		15.45	15.45	15.43		
10+20	1	49	1	0		24.19	24.09	24.08		
10+20	50	0	100	0	16-QAM	21.38	21.31	21.29	31.65	1.4622
10+20	1	0	1	99		15.85	15.90	15.87		
10+20	1	49	1	0		23.61	23.56	23.65		
10+20	50	0	100	0	64-QAM	21.39	21.34	21.28	29.49	0.8892
10+20	1	0	1	99		15.80	15.83	15.74		
10+20	1	49	1	0		21.49	21.35	21.29		
10+20	50	0	100	0	256-QAM	19.48	19.45	22.37	30.37	1.0889
10+20	1	0	1	99		15.67	15.65	15.65		
10+20	1	49	1	0		19.51	19.39	19.37		
15+15	75	0	75	0	QPSK	22.38	22.44	22.36	32.46	1.7620
15+15	1	0	1	74		15.67	15.62	15.66		
15+15	1	74	1	0		24.46	24.38	24.26		
15+15	75	0	75	0	16-QAM	21.44	21.43	21.35	31.86	1.5346
15+15	1	0	1	74		16.11	16.09	16.11		
15+15	1	74	1	0		23.86	23.85	23.73		
15+15	75	0	75	0	64-QAM	21.47	21.41	21.35	29.68	0.9290
15+15	1	0	1	74		15.90	15.91	15.96		
15+15	1	74	1	0		21.68	21.62	21.42		
15+15	75	0	75	0	256-QAM	19.51	19.53	19.41	27.69	0.5875
15+15	1	0	1	74		15.83	15.86	15.82		
15+15	1	74	1	0		19.69	19.66	19.47		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.48	22.47	22.38	32.42	1.7458
15+10	1	0	1	49		15.76	15.70	15.74		
15+10	1	74	1	0		24.42	24.35	24.23		
15+10	75	0	50	0	16-QAM	21.50	21.44	21.36	31.87	1.5382
15+10	1	0	1	49		16.19	16.11	16.11		
15+10	1	74	1	0		23.87	23.82	23.81		
15+10	75	0	50	0	64-QAM	21.49	21.47	21.33	29.69	0.9311
15+10	1	0	1	49		16.04	15.97	15.94		
15+10	1	74	1	0		21.69	21.61	21.43		
15+10	75	0	50	0	256-QAM	19.52	19.52	19.42	27.68	0.5861
15+10	1	0	1	49		15.86	15.89	15.85		
15+10	1	74	1	0		19.68	19.58	19.51		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.01	22.00	21.99	29.32	0.8551
20+20	1	0	1	99		14.85	14.91	14.89		
20+20	1	99	1	0		23.79	23.82	23.80		
20+20	100	0	100	0	16-QAM	21.02	21.00	21.00	28.89	0.7745
20+20	1	0	1	99		15.31	15.36	15.32		
20+20	1	99	1	0		23.36	23.39	23.38		
20+20	100	0	100	0	64-QAM	21.00	21.01	21.00	26.51	0.4477
20+20	1	0	1	99		15.07	15.13	15.11		
20+20	1	99	1	0		20.93	20.97	20.96		
20+20	100	0	100	0	256-QAM	19.06	19.05	18.92	24.59	0.2877
20+20	1	0	1	99		15.04	15.06	15.04		
20+20	1	99	1	0		19.09	18.96	18.93		
15+15	75	0	75	0	QPSK	22.05	22.08	22.10	29.54	0.8995
15+15	1	0	1	74		15.28	15.27	15.27		
15+15	1	74	1	0		23.99	24.04	24.02		
15+15	75	0	75	0	16-QAM	21.07	21.08	21.09	29.06	0.8054
15+15	1	0	1	74		15.70	15.73	15.72		
15+15	1	74	1	0		23.52	23.56	23.55		
15+15	75	0	75	0	64-QAM	21.08	21.12	21.16	26.66	0.4634
15+15	1	0	1	74		15.45	15.47	15.49		
15+15	1	74	1	0		21.11	21.16	21.16		
15+15	75	0	75	0	256-QAM	19.15	19.14	19.05	24.77	0.2999
15+15	1	0	1	74		15.40	15.45	15.46		
15+15	1	74	1	0		19.27	19.18	19.16		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.58	22.54	22.37	30.00	1.0000
20+20	1	0	1	99		15.50	15.52	15.36		
20+20	1	99	1	0		24.50	24.38	24.18		
20+20	100	0	100	0	16-QAM	21.59	21.57	21.43	29.67	0.9268
20+20	1	0	1	99		16.03	16.08	15.94		
20+20	1	99	1	0		24.17	24.03	23.82		
20+20	100	0	100	0	64-QAM	21.57	21.54	21.40	27.23	0.5284
20+20	1	0	1	99		15.71	15.76	15.58		
20+20	1	99	1	0		21.73	21.60	21.37		
20+20	100	0	100	0	256-QAM	19.70	19.55	19.35	25.26	0.3357
20+20	1	0	1	99		15.65	15.71	15.55		
20+20	1	99	1	0		19.76	19.49	19.29		
20+15	100	0	75	0	QPSK	22.63	22.57	22.42	29.98	0.9954
20+15	1	0	1	74		15.61	15.66	15.49		
20+15	1	99	1	0		24.48	24.36	24.21		
20+15	100	0	75	0	16-QAM	21.67	21.58	21.42	29.64	0.9204
20+15	1	0	1	74		16.18	16.22	16.06		
20+15	1	99	1	0		24.14	24.02	23.83		
20+15	100	0	75	0	64-QAM	21.64	21.58	21.42	27.17	0.5212
20+15	1	0	1	74		15.86	15.88	15.72		
20+15	1	99	1	0		21.67	21.57	21.38		
20+15	100	0	75	0	256-QAM	19.77	19.56	19.40	25.27	0.3365
20+15	1	0	1	74		15.78	15.83	15.67		
20+15	1	99	1	0		19.74	19.47	19.32		
15+20	75	0	100	0	QPSK	22.62	22.60	22.40	30.15	1.0351
15+20	1	0	1	99		15.75	15.78	15.59		
15+20	1	74	1	0		24.65	24.48	24.30		
15+20	75	0	100	0	16-QAM	21.65	21.64	21.46	29.78	0.9506
15+20	1	0	1	99		16.26	16.34	16.17		
15+20	1	74	1	0		24.28	24.12	23.87		
15+20	75	0	100	0	64-QAM	21.64	21.59	21.43	27.32	0.5395
15+20	1	0	1	99		15.98	16.01	15.82		
15+20	1	74	1	0		21.82	21.67	21.48		
15+20	75	0	100	0	256-QAM	19.80	19.59	19.43	25.39	0.3459
15+20	1	0	1	99		15.94	15.95	15.79		
15+20	1	74	1	0		19.89	19.57	19.41		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.65	22.58	22.47	29.94	0.9863
20+10	1	0	1	49		15.66	15.71	15.54		
20+10	1	99	1	0		24.44	24.30	24.14		
20+10	100	0	50	0	16-QAM	21.68	21.63	21.48	29.60	0.9120
20+10	1	0	1	49		16.19	16.27	16.13		
20+10	1	99	1	0		24.10	23.93	23.75		
20+10	100	0	50	0	64-QAM	21.67	21.60	21.44	27.17	0.5212
20+10	1	0	1	49		15.88	15.99	15.80		
20+10	1	99	1	0		21.63	21.50	21.35		
20+10	100	0	50	0	256-QAM	19.82	19.58	19.44	25.32	0.3404
20+10	1	0	1	49		15.88	15.91	15.74		
20+10	1	99	1	0		19.73	19.43	19.27		
10+20	50	0	100	0	QPSK	22.57	22.52	22.35	29.90	0.9772
10+20	1	0	1	99		15.64	15.63	15.45		
10+20	1	49	1	0		24.40	24.24	24.06		
10+20	50	0	100	0	16-QAM	21.62	21.58	21.41	29.54	0.8995
10+20	1	0	1	99		16.21	16.24	16.05		
10+20	1	49	1	0		24.04	23.88	23.67		
10+20	50	0	100	0	64-QAM	21.59	21.53	21.37	27.09	0.5117
10+20	1	0	1	99		15.88	15.93	15.72		
10+20	1	49	1	0		21.57	21.45	21.24		
10+20	50	0	100	0	256-QAM	19.80	19.61	19.43	25.30	0.3388
10+20	1	0	1	99		15.84	15.86	15.67		
10+20	1	49	1	0		19.65	19.38	19.20		
20+5	100	0	25	0	QPSK	22.61	22.54	22.35	29.83	0.9616
20+5	1	0	1	24		15.73	15.75	15.52		
20+5	1	99	1	0		24.33	24.20	24.01		
20+5	100	0	25	0	16-QAM	21.63	21.54	21.36	29.47	0.8851
20+5	1	0	1	24		16.26	16.31	16.10		
20+5	1	99	1	0		23.97	23.83	23.64		
20+5	100	0	25	0	64-QAM	21.62	21.55	21.36	27.12	0.5152
20+5	1	0	1	24		15.96	15.97	15.79		
20+5	1	99	1	0		21.56	21.40	21.20		
20+5	100	0	25	0	256-QAM	19.80	19.58	19.39	25.30	0.3388
20+5	1	0	1	24		15.93	15.98	15.77		
20+5	1	99	1	0		19.65	19.40	19.19		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.55	22.51	22.29	29.86	0.9683
5+20	1	0	1	99		15.73	15.70	15.46		
5+20	1	24	1	0		24.36	24.16	23.98		
5+20	25	0	100	0	16-QAM	21.61	21.55	21.35	29.45	0.8810
5+20	1	0	1	99		16.25	16.22	16.02		
5+20	1	24	1	0		23.95	23.78	23.57		
5+20	25	0	100	0	64-QAM	21.64	21.56	21.38	27.14	0.5176
5+20	1	0	1	99		15.97	15.94	15.72		
5+20	1	24	1	0		21.56	21.37	21.16		
5+20	25	0	100	0	256-QAM	19.81	19.58	19.40	25.31	0.3396
5+20	1	0	1	99		15.93	15.93	15.70		
5+20	1	24	1	0		19.67	19.32	19.15		
15+10	75	0	50	0	QPSK	22.68	22.63	22.45	30.12	1.0280
15+10	1	0	1	49		15.90	15.90	15.73		
15+10	1	74	1	0		24.62	24.48	24.30		
15+10	75	0	50	0	16-QAM	21.71	21.62	21.49	29.72	0.9376
15+10	1	0	1	49		16.47	16.48	16.27		
15+10	1	74	1	0		24.22	24.12	23.87		
15+10	75	0	50	0	64-QAM	21.70	21.61	21.47	27.31	0.5383
15+10	1	0	1	49		16.16	16.20	15.97		
15+10	1	74	1	0		21.81	21.68	21.49		
15+10	75	0	50	0	256-QAM	19.87	19.63	19.47	25.40	0.3467
15+10	1	0	1	49		16.10	16.15	15.93		
15+10	1	74	1	0		19.90	19.61	19.43		
10+15	50	0	75	0	QPSK	22.60	22.52	22.38	29.89	0.9750
10+15	1	0	1	74		15.72	15.72	15.55		
10+15	1	49	1	0		24.39	24.22	24.12		
10+15	50	0	75	0	16-QAM	21.65	21.58	21.43	29.56	0.9036
10+15	1	0	1	74		16.30	16.28	16.08		
10+15	1	49	1	0		24.06	23.88	23.73		
10+15	50	0	75	0	64-QAM	21.64	21.55	21.39	27.14	0.5176
10+15	1	0	1	74		15.97	15.97	15.96		
10+15	1	49	1	0		21.58	21.42	21.27		
10+15	50	0	75	0	256-QAM	19.87	19.63	19.50	25.37	0.3443
10+15	1	0	1	74		15.94	15.94	15.75		
10+15	1	49	1	0		19.69	19.38	19.25		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG432920-02B

