

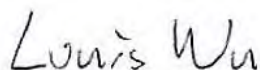


FCC RADIO TEST REPORT

FCC ID : RI7FE990B40NA
Equipment : 5G NR Module
Brand Name : 
Model Name : FE990B40-NA, FE990B40-NAD
Marketing Name : FE990B40-NA, FE990B40-NAD
Applicant : Telit Communications S.p.A.
Via Stazione Di Prosecco 5/B, Trieste 34010, Italy
Manufacturer : Telit Communications S.p.A.
Via Stazione Di Prosecco 5/B, Trieste 34010, Italy
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R),
Part 90(S)

The product was received on Oct. 08, 2024 and testing was performed from Oct. 15, 2024 to Apr. 10, 2025. 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.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	7
1.1 Product Feature of Equipment Under Test.....	7
1.2 Modification of EUT	8
1.3 Testing Location	9
1.4 Applicable Standards.....	9
2 Test Configuration of Equipment Under Test	10
2.1 Test Mode.....	10
2.2 Connection Diagram of Test System.....	11
2.3 Support Unit used in test configuration and system	11
2.4 Measurement Results Explanation Example.....	11
2.5 Frequency List of Low/Middle/High Channels	12
3 Conducted Test Items.....	31
3.1 Measuring Instruments	31
3.2 Conducted Output Power and ERP/EIRP	32
3.3 Peak-to-Average Ratio	33
3.4 Occupied Bandwidth.....	34
3.5 Conducted Band Edge	35
3.6 Emission Mask.....	38
3.7 Conducted Spurious Emission	40
3.8 Frequency Stability	41
4 Radiated Test Items	42
4.1 Measuring Instruments	42
4.2 Radiated Spurious Emission Measurement	44
5 List of Measuring Equipment.....	46
6 Measurement Uncertainty	48
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG492402A	01	Initial issue of report	May 27, 2025



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)	Equivalent Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (k)(4) §27.50 (j)(4)	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)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measuremen (Band 43)		
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)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (Band 43)		
	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.213	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §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	-
	§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)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		

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:

1. 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.
2. The purpose of different model name is for marketing segmentation.

Reviewed by: Keven Cheng**Report Producer: Lucy Wu**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	LTE/5G NR and GNSS.
Antenna Type	Monopole Antenna

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66, B71, B2C, B5B, B7C, B12B, B38C, B41C, B42C, B43C, B66B, B66C
Evaluated and Tested band	B7, B12, B13, B14, B25, B26, B30, B41, B42, B43, B66, B71, B2C, B5B, B7C, B12B, B41C, B42C, B43C, B66B and B66C
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B66 cover B4 (Part 27) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27)

FDD/TDD band Power Class				
	SISO PC3	SISO PC2		
B2/B2C	V			
B4	V			
B5/B5B	V			
B7/B7C	V			
B12/B12B	V			
B13	V			
B14	V			
B17	V			
B25	V			
B26	V			
B30	V			
B38/ B38C	V	V		
B41/ B41C	V	V		
B42/ B42C	V			
B43/ B43C	V			
B66/B66C	V			
B71	V			

RF Exposure							
Max Antenna Gain information(dBi)							
Band	Ant0	Ant2					Main Ant. #
B2	7.5						0
B4	4.5						0
B5	9.9						0
B7	8.5						0
B12	9.6						0
B13	10.1						0
B14	10.2						0
B17	9.6						0
B25	7.5						0
B26	9.9						0
B30	0						0
B38(PC3)	8.5						0
B38(PC2)	5.5						0
B41(PC3)	8.5						0
B41(PC2)	5.5						0
B42		0.5					2
B43		0.5					2
B66	4.5						0
B71	8.4						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	Bryant Liu
Temperature (°C)	22.1~23.8
Relative Humidity (%)	50.1~55.9

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH20-HY (TAF Code: 3786)
Test Engineer	John Chuang, David Dai and Sam Chou
Temperature (°C)	19.4~22.3
Relative Humidity (%)	65.2~70.7
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 the test items were validated and recorded in accordance with the standards without any modification during the testing.
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 two config (Degree 0 and Degree 90), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

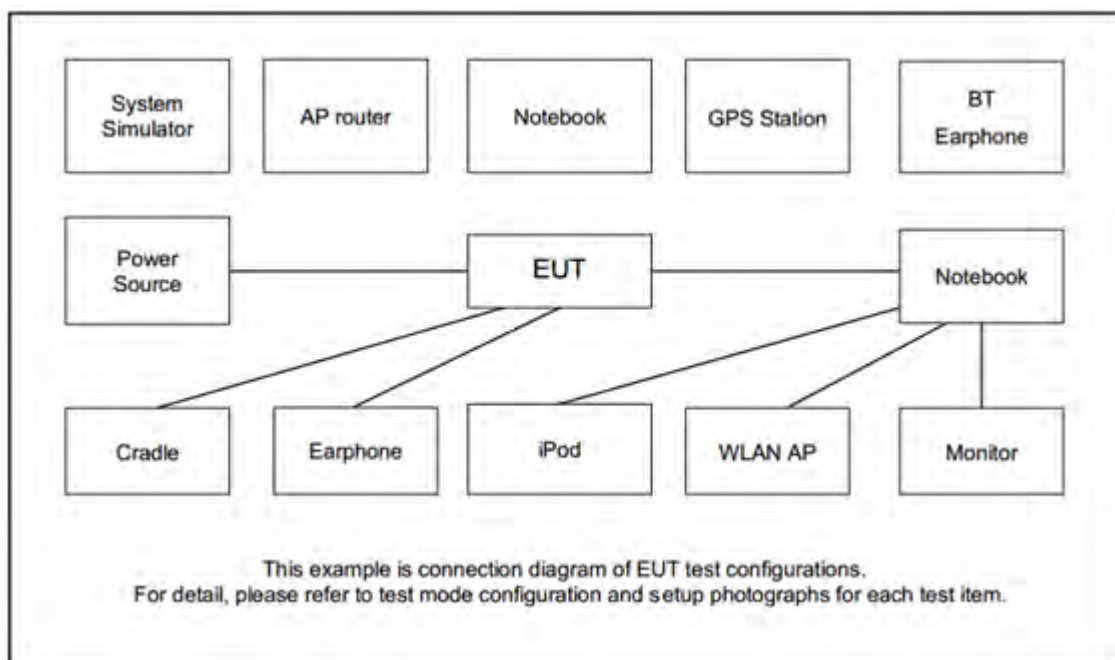
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
ERP / 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, M, 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.
4. For LTE B38 and B41 support PC2 & PC3, the PC2 & PC3 have the same modulation, EIRP power and BW. Therefore, the report only performed Higher Conducted power (PC2) test results.
5. For LTE B38C and B41C the test country code is set to MCC 310

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.	Notebook	Dell	Latitude5310	FCC DoC	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8m

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 (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	26790	-
	Frequency	821.5	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-



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

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

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



LTE Band 42 Channel and Frequency List (Part27Q)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43115
	Frequency	3452.5	3500	3552.5

LTE Band 43 Channel and Frequency List (Part27O)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	44690	45090	45490
	Frequency	3710	3750	3790
15	Channel	44665	45090	45515
	Frequency	3707.5	3750	3792.5
10	Channel	44640	45090	45540
	Frequency	3705	3750	3795
5	Channel	44615	45090	45565
	Frequency	3702.5	3750	3797.5



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

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



LTE Band 2C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	18653	18829	19005
		Frequency	1855.3	1872.9	1890.5
	SCC	Channel	18773	18949	19125
		Frequency	1867.3	1884.9	1902.5
15 + 10	PCC	Channel	18675	18851	19027
		Frequency	1857.5	1875.1	1892.7
	SCC	Channel	18795	18971	19147
		Frequency	1869.5	1887.1	1904.7
10 + 20	PCC	Channel	18655	18806	18956
		Frequency	1855.5	1870.6	1885.6
	SCC	Channel	18799	18950	19100
		Frequency	1869.9	1885	1900
20 + 10	PCC	Channel	18700	18551	19001
		Frequency	1860	1875.1	1890.1
	SCC	Channel	18844	18995	19145
		Frequency	1874.4	1889.5	1904.5
15 + 15	PCC	Channel	18675	18825	18975
		Frequency	1857.5	1872.5	1887.5
	SCC	Channel	18825	18975	19125
		Frequency	1872.5	1887.5	1902.5
15 + 20	PCC	Channel	18678	18803	18929
		Frequency	1857.8	1870.3	1882.9
	SCC	Channel	18849	18974	19100
		Frequency	1874.9	1887.4	1900
20 + 20	PCC	Channel	18700	18801	18902
		Frequency	1860	1870.1	1880.2
	SCC	Channel	18898	18999	19100
		Frequency	1879.8	1889.9	1900
20 + 15	PCC	Channel	18700	18826	18951
		Frequency	1860	1872.6	1885.1
	SCC	Channel	18871	18997	19122
		Frequency	1877.1	1889.7	1902.2



LTE Band 2C Channel and Frequency List_CA					
20 + 5	PCC	Channel	18700	18875	19050
		Frequency	1860	1877.5	1895
	SCC	Channel	18817	18992	19167
		Frequency	1871.7	1889.2	1906.7
5 + 20	PCC	Channel	18633	18808	18983
		Frequency	1853.3	1870.8	1888.3
	SCC	Channel	18750	18925	19100
		Frequency	1865	1882.5	1900

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



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



LTE Band 12B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	23035	23071	23107
		Frequency	701.5	705.1	708.7
	SCC	Channel	23083	23119	23155
		Frequency	706.3	709.9	713.5
5 + 10	PCC	Channel	23038	23048	23058
		Frequency	701.8	702.8	703.8
	SCC	Channel	23110	23120	23130
		Frequency	709	710	711

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



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



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



LTE Band 42C Channel and Frequency List_CA (Part27Q)					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	42190	42491	42791
		Frequency	3460	3490.1	3520.1
	SCC	Channel	42388	42689	42990
		Frequency	3479.8	3509.9	3540
20 + 15	PCC	Channel	42190	42517	42844
		Frequency	3460	3492.7	3525.4
	SCC	Channel	42361	42688	43015
		Frequency	3477.1	3509.8	3542.5
15 + 20	PCC	Channel	42165	42492	42819
		Frequency	3457.5	3490.2	3522.9
	SCC	Channel	42336	42663	42990
		Frequency	3474.6	3507.3	3540
20 + 10	PCC	Channel	42190	42543	42896
		Frequency	3460	3495.3	3530.6
	SCC	Channel	42334	42687	43040
		Frequency	3474.4	3509.7	3545
10 + 20	PCC	Channel	42140	42493	42846
		Frequency	3455	3490.3	3525.6
	SCC	Channel	42284	42637	42990
		Frequency	3469.4	3504.7	3540
20 + 5	PCC	Channel	42190	42569	42948
		Frequency	3460	3497.9	3535.8
	SCC	Channel	42307	42686	43065
		Frequency	3471.7	3509.6	3547.5
5 + 20	PCC	Channel	42115	42494	42873
		Frequency	3452.5	3490.4	3528.3
	SCC	Channel	42232	42611	42990
		Frequency	3464.2	3502.1	3540



LTE Band 43C Channel and Frequency List_CA (Part27O)					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	44690	44990.5	45291
		Frequency	3710	3740.05	3770.1
	SCC	Channel	44888	45188.5	45489
		Frequency	3729.8	3759.85	3789.9
20 + 15	PCC	Channel	44690	45015	45340
		Frequency	3710	3742.5	3775
	SCC	Channel	44861	45186	45511
		Frequency	3727.1	3759.6	3792.1
15 + 20	PCC	Channel	44668	44993	45318
		Frequency	3707.8	3740.3	3772.8
	SCC	Channel	44839	45164	45489
		Frequency	3724.9	3757.4	3789.9
15 + 15	PCC	Channel	44668	45015	45361
		Frequency	3707.8	3742.45	3777.1
	SCC	Channel	44818	45165	45511
		Frequency	3722.8	3757.45	3792.1
15 + 10	PCC	Channel	44668	45041	45414
		Frequency	3707.8	3745.1	3782.4
	SCC	Channel	44788	45161	45534
		Frequency	3719.8	3757.1	3794.4
10 + 15	PCC	Channel	44645	45018	45391
		Frequency	3705.5	3742.8	3780.1
	SCC	Channel	44765	45138	45511
		Frequency	3717.5	3754.8	3792.1
20 + 10	PCC	Channel	44690	45040	45390
		Frequency	3710	3745	3780
	SCC	Channel	44834	45184	45534
		Frequency	3724.4	3759.4	3794.4



LTE Band 43C Channel and Frequency List_CA (Part27O)					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 20	PCC	Channel	44645	44995	45345
		Frequency	3705.5	3740.5	3775.5
	SCC	Channel	44789	45139	45489
		Frequency	3719.9	3754.9	3789.9
20 + 5	PCC	Channel	44690	45064.5	45439
		Frequency	3710	3747.45	3784.9
	SCC	Channel	44807	45181.5	45556
		Frequency	3721.7	3759.15	3796.6
5 + 20	PCC	Channel	44623	44997.5	45372
		Frequency	3703.3	3740.75	3778.2
	SCC	Channel	44740	45114.5	45489
		Frequency	3715	3752.45	3789.9



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					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
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

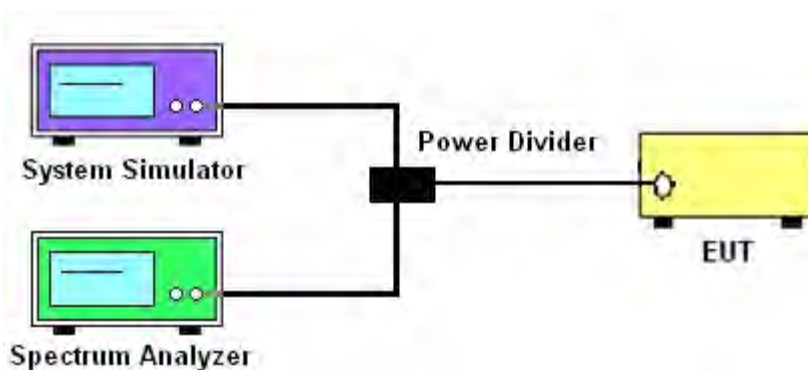
See list of measuring instruments of this test report.

3.1.1 Test Setup

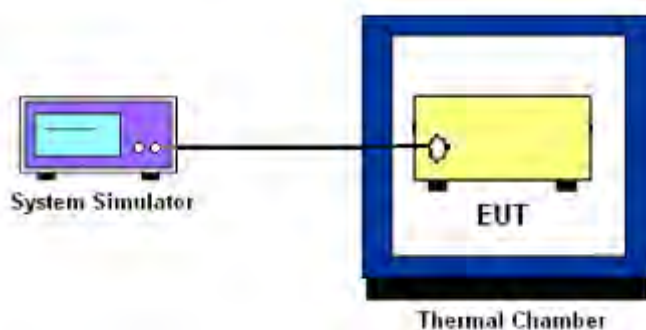
3.1.2 Conducted Output Power



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 output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

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



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.

**27.53 (l)(2)**

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

27.53 (n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz 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, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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.



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

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

24.235 & 27.54

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

3.8.2 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.