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
15+15	75	0	75	0	QPSK	22.72	22.62	22.46	30.19	1.0447
15+15	1	0	1	74		15.85	15.89	15.71		
15+15	1	74	1	0		24.69	24.55	24.37		
15+15	75	0	75	0	16-QAM	21.72	21.63	21.50	29.77	0.9484
15+15	1	0	1	74		16.38	16.43	16.25		
15+15	1	74	1	0		24.27	24.13	23.96		
15+15	75	0	75	0	64-QAM	21.71	21.62	21.46	27.36	0.5445
15+15	1	0	1	74		16.08	16.11	15.94		
15+15	1	74	1	0		21.86	21.75	21.55		
15+15	75	0	75	0	256-QAM	19.83	19.61	19.46	25.40	0.3467
15+15	1	0	1	74		16.02	16.05	15.88		
15+15	1	74	1	0		19.90	19.67	19.47		
Limit	EIRP < 2W					Result			Pass	

LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.53
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.59	19.66	-

Mode	LTE Band 5B : 26dB BW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.56
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.53	19.5	-

Mode	LTE Band 5B : 26dB BW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.53
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.56	19.50	-

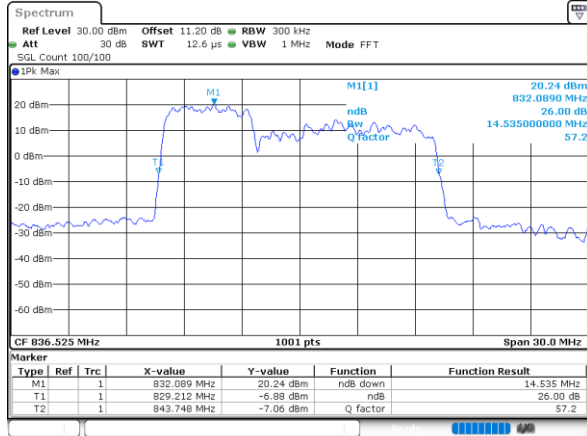
Mode	LTE Band 5B : 26dB BW(MHz)		
	256QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	-	-	14.47
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.80	19.66	-



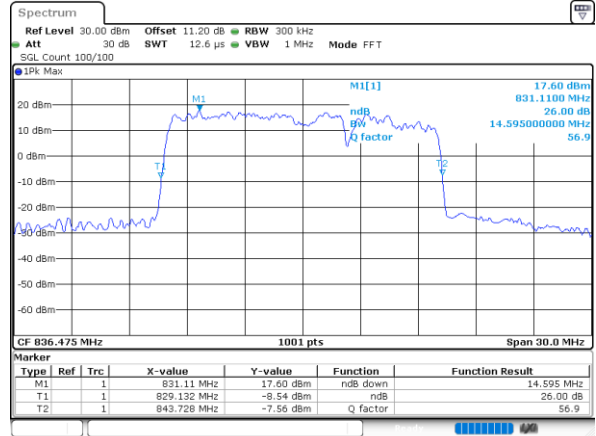
LTE Band 5B

QPSK

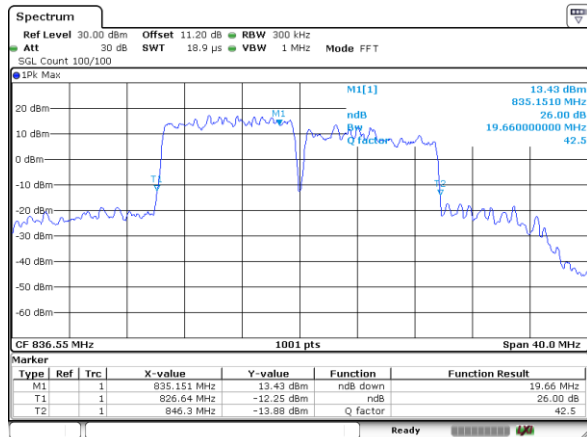
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



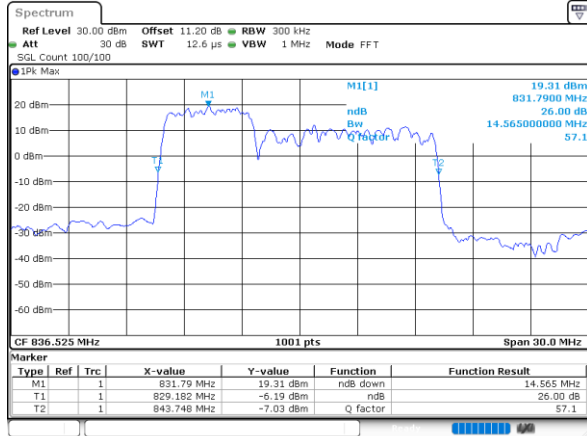
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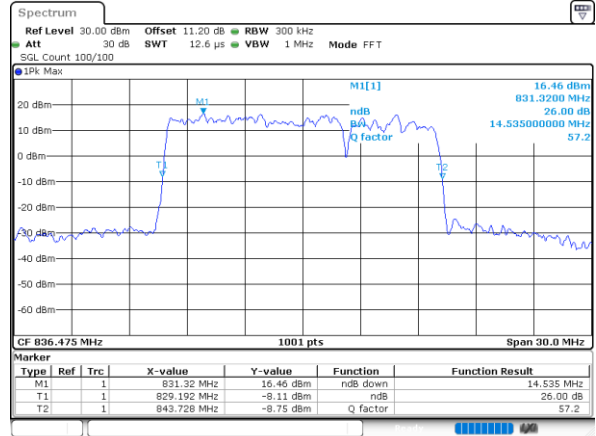
LTE Band 5B

16QAM

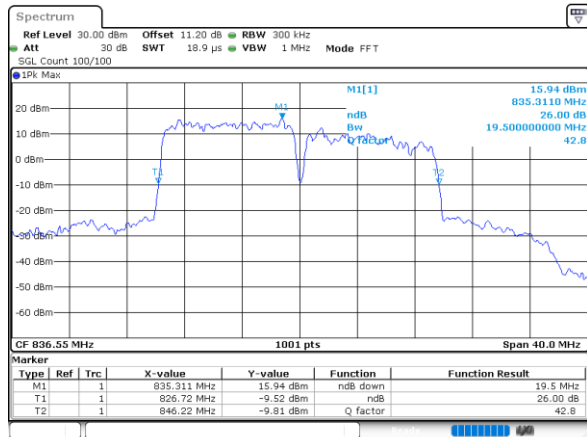
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



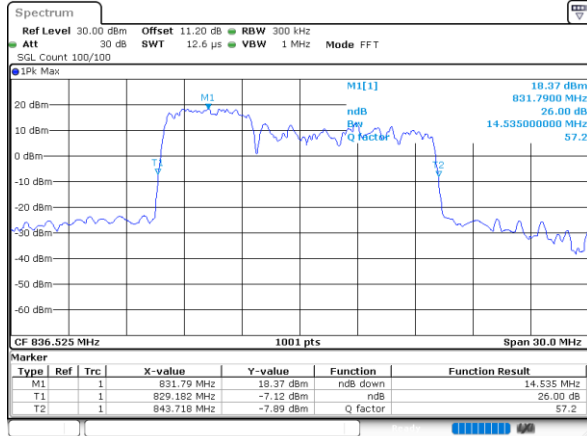
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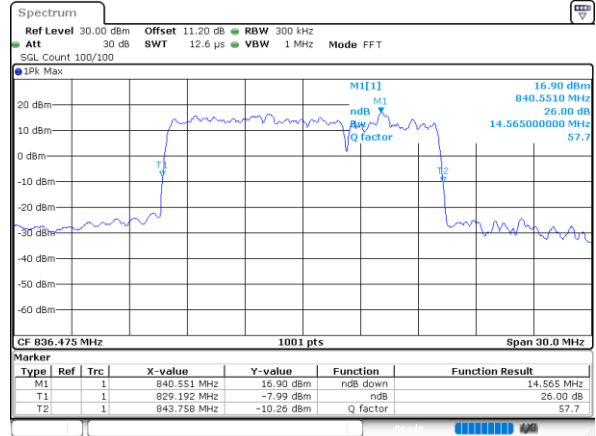
LTE Band 5B

64QAM

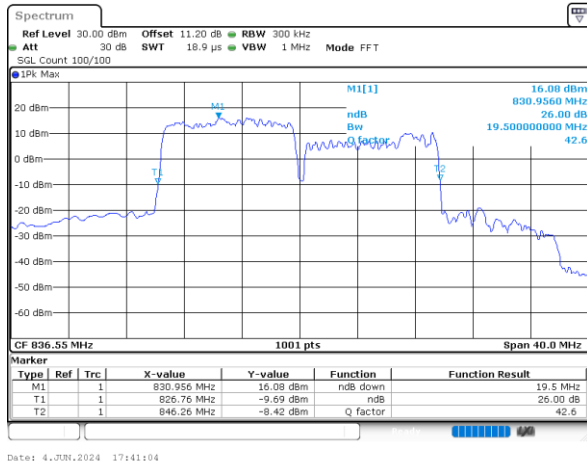
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



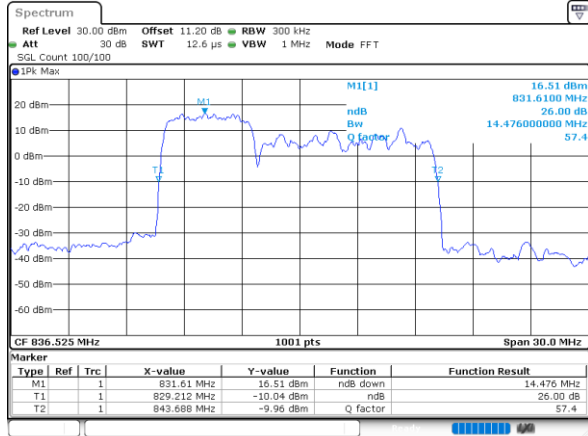
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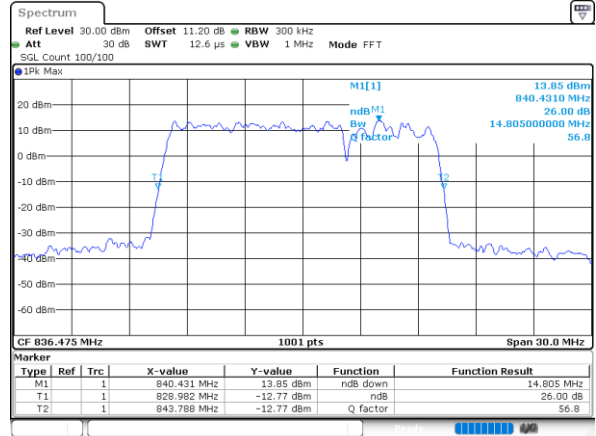
LTE Band 5B

256QAM

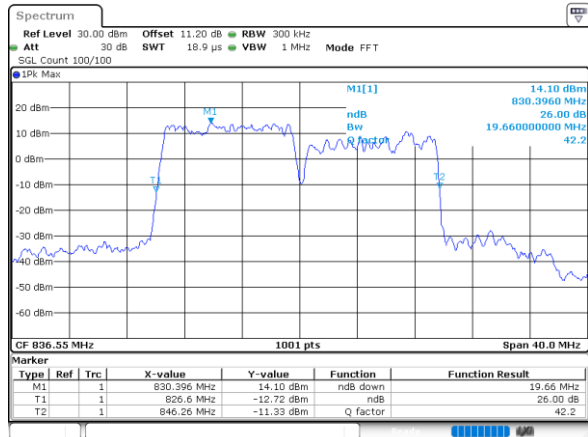
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	NA	NA	13.78
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.87	18.58	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	NA	NA	13.81
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.81	18.54	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	NA	NA	13.81
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.69	18.82	-

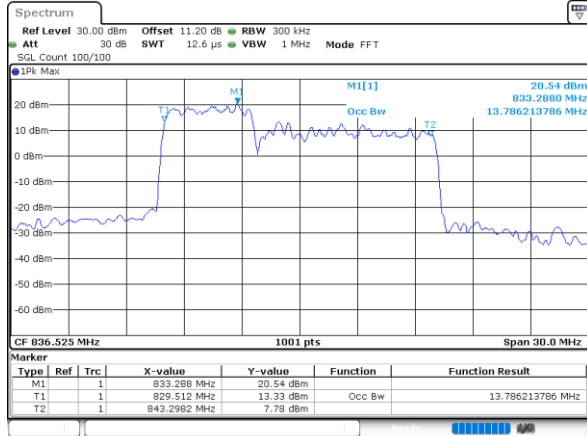
Mode	LTE Band 5B : 99%OBW(MHz)		
	254QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	NA	NA	13.72
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.66	18.62	-



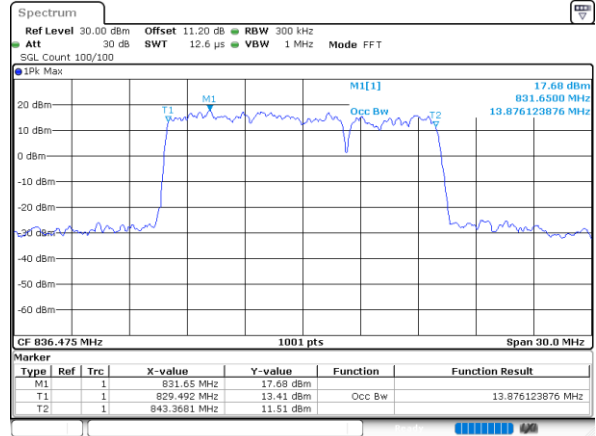
LTE Band 5B

QPSK

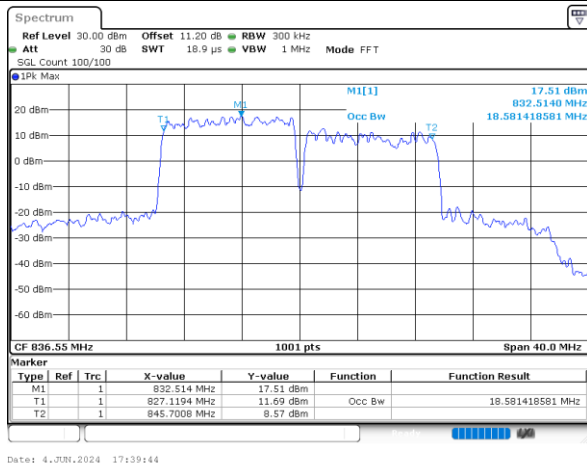
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