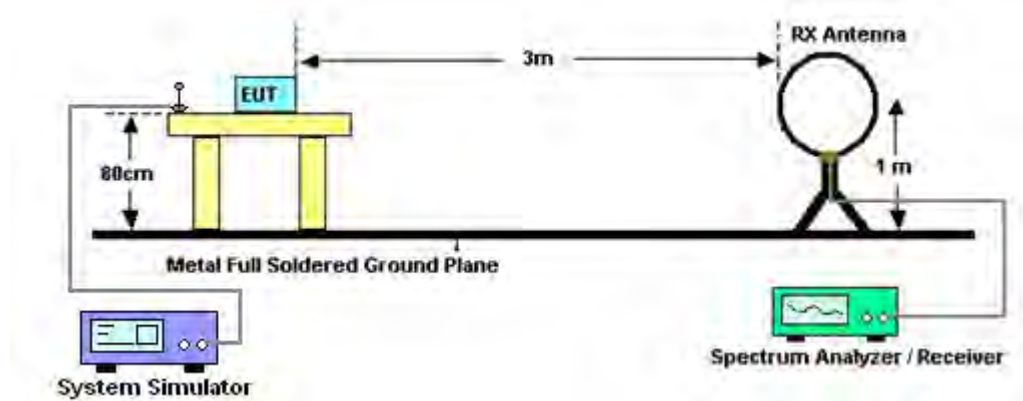
4 Radiated Test Items

4.1 Measuring Instruments

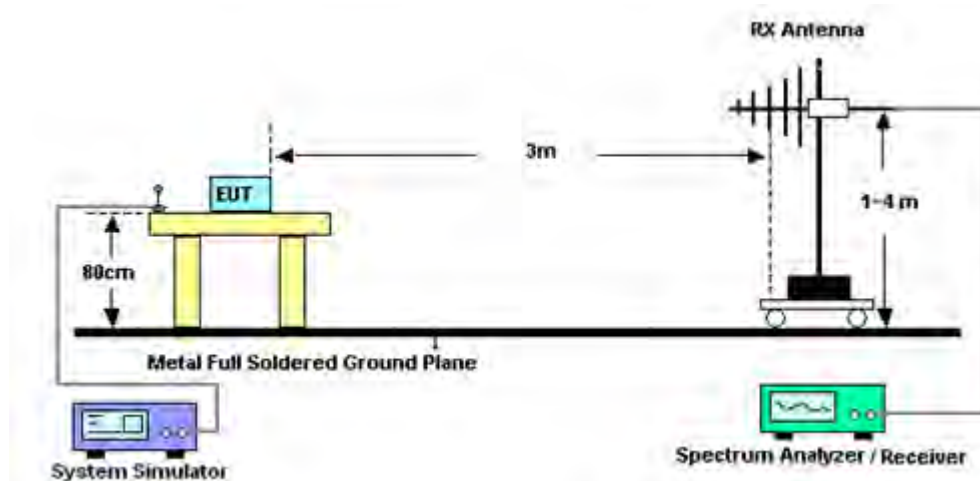
See list of measuring instruments of this test report.

4.1.1 Test Setup

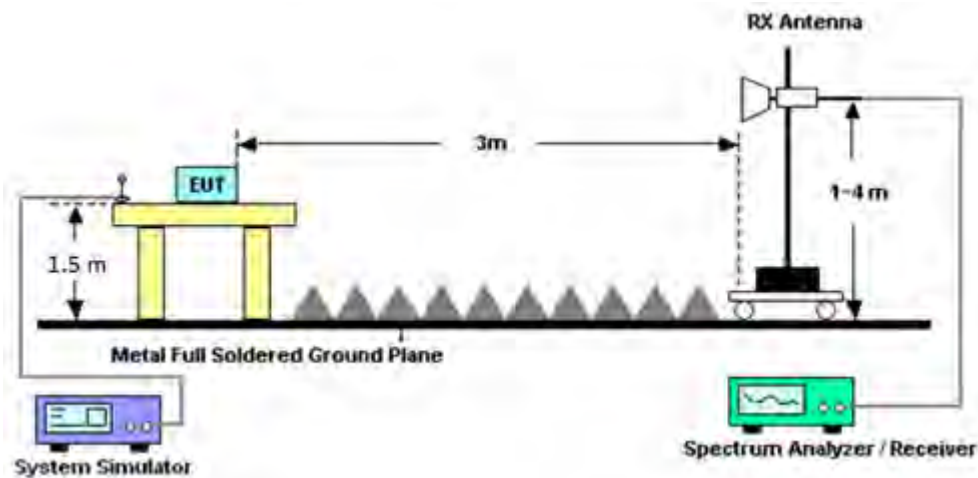
For radiated test below 30MHz



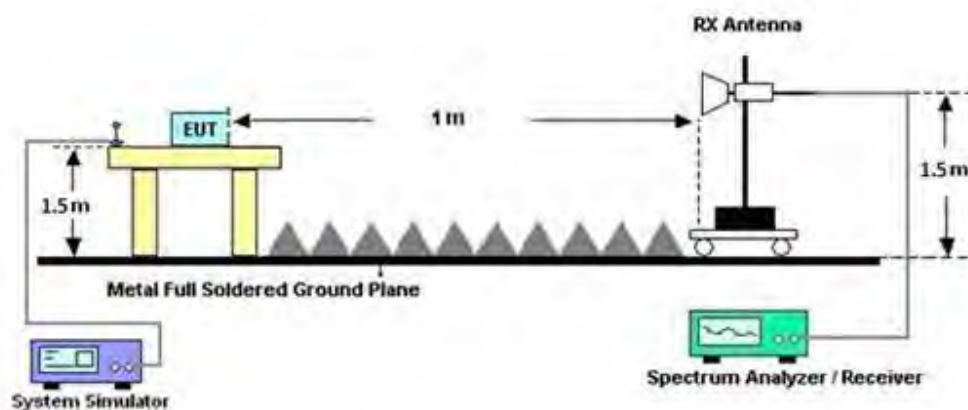
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI 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)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. 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
EMI Test Receiver	Keysight	N9038A (MXE)	MY57290111	N/A	Dec. 04, 2023	Oct. 15, 2024	Dec. 03, 2024	Radiation (03CH20-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	N/A	Oct. 16, 2024	Oct. 16, 2024~Mar. 10, 2025	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Oct. 15, 2024~Mar. 10, 2025	Aug. 28, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Oct. 15, 2024~Mar. 10, 2025	Aug. 22, 2025	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Oct. 15, 2024~Mar. 10, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Oct. 15, 2024~Mar. 10, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Oct. 15, 2024~Mar. 10, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY64320114	N/A	Oct. 05, 2024	Oct. 15, 2024~Dec. 08, 2024	Oct. 04, 2025	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 09, 2024	Dec. 09, 2024~Mar. 10, 2025	Dec. 08, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 05, 2024	Oct. 15, 2024~Nov. 26, 2024	Oct. 04, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Nov. 27, 2024~Mar. 10, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Oct. 30, 2023	Oct. 15, 2024~Oct. 28, 2024	Oct. 29, 2024	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Nov. 01, 2024~Mar. 10, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jun. 24, 2024	Oct. 15, 2024~Oct. 24, 2024	Jun. 23, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1230	18GHz-40GHz	Oct. 25, 2024	Oct. 25, 2024~Mar. 10, 2025	Oct. 24, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 01, 2024	Oct. 15, 2024~Dec. 30, 2024	Dec. 31, 2024	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Dec. 31, 2024~Mar. 10, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 13, 2023	Oct. 15, 2024~Nov. 11, 2024	Nov. 12, 2024	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 12, 2024	Nov. 12, 2024~Mar. 10, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 17, 2024	Oct. 15, 2024~Jan. 15, 2025	Jan. 16, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 16, 2025	Jan. 16, 2025~Mar. 10, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	TECEPEL	DTM-303A	TP211382	N/A	Mar. 27, 2024	Oct. 15, 2024~Mar. 10, 2025	Mar. 26, 2025	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Oct. 15, 2024~Mar. 10, 2025	N/A	Radiation (03CH20-HY)



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. 01, 2024	Oct. 16, 2024~ Apr. 10, 2025	Sep. 01, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Oct. 16, 2024~ Apr. 10, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Nov. 28, 2023	Oct. 16, 2024~ Nov. 26, 2024	Nov. 27, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Nov. 27, 2024	Nov. 27, 2024~ Apr. 10, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1 +#7	1-18GHz	Jan. 03, 2024	Oct. 16, 2024~ Jan. 01, 2025	Jan. 02, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1 +#7	1-18GHz	Jan. 03, 2025	Jan. 03, 2025~ Apr. 10, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Oct. 16, 2024~ Apr. 10, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Oct. 16, 2024~ Apr. 10, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Oct. 16, 2024~ Apr. 10, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECEPEL	DTM-303B	TP210073	-10 ~ 50℃ / 20 ~ 95%RH	Jun. 05, 2024	Oct. 16, 2024~ Apr. 10, 2025	Jun. 04, 2025	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7 dB
---	--------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
---	--------

Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
---	--------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.78	22.75	22.83	30.33	1.0789
20	1	49		22.73	22.68	22.70		
20	1	99		22.55	22.54	22.65		
20	50	0		21.68	21.66	21.85		
20	50	24		21.64	21.58	21.77		
20	50	50		21.58	21.53	21.77		
20	100	0		21.63	21.59	21.73		
20	1	0	16-QAM	22.25	22.06	22.15	29.75	0.9441
20	1	49		22.22	21.80	22.11		
20	1	99		21.46	22.01	21.87		
20	50	0		20.78	20.58	20.86		
20	50	24		20.53	20.56	20.84		
20	50	50		20.40	20.55	20.80		
20	100	0		20.54	20.55	20.75		
20	1	0	64-QAM	21.09	21.14	21.33	28.83	0.7638
20	1	49		20.96	21.04	21.28		
20	1	99		20.71	20.84	20.68		
20	50	0		19.71	19.57	19.89		
20	50	24		19.63	19.56	19.85		
20	50	50		19.62	19.56	19.70		
20	100	0		19.65	19.55	19.68		
20	1	0	256-QAM	17.73	17.78	18.03	25.53	0.3573
20	1	49		17.31	17.26	17.99		
20	1	99		17.69	17.69	17.76		
20	50	0		17.81	17.85	17.88		
20	50	24		17.72	17.71	17.81		
20	50	50		17.48	17.62	17.75		
20	100	0		17.63	17.61	17.61		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.63	22.64	22.76	30.26	1.0617
15	1	37		22.73	22.50	22.63		
15	1	74		22.52	22.48	22.50		
15	36	0		21.55	21.59	21.73		
15	36	20		21.46	21.52	21.69		
15	36	39		21.45	21.36	21.58		
15	75	0		21.49	21.52	21.57		
15	1	0	16-QAM	22.11	22.00	22.05	29.61	0.9141
15	1	37		22.10	21.73	21.93		
15	1	74		21.30	22.01	21.78		
15	36	0		20.61	20.56	20.82		
15	36	20		20.37	20.48	20.69		
15	36	39		20.38	20.38	20.64		
15	75	0		20.45	20.46	20.62		
15	1	0	64-QAM	20.94	21.05	21.26	28.76	0.7516
15	1	37		20.95	20.89	21.09		
15	1	74		20.64	20.78	20.56		
15	36	0		19.55	19.53	19.89		
15	36	20		19.63	19.41	19.78		
15	36	39		19.43	19.52	19.54		
15	75	0		19.59	19.35	19.54		
15	1	0	256-QAM	17.63	17.62	17.90	25.47	0.3524
15	1	37		17.16	17.26	17.97		
15	1	74		17.52	17.54	17.58		
15	36	0		17.70	17.85	17.69		
15	36	20		17.63	17.65	17.63		
15	36	39		17.40	17.60	17.71		
15	75	0		17.49	17.59	17.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.60	22.74	22.79	30.29	1.0691
10	1	25		22.57	22.60	22.65		
10	1	49		22.50	22.49	22.58		
10	25	0		21.52	21.47	21.66		
10	25	12		21.50	21.57	21.63		
10	25	25		21.57	21.33	21.68		
10	50	0		21.54	21.54	21.58		
10	1	0	16-QAM	22.13	21.96	22.03	29.63	0.9183
10	1	25		22.03	21.68	22.10		
10	1	49		21.40	21.87	21.85		
10	25	0		20.71	20.52	20.82		
10	25	12		20.53	20.36	20.77		
10	25	25		20.24	20.35	20.66		
10	50	0		20.40	20.35	20.69		
10	1	0	64-QAM	20.99	21.00	21.20	28.70	0.7413
10	1	25		20.96	20.98	21.13		
10	1	49		20.66	20.71	20.55		
10	25	0		19.58	19.57	19.74		
10	25	12		19.60	19.54	19.76		
10	25	25		19.52	19.54	19.64		
10	50	0		19.55	19.51	19.48		
10	1	0	256-QAM	17.55	17.68	17.90	25.43	0.3491
10	1	25		17.27	17.24	17.93		
10	1	49		17.68	17.57	17.65		
10	25	0		17.68	17.68	17.80		
10	25	12		17.56	17.65	17.76		
10	25	25		17.31	17.48	17.60		
10	50	0		17.45	17.41	17.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.75	22.62	22.76	30.26	1.0617
5	1	12		22.62	22.54	22.66		
5	1	24		22.39	22.54	22.57		
5	12	0		21.66	21.65	21.82		
5	12	7		21.64	21.43	21.61		
5	12	13		21.48	21.33	21.66		
5	25	0		21.44	21.42	21.72		
5	1	0	16-QAM	22.21	21.88	21.99	29.71	0.9354
5	1	12		22.20	21.76	21.97		
5	1	24		21.35	21.94	21.82		
5	12	0		20.72	20.58	20.72		
5	12	7		20.48	20.54	20.80		
5	12	13		20.26	20.54	20.69		
5	25	0		20.51	20.45	20.55		
5	1	0	64-QAM	20.99	21.14	21.14	28.64	0.7311
5	1	12		20.88	20.94	21.11		
5	1	24		20.68	20.64	20.53		
5	12	0		19.51	19.52	19.76		
5	12	7		19.55	19.37	19.80		
5	12	13		19.51	19.48	19.64		
5	25	0		19.53	19.48	19.66		
5	1	0	256-QAM	17.58	17.62	17.94	25.44	0.3499
5	1	12		17.19	17.22	17.89		
5	1	24		17.50	17.69	17.64		
5	12	0		17.62	17.85	17.75		
5	12	7		17.70	17.67	17.76		
5	12	13		17.28	17.48	17.71		
5	25	0		17.47	17.41	17.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.78	22.66	22.80	30.30	1.0715
3	1	8		22.59	22.68	22.68		
3	1	14		22.36	22.38	22.57		
3	8	0		21.50	21.65	21.81		
3	8	4		21.47	21.40	21.77		
3	8	7		21.51	21.37	21.64		
3	15	0		21.48	21.59	21.59		
3	1	0	16-QAM	22.16	21.95	21.96	29.66	0.9247
3	1	8		22.03	21.65	22.09		
3	1	14		21.44	21.93	21.70		
3	8	0		20.78	20.57	20.68		
3	8	4		20.51	20.49	20.68		
3	8	7		20.32	20.44	20.73		
3	15	0		20.44	20.49	20.73		
3	1	0	64-QAM	20.96	21.05	21.17	28.67	0.7362
3	1	8		20.91	20.90	21.16		
3	1	14		20.65	20.68	20.63		
3	8	0		19.68	19.43	19.77		
3	8	4		19.60	19.40	19.65		
3	8	7		19.56	19.55	19.52		
3	15	0		19.51	19.49	19.65		
3	1	0	256-QAM	17.69	17.72	18.03	25.53	0.3573
3	1	8		17.22	17.25	17.97		
3	1	14		17.50	17.67	17.68		
3	8	0		17.78	17.81	17.72		
3	8	4		17.66	17.67	17.68		
3	8	7		17.30	17.43	17.64		
3	15	0		17.43	17.57	17.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.65	22.57	22.68	30.29	1.0691
1.4	1	3		22.66	22.49	22.69		
1.4	1	5		22.38	22.42	22.53		
1.4	3	0		22.75	22.67	22.78		
1.4	3	1		22.76	22.59	22.79		
1.4	3	3		22.48	22.52	22.63		
1.4	6	0		21.64	21.58	21.83		
1.4	1	0	16-QAM	21.64	21.58	21.83	29.33	0.8570
1.4	1	3		21.47	21.51	21.59		
1.4	1	5		21.43	21.45	21.61		
1.4	3	0		21.64	21.58	21.83		
1.4	3	1		21.47	21.51	21.59		
1.4	3	3		21.43	21.45	21.61		
1.4	6	0		20.61	20.56	20.69		
1.4	1	0	64-QAM	20.61	20.56	20.69	28.29	0.6745
1.4	1	3		20.41	20.45	20.79		
1.4	1	5		20.24	20.35	20.62		
1.4	3	0		20.61	20.56	20.69		
1.4	3	1		20.41	20.45	20.79		
1.4	3	3		20.24	20.35	20.62		
1.4	6	0		19.54	19.47	19.71		
1.4	1	0	256-QAM	17.72	17.76	17.94	25.53	0.3573
1.4	1	3		17.17	17.23	17.94		
1.4	1	5		17.67	17.56	17.68		
1.4	3	0		17.72	17.58	18.03		
1.4	3	1		17.30	17.06	17.92		
1.4	3	3		17.68	17.69	17.66		
1.4	6	0		17.56	17.44	17.58		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.87	22.77	22.76	30.37	1.0889
20	1	49		22.74	22.63	22.67		
20	1	99		22.77	22.61	22.72		
20	50	0		21.83	21.69	21.75		
20	50	24		21.81	21.67	21.62		
20	50	50		21.59	21.68	21.73		
20	100	0		21.73	21.69	21.59		
20	1	0	16-QAM	22.13	22.20	22.11	29.70	0.9333
20	1	49		21.99	22.17	22.10		
20	1	99		22.10	22.02	21.90		
20	50	0		20.94	20.81	20.81		
20	50	24		20.90	20.75	20.76		
20	50	50		20.67	20.79	20.75		
20	100	0		20.75	20.70	20.61		
20	1	0	64-QAM	21.20	21.09	21.17	28.70	0.7413
20	1	49		21.10	21.04	21.14		
20	1	99		21.13	20.95	20.94		
20	50	0		19.90	19.81	19.83		
20	50	24		19.85	19.76	19.64		
20	50	50		19.60	19.64	19.78		
20	100	0		19.82	19.71	19.65		
20	1	0	256-QAM	18.01	18.18	17.99	25.68	0.3698
20	1	49		17.81	18.14	17.84		
20	1	99		17.92	17.61	17.55		
20	50	0		17.92	17.83	17.88		
20	50	24		17.80	17.80	17.69		
20	50	50		17.70	17.67	17.83		
20	100	0		17.78	17.66	17.74		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.72	22.75	22.69	30.25	1.0593
15	1	37		22.66	22.51	22.67		
15	1	74		22.62	22.46	22.67		
15	36	0		21.72	21.65	21.70		
15	36	20		21.79	21.49	21.57		
15	36	39		21.59	21.52	21.73		
15	75	0		21.71	21.56	21.40		
15	1	0	16-QAM	22.02	22.13	22.08	29.63	0.9183
15	1	37		21.80	21.97	22.10		
15	1	74		22.03	22.01	21.81		
15	36	0		20.93	20.78	20.65		
15	36	20		20.70	20.56	20.61		
15	36	39		20.65	20.63	20.62		
15	75	0		20.73	20.60	20.58		
15	1	0	64-QAM	21.06	21.02	21.09	28.59	0.7228
15	1	37		20.96	21.04	21.00		
15	1	74		21.05	20.75	20.89		
15	36	0		19.70	19.63	19.78		
15	36	20		19.72	19.73	19.48		
15	36	39		19.52	19.56	19.76		
15	75	0		19.66	19.58	19.58		
15	1	0	256-QAM	17.81	18.05	17.81	25.58	0.3614
15	1	37		17.71	18.08	17.83		
15	1	74		17.73	17.44	17.51		
15	36	0		17.82	17.70	17.85		
15	36	20		17.70	17.78	17.52		
15	36	39		17.69	17.47	17.78		
15	75	0		17.71	17.59	17.68		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.77	22.67	22.73	30.27	1.0641
10	1	25		22.65	22.63	22.55		
10	1	49		22.62	22.48	22.59		
10	25	0		21.68	21.50	21.62		
10	25	12		21.65	21.53	21.47		
10	25	25		21.41	21.56	21.73		
10	50	0		21.70	21.57	21.56		
10	1	0	16-QAM	21.97	22.20	22.06	29.70	0.9333
10	1	25		21.84	22.09	21.99		
10	1	49		22.00	21.84	21.87		
10	25	0		20.94	20.81	20.63		
10	25	12		20.82	20.57	20.57		
10	25	25		20.48	20.69	20.64		
10	50	0		20.62	20.65	20.57		
10	1	0	64-QAM	21.08	20.99	21.11	28.61	0.7261
10	1	25		20.92	20.93	20.95		
10	1	49		21.09	20.89	20.75		
10	25	0		19.80	19.61	19.77		
10	25	12		19.65	19.69	19.47		
10	25	25		19.50	19.55	19.65		
10	50	0		19.74	19.71	19.57		
10	1	0	256-QAM	17.90	18.12	17.80	25.62	0.3648
10	1	25		17.79	18.07	17.66		
10	1	49		17.72	17.51	17.53		
10	25	0		17.91	17.81	17.84		
10	25	12		17.72	17.63	17.67		
10	25	25		17.56	17.54	17.65		
10	50	0		17.78	17.52	17.63		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.74	22.69	22.66	30.27	1.0641
5	1	12		22.58	22.58	22.63		
5	1	24		22.77	22.60	22.71		
5	12	0		21.78	21.63	21.61		
5	12	7		21.66	21.47	21.57		
5	12	13		21.43	21.48	21.73		
5	25	0		21.69	21.63	21.49		
5	1	0	16-QAM	22.09	22.03	22.02	29.59	0.9099
5	1	12		21.79	22.06	22.08		
5	1	24		21.90	21.97	21.75		
5	12	0		20.76	20.68	20.79		
5	12	7		20.79	20.59	20.66		
5	12	13		20.55	20.60	20.56		
5	25	0		20.74	20.57	20.57		
5	1	0	64-QAM	21.07	21.08	21.11	28.62	0.7278
5	1	12		20.98	20.88	21.12		
5	1	24		21.11	20.76	20.94		
5	12	0		19.81	19.76	19.64		
5	12	7		19.69	19.64	19.55		
5	12	13		19.53	19.56	19.75		
5	25	0		19.79	19.68	19.65		
5	1	0	256-QAM	17.85	18.12	17.86	25.62	0.3648
5	1	12		17.68	18.08	17.83		
5	1	24		17.79	17.49	17.45		
5	12	0		17.74	17.78	17.81		
5	12	7		17.65	17.77	17.59		
5	12	13		17.62	17.48	17.73		
5	25	0		17.73	17.51	17.62		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.85	22.75	22.63	30.35	1.0839
3	1	8		22.73	22.55	22.57		
3	1	14		22.73	22.58	22.56		
3	8	0		21.67	21.55	21.71		
3	8	4		21.81	21.57	21.55		
3	8	7		21.48	21.60	21.66		
3	15	0		21.72	21.66	21.47		
3	1	0	16-QAM	22.02	22.06	22.01	29.58	0.9078
3	1	8		21.94	22.08	21.90		
3	1	14		21.90	21.89	21.71		
3	8	0		20.86	20.71	20.78		
3	8	4		20.72	20.71	20.66		
3	8	7		20.47	20.76	20.68		
3	15	0		20.57	20.69	20.60		
3	1	0	64-QAM	21.06	20.96	20.99	28.62	0.7278
3	1	8		20.99	21.00	21.12		
3	1	14		21.00	20.85	20.77		
3	8	0		19.76	19.63	19.81		
3	8	4		19.78	19.72	19.48		
3	8	7		19.41	19.53	19.63		
3	15	0		19.80	19.55	19.47		
3	1	0	256-QAM	18.00	17.99	17.93	25.58	0.3614
3	1	8		17.67	18.08	17.78		
3	1	14		17.86	17.42	17.40		
3	8	0		17.86	17.66	17.86		
3	8	4		17.77	17.73	17.57		
3	8	7		17.54	17.60	17.83		
3	15	0		17.76	17.59	17.67		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.79	22.60	22.57	30.29	1.0691
1.4	1	3		22.69	22.61	22.67		
1.4	1	5		22.59	22.58	22.60		
1.4	3	0		22.76	22.71	22.71		
1.4	3	1		22.71	22.50	22.59		
1.4	3	3		22.63	22.41	22.69		
1.4	6	0		21.64	21.49	21.57		
1.4	1	0	16-QAM	21.68	21.69	21.61	29.28	0.8472
1.4	1	3		21.78	21.55	21.62		
1.4	1	5		21.44	21.65	21.72		
1.4	3	0		21.69	21.65	21.73		
1.4	3	1		21.62	21.48	21.44		
1.4	3	3		21.41	21.66	21.70		
1.4	6	0		20.90	20.75	20.64		
1.4	1	0	64-QAM	20.75	20.62	20.68	28.34	0.6823
1.4	1	3		20.72	20.61	20.73		
1.4	1	5		20.64	20.70	20.61		
1.4	3	0		20.84	20.77	20.77		
1.4	3	1		20.74	20.74	20.75		
1.4	3	3		20.59	20.76	20.70		
1.4	6	0		19.88	19.73	19.80		
1.4	1	0	256-QAM	17.97	18.17	17.89	25.67	0.3690
1.4	1	3		17.74	18.11	17.64		
1.4	1	5		17.78	17.57	17.47		
1.4	3	0		17.98	18.16	17.85		
1.4	3	1		17.71	18.09	17.84		
1.4	3	3		17.79	17.49	17.50		
1.4	6	0		17.66	17.57	17.54		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.02	22.95	22.86	27.52	0.5649
20	1	49		22.92	22.84	22.82		
20	1	99		23.00	22.76	22.53		
20	50	0		22.07	21.99	21.87		
20	50	24		22.02	21.89	21.84		
20	50	50		21.94	21.81	21.66		
20	100	0		21.96	21.88	21.84		
20	1	0	16-QAM	22.37	22.46	21.88	26.96	0.4966
20	1	49		22.15	22.36	21.52		
20	1	99		22.16	21.92	21.43		
20	50	0		20.99	20.93	20.87		
20	50	24		20.95	20.88	20.83		
20	50	50		20.94	20.89	20.76		
20	100	0		20.99	20.76	20.72		
20	1	0	64-QAM	21.31	21.30	21.38	25.88	0.3873
20	1	49		21.25	21.20	21.20		
20	1	99		21.09	20.88	20.63		
20	50	0		20.06	20.01	19.98		
20	50	24		20.01	19.91	19.86		
20	50	50		20.01	19.91	19.67		
20	100	0		19.96	19.82	20.00		
20	1	0	256-QAM	18.20	18.31	18.19	22.81	0.1910
20	1	49		17.91	18.18	18.05		
20	1	99		17.45	17.91	17.62		
20	50	0		18.09	18.02	17.94		
20	50	24		17.99	17.94	17.87		
20	50	50		17.85	17.84	17.68		
20	100	0		18.03	17.95	17.85		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.82	22.90	22.77	27.41	0.5508
15	1	37		22.90	22.84	22.77		
15	1	74		22.91	22.65	22.36		
15	36	0		21.96	21.85	21.84		
15	36	20		21.85	21.88	21.77		
15	36	39		21.76	21.71	21.47		
15	75	0		21.82	21.78	21.84		
15	1	0	16-QAM	22.26	22.35	21.79	26.85	0.4842
15	1	37		22.07	22.17	21.43		
15	1	74		22.08	21.80	21.31		
15	36	0		20.88	20.80	20.83		
15	36	20		20.86	20.70	20.75		
15	36	39		20.79	20.77	20.75		
15	75	0		20.89	20.68	20.71		
15	1	0	64-QAM	21.31	21.23	21.28	25.81	0.3811
15	1	37		21.22	21.15	21.17		
15	1	74		20.97	20.83	20.54		
15	36	0		20.06	20.01	19.98		
15	36	20		20.01	19.86	19.84		
15	36	39		20.01	19.87	19.66		
15	75	0		19.86	19.68	19.80		
15	1	0	256-QAM	18.02	18.27	18.19	22.77	0.1892
15	1	37		17.79	18.15	18.00		
15	1	74		17.31	17.90	17.50		
15	36	0		18.03	17.97	17.88		
15	36	20		17.86	17.82	17.86		
15	36	39		17.73	17.84	17.54		
15	75	0		18.02	17.84	17.67		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.98	22.85	22.82	27.48	0.5598
10	1	25		22.72	22.66	22.63		
10	1	49		22.95	22.66	22.42		
10	25	0		21.89	21.95	21.70		
10	25	12		21.88	21.86	21.72		
10	25	25		21.79	21.79	21.49		
10	50	0		21.82	21.81	21.67		
10	1	0	16-QAM	22.24	22.35	21.76	26.85	0.4842
10	1	25		21.95	22.23	21.39		
10	1	49		22.11	21.89	21.41		
10	25	0		20.79	20.76	20.74		
10	25	12		20.76	20.70	20.82		
10	25	25		20.88	20.71	20.64		
10	50	0		20.94	20.58	20.55		
10	1	0	64-QAM	21.21	21.11	21.26	25.76	0.3767
10	1	25		21.11	21.15	21.20		
10	1	49		21.08	20.84	20.54		
10	25	0		20.03	19.98	19.81		
10	25	12		19.94	19.86	19.72		
10	25	25		20.01	19.80	19.61		
10	50	0		19.93	19.73	19.90		
10	1	0	256-QAM	18.01	18.20	18.17	22.70	0.1862
10	1	25		17.91	18.01	18.05		
10	1	49		17.31	17.80	17.50		
10	25	0		18.01	17.88	17.83		
10	25	12		17.86	17.82	17.71		
10	25	25		17.80	17.75	17.66		
10	50	0		17.99	17.77	17.76		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.86	22.89	22.77	27.39	0.5483
5	1	12		22.88	22.81	22.62		
5	1	24		22.86	22.59	22.37		
5	12	0		21.89	21.87	21.85		
5	12	7		21.85	21.74	21.68		
5	12	13		21.83	21.81	21.66		
5	25	0		21.95	21.82	21.71		
5	1	0	16-QAM	22.17	22.34	21.80	26.84	0.4831
5	1	12		22.04	22.33	21.45		
5	1	24		21.97	21.74	21.37		
5	12	0		20.91	20.81	20.81		
5	12	7		20.76	20.82	20.74		
5	12	13		20.77	20.74	20.69		
5	25	0		20.88	20.59	20.65		
5	1	0	64-QAM	21.12	21.24	21.24	25.74	0.3750
5	1	12		21.10	21.14	21.15		
5	1	24		20.94	20.88	20.61		
5	12	0		19.88	19.93	19.86		
5	12	7		19.98	19.89	19.67		
5	12	13		19.99	19.74	19.62		
5	25	0		19.86	19.74	20.00		
5	1	0	256-QAM	18.17	18.25	18.17	22.75	0.1884
5	1	12		17.91	18.18	17.97		
5	1	24		17.35	17.85	17.53		
5	12	0		18.05	17.91	17.89		
5	12	7		17.80	17.92	17.74		
5	12	13		17.70	17.83	17.56		
5	25	0		17.84	17.75	17.69		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.91	22.81	22.84	27.41	0.5508
3	1	8		22.91	22.83	22.79		
3	1	14		22.88	22.65	22.50		
3	8	0		21.87	21.89	21.73		
3	8	4		21.92	21.71	21.70		
3	8	7		21.77	21.73	21.46		
3	15	0		21.94	21.76	21.74		
3	1	0	16-QAM	22.26	22.29	21.75	26.79	0.4775
3	1	8		22.08	22.28	21.47		
3	1	14		22.14	21.73	21.25		
3	8	0		20.81	20.93	20.83		
3	8	4		20.92	20.86	20.65		
3	8	7		20.76	20.70	20.58		
3	15	0		20.88	20.60	20.71		
3	1	0	64-QAM	21.15	21.11	21.34	25.84	0.3837
3	1	8		21.10	21.15	21.16		
3	1	14		20.95	20.83	20.55		
3	8	0		20.06	19.82	19.95		
3	8	4		19.85	19.79	19.81		
3	8	7		19.94	19.89	19.59		
3	15	0		19.89	19.65	19.80		
3	1	0	256-QAM	18.09	18.16	18.08	22.68	0.1854
3	1	8		17.79	18.18	17.97		
3	1	14		17.33	17.73	17.58		
3	8	0		17.93	17.98	17.93		
3	8	4		17.95	17.85	17.77		
3	8	7		17.73	17.68	17.51		
3	15	0		17.84	17.83	17.78		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.96	22.86	22.73	27.48	0.5598
1.4	1	3		22.92	22.64	22.73		
1.4	1	5		22.93	22.74	22.33		
1.4	3	0		22.98	22.90	22.75		
1.4	3	1		22.94	22.68	22.71		
1.4	3	3		22.95	22.76	22.59		
1.4	6	0		22.10	22.01	21.96		
1.4	1	0	16-QAM	22.07	21.95	21.86	26.57	0.4539
1.4	1	3		21.94	21.78	21.80		
1.4	1	5		21.83	21.75	21.65		
1.4	3	0		22.07	21.95	21.86		
1.4	3	1		21.94	21.78	21.80		
1.4	3	3		21.83	21.75	21.65		
1.4	6	0		20.91	20.97	20.84		
1.4	1	0	64-QAM	20.87	20.93	20.80	25.45	0.3508
1.4	1	3		20.94	20.79	20.75		
1.4	1	5		20.84	20.75	20.74		
1.4	3	0		20.91	20.95	20.84		
1.4	3	1		20.87	20.79	20.79		
1.4	3	3		20.81	20.76	20.74		
1.4	6	0		19.90	19.93	19.78		
1.4	1	0	256-QAM	18.12	18.30	18.00	22.80	0.1905
1.4	1	3		17.74	18.13	17.86		
1.4	1	5		17.39	17.79	17.44		
1.4	3	0		18.06	18.27	18.02		
1.4	3	1		17.88	18.00	17.88		
1.4	3	3		17.36	17.76	17.55		
1.4	6	0		17.93	17.92	17.68		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.07	23.34	23.29	31.09	1.2853
10	1	25		23.02	23.28	23.13		
10	1	49		22.97	23.15	22.97		
10	25	0		22.31	22.40	22.47		
10	25	12		22.17	22.23	22.43		
10	25	25		22.27	22.29	22.28		
10	50	0		22.22	22.18	22.27		
10	1	0	16-QAM	22.33	22.83	22.85	30.60	1.1482
10	1	25		22.30	22.76	22.63		
10	1	49		22.22	22.03	22.75		
10	25	0		21.31	21.41	21.47		
10	25	12		21.26	21.34	21.43		
10	25	25		21.27	21.33	21.29		
10	50	0		21.18	21.21	21.34		
10	1	0	64-QAM	21.39	21.41	21.54	29.29	0.8492
10	1	25		21.35	21.51	21.49		
10	1	49		21.26	21.31	21.21		
10	25	0		20.28	20.27	20.41		
10	25	12		20.25	20.26	20.36		
10	25	25		20.15	20.24	20.30		
10	50	0		20.21	20.16	20.29		
10	1	0	256-QAM	18.34	18.56	18.31	26.31	0.4276
10	1	25		18.33	18.55	18.27		
10	1	49		18.18	18.12	18.29		
10	25	0		18.25	18.26	18.44		
10	25	12		18.19	18.22	18.41		
10	25	25		18.09	18.13	18.41		
10	50	0		18.09	18.10	18.38		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.01	23.15	23.21	30.96	1.2474
5	1	12		22.96	23.13	22.93		
5	1	24		22.80	23.08	22.95		
5	12	0		22.22	22.26	22.32		
5	12	7		22.04	22.17	22.34		
5	12	13		22.17	22.29	22.14		
5	25	0		22.02	21.99	22.11		
5	1	0	16-QAM	22.17	22.64	22.74	30.49	1.1194
5	1	12		22.28	22.68	22.59		
5	1	24		22.18	21.92	22.69		
5	12	0		21.27	21.27	21.44		
5	12	7		21.08	21.15	21.23		
5	12	13		21.10	21.30	21.29		
5	25	0		20.99	21.12	21.31		
5	1	0	64-QAM	21.25	21.22	21.36	29.21	0.8337
5	1	12		21.16	21.46	21.39		
5	1	24		21.08	21.29	21.05		
5	12	0		20.21	20.21	20.21		
5	12	7		20.17	20.07	20.35		
5	12	13		19.97	20.18	20.18		
5	25	0		20.03	20.07	20.15		
5	1	0	256-QAM	18.24	18.51	18.21	26.26	0.4227
5	1	12		18.20	18.38	18.07		
5	1	24		18.10	18.11	18.25		
5	12	0		18.08	18.19	18.44		
5	12	7		17.99	18.19	18.26		
5	12	13		18.04	18.13	18.29		
5	25	0		17.96	18.08	18.34		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.94	23.26	23.27	31.02	1.2647
3	1	8		22.92	23.11	22.97		
3	1	14		22.96	22.96	22.93		
3	8	0		22.18	22.34	22.38		
3	8	4		22.07	22.17	22.32		
3	8	7		22.23	22.26	22.17		
3	15	0		22.02	22.07	22.22		
3	1	0	16-QAM	22.15	22.77	22.73	30.52	1.1272
3	1	8		22.18	22.75	22.43		
3	1	14		22.04	21.91	22.75		
3	8	0		21.26	21.30	21.34		
3	8	4		21.12	21.19	21.42		
3	8	7		21.20	21.33	21.16		
3	15	0		21.03	21.21	21.33		
3	1	0	64-QAM	21.19	21.33	21.50	29.25	0.8414
3	1	8		21.28	21.40	21.48		
3	1	14		21.19	21.30	21.01		
3	8	0		20.19	20.12	20.25		
3	8	4		20.21	20.22	20.25		
3	8	7		20.03	20.10	20.14		
3	15	0		20.08	20.06	20.17		
3	1	0	256-QAM	18.19	18.47	18.19	26.30	0.4266
3	1	8		18.25	18.55	18.20		
3	1	14		18.04	18.06	18.24		
3	8	0		18.08	18.06	18.44		
3	8	4		18.09	18.22	18.40		
3	8	7		17.97	18.11	18.33		
3	15	0		17.93	18.02	18.26		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.90	23.20	23.28	31.08	1.2823
1.4	1	3		23.01	23.15	22.96		
1.4	1	5		22.77	23.07	22.94		
1.4	3	0		22.97	23.33	23.25		
1.4	3	1		22.86	23.15	23.10		
1.4	3	3		22.78	23.02	22.83		
1.4	6	0		22.16	22.39	22.45		
1.4	1	0	16-QAM	22.15	22.24	22.33	30.15	1.0351
1.4	1	3		22.09	22.09	22.34		
1.4	1	5		22.27	22.24	22.12		
1.4	3	0		22.19	22.21	22.28		
1.4	3	1		22.02	22.18	22.40		
1.4	3	3		22.16	22.15	22.20		
1.4	6	0		21.17	21.27	21.30		
1.4	1	0	64-QAM	21.20	21.23	21.29	29.20	0.8318
1.4	1	3		21.19	21.24	21.31		
1.4	1	5		21.27	21.29	21.11		
1.4	3	0		21.29	21.31	21.45		
1.4	3	1		21.07	21.26	21.41		
1.4	3	3		21.24	21.13	21.17		
1.4	6	0		20.11	20.25	20.28		
1.4	1	0	256-QAM	18.31	18.47	18.12	26.24	0.4207
1.4	1	3		18.26	18.41	18.13		
1.4	1	5		18.11	17.98	18.25		
1.4	3	0		18.24	18.47	18.22		
1.4	3	1		18.22	18.49	18.10		
1.4	3	3		18.00	18.03	18.21		
1.4	6	0		17.92	17.96	18.27		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.68	22.61	22.67	31.18	1.3122
20	1	49		22.58	22.58	22.58		
20	1	99		22.64	22.53	22.53		
20	50	0		21.90	21.78	21.61		
20	50	24		21.89	21.69	21.56		
20	50	50		21.84	21.65	21.53		
20	100	0		21.86	21.69	21.62		
20	1	0	16-QAM	22.01	22.13	22.17	30.67	1.1668
20	1	49		21.78	22.10	21.73		
20	1	99		21.97	21.66	22.14		
20	50	0		20.95	20.75	20.67		
20	50	24		20.94	20.74	20.61		
20	50	50		20.91	20.70	20.65		
20	100	0		20.88	20.68	20.61		
20	1	0	64-QAM	21.11	20.99	20.93	29.61	0.9141
20	1	49		20.76	20.60	20.90		
20	1	99		20.90	20.29	20.72		
20	50	0		19.96	19.78	19.67		
20	50	24		19.86	19.54	19.62		
20	50	50		19.69	19.56	19.57		
20	100	0		19.94	19.80	19.64		
20	1	0	256-QAM	17.99	17.85	17.70	26.49	0.4457
20	1	49		17.70	17.51	17.65		
20	1	99		17.52	17.60	17.53		
20	50	0		17.95	17.62	17.70		
20	50	24		17.92	17.59	17.66		
20	50	50		17.84	17.52	17.57		
20	100	0		17.82	17.59	17.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.61	22.56	22.61	31.11	1.2912
15	1	37		22.49	22.48	22.46		
15	1	74		22.44	22.49	22.41		
15	36	0		21.89	21.65	21.58		
15	36	20		21.76	21.59	21.45		
15	36	39		21.78	21.64	21.44		
15	75	0		21.68	21.63	21.55		
15	1	0	16-QAM	21.94	21.97	22.13	30.63	1.1561
15	1	37		21.67	22.07	21.59		
15	1	74		21.96	21.52	21.96		
15	36	0		20.76	20.66	20.59		
15	36	20		20.81	20.71	20.48		
15	36	39		20.71	20.51	20.55		
15	75	0		20.79	20.59	20.61		
15	1	0	64-QAM	20.98	20.98	20.80	29.48	0.8872
15	1	37		20.72	20.46	20.86		
15	1	74		20.74	20.23	20.57		
15	36	0		19.80	19.75	19.48		
15	36	20		19.68	19.46	19.44		
15	36	39		19.59	19.53	19.55		
15	75	0		19.76	19.62	19.45		
15	1	0	256-QAM	17.99	17.72	17.60	26.49	0.4457
15	1	37		17.63	17.31	17.46		
15	1	74		17.45	17.54	17.35		
15	36	0		17.78	17.55	17.63		
15	36	20		17.80	17.51	17.63		
15	36	39		17.72	17.35	17.37		
15	75	0		17.77	17.51	17.57		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.58	22.55	22.66	31.16	1.3062
10	1	25		22.48	22.38	22.46		
10	1	49		22.44	22.33	22.49		
10	25	0		21.79	21.73	21.46		
10	25	12		21.71	21.69	21.37		
10	25	25		21.78	21.53	21.35		
10	50	0		21.68	21.68	21.53		
10	1	0	16-QAM	21.84	22.02	22.15	30.65	1.1614
10	1	25		21.63	21.93	21.64		
10	1	49		21.84	21.49	22.04		
10	25	0		20.92	20.60	20.47		
10	25	12		20.77	20.74	20.49		
10	25	25		20.87	20.64	20.60		
10	50	0		20.87	20.68	20.45		
10	1	0	64-QAM	21.06	20.98	20.81	29.56	0.9036
10	1	25		20.60	20.46	20.88		
10	1	49		20.70	20.22	20.62		
10	25	0		19.87	19.65	19.48		
10	25	12		19.80	19.37	19.50		
10	25	25		19.61	19.53	19.57		
10	50	0		19.76	19.60	19.55		
10	1	0	256-QAM	17.91	17.77	17.51	26.41	0.4375
10	1	25		17.60	17.36	17.46		
10	1	49		17.43	17.52	17.51		
10	25	0		17.82	17.54	17.65		
10	25	12		17.89	17.51	17.49		
10	25	25		17.75	17.35	17.48		
10	50	0		17.70	17.59	17.46		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.59	22.41	22.57	31.09	1.2853
5	1	12		22.39	22.52	22.53		
5	1	24		22.50	22.51	22.38		
5	12	0		21.76	21.76	21.55		
5	12	7		21.70	21.61	21.41		
5	12	13		21.64	21.51	21.50		
5	25	0		21.77	21.64	21.49		
5	1	0	16-QAM	21.88	22.07	22.16	30.66	1.1641
5	1	12		21.62	22.02	21.66		
5	1	24		21.79	21.58	22.00		
5	12	0		20.88	20.62	20.50		
5	12	7		20.90	20.64	20.45		
5	12	13		20.73	20.60	20.49		
5	25	0		20.87	20.49	20.53		
5	1	0	64-QAM	21.06	20.83	20.80	29.56	0.9036
5	1	12		20.75	20.46	20.87		
5	1	24		20.83	20.17	20.66		
5	12	0		19.80	19.63	19.62		
5	12	7		19.81	19.53	19.58		
5	12	13		19.58	19.40	19.54		
5	25	0		19.92	19.67	19.64		
5	1	0	256-QAM	17.91	17.83	17.64	26.43	0.4395
5	1	12		17.59	17.43	17.46		
5	1	24		17.47	17.41	17.46		
5	12	0		17.93	17.51	17.70		
5	12	7		17.72	17.43	17.62		
5	12	13		17.77	17.37	17.50		
5	25	0		17.78	17.43	17.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.18	23.11	23.03	30.63	1.1561
10	1	25		23.08	22.86	23.02		
10	1	49		23.04	23.03	22.88		
10	25	0		22.16	22.17	22.19		
10	25	12		22.14	22.16	22.16		
10	25	25		22.11	22.13	22.05		
10	50	0		22.16	22.06	22.09		
10	1	0	16-QAM	22.53	22.41	22.50	29.98	0.9954
10	1	25		22.22	22.33	22.48		
10	1	49		22.51	22.35	22.22		
10	25	0		21.31	21.27	21.22		
10	25	12		21.29	21.22	21.12		
10	25	25		21.08	21.10	21.18		
10	50	0		21.11	21.16	21.11		
10	1	0	64-QAM	21.53	21.47	21.60	29.05	0.8035
10	1	25		21.49	21.32	21.57		
10	1	49		21.11	21.01	21.37		
10	25	0		20.22	20.26	20.31		
10	25	12		20.18	20.20	20.15		
10	25	25		20.18	20.07	20.24		
10	50	0		20.21	20.19	20.05		
10	1	0	256-QAM	18.41	18.37	18.11	25.86	0.3855
10	1	25		18.38	18.14	18.05		
10	1	49		18.31	18.33	17.95		
10	25	0		18.27	18.24	18.15		
10	25	12		18.22	18.19	18.13		
10	25	25		18.08	18.15	18.04		
10	50	0		18.14	18.22	17.92		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.06	23.11	22.92	30.56	1.1376
5	1	12		22.90	22.68	22.94		
5	1	24		22.88	22.89	22.73		
5	12	0		22.14	22.15	22.13		
5	12	7		22.08	22.07	22.10		
5	12	13		22.10	22.03	22.00		
5	25	0		22.07	22.04	21.93		
5	1	0	16-QAM	22.34	22.29	22.47	29.92	0.9817
5	1	12		22.03	22.17	22.39		
5	1	24		22.46	22.15	22.11		
5	12	0		21.14	21.27	21.19		
5	12	7		21.24	21.13	21.08		
5	12	13		21.08	21.07	21.13		
5	25	0		21.08	21.12	21.01		
5	1	0	64-QAM	21.33	21.47	21.53	28.98	0.7907
5	1	12		21.38	21.25	21.53		
5	1	24		21.11	20.94	21.30		
5	12	0		20.17	20.20	20.11		
5	12	7		20.17	20.18	20.09		
5	12	13		20.14	20.01	20.11		
5	25	0		20.07	20.19	20.00		
5	1	0	256-QAM	18.34	18.29	18.10	25.79	0.3793
5	1	12		18.29	18.09	17.98		
5	1	24		18.16	18.23	17.78		
5	12	0		18.20	18.07	18.11		
5	12	7		18.19	18.19	18.00		
5	12	13		17.90	18.08	18.00		
5	25	0		17.95	18.11	17.80		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.98	23.01	22.83	30.46	1.1117
3	1	8		22.98	22.70	22.94		
3	1	14		22.84	22.93	22.80		
3	8	0		21.96	22.11	22.19		
3	8	4		22.12	22.05	22.09		
3	8	7		22.06	22.07	21.95		
3	15	0		22.00	21.89	22.08		
3	1	0	16-QAM	22.35	22.41	22.32	29.86	0.9683
3	1	8		22.05	22.19	22.38		
3	1	14		22.32	22.24	22.15		
3	8	0		21.19	21.21	21.21		
3	8	4		21.09	21.08	20.99		
3	8	7		20.90	20.98	21.15		
3	15	0		20.98	20.96	20.94		
3	1	0	64-QAM	21.52	21.34	21.55	29.00	0.7943
3	1	8		21.39	21.19	21.44		
3	1	14		21.08	20.92	21.18		
3	8	0		20.05	20.08	20.16		
3	8	4		20.10	20.19	19.99		
3	8	7		20.04	20.02	20.06		
3	15	0		20.07	20.03	20.05		
3	1	0	256-QAM	18.32	18.36	18.06	25.81	0.3811
3	1	8		18.31	18.10	18.04		
3	1	14		18.17	18.28	17.95		
3	8	0		18.21	18.11	18.13		
3	8	4		18.05	18.19	18.07		
3	8	7		17.93	17.97	17.91		
3	15	0		18.05	18.16	17.83		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.05	23.10	22.89	30.60	1.1482
1.4	1	3		23.07	22.86	22.97		
1.4	1	5		22.89	22.99	22.87		
1.4	3	0		23.15	22.92	22.88		
1.4	3	1		22.95	22.74	22.90		
1.4	3	3		22.86	23.01	22.87		
1.4	6	0		22.01	21.97	22.00		
1.4	1	0	16-QAM	21.97	22.07	22.13	29.58	0.9078
1.4	1	3		22.10	21.96	22.07		
1.4	1	5		21.95	22.11	22.02		
1.4	3	0		22.06	21.98	22.02		
1.4	3	1		22.04	22.03	22.02		
1.4	3	3		21.99	22.07	22.05		
1.4	6	0		21.20	21.19	21.10		
1.4	1	0	64-QAM	21.21	21.07	21.10	28.70	0.7413
1.4	1	3		21.09	21.13	21.11		
1.4	1	5		21.02	20.93	21.13		
1.4	3	0		21.25	21.08	21.17		
1.4	3	1		21.18	21.17	20.96		
1.4	3	3		21.00	21.07	21.04		
1.4	6	0		20.03	20.24	20.31		
1.4	1	0	256-QAM	18.22	18.29	18.02	25.78	0.3784
1.4	1	3		18.22	18.04	17.88		
1.4	1	5		18.12	18.31	17.89		
1.4	3	0		18.33	18.26	17.92		
1.4	3	1		18.32	18.03	17.93		
1.4	3	3		18.14	18.27	17.81		
1.4	6	0		18.14	18.06	17.80		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.41	-	31.36	1.3677
10	1	25			23.34			
10	1	49			23.39			
10	25	0			22.53			
10	25	12			22.52			
10	25	25			22.28			
10	50	0			22.48			
10	1	0	16-QAM		22.85		30.80	1.2023
10	1	25			22.66			
10	1	49			22.75			
10	25	0			21.53			
10	25	12			21.48			
10	25	25			21.29			
10	50	0			21.48			
10	1	0	64-QAM		21.66		29.61	0.9141
10	1	25			21.00			
10	1	49			21.58			
10	25	0			20.56			
10	25	12			20.48			
10	25	25			20.37			
10	50	0			20.38			
10	1	0	256-QAM		18.67		26.62	0.4592
10	1	25			18.65			
10	1	49			18.23			
10	25	0			18.61			
10	25	12			18.59			
10	25	25			18.37			
10	50	0			18.44			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 10.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.31	23.21	23.30	31.29	1.3459
5	1	12		23.34	23.21	23.27		
5	1	24		23.24	23.19	23.20		
5	12	0		22.41	22.33	22.49		
5	12	7		22.42	22.35	22.48		
5	12	13		22.18	22.14	22.10		
5	25	0		22.43	22.43	22.31		
5	1	0	16-QAM	22.67	22.74	22.77	30.72	1.1803
5	1	12		22.65	22.51	22.65		
5	1	24		22.55	22.70	22.64		
5	12	0		21.53	21.37	21.40		
5	12	7		21.35	21.29	21.30		
5	12	13		21.19	21.15	21.12		
5	25	0		21.33	21.42	21.44		
5	1	0	64-QAM	21.47	21.52	21.66	29.61	0.9141
5	1	12		20.95	20.91	20.93		
5	1	24		21.39	21.39	21.44		
5	12	0		20.39	20.51	20.39		
5	12	7		20.32	20.33	20.31		
5	12	13		20.23	20.30	20.20		
5	25	0		20.24	20.23	20.29		
5	1	0	256-QAM	18.50	18.65	18.49	26.60	0.4571
5	1	12		18.56	18.55	18.58		
5	1	24		18.21	18.16	18.04		
5	12	0		18.43	18.57	18.53		
5	12	7		18.53	18.47	18.50		
5	12	13		18.23	18.31	18.33		
5	25	0		18.44	18.35	18.28		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.14	23.24	23.22	30.69	1.1722
10	1	25		23.10	23.19	23.18		
10	1	49		23.03	22.99	23.12		
10	25	0		22.27	22.41	22.36		
10	25	12		22.24	22.33	22.29		
10	25	25		22.26	22.20	22.15		
10	50	0		22.14	22.09	22.12		
10	1	0	16-QAM	22.46	22.47	22.53	29.98	0.9954
10	1	25		22.41	22.43	22.22		
10	1	49		22.13	22.44	22.47		
10	25	0		21.27	21.33	21.29		
10	25	12		21.20	21.16	21.27		
10	25	25		21.26	21.32	21.15		
10	50	0		21.19	21.23	21.16		
10	1	0	64-QAM	21.64	21.57	21.58	29.09	0.8110
10	1	25		21.63	21.56	21.57		
10	1	49		21.22	21.04	21.18		
10	25	0		20.19	20.33	20.24		
10	25	12		20.17	20.30	20.17		
10	25	25		20.38	20.21	20.21		
10	50	0		20.18	20.04	20.25		
10	1	0	256-QAM	18.20	18.27	18.24	25.75	0.3758
10	1	25		17.99	18.25	18.22		
10	1	49		18.01	17.75	17.98		
10	25	0		18.30	18.28	18.26		
10	25	12		18.29	18.20	18.16		
10	25	25		18.27	18.23	18.22		
10	50	0		18.22	18.21	18.16		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = 9.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.00	23.17	23.05	30.62	1.1535
5	1	12		22.95	23.02	23.03		
5	1	24		23.02	22.93	22.99		
5	12	0		22.26	22.23	22.32		
5	12	7		22.18	22.32	22.24		
5	12	13		22.26	22.11	22.01		
5	25	0		22.12	21.97	22.02		
5	1	0	16-QAM	22.41	22.42	22.53	29.98	0.9954
5	1	12		22.25	22.25	22.16		
5	1	24		21.97	22.25	22.47		
5	12	0		21.27	21.28	21.09		
5	12	7		21.13	21.01	21.24		
5	12	13		21.09	21.21	21.07		
5	25	0		21.05	21.12	21.16		
5	1	0	64-QAM	21.50	21.54	21.57	29.02	0.7980
5	1	12		21.45	21.53	21.39		
5	1	24		21.15	20.86	21.00		
5	12	0		20.16	20.33	20.10		
5	12	7		20.07	20.24	20.08		
5	12	13		20.27	20.05	20.13		
5	25	0		20.08	20.04	20.09		
5	1	0	256-QAM	18.15	18.09	18.06	25.65	0.3673
5	1	12		17.92	18.20	18.06		
5	1	24		17.92	17.71	17.83		
5	12	0		18.18	18.15	18.12		
5	12	7		18.10	18.18	18.12		
5	12	13		18.14	18.11	18.03		
5	25	0		18.15	18.13	17.96		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.23	23.21	23.21	30.98	1.2531
15	1	37		23.19	22.96	23.20		
15	1	74		23.13	22.78	23.14		
15	36	0		22.22	22.49	22.30		
15	36	20		22.19	22.30	22.26		
15	36	39		22.16	22.44	22.21		
15	75	0		22.27	22.14	22.24		
15	1	0	16-QAM	22.51	22.48	22.50	30.26	1.0617
15	1	37		22.46	22.39	22.35		
15	1	74		22.50	22.26	22.47		
15	36	0		21.31	21.16	21.35		
15	36	20		21.26	21.42	21.23		
15	36	39		21.24	21.21	21.29		
15	75	0		21.26	21.26	21.32		
15	1	0	64-QAM	21.40	21.51	21.44	29.26	0.8433
15	1	37		21.31	21.33	21.36		
15	1	74		21.35	21.08	21.38		
15	36	0		20.27	20.30	20.39		
15	36	20		20.25	20.22	20.34		
15	36	39		20.24	20.30	20.37		
15	75	0		20.25	20.42	20.18		
15	1	0	256-QAM	18.47	18.52	18.41	26.27	0.4236
15	1	37		18.36	18.25	18.30		
15	1	74		18.44	18.33	18.40		
15	36	0		18.33	18.14	18.34		
15	36	20		18.32	18.10	18.32		
15	36	39		18.21	18.35	18.22		
15	75	0		18.28	18.08	18.22		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.24	23.21	23.21	30.99	1.2560
10	1	25		23.19	23.18	23.12		
10	1	49		23.02	23.16	23.05		
10	25	0		22.40	22.06	22.13		
10	25	12		22.20	22.03	22.08		
10	25	25		22.30	22.20	22.14		
10	50	0		22.29	22.19	22.07		
10	1	0	16-QAM	22.48	22.60	22.38	30.35	1.0839
10	1	25		22.58	22.46	22.30		
10	1	49		22.12	22.47	22.45		
10	25	0		21.31	21.21	21.34		
10	25	12		21.18	21.08	21.08		
10	25	25		21.31	21.17	21.19		
10	50	0		21.15	21.13	21.30		
10	1	0	64-QAM	21.26	21.49	21.38	29.24	0.8395
10	1	25		21.19	21.28	21.31		
10	1	49		21.33	21.42	21.32		
10	25	0		20.33	20.25	20.20		
10	25	12		20.19	20.21	20.22		
10	25	25		20.06	19.99	20.18		
10	50	0		20.19	20.03	20.06		
10	1	0	256-QAM	18.37	18.31	18.31	26.19	0.4159
10	1	25		18.26	18.21	18.29		
10	1	49		18.11	18.44	18.33		
10	25	0		18.14	18.15	18.17		
10	25	12		18.27	18.17	18.21		
10	25	25		18.11	18.05	18.15		
10	50	0		18.14	18.07	18.19		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.07	23.09	23.07	30.91	1.2331
5	1	12		23.05	23.16	23.08		
5	1	24		22.87	22.99	22.96		
5	12	0		22.20	22.18	22.10		
5	12	7		22.32	22.28	22.14		
5	12	13		22.25	22.15	22.04		
5	25	0		22.08	22.08	22.07		
5	1	0	16-QAM	22.43	22.41	22.45	30.25	1.0593
5	1	12		22.50	22.46	22.29		
5	1	24		22.34	22.29	22.47		
5	12	0		21.19	21.26	21.21		
5	12	7		21.15	21.11	21.17		
5	12	13		21.26	21.26	21.13		
5	25	0		21.23	21.09	21.32		
5	1	0	64-QAM	21.34	21.34	21.37	29.13	0.8185
5	1	12		21.35	21.26	21.28		
5	1	24		21.16	21.27	21.38		
5	12	0		20.22	20.24	20.22		
5	12	7		20.23	20.15	20.34		
5	12	13		20.19	19.98	20.30		
5	25	0		20.27	20.09	20.05		
5	1	0	256-QAM	18.24	18.38	18.26	26.13	0.4102
5	1	12		18.13	18.33	18.21		
5	1	24		18.11	18.25	18.23		
5	12	0		18.15	18.24	18.30		
5	12	7		18.27	18.37	18.21		
5	12	13		18.06	18.11	18.07		
5	25	0		18.01	18.15	18.02		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.97	23.12	23.19	30.94	1.2417
3	1	8		23.03	23.00	23.15		
3	1	14		22.83	23.03	23.07		
3	8	0		22.20	22.29	22.16		
3	8	4		22.20	22.17	22.24		
3	8	7		22.22	22.17	22.11		
3	15	0		22.25	22.26	22.11		
3	1	0	16-QAM	22.42	22.44	22.49	30.24	1.0568
3	1	8		22.33	22.22	22.16		
3	1	14		22.24	22.25	22.33		
3	8	0		21.05	21.08	21.34		
3	8	4		21.16	21.24	21.09		
3	8	7		21.08	21.16	21.28		
3	15	0		21.14	21.20	21.31		
3	1	0	64-QAM	21.27	21.37	21.24	29.12	0.8166
3	1	8		21.17	21.14	21.25		
3	1	14		21.18	21.16	21.23		
3	8	0		20.26	20.09	20.34		
3	8	4		20.34	20.15	20.19		
3	8	7		20.18	20.24	20.19		
3	15	0		20.09	20.04	20.10		
3	1	0	256-QAM	18.11	18.47	18.30	26.22	0.4188
3	1	8		18.38	18.30	18.24		
3	1	14		18.19	18.34	18.24		
3	8	0		18.27	18.36	18.23		
3	8	4		18.20	18.07	18.18		
3	8	7		18.24	18.14	18.19		
3	15	0		18.24	18.27	18.04		
Limit	ERP < 7W			Result			Pass	



Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.08	23.13	23.13	30.98	1.2531
1.4	1	3		23.07	23.07	23.01		
1.4	1	5		22.80	23.03	23.11		
1.4	3	0		23.10	23.23	23.19		
1.4	3	1		23.01	23.05	23.03		
1.4	3	3		22.89	22.84	23.05		
1.4	6	0		22.21	22.17	22.22		
1.4	1	0	16-QAM	22.28	22.02	22.13	30.11	1.0257
1.4	1	3		22.15	22.13	22.08		
1.4	1	5		22.20	22.20	22.06		
1.4	3	0		22.34	22.16	22.29		
1.4	3	1		22.36	22.06	22.12		
1.4	3	3		22.10	22.12	22.02		
1.4	6	0		21.28	21.18	21.20		
1.4	1	0	64-QAM	21.22	21.35	21.25	29.10	0.8128
1.4	1	3		21.33	21.05	21.19		
1.4	1	5		21.17	21.05	21.28		
1.4	3	0		21.22	21.04	21.22		
1.4	3	1		21.25	21.20	21.20		
1.4	3	3		21.16	20.96	21.17		
1.4	6	0		20.28	20.12	20.22		
1.4	1	0	256-QAM	18.22	18.31	18.31	26.15	0.4121
1.4	1	3		18.29	18.29	18.26		
1.4	1	5		18.25	18.25	18.40		
1.4	3	0		18.18	18.33	18.28		
1.4	3	1		18.13	18.28	18.21		
1.4	3	3		18.11	18.38	18.31		
1.4	6	0		18.19	18.08	18.05		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.79	22.80	22.84	31.34	1.3614
20	1	49		22.58	22.63	22.71		
20	1	99		22.53	22.57	22.72		
20	50	0		21.57	21.62	21.71		
20	50	24		21.57	21.60	21.74		
20	50	50		21.45	21.49	21.71		
20	100	0		21.51	21.59	21.73		
20	1	0	16-QAM	21.59	21.55	21.75	30.25	1.0593
20	1	49		21.62	21.60	21.72		
20	1	99		21.52	21.59	21.59		
20	50	0		20.56	20.61	20.75		
20	50	24		20.57	20.64	20.76		
20	50	50		20.46	20.53	20.74		
20	100	0		20.54	20.57	20.73		
20	1	0	64-QAM	20.50	20.39	20.54	29.29	0.8492
20	1	49		20.54	20.56	20.79		
20	1	99		20.62	20.55	20.73		
20	50	0		19.58	19.59	19.72		
20	50	24		19.60	19.64	19.76		
20	50	50		19.46	19.52	19.69		
20	100	0		19.51	19.61	19.70		
20	1	0	256-QAM	17.58	17.52	17.60	26.29	0.4256
20	1	49		17.62	17.57	17.69		
20	1	99		17.36	17.41	17.59		
20	50	0		17.58	17.59	17.72		
20	50	24		17.57	17.60	17.79		
20	50	50		17.45	17.49	17.72		
20	100	0		17.50	17.57	17.75		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.57	22.58	22.75	31.25	1.3335
15	1	37		22.48	22.44	22.49		
15	1	74		22.47	22.49	22.56		
15	36	0		21.50	21.36	21.55		
15	36	20		21.43	21.34	21.71		
15	36	39		21.16	21.39	21.62		
15	75	0		21.31	21.37	21.64		
15	1	0	16-QAM	21.52	21.40	21.54	30.10	1.0233
15	1	37		21.49	21.48	21.60		
15	1	74		21.39	21.41	21.35		
15	36	0		20.38	20.39	20.55		
15	36	20		20.34	20.59	20.49		
15	36	39		20.36	20.41	20.54		
15	75	0		20.29	20.57	20.44		
15	1	0	64-QAM	20.34	20.24	20.26	29.07	0.8072
15	1	37		20.30	20.54	20.57		
15	1	74		20.33	20.53	20.50		
15	36	0		19.51	19.55	19.70		
15	36	20		19.50	19.48	19.61		
15	36	39		19.18	19.49	19.61		
15	75	0		19.41	19.49	19.63		
15	1	0	256-QAM	17.58	17.32	17.58	26.23	0.4198
15	1	37		17.58	17.48	17.66		
15	1	74		17.08	17.23	17.57		
15	36	0		17.56	17.32	17.65		
15	36	20		17.54	17.55	17.73		
15	36	39		17.42	17.29	17.44		
15	75	0		17.35	17.39	17.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.62	22.52	22.71	31.21	1.3213
10	1	25		22.40	22.48	22.71		
10	1	49		22.47	22.51	22.42		
10	25	0		21.51	21.55	21.52		
10	25	12		21.34	21.30	21.69		
10	25	25		21.23	21.33	21.65		
10	50	0		21.35	21.39	21.52		
10	1	0	16-QAM	21.58	21.27	21.48	30.18	1.0423
10	1	25		21.42	21.32	21.68		
10	1	49		21.38	21.53	21.59		
10	25	0		20.34	20.49	20.50		
10	25	12		20.45	20.50	20.66		
10	25	25		20.17	20.44	20.47		
10	50	0		20.45	20.43	20.65		
10	1	0	64-QAM	20.21	20.12	20.42	29.15	0.8222
10	1	25		20.41	20.52	20.61		
10	1	49		20.50	20.36	20.65		
10	25	0		19.33	19.55	19.58		
10	25	12		19.32	19.54	19.73		
10	25	25		19.36	19.50	19.63		
10	50	0		19.22	19.45	19.64		
10	1	0	256-QAM	17.43	17.25	17.50	26.22	0.4188
10	1	25		17.49	17.50	17.69		
10	1	49		17.14	17.17	17.44		
10	25	0		17.37	17.56	17.61		
10	25	12		17.57	17.39	17.72		
10	25	25		17.17	17.42	17.49		
10	50	0		17.39	17.33	17.47		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.71	22.59	22.60	31.21	1.3213
5	1	12		22.33	22.54	22.62		
5	1	24		22.45	22.41	22.54		
5	12	0		21.28	21.45	21.48		
5	12	7		21.48	21.30	21.62		
5	12	13		21.39	21.26	21.69		
5	25	0		21.26	21.44	21.60		
5	1	0	16-QAM	21.37	21.30	21.69	30.19	1.0447
5	1	12		21.41	21.35	21.54		
5	1	24		21.33	21.49	21.45		
5	12	0		20.54	20.47	20.58		
5	12	7		20.47	20.61	20.71		
5	12	13		20.19	20.29	20.51		
5	25	0		20.24	20.27	20.73		
5	1	0	64-QAM	20.24	20.36	20.28	29.04	0.8017
5	1	12		20.51	20.26	20.54		
5	1	24		20.48	20.29	20.45		
5	12	0		19.33	19.44	19.45		
5	12	7		19.32	19.50	19.54		
5	12	13		19.39	19.34	19.41		
5	25	0		19.34	19.33	19.52		
5	1	0	256-QAM	17.42	17.44	17.30	26.28	0.4246
5	1	12		17.47	17.34	17.68		
5	1	24		17.34	17.11	17.51		
5	12	0		17.54	17.49	17.48		
5	12	7		17.30	17.36	17.78		
5	12	13		17.27	17.34	17.65		
5	25	0		17.43	17.40	17.51		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 38(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	25.65	25.68	25.77	31.27	1.3397
20	1	49		25.55	25.60	25.72		
20	1	99		25.53	25.59	25.69		
20	50	0		24.62	24.65	24.77		
20	50	24		24.60	24.66	24.77		
20	50	50		24.48	24.55	24.72		
20	100	0		24.61	24.62	24.77		
20	1	0	16-QAM	24.95	24.98	24.99	30.49	1.1194
20	1	49		24.92	24.95	24.98		
20	1	99		24.81	24.93	24.96		
20	50	0		23.64	23.66	23.79		
20	50	24		23.62	23.69	23.81		
20	50	50		23.54	23.60	23.77		
20	100	0		23.60	23.64	23.76		
20	1	0	64-QAM	23.86	23.91	23.88	29.49	0.8892
20	1	49		23.76	23.89	23.99		
20	1	99		23.85	23.87	23.96		
20	50	0		22.67	22.68	22.81		
20	50	24		22.63	22.69	22.81		
20	50	50		22.53	22.56	22.78		
20	100	0		22.58	22.64	22.77		
20	1	0	256-QAM	20.77	20.71	20.83	26.47	0.4436
20	1	49		20.72	20.78	20.97		
20	1	99		20.71	20.59	20.69		
20	50	0		20.67	20.68	20.80		
20	50	24		20.67	20.73	20.77		
20	50	50		20.54	20.56	20.80		
20	100	0		20.62	20.68	20.80		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 38(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	25.42	25.42	25.58	31.08	1.2823
15	1	37		25.31	25.36	25.50		
15	1	74		25.40	25.35	25.41		
15	36	0		24.51	24.41	24.68		
15	36	20		24.32	24.36	24.56		
15	36	39		24.45	24.52	24.52		
15	75	0		24.52	24.43	24.60		
15	1	0	16-QAM	24.79	24.87	24.88	30.47	1.1143
15	1	37		24.75	24.85	24.97		
15	1	74		24.55	24.68	24.78		
15	36	0		23.64	23.40	23.71		
15	36	20		23.32	23.40	23.59		
15	36	39		23.54	23.41	23.60		
15	75	0		23.53	23.34	23.64		
15	1	0	64-QAM	23.75	23.66	23.88	29.47	0.8851
15	1	37		23.52	23.81	23.97		
15	1	74		23.69	23.64	23.88		
15	36	0		22.47	22.55	22.67		
15	36	20		22.39	22.43	22.78		
15	36	39		22.38	22.31	22.77		
15	75	0		22.42	22.43	22.48		
15	1	0	256-QAM	20.61	20.42	20.82	26.32	0.4285
15	1	37		20.50	20.65	20.68		
15	1	74		20.50	20.34	20.51		
15	36	0		20.37	20.65	20.71		
15	36	20		20.65	20.46	20.74		
15	36	39		20.35	20.52	20.59		
15	75	0		20.45	20.54	20.77		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 38(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	25.60	25.38	25.74	31.24	1.3305
10	1	25		25.49	25.45	25.48		
10	1	49		25.24	25.50	25.48		
10	25	0		24.50	24.41	24.65		
10	25	12		24.45	24.48	24.69		
10	25	25		24.34	24.39	24.47		
10	50	0		24.45	24.38	24.61		
10	1	0	16-QAM	24.82	24.75	24.93	30.43	1.1041
10	1	25		24.70	24.93	24.74		
10	1	49		24.79	24.84	24.78		
10	25	0		23.40	23.39	23.56		
10	25	12		23.51	23.53	23.67		
10	25	25		23.34	23.54	23.68		
10	50	0		23.34	23.54	23.51		
10	1	0	64-QAM	23.58	23.87	23.85	29.37	0.8650
10	1	25		23.76	23.64	23.77		
10	1	49		23.72	23.82	23.85		
10	25	0		22.55	22.43	22.71		
10	25	12		22.40	22.57	22.51		
10	25	25		22.42	22.49	22.73		
10	50	0		22.31	22.35	22.64		
10	1	0	256-QAM	20.51	20.58	20.80	26.30	0.4266
10	1	25		20.50	20.53	20.67		
10	1	49		20.52	20.51	20.61		
10	25	0		20.58	20.47	20.69		
10	25	12		20.64	20.54	20.64		
10	25	25		20.40	20.28	20.75		
10	50	0		20.62	20.49	20.70		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 38(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	25.56	25.65	25.59	31.19	1.3152
5	1	12		25.51	25.31	25.69		
5	1	24		25.30	25.42	25.64		
5	12	0		24.43	24.65	24.58		
5	12	7		24.32	24.65	24.47		
5	12	13		24.30	24.48	24.66		
5	25	0		24.31	24.61	24.64		
5	1	0	16-QAM	24.82	24.91	24.77	30.46	1.1117
5	1	12		24.72	24.91	24.86		
5	1	24		24.67	24.87	24.96		
5	12	0		23.48	23.54	23.55		
5	12	7		23.32	23.46	23.68		
5	12	13		23.38	23.51	23.51		
5	25	0		23.30	23.44	23.46		
5	1	0	64-QAM	23.70	23.83	23.69	29.48	0.8872
5	1	12		23.75	23.78	23.98		
5	1	24		23.79	23.65	23.70		
5	12	0		22.56	22.52	22.77		
5	12	7		22.51	22.54	22.54		
5	12	13		22.40	22.55	22.71		
5	25	0		22.38	22.44	22.56		
5	1	0	256-QAM	20.61	20.52	20.72	26.26	0.4227
5	1	12		20.64	20.63	20.75		
5	1	24		20.67	20.32	20.56		
5	12	0		20.48	20.51	20.58		
5	12	7		20.59	20.62	20.72		
5	12	13		20.44	20.50	20.62		
5	25	0		20.52	20.62	20.76		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.87	23.71	23.30	32.37	1.7258
20	1	49		23.82	23.69	23.27		
20	1	99		23.64	23.62	23.03		
20	50	0		22.88	22.75	22.26		
20	50	24		22.87	22.71	22.25		
20	50	50		22.75	22.61	22.10		
20	100	0		22.79	22.63	22.22		
20	1	0	16-QAM	22.91	22.75	22.24	31.41	1.3836
20	1	49		22.85	22.71	22.16		
20	1	99		22.74	22.62	22.03		
20	50	0		21.90	21.73	21.27		
20	50	24		21.88	21.68	21.24		
20	50	50		21.73	21.63	21.12		
20	100	0		21.85	21.61	21.23		
20	1	0	64-QAM	22.00	21.95	21.29	30.50	1.1220
20	1	49		21.88	21.81	21.27		
20	1	99		21.67	21.50	21.00		
20	50	0		20.91	20.73	20.26		
20	50	24		20.90	20.71	20.25		
20	50	50		20.72	20.61	20.11		
20	100	0		20.83	20.63	20.20		
20	1	0	256-QAM	18.90	18.62	18.33	27.44	0.5546
20	1	49		18.86	18.56	18.15		
20	1	99		18.80	18.48	18.00		
20	50	0		18.94	18.69	18.33		
20	50	24		18.91	18.67	18.27		
20	50	50		18.71	18.62	18.13		
20	100	0		18.87	18.63	18.25		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.82	23.67	23.23	32.32	1.7061
15	1	37		23.75	23.66	23.21		
15	1	74		23.47	23.47	23.01		
15	36	0		22.77	22.61	22.16		
15	36	20		22.79	22.62	22.10		
15	36	39		22.67	22.49	22.00		
15	75	0		22.74	22.54	22.19		
15	1	0	16-QAM	22.87	22.71	22.17	31.37	1.3709
15	1	37		22.68	22.66	22.01		
15	1	74		22.68	22.60	22.00		
15	36	0		21.75	21.64	21.16		
15	36	20		21.80	21.53	21.13		
15	36	39		21.66	21.55	21.10		
15	75	0		21.81	21.41	21.11		
15	1	0	64-QAM	21.82	21.89	21.09	30.39	1.0940
15	1	37		21.72	21.76	21.11		
15	1	74		21.54	21.40	21.03		
15	36	0		20.71	20.59	20.26		
15	36	20		20.85	20.53	20.09		
15	36	39		20.63	20.45	20.20		
15	75	0		20.68	20.60	20.08		
15	1	0	256-QAM	18.85	18.43	18.33	27.35	0.5433
15	1	37		18.73	18.41	18.02		
15	1	74		18.65	18.46	18.00		
15	36	0		18.74	18.67	18.23		
15	36	20		18.78	18.47	18.08		
15	36	39		18.67	18.48	18.02		
15	75	0		18.80	18.63	18.11		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.81	23.59	23.17	32.31	1.7022
10	1	25		23.71	23.53	23.24		
10	1	49		23.62	23.45	23.02		
10	25	0		22.74	22.70	22.23		
10	25	12		22.76	22.59	22.23		
10	25	25		22.66	22.47	22.06		
10	50	0		22.65	22.43	22.03		
10	1	0	16-QAM	22.77	22.65	22.09	31.30	1.3490
10	1	25		22.80	22.52	22.09		
10	1	49		22.55	22.46	22.01		
10	25	0		21.85	21.55	21.15		
10	25	12		21.73	21.50	21.14		
10	25	25		21.65	21.43	21.04		
10	50	0		21.80	21.57	21.10		
10	1	0	64-QAM	21.88	21.83	21.20	30.38	1.0914
10	1	25		21.84	21.79	21.09		
10	1	49		21.52	21.43	21.00		
10	25	0		20.91	20.60	20.14		
10	25	12		20.88	20.53	20.21		
10	25	25		20.68	20.57	20.11		
10	50	0		20.70	20.53	20.18		
10	1	0	256-QAM	18.76	18.55	18.19	27.37	0.5458
10	1	25		18.78	18.53	18.07		
10	1	49		18.65	18.41	18.01		
10	25	0		18.77	18.64	18.30		
10	25	12		18.83	18.52	18.23		
10	25	25		18.58	18.62	18.00		
10	50	0		18.87	18.44	18.24		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.74	23.54	23.17	32.24	1.6749
5	1	12		23.68	23.68	23.18		
5	1	24		23.62	23.62	23.04		
5	12	0		22.71	22.70	22.24		
5	12	7		22.79	22.71	22.19		
5	12	13		22.64	22.54	22.06		
5	25	0		22.78	22.58	22.19		
5	1	0	16-QAM	22.88	22.70	22.13	31.38	1.3740
5	1	12		22.65	22.68	22.09		
5	1	24		22.59	22.62	22.01		
5	12	0		21.83	21.68	21.25		
5	12	7		21.73	21.60	21.17		
5	12	13		21.54	21.50	21.04		
5	25	0		21.68	21.53	21.08		
5	1	0	64-QAM	21.88	21.82	21.15	30.38	1.0914
5	1	12		21.76	21.61	21.21		
5	1	24		21.58	21.31	21.06		
5	12	0		20.86	20.70	20.17		
5	12	7		20.81	20.66	20.22		
5	12	13		20.57	20.50	20.29		
5	25	0		20.69	20.60	20.02		
5	1	0	256-QAM	18.74	18.55	18.31	27.30	0.5370
5	1	12		18.75	18.42	18.09		
5	1	24		18.80	18.36	18.00		
5	12	0		18.77	18.59	18.29		
5	12	7		18.74	18.61	18.08		
5	12	13		18.63	18.55	18.05		
5	25	0		18.68	18.52	18.06		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