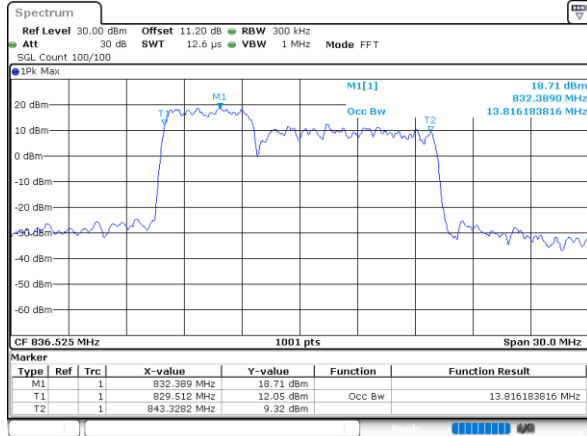
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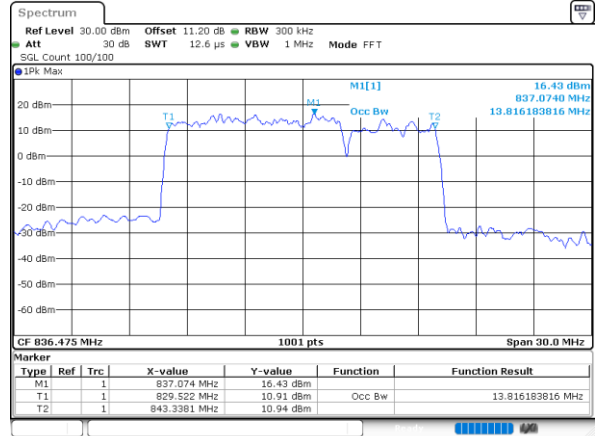
LTE Band 5B

16QAM

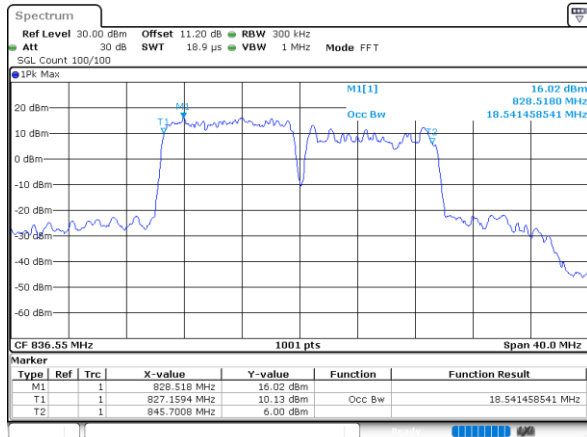
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



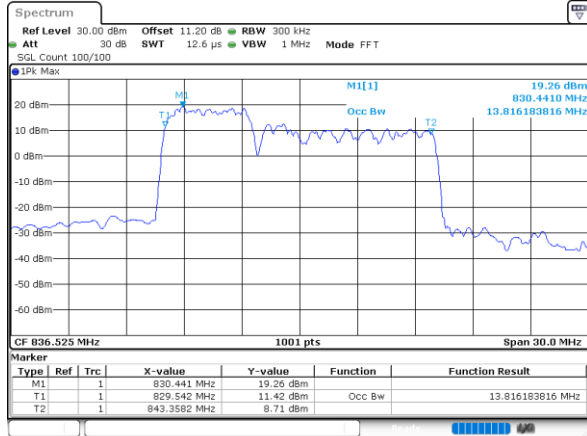
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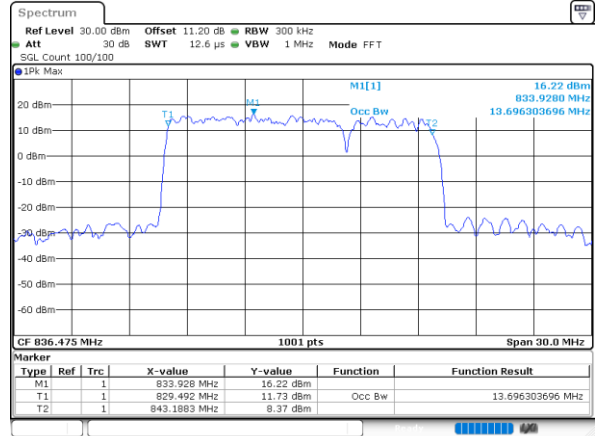
LTE Band 5B

64QAM

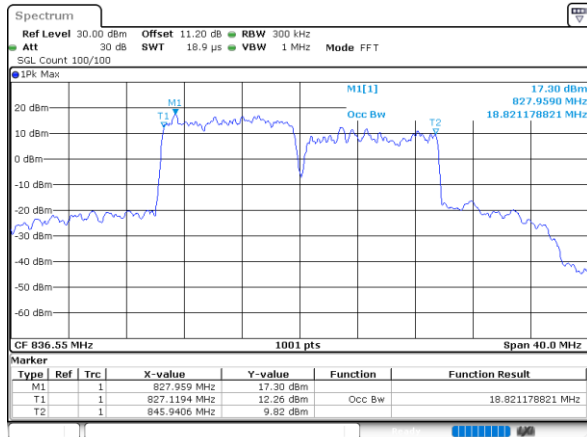
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



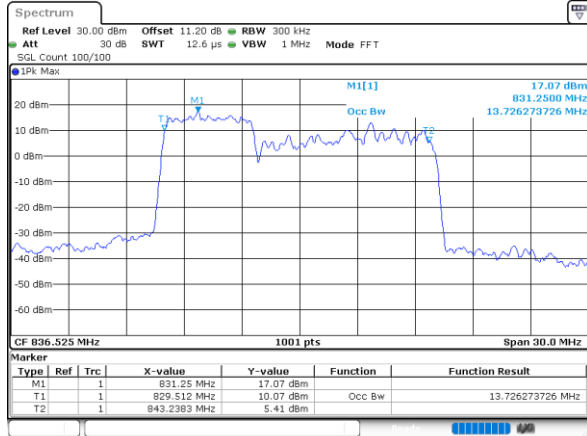
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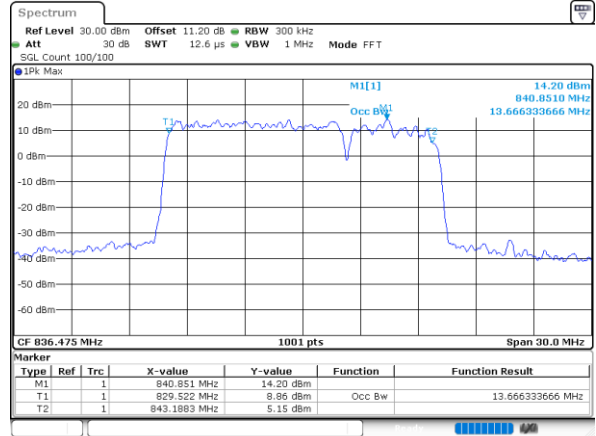
LTE Band 5B

256QAM

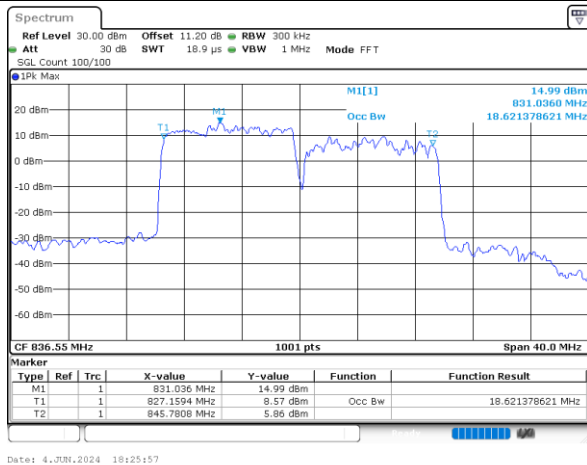
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



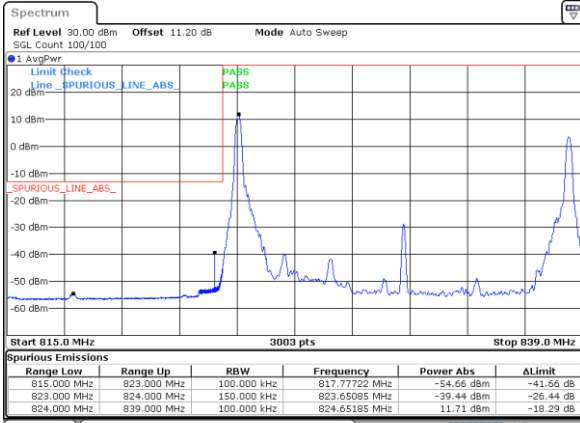
Conducted Band Edge



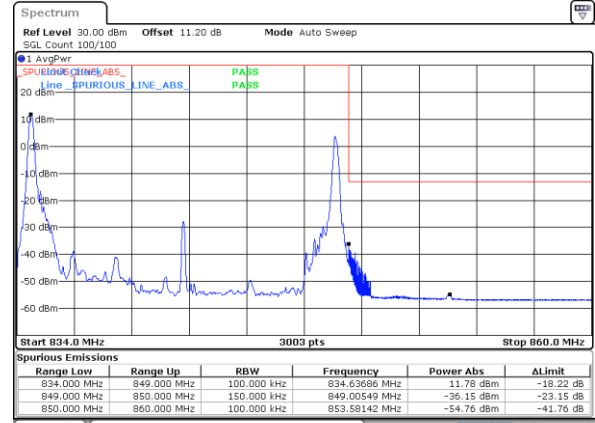
LTE Band 5B / 5MHz+10MHz

QPSK

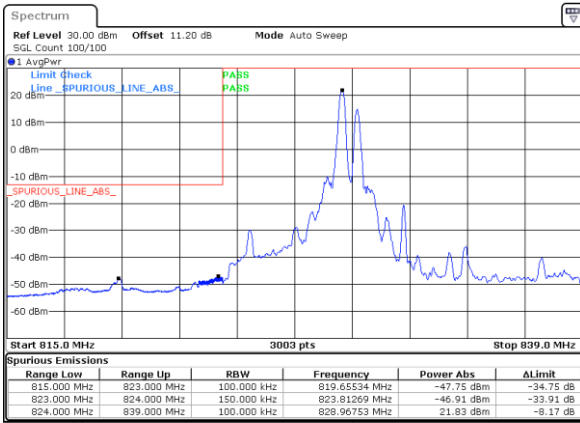
Lowest Band Edge / 1RB0 and 1RB49



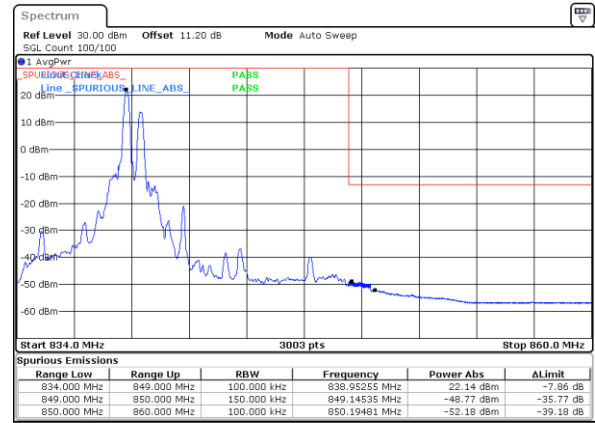
Highest Band Edge / 1RB0 and 1RB49



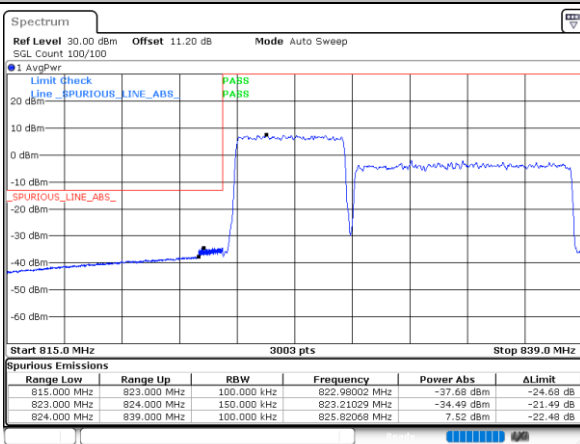
Lowest Band Edge / 1RB24 and 1RB0



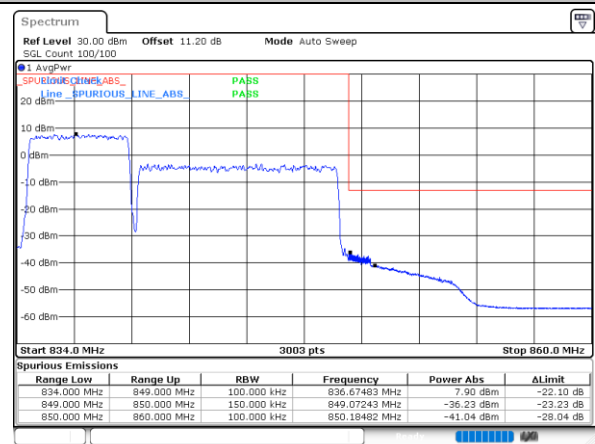
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

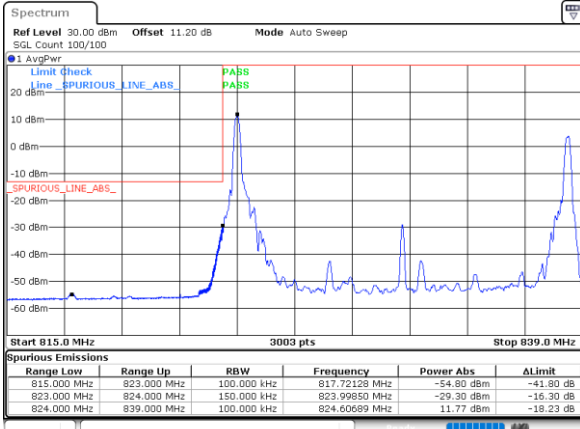




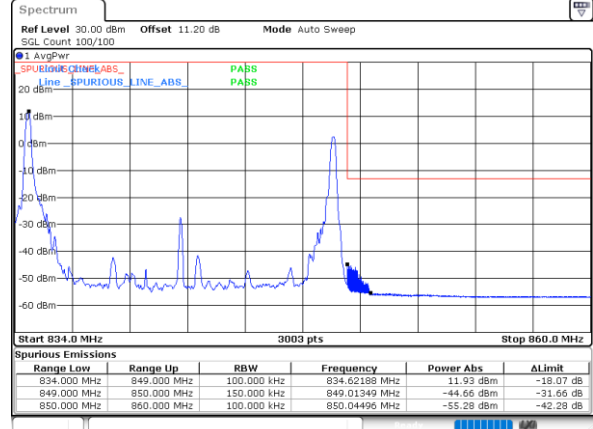
LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

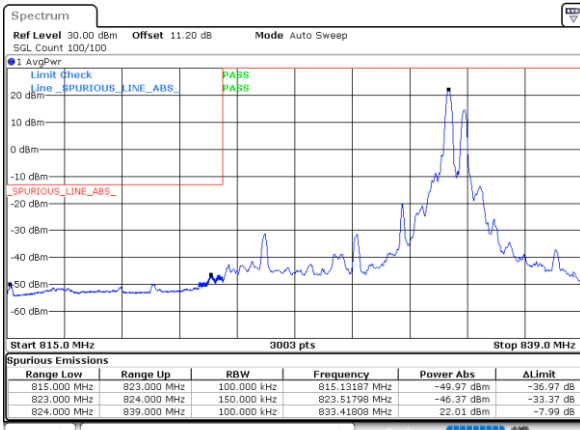


Highest Band Edge / 1RB0 and 1RB24

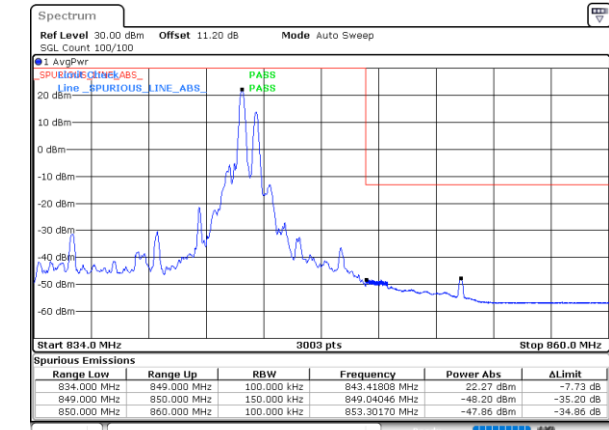


SK

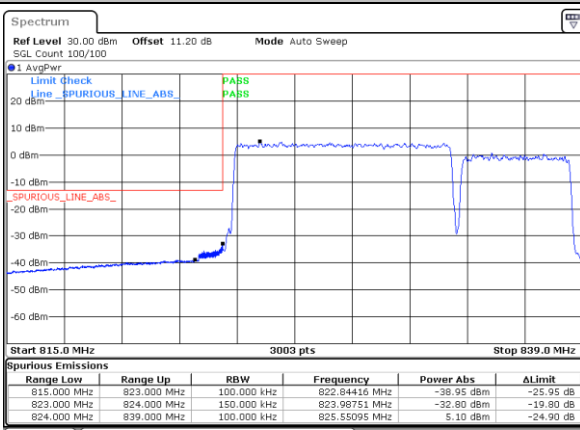
Lowest Band Edge / 1RB49 and 1RB0



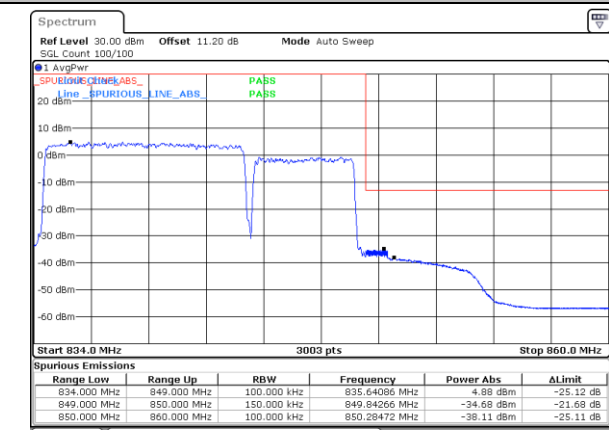
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