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	25.87	25.65	25.58	31.37	1.3709
20	1	49		25.83	25.73	25.55		
20	1	99		25.03	25.68	25.32		
20	50	0		24.95	24.72	24.63		
20	50	24		25.02	24.80	24.59		
20	50	50		24.69	24.73	24.44		
20	100	0		24.94	24.76	24.53		
20	1	0	16-QAM	25.19	24.92	24.87	30.72	1.1803
20	1	49		25.22	25.04	24.85		
20	1	99		24.16	25.03	24.55		
20	50	0		24.04	23.74	23.67		
20	50	24		24.05	23.83	23.63		
20	50	50		23.84	23.75	23.51		
20	100	0		24.02	23.78	23.58		
20	1	0	64-QAM	24.18	23.82	23.83	29.68	0.9290
20	1	49		24.11	24.03	23.98		
20	1	99		23.39	24.04	23.58		
20	50	0		23.03	22.76	22.64		
20	50	24		23.06	22.83	22.66		
20	50	50		22.94	22.77	22.49		
20	100	0		22.99	22.77	22.57		
20	1	0	256-QAM	21.04	20.73	20.78	26.62	0.4592
20	1	49		21.12	20.95	20.85		
20	1	99		20.79	20.97	20.36		
20	50	0		21.03	20.78	20.67		
20	50	24		21.10	20.82	20.64		
20	50	50		20.93	20.77	20.41		
20	100	0		20.98	20.76	20.61		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