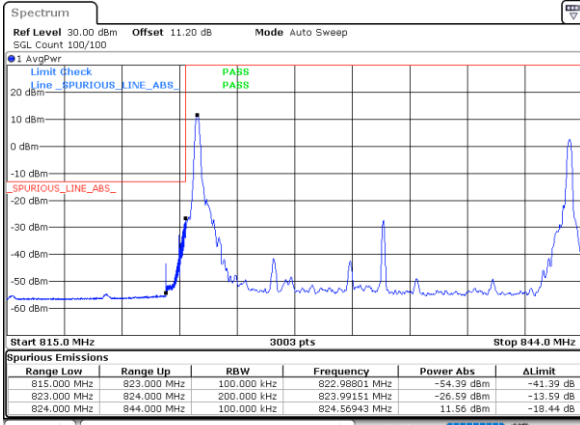




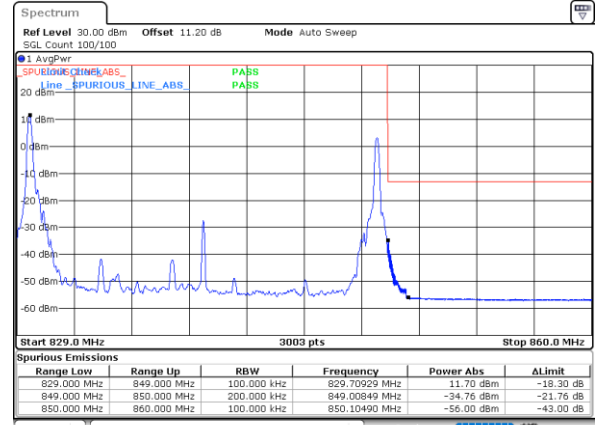
LTE Band 5B / 10MHz+10MHz

QPSK

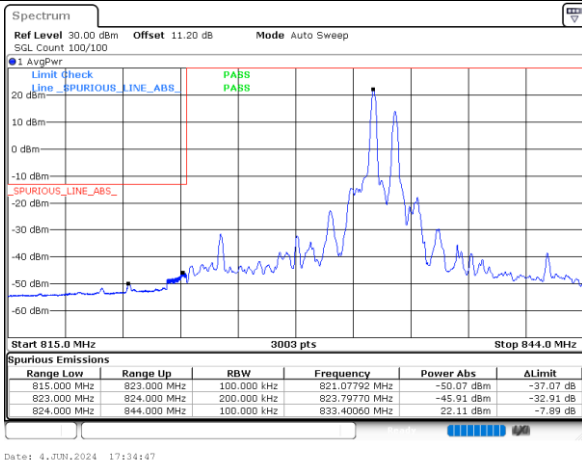
Lowest Band Edge / 1RB0 and 1RB49



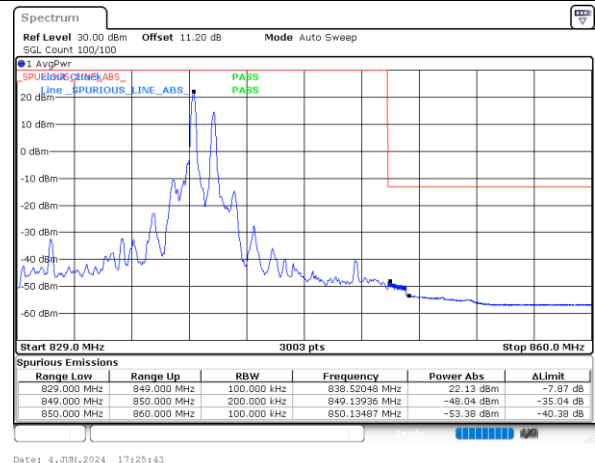
Highest Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