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	25.79	25.63	25.52	31.29	1.3459
15	1	37		25.79	25.70	25.35		
15	1	74		25.09	25.49	25.21		
15	36	0		24.89	24.57	24.63		
15	36	20		24.92	24.79	24.49		
15	36	39		24.52	24.71	24.43		
15	75	0		24.91	24.73	24.34		
15	1	0	16-QAM	25.11	24.91	24.71	30.61	1.1508
15	1	37		25.02	24.94	24.83		
15	1	74		24.11	25.01	24.49		
15	36	0		23.97	23.73	23.63		
15	36	20		24.03	23.81	23.44		
15	36	39		23.81	23.75	23.42		
15	75	0		23.95	23.68	23.40		
15	1	0	64-QAM	24.11	23.82	23.66	29.61	0.9141
15	1	37		24.08	23.84	23.98		
15	1	74		23.30	23.85	23.58		
15	36	0		22.92	22.61	22.52		
15	36	20		23.00	22.67	22.58		
15	36	39		22.91	22.57	22.30		
15	75	0		22.92	22.69	22.38		
15	1	0	256-QAM	20.96	20.53	20.75	26.53	0.4498
15	1	37		21.03	20.91	20.69		
15	1	74		20.77	20.88	20.34		
15	36	0		20.87	20.67	20.66		
15	36	20		20.99	20.65	20.56		
15	36	39		20.85	20.60	20.41		
15	75	0		20.94	20.75	20.51		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