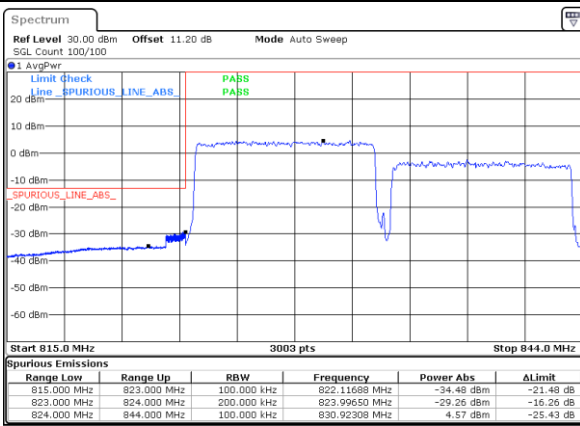


Highest Band Edge / 1RB49 and 1RB0

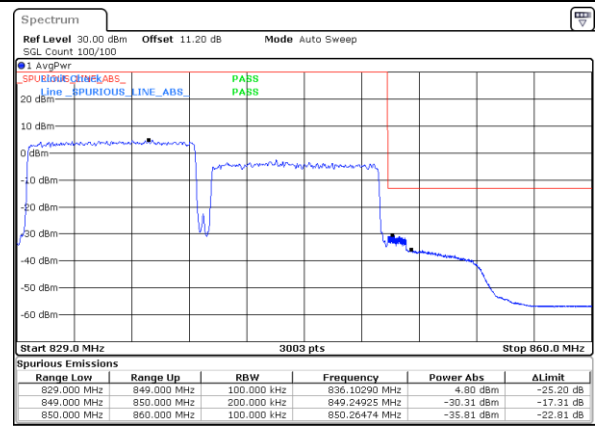


K

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

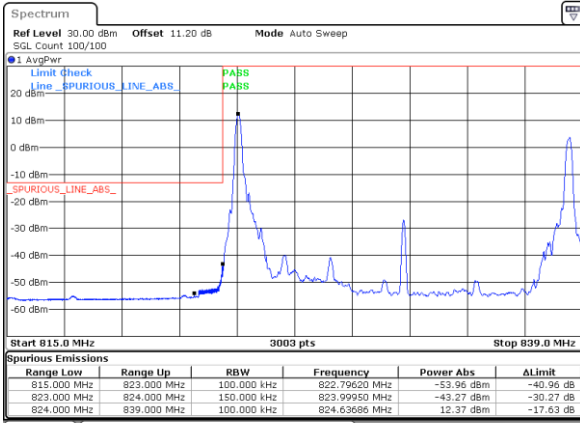




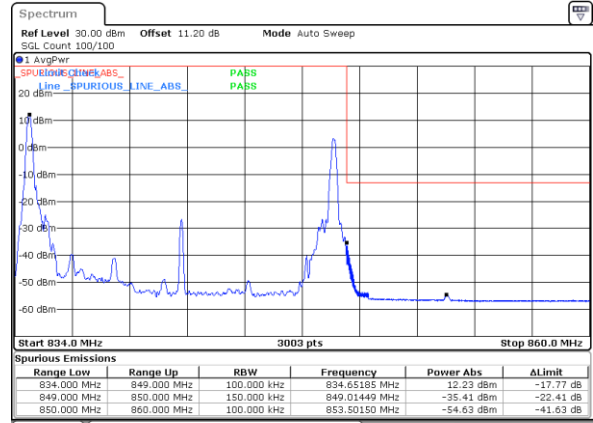
LTE Band 5B / 5MHz+10MHz

16QAM

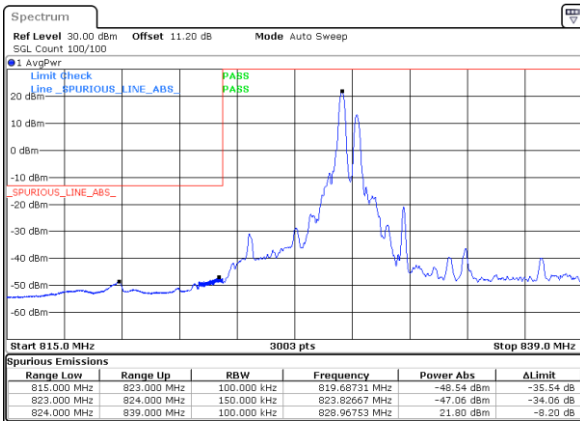
Lowest Band Edge / 1RB0 and 1RB49



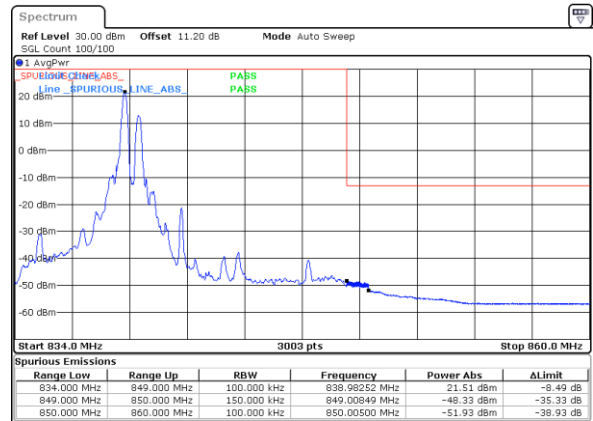
Highest Band Edge / 1RB0 and 1RB49



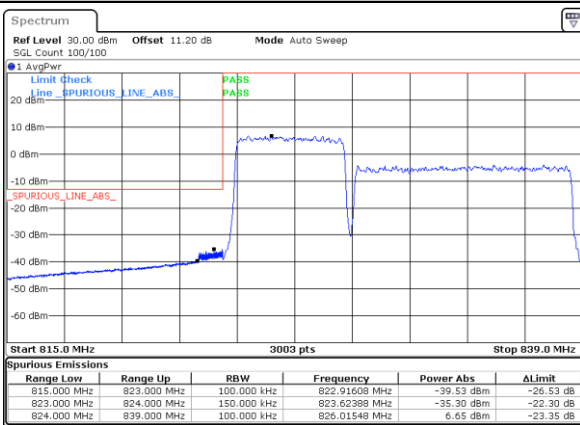
Lowest Band Edge / 1RB24 and 1RB0



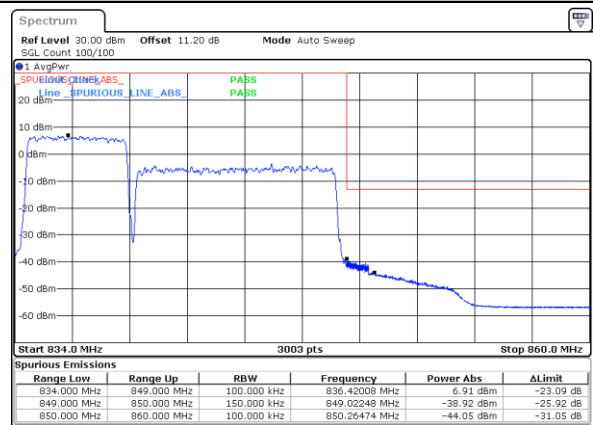
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

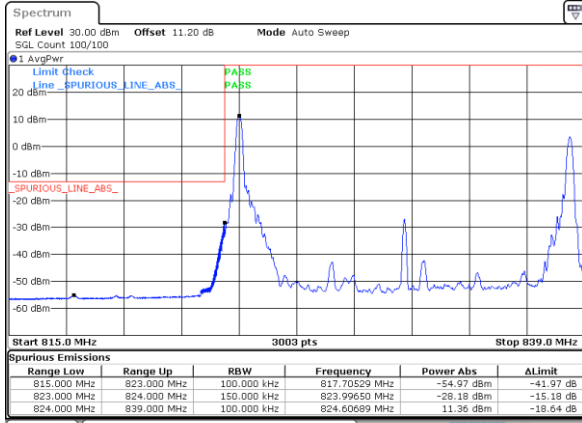




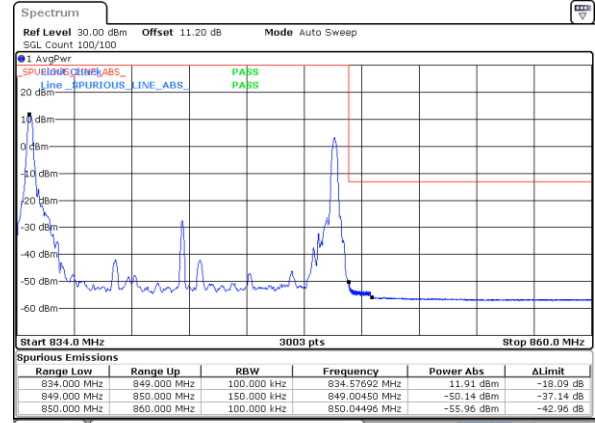
LTE Band 5B / 10MHz+5MHz

16QAM

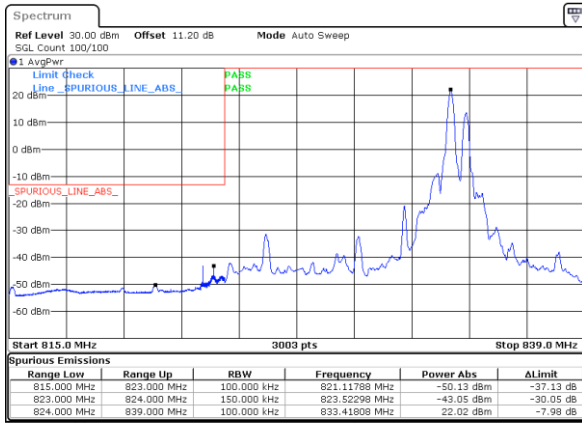
Lowest Band Edge / 1RB0 and 1RB24



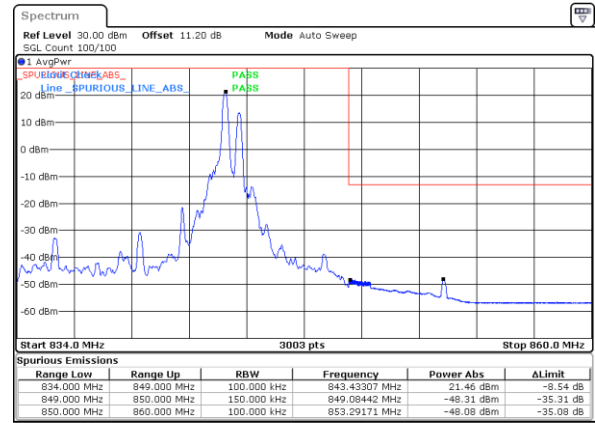
Highest Band Edge / 1RB0 and 1RB24



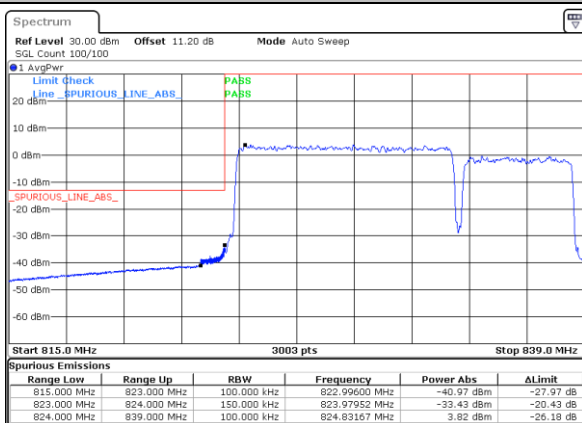
Lowest Band Edge / 1RB49 and 1RB0



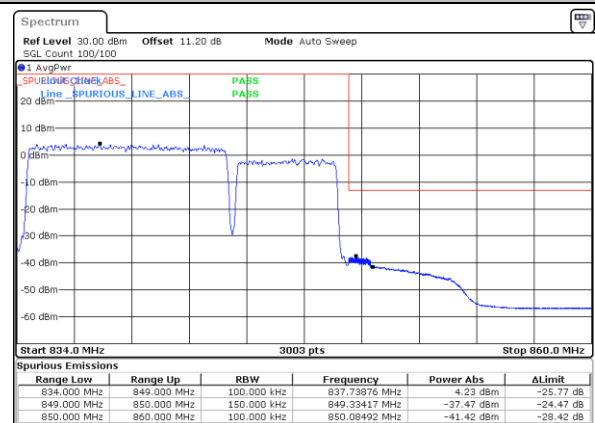
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