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	25.84	25.46	25.54	31.34	1.3614
10	1	25		25.74	25.73	25.53		
10	1	49		25.00	25.52	25.23		
10	25	0		24.91	24.60	24.48		
10	25	12		24.91	24.78	24.50		
10	25	25		24.62	24.68	24.40		
10	50	0		24.92	24.60	24.34		
10	1	0	16-QAM	25.16	24.73	24.77	30.66	1.1641
10	1	25		25.08	24.93	24.76		
10	1	49		24.04	25.01	24.54		
10	25	0		23.84	23.66	23.48		
10	25	12		23.91	23.73	23.47		
10	25	25		23.84	23.55	23.32		
10	50	0		23.84	23.71	23.41		
10	1	0	64-QAM	24.16	23.74	23.77	29.66	0.9247
10	1	25		24.02	24.02	23.94		
10	1	49		23.25	23.90	23.46		
10	25	0		23.02	22.71	22.58		
10	25	12		23.02	22.77	22.60		
10	25	25		22.93	22.64	22.38		
10	50	0		22.79	22.72	22.47		
10	1	0	256-QAM	20.88	20.70	20.78	26.56	0.4529
10	1	25		21.06	20.84	20.72		
10	1	49		20.68	20.83	20.35		
10	25	0		20.98	20.69	20.65		
10	25	12		20.92	20.69	20.50		
10	25	25		20.83	20.73	20.34		
10	50	0		20.94	20.72	20.58		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

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	25.73	25.65	25.49	31.23	1.3274
5	1	12		25.68	25.71	25.36		
5	1	24		25.06	25.67	25.22		
5	12	0		24.88	24.59	24.46		
5	12	7		24.83	24.60	24.43		
5	12	13		24.68	24.61	24.30		
5	25	0		24.75	24.74	24.45		
5	1	0	16-QAM	25.09	24.75	24.84	30.59	1.1455
5	1	12		25.07	25.04	24.67		
5	1	24		24.10	24.98	24.47		
5	12	0		24.03	23.55	23.61		
5	12	7		23.85	23.74	23.61		
5	12	13		23.67	23.71	23.32		
5	25	0		23.83	23.68	23.41		
5	1	0	64-QAM	24.14	23.67	23.70	29.64	0.9204
5	1	12		24.08	24.01	23.81		
5	1	24		23.37	24.01	23.40		
5	12	0		22.91	22.72	22.50		
5	12	7		22.90	22.70	22.63		
5	12	13		22.83	22.72	22.49		
5	25	0		22.79	22.61	22.50		
5	1	0	256-QAM	20.88	20.53	20.76	26.53	0.4498
5	1	12		21.03	20.91	20.68		
5	1	24		20.67	20.78	20.16		
5	12	0		20.87	20.70	20.56		
5	12	7		20.96	20.76	20.47		
5	12	13		20.90	20.70	20.25		
5	25	0		20.86	20.60	20.47		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	22.28	-	22.28	0.1690			
10	1	25			22.16						
10	1	49			22.24						
10	25	0			21.26						
10	25	12			21.21						
10	25	25			21.15						
10	50	0			21.14						
10	1	0	16-QAM		21.28		-	21.44	0.1393		
10	1	25			21.40						
10	1	49			21.44						
10	25	0			20.22						
10	25	12			20.16						
10	25	25			20.21						
10	50	0			20.15						
10	1	0	64-QAM		20.40			-	20.49	0.1119	
10	1	25			20.32						
10	1	49			20.49						
10	25	0			19.24						
10	25	12			19.23						
10	25	25			19.24						
10	50	0			19.12						
10	1	0	256-QAM		17.19				-	17.33	0.0541
10	1	25			17.33						
10	1	49			17.17						
10	25	0			17.24						
10	25	12			17.15						
10	25	25			17.18						
10	50	0			17.16						
Limit	EIRP < 250mW/5MHz			Result						Pass	