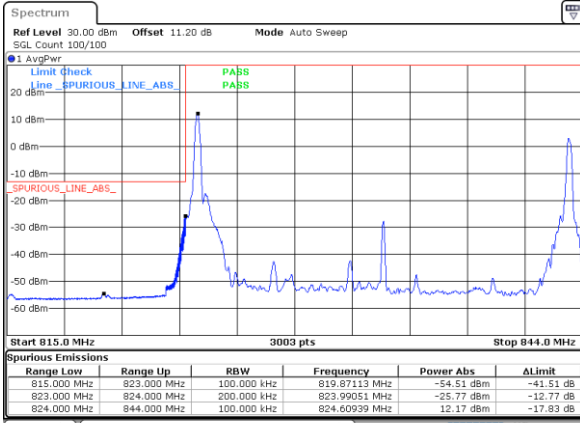




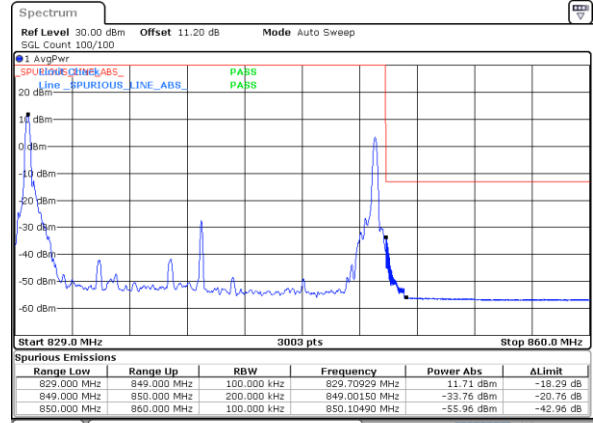
LTE Band 5B / 10MHz+10MHz

16QAM

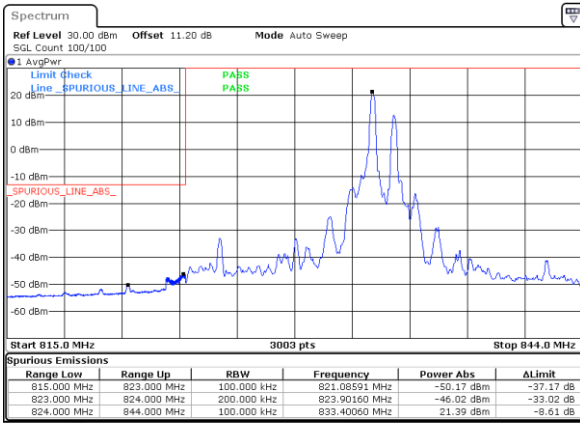
Lowest Band Edge / 1RB0 and 1RB49



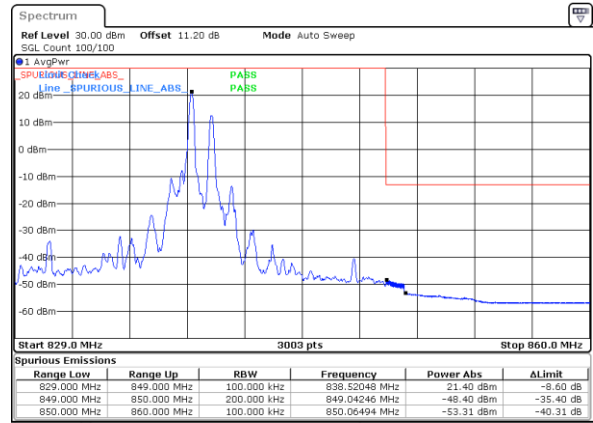
Highest Band Edge / 1RB0 and 1RB49



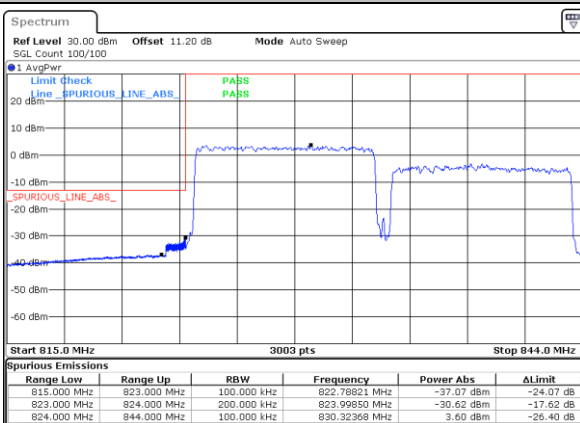
Lowest Band Edge / 1RB49 and 1RB0



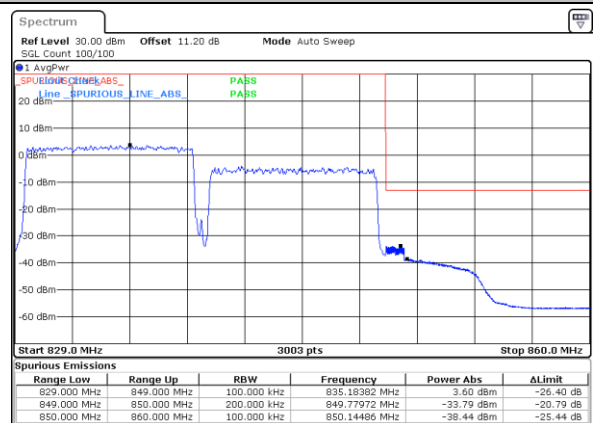
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

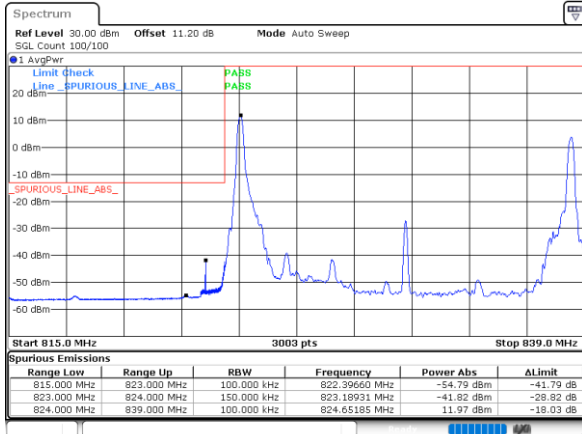




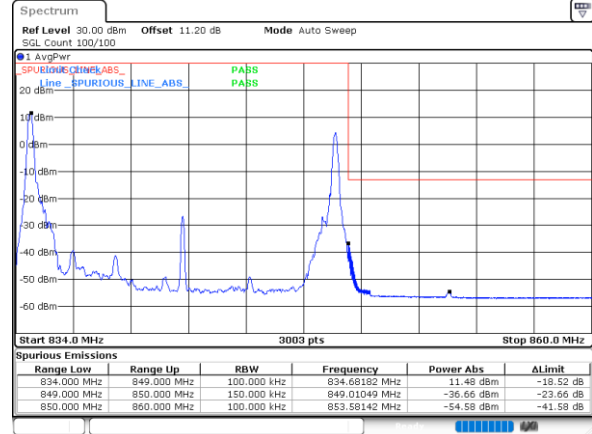
LTE Band 5B / 5MHz+10MHz

64QAM

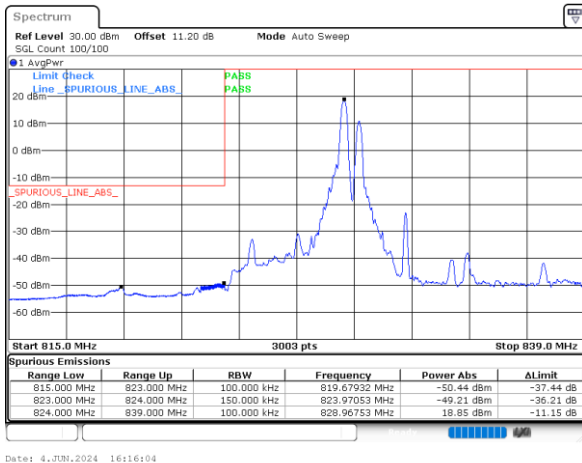
Lowest Band Edge / 1RB0 and 1RB49



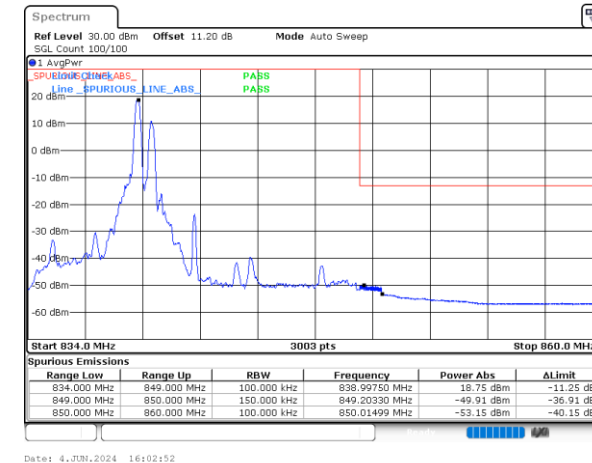
Highest Band Edge / 1RB0 and 1RB49



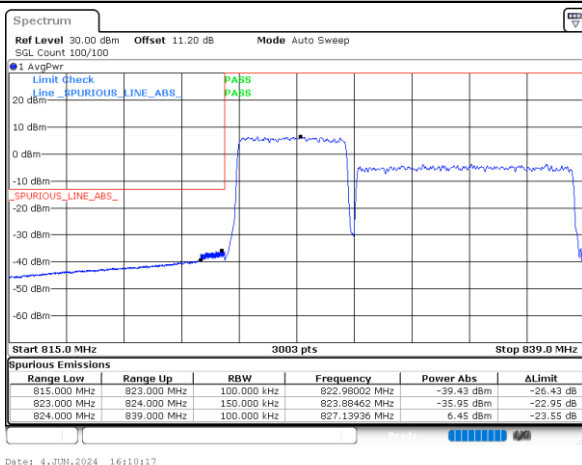
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