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



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.13	22.23	22.26	22.26	0.1683
5	1	12		22.15	22.18	22.22		
5	1	24		22.08	22.08	22.16		
5	12	0		21.33	21.17	21.25		
5	12	7		21.25	21.21	21.22		
5	12	13		21.09	21.12	21.23		
5	25	0		21.21	21.17	21.26		
5	1	0	16-QAM	21.60	21.61	21.53	21.73	0.1489
5	1	12		21.65	21.63	21.73		
5	1	24		21.56	21.56	21.55		
5	12	0		20.25	20.28	20.27		
5	12	7		20.26	20.21	20.30		
5	12	13		20.18	20.22	20.31		
5	25	0		20.23	20.18	20.25		
5	1	0	64-QAM	20.29	20.26	20.33	20.54	0.1132
5	1	12		20.52	20.39	20.54		
5	1	24		20.37	20.44	20.35		
5	12	0		19.27	19.24	19.25		
5	12	7		19.31	19.25	19.35		
5	12	13		19.17	19.20	19.26		
5	25	0		19.22	19.21	19.23		
5	1	0	256-QAM	17.28	17.27	17.28	17.35	0.0543
5	1	12		17.27	17.29	17.34		
5	1	24		17.14	17.35	17.23		
5	12	0		17.17	17.21	17.22		
5	12	7		17.23	17.21	17.24		
5	12	13		17.11	17.15	17.25		
5	25	0		17.19	17.10	17.25		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.03	22.90	23.01	27.53	0.5662
20	1	49		22.87	22.70	22.93		
20	1	99		22.69	22.79	22.94		
20	50	0		22.02	21.80	22.27		
20	50	24		21.99	21.78	22.26		
20	50	50		21.93	21.77	22.24		
20	100	0		21.96	21.80	22.13		
20	1	0	16-QAM	22.34	21.39	22.37	26.87	0.4864
20	1	49		22.21	22.22	22.33		
20	1	99		21.73	21.95	22.21		
20	50	0		20.98	20.81	21.14		
20	50	24		20.97	20.75	21.11		
20	50	50		20.81	20.79	21.13		
20	100	0		20.89	20.84	21.14		
20	1	0	64-QAM	21.33	21.30	21.43	25.93	0.3917
20	1	49		21.01	20.90	20.99		
20	1	99		21.32	21.24	21.41		
20	50	0		20.03	19.84	20.23		
20	50	24		19.99	19.81	20.09		
20	50	50		19.81	19.73	20.22		
20	100	0		19.97	19.71	20.19		
20	1	0	256-QAM	18.13	17.95	18.30	22.80	0.1905
20	1	49		18.04	17.92	18.29		
20	1	99		17.63	17.84	18.09		
20	50	0		18.01	17.85	18.19		
20	50	24		17.98	17.79	18.12		
20	50	50		17.78	17.83	18.18		
20	100	0		17.90	17.69	18.17		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.83	22.87	22.86	27.39	0.5483
15	1	37		22.73	22.52	22.74		
15	1	74		22.50	22.62	22.89		
15	36	0		21.97	21.66	22.09		
15	36	20		21.86	21.61	22.26		
15	36	39		21.91	21.59	22.21		
15	75	0		21.82	21.72	22.07		
15	1	0	16-QAM	22.29	21.28	22.33	26.83	0.4819
15	1	37		22.20	22.11	22.30		
15	1	74		21.73	21.85	22.21		
15	36	0		20.82	20.79	21.06		
15	36	20		20.96	20.56	21.07		
15	36	39		20.65	20.60	21.06		
15	75	0		20.69	20.65	21.14		
15	1	0	64-QAM	21.16	21.20	21.26	25.76	0.3767
15	1	37		20.96	20.73	20.79		
15	1	74		21.19	21.18	21.23		
15	36	0		20.00	19.73	20.21		
15	36	20		19.88	19.69	19.92		
15	36	39		19.67	19.61	20.13		
15	75	0		19.97	19.66	19.99		
15	1	0	256-QAM	17.95	17.78	18.16	22.66	0.1845
15	1	37		17.92	17.72	18.13		
15	1	74		17.53	17.76	18.03		
15	36	0		17.81	17.83	17.99		
15	36	20		17.97	17.75	18.04		
15	36	39		17.73	17.75	18.08		
15	75	0		17.77	17.63	18.14		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.02	22.78	22.86	27.52	0.5649
10	1	25		22.73	22.63	22.87		
10	1	49		22.50	22.78	22.88		
10	25	0		21.96	21.75	22.23		
10	25	12		21.79	21.75	22.22		
10	25	25		21.86	21.57	22.12		
10	50	0		21.78	21.69	22.12		
10	1	0	16-QAM	22.33	21.37	22.37	26.87	0.4864
10	1	25		22.12	22.14	22.21		
10	1	49		21.56	21.94	22.12		
10	25	0		20.95	20.62	20.95		
10	25	12		20.82	20.59	20.99		
10	25	25		20.62	20.65	20.93		
10	50	0		20.89	20.78	21.03		
10	1	0	64-QAM	21.21	21.27	21.24	25.82	0.3819
10	1	25		20.88	20.73	20.86		
10	1	49		21.19	21.09	21.32		
10	25	0		19.92	19.77	20.07		
10	25	12		19.80	19.80	19.90		
10	25	25		19.77	19.56	20.06		
10	50	0		19.78	19.61	20.08		
10	1	0	256-QAM	17.93	17.92	18.13	22.63	0.1832
10	1	25		18.00	17.75	18.09		
10	1	49		17.46	17.80	17.99		
10	25	0		17.92	17.68	18.12		
10	25	12		17.78	17.73	18.05		
10	25	25		17.64	17.72	17.99		
10	50	0		17.80	17.62	18.00		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.96	22.74	22.85	27.46	0.5572
5	1	12		22.80	22.66	22.87		
5	1	24		22.62	22.71	22.75		
5	12	0		21.96	21.64	22.07		
5	12	7		21.86	21.76	22.14		
5	12	13		21.73	21.64	22.04		
5	25	0		21.82	21.64	21.99		
5	1	0	16-QAM	22.19	21.28	22.24	26.74	0.4721
5	1	12		22.12	22.12	22.17		
5	1	24		21.68	21.85	22.03		
5	12	0		20.83	20.65	21.14		
5	12	7		20.93	20.70	20.93		
5	12	13		20.77	20.75	20.98		
5	25	0		20.70	20.73	21.02		
5	1	0	64-QAM	21.23	21.28	21.28	25.78	0.3784
5	1	12		21.00	20.78	20.84		
5	1	24		21.27	21.24	21.25		
5	12	0		20.01	19.69	20.05		
5	12	7		19.95	19.78	20.01		
5	12	13		19.72	19.72	20.14		
5	25	0		19.92	19.68	20.01		
5	1	0	256-QAM	17.93	17.81	18.16	22.68	0.1854
5	1	12		17.94	17.77	18.14		
5	1	24		17.45	17.75	18.09		
5	12	0		17.85	17.73	18.16		
5	12	7		17.82	17.72	18.06		
5	12	13		17.74	17.79	18.18		
5	25	0		17.73	17.54	18.15		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.89	22.85	22.99	27.49	0.5610
3	1	8		22.79	22.65	22.89		
3	1	14		22.65	22.76	22.94		
3	8	0		21.85	21.74	22.11		
3	8	4		21.91	21.72	22.09		
3	8	7		21.91	21.69	22.23		
3	15	0		21.89	21.64	21.94		
3	1	0	16-QAM	22.33	21.27	22.20	26.83	0.4819
3	1	8		22.07	22.18	22.17		
3	1	14		21.66	21.93	22.15		
3	8	0		20.95	20.80	21.13		
3	8	4		20.97	20.64	21.07		
3	8	7		20.80	20.78	21.03		
3	15	0		20.77	20.84	20.99		
3	1	0	64-QAM	21.31	21.25	21.30	25.81	0.3811
3	1	8		20.97	20.82	20.81		
3	1	14		21.27	21.23	21.28		
3	8	0		19.90	19.81	20.12		
3	8	4		19.92	19.73	19.97		
3	8	7		19.63	19.73	20.02		
3	15	0		19.86	19.63	20.09		
3	1	0	256-QAM	18.13	17.81	18.18	22.77	0.1892
3	1	8		17.92	17.84	18.27		
3	1	14		17.53	17.73	17.94		
3	8	0		17.83	17.75	18.14		
3	8	4		17.85	17.66	18.06		
3	8	7		17.65	17.77	18.01		
3	15	0		17.80	17.68	17.98		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.94	22.75	22.90	27.50	0.5623
1.4	1	3		22.70	22.70	22.92		
1.4	1	5		22.66	22.68	22.92		
1.4	3	0		22.96	22.89	23.00		
1.4	3	1		22.75	22.68	22.77		
1.4	3	3		22.59	22.77	22.90		
1.4	6	0		21.91	21.76	22.16		
1.4	1	0	16-QAM	21.95	21.76	22.18	26.71	0.4688
1.4	1	3		21.93	21.72	22.18		
1.4	1	5		21.81	21.69	22.21		
1.4	3	0		21.83	21.72	22.17		
1.4	3	1		21.95	21.65	22.11		
1.4	3	3		21.84	21.74	22.20		
1.4	6	0		20.89	20.66	21.02		
1.4	1	0	64-QAM	20.97	20.67	21.08	25.58	0.3614
1.4	1	3		20.86	20.72	20.98		
1.4	1	5		20.78	20.69	21.05		
1.4	3	0		20.79	20.70	21.03		
1.4	3	1		20.94	20.70	21.08		
1.4	3	3		20.73	20.64	20.93		
1.4	6	0		19.94	19.77	20.17		
1.4	1	0	256-QAM	18.05	17.87	18.19	22.76	0.1888
1.4	1	3		17.98	17.81	18.26		
1.4	1	5		17.55	17.76	18.09		
1.4	3	0		18.11	17.87	18.21		
1.4	3	1		17.98	17.87	18.13		
1.4	3	3		17.60	17.68	17.94		
1.4	6	0		17.84	17.61	18.09		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.10	23.17	23.21	29.46	0.8831
20	1	49		23.07	23.14	23.18		
20	1	99		23.00	23.02	23.05		
20	50	0		22.15	22.23	22.24		
20	50	24		22.12	22.22	22.20		
20	50	50		22.11	22.17	22.20		
20	100	0		22.13	22.22	22.23		
20	1	0	16-QAM	22.40	22.42	22.46	28.71	0.7430
20	1	49		22.21	22.39	22.35		
20	1	99		22.36	22.28	22.37		
20	50	0		21.23	21.25	21.30		
20	50	24		21.21	21.20	21.20		
20	50	50		21.18	21.21	21.26		
20	100	0		21.21	21.19	21.23		
20	1	0	64-QAM	21.28	21.38	21.51	27.76	0.5970
20	1	49		21.27	21.34	21.44		
20	1	99		21.23	21.25	21.40		
20	50	0		20.25	20.30	20.28		
20	50	24		20.23	20.29	20.21		
20	50	50		20.22	20.24	20.27		
20	100	0		20.20	20.22	20.26		
20	1	0	256-QAM	18.26	18.31	18.32	24.57	0.2864
20	1	49		18.15	18.28	18.31		
20	1	99		18.20	18.23	18.29		
20	50	0		18.21	18.26	18.25		
20	50	24		18.12	18.16	18.20		
20	50	50		18.19	18.24	18.23		
20	100	0		18.17	18.18	18.15		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.91	23.15	23.07	29.40	0.8710
15	1	37		22.90	23.10	23.02		
15	1	74		22.97	23.01	22.99		
15	36	0		21.95	22.06	22.10		
15	36	20		22.09	22.09	22.10		
15	36	39		21.91	22.14	22.16		
15	75	0		21.93	22.12	22.17		
15	1	0	16-QAM	22.24	22.24	22.27	28.59	0.7228
15	1	37		22.16	22.34	22.29		
15	1	74		22.34	22.18	22.17		
15	36	0		21.10	21.07	21.24		
15	36	20		21.17	21.16	21.16		
15	36	39		21.10	21.02	21.13		
15	75	0		21.14	21.03	21.22		
15	1	0	64-QAM	21.27	21.36	21.35	27.61	0.5768
15	1	37		21.21	21.28	21.31		
15	1	74		21.04	21.23	21.26		
15	36	0		20.13	20.25	20.16		
15	36	20		20.10	20.29	20.04		
15	36	39		20.22	20.05	20.23		
15	75	0		20.07	20.20	20.26		
15	1	0	256-QAM	18.21	18.23	18.24	24.55	0.2851
15	1	37		17.99	18.15	18.30		
15	1	74		18.16	18.19	18.28		
15	36	0		18.14	18.22	18.19		
15	36	20		17.95	18.09	18.19		
15	36	39		18.07	18.07	18.13		
15	75	0		18.02	18.13	17.96		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.10	23.06	23.18	29.43	0.8770
10	1	25		22.99	23.10	23.13		
10	1	49		22.93	22.93	22.98		
10	25	0		22.08	22.07	22.09		
10	25	12		22.10	22.10	22.02		
10	25	25		21.99	22.11	22.07		
10	50	0		22.09	22.10	22.18		
10	1	0	16-QAM	22.39	22.39	22.39	28.64	0.7311
10	1	25		22.04	22.25	22.17		
10	1	49		22.25	22.28	22.28		
10	25	0		21.10	21.05	21.17		
10	25	12		21.15	21.18	21.14		
10	25	25		21.10	21.17	21.26		
10	50	0		21.03	21.08	21.19		
10	1	0	64-QAM	21.12	21.21	21.51	27.76	0.5970
10	1	25		21.12	21.14	21.31		
10	1	49		21.13	21.25	21.30		
10	25	0		20.16	20.27	20.08		
10	25	12		20.21	20.21	20.14		
10	25	25		20.04	20.14	20.17		
10	50	0		20.16	20.15	20.15		
10	1	0	256-QAM	18.26	18.17	18.17	24.51	0.2825
10	1	25		18.01	18.08	18.13		
10	1	49		18.15	18.11	18.24		
10	25	0		18.13	18.24	18.12		
10	25	12		18.03	18.06	18.19		
10	25	25		18.19	18.14	18.12		
10	50	0		18.02	18.09	18.15		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.94	23.05	23.19	29.44	0.8790
5	1	12		22.96	22.99	23.01		
5	1	24		22.83	23.02	22.95		
5	12	0		22.03	22.07	22.20		
5	12	7		22.01	22.08	22.03		
5	12	13		21.98	21.98	22.03		
5	25	0		21.95	22.05	22.17		
5	1	0	16-QAM	22.29	22.32	22.46	28.71	0.7430
5	1	12		22.17	22.36	22.18		
5	1	24		22.16	22.20	22.21		
5	12	0		21.16	21.11	21.12		
5	12	7		21.04	21.01	21.14		
5	12	13		21.02	21.07	21.07		
5	25	0		21.10	21.11	21.13		
5	1	0	64-QAM	21.28	21.36	21.33	27.64	0.5808
5	1	12		21.20	21.20	21.39		
5	1	24		21.13	21.09	21.32		
5	12	0		20.24	20.27	20.18		
5	12	7		20.19	20.17	20.20		
5	12	13		20.16	20.07	20.24		
5	25	0		20.15	20.11	20.23		
5	1	0	256-QAM	18.06	18.12	18.24	24.53	0.2838
5	1	12		18.03	18.28	18.17		
5	1	24		18.19	18.05	18.11		
5	12	0		18.08	18.17	18.12		
5	12	7		17.99	17.96	18.16		
5	12	13		18.16	18.23	18.21		
5	25	0		17.99	18.04	18.10		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 10.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.93	-	30.98	1.2531
10	1	25			22.76			
10	1	49			22.84			
10	25	0			22.03			
10	25	12			21.85			
10	25	25			22.01			
10	50	0			21.97			
10	1	0	16-QAM		22.11		30.16	1.0375
10	1	25			21.73			
10	1	49			22.06			
10	25	0			21.16			
10	25	12			21.03			
10	25	25			21.13			
10	50	0			20.84			
10	1	0	64-QAM		21.02		29.07	0.8072
10	1	25			20.91			
10	1	49			20.79			
10	25	0			20.13			
10	25	12			20.02			
10	25	25			20.08			
10	50	0			20.11			
10	1	0	256-QAM		18.22		26.27	0.4236
10	1	25			17.64			
10	1	49			17.67			
10	25	0			18.11			
10	25	12			18.06			
10	25	25			17.97			
10	50	0			17.94			
Limit	ERP < 3W			Result			Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = 10.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.86	22.75	22.91	30.96	1.2474
5	1	12		22.61	22.58	22.66		
5	1	24		22.81	22.64	22.66		
5	12	0		21.95	21.83	22.02		
5	12	7		21.83	21.67	21.77		
5	12	13		21.85	21.82	21.94		
5	25	0		21.88	21.93	21.85		
5	1	0	16-QAM	22.06	21.98	21.93	30.11	1.0257
5	1	12		21.61	21.55	21.65		
5	1	24		22.00	22.03	22.06		
5	12	0		20.98	20.97	20.95		
5	12	7		21.03	20.94	21.03		
5	12	13		21.07	21.02	20.97		
5	25	0		20.75	20.76	20.69		
5	1	0	64-QAM	20.86	20.86	21.01	29.06	0.8054
5	1	12		20.89	20.80	20.90		
5	1	24		20.69	20.60	20.73		
5	12	0		19.83	19.99	19.84		
5	12	7		19.92	19.88	20.01		
5	12	13		20.07	20.01	19.98		
5	25	0		20.08	19.97	20.00		
5	1	0	256-QAM	18.04	18.09	18.09	26.14	0.4111
5	1	12		17.56	17.52	17.57		
5	1	24		17.59	17.63	17.51		
5	12	0		17.93	17.90	17.93		
5	12	7		17.91	18.05	17.99		
5	12	13		17.77	17.81	17.86		
5	25	0		17.78	17.82	17.93		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.17	-	-	30.92	1.2359
15	1	37		23.15	-	-		
15	1	74		22.92	-	-		
15	36	0		22.32	-	-		
15	36	20		22.30	-	-		
15	36	39		22.30	-	-		
15	75	0		22.25	-	-		
15	1	0	16-QAM	22.53	-	-	30.28	1.0666
15	1	37		22.51	-	-		
15	1	74		22.28	-	-		
15	36	0		21.33	-	-		
15	36	20		21.30	-	-		
15	36	39		21.27	-	-		
15	75	0		21.21	-	-		
15	1	0	64-QAM	21.42	-	-	29.17	0.8260
15	1	37		21.41	-	-		
15	1	74		21.28	-	-		
15	36	0		20.33	-	-		
15	36	20		20.31	-	-		
15	36	39		20.29	-	-		
15	75	0		20.24	-	-		
15	1	0	256-QAM	18.32	-	-	26.07	0.4046
15	1	37		18.31	-	-		
15	1	74		18.30	-	-		
15	36	0		18.30	-	-		
15	36	20		18.24	-	-		
15	36	39		18.28	-	-		
15	75	0		18.18	-	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.16	-	30.91	1.2331
10	1	25		-	23.08	-		
10	1	49		-	23.06	-		
10	25	0		-	22.14	-		
10	25	12		-	22.08	-		
10	25	25		-	22.14	-		
10	50	0		-	22.21	-		
10	1	0	16-QAM	-	22.51	-	30.26	1.0617
10	1	25		-	22.46	-		
10	1	49		-	22.43	-		
10	25	0		-	21.19	-		
10	25	12		-	21.06	-		
10	25	25		-	21.08	-		
10	50	0		-	21.06	-		
10	1	0	64-QAM	-	21.39	-	29.14	0.8204
10	1	25		-	21.24	-		
10	1	49		-	21.34	-		
10	25	0		-	20.22	-		
10	25	12		-	20.12	-		
10	25	25		-	20.05	-		
10	50	0		-	20.12	-		
10	1	0	256-QAM	-	18.32	-	26.13	0.4102
10	1	25		-	18.28	-		
10	1	49		-	18.38	-		
10	25	0		-	18.25	-		
10	25	12		-	18.13	-		
10	25	25		-	18.08	-		
10	50	0		-	18.17	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.03	23.11	23.08	30.86	1.2190
5	1	12		23.04	22.94	23.00		
5	1	24		22.81	22.91	22.91		
5	12	0		22.27	22.32	22.35		
5	12	7		22.29	22.33	22.21		
5	12	13		22.22	22.12	22.20		
5	25	0		22.18	22.15	22.11		
5	1	0	16-QAM	22.43	22.51	22.51	30.26	1.0617
5	1	12		22.45	22.45	22.42		
5	1	24		22.24	22.16	22.18		
5	12	0		21.18	21.18	21.23		
5	12	7		21.10	21.06	21.12		
5	12	13		21.17	21.24	21.07		
5	25	0		21.14	21.13	21.22		
5	1	0	64-QAM	21.26	21.22	21.17	29.20	0.8318
5	1	12		21.40	21.45	21.33		
5	1	24		21.22	21.28	21.22		
5	12	0		20.30	20.22	20.20		
5	12	7		20.30	20.34	20.26		
5	12	13		20.12	20.05	20.06		
5	25	0		20.22	20.26	20.25		
5	1	0	256-QAM	18.28	18.18	18.23	26.03	0.4009
5	1	12		18.11	18.10	18.15		
5	1	24		18.16	18.19	18.20		
5	12	0		18.21	18.13	18.19		
5	12	7		18.21	18.27	18.25		
5	12	13		18.15	18.06	18.17		
5	25	0		18.00	18.07	18.08		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.03	23.04	22.96	30.79	1.1995
3	1	8		23.00	23.02	22.94		
3	1	14		22.74	22.64	22.65		
3	8	0		22.16	22.08	22.19		
3	8	4		22.17	22.24	22.08		
3	8	7		22.24	22.28	22.19		
3	15	0		22.16	22.14	22.11		
3	1	0	16-QAM	22.37	22.45	22.36	30.20	1.0471
3	1	8		22.40	22.41	22.44		
3	1	14		22.19	22.28	22.16		
3	8	0		21.14	21.20	21.13		
3	8	4		21.22	21.22	21.17		
3	8	7		21.12	21.12	21.14		
3	15	0		21.05	21.08	21.08		
3	1	0	64-QAM	21.27	21.30	21.19	29.05	0.8035
3	1	8		21.21	21.24	21.14		
3	1	14		21.08	21.07	21.02		
3	8	0		20.30	20.23	20.40		
3	8	4		20.25	20.20	20.22		
3	8	7		20.13	20.03	20.22		
3	15	0		20.13	20.17	20.12		
3	1	0	256-QAM	18.18	18.13	18.09	26.09	0.4064
3	1	8		18.30	18.26	18.25		
3	1	14		18.28	18.34	18.22		
3	8	0		18.23	18.33	18.25		
3	8	4		18.18	18.18	18.23		
3	8	7		18.20	18.21	18.29		
3	15	0		18.16	18.20	18.22		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.03	23.09	23.12	30.88	1.2246
1.4	1	3		23.06	23.02	23.02		
1.4	1	5		22.89	22.95	22.84		
1.4	3	0		23.03	23.11	23.13		
1.4	3	1		23.07	23.05	22.98		
1.4	3	3		22.92	22.89	22.92		
1.4	6	0		22.27	22.18	22.30		
1.4	1	0	16-QAM	22.28	22.33	22.29	30.12	1.0280
1.4	1	3		22.22	22.28	22.29		
1.4	1	5		22.20	22.20	22.29		
1.4	3	0		22.29	22.21	22.36		
1.4	3	1		22.30	22.37	22.35		
1.4	3	3		22.14	22.16	22.20		
1.4	6	0		21.22	21.30	21.13		
1.4	1	0	64-QAM	21.31	21.27	21.33	29.14	0.8204
1.4	1	3		21.26	21.36	21.19		
1.4	1	5		21.22	21.26	21.28		
1.4	3	0		21.29	21.39	21.28		
1.4	3	1		21.26	21.25	21.30		
1.4	3	3		21.10	21.19	21.15		
1.4	6	0		20.26	20.26	20.21		
1.4	1	0	256-QAM	18.31	18.27	18.34	26.09	0.4064
1.4	1	3		18.30	18.33	18.27		
1.4	1	5		18.23	18.14	18.14		
1.4	3	0		18.25	18.26	18.34		
1.4	3	1		18.19	18.19	18.23		
1.4	3	3		18.18	18.28	18.09		
1.4	6	0		18.10	18.00	18.04		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.10	-	30.89	1.2274
15	1	37		-	23.14	-		
15	1	74		-	22.87	-		
15	36	0		-	22.39	-		
15	36	20		-	22.40	-		
15	36	39		-	22.38	-		
15	75	0		-	22.28	-		
15	1	0	16-QAM	-	22.62	-	30.37	1.0889
15	1	37		-	22.53	-		
15	1	74		-	22.38	-		
15	36	0		-	21.38	-		
15	36	20		-	21.27	-		
15	36	39		-	21.33	-		
15	75	0		-	21.21	-		
15	1	0	64-QAM	-	21.44	-	29.20	0.8318
15	1	37		-	21.45	-		
15	1	74		-	21.32	-		
15	36	0		-	20.39	-		
15	36	20		-	20.31	-		
15	36	39		-	20.37	-		
15	75	0		-	20.25	-		
15	1	0	256-QAM	-	18.24	-	26.15	0.4121
15	1	37		-	18.32	-		
15	1	74		-	18.40	-		
15	36	0		-	18.39	-		
15	36	20		-	18.31	-		
15	36	39		-	18.29	-		
15	75	0		-	18.09	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.25	-	31.00	1.2589
10	1	25		-	23.20	-		
10	1	49		-	22.94	-		
10	25	0		-	22.39	-		
10	25	12		-	22.26	-		
10	25	25		-	22.26	-		
10	50	0		-	22.17	-		
10	1	0	16-QAM	-	22.33	-	30.21	1.0495
10	1	25		-	22.46	-		
10	1	49		-	22.16	-		
10	25	0		-	21.23	-		
10	25	12		-	21.30	-		
10	25	25		-	21.28	-		
10	50	0		-	21.01	-		
10	1	0	64-QAM	-	21.25	-	29.00	0.7943
10	1	25		-	21.23	-		
10	1	49		-	21.20	-		
10	25	0		-	20.21	-		
10	25	12		-	20.30	-		
10	25	25		-	20.07	-		
10	50	0		-	20.19	-		
10	1	0	256-QAM	-	18.40	-	26.15	0.4121
10	1	25		-	18.22	-		
10	1	49		-	18.12	-		
10	25	0		-	18.24	-		
10	25	12		-	18.27	-		
10	25	25		-	18.12	-		
10	50	0		-	18.15	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.04	-	30.85	1.2162
5	1	12		-	23.10	-		
5	1	24		-	22.89	-		
5	12	0		-	22.27	-		
5	12	7		-	22.30	-		
5	12	13		-	22.18	-		
5	25	0		-	22.20	-		
5	1	0	16-QAM	-	22.41	-	30.25	1.0593
5	1	12		-	22.50	-		
5	1	24		-	22.15	-		
5	12	0		-	21.28	-		
5	12	7		-	21.18	-		
5	12	13		-	21.23	-		
5	25	0		-	21.21	-		
5	1	0	64-QAM	-	21.35	-	29.12	0.8166
5	1	12		-	21.37	-		
5	1	24		-	21.18	-		
5	12	0		-	20.31	-		
5	12	7		-	20.35	-		
5	12	13		-	20.22	-		
5	25	0		-	20.17	-		
5	1	0	256-QAM	-	18.37	-	26.12	0.4093
5	1	12		-	18.01	-		
5	1	24		-	18.14	-		
5	12	0		-	18.22	-		
5	12	7		-	18.17	-		
5	12	13		-	18.05	-		
5	25	0		-	17.93	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.06	-	30.81	1.2050
3	1	8		-	22.98	-		
3	1	14		-	22.74	-		
3	8	0		-	22.07	-		
3	8	4		-	22.25	-		
3	8	7		-	22.30	-		
3	15	0		-	22.19	-		
3	1	0	16-QAM	-	22.40	-	30.15	1.0351
3	1	8		-	22.38	-		
3	1	14		-	22.22	-		
3	8	0		-	21.17	-		
3	8	4		-	21.18	-		
3	8	7		-	21.03	-		
3	15	0		-	20.96	-		
3	1	0	64-QAM	-	21.29	-	29.04	0.8017
3	1	8		-	21.17	-		
3	1	14		-	21.13	-		
3	8	0		-	20.35	-		
3	8	4		-	20.21	-		
3	8	7		-	20.13	-		
3	15	0		-	20.13	-		
3	1	0	256-QAM	-	18.20	-	26.13	0.4102
3	1	8		-	18.28	-		
3	1	14		-	18.38	-		
3	8	0		-	18.33	-		
3	8	4		-	18.15	-		
3	8	7		-	18.26	-		
3	15	0		-	18.25	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG492402A

Part90S LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.08	-	30.90	1.2303
1.4	1	3		-	23.07	-		
1.4	1	5		-	22.88	-		
1.4	3	0		-	22.94	-		
1.4	3	1		-	23.15	-		
1.4	3	3		-	22.86	-		
1.4	6	0		-	22.34	-		
1.4	1	0	16-QAM	-	22.29	-	30.07	1.0162
1.4	1	3		-	22.24	-		
1.4	1	5		-	22.21	-		
1.4	3	0		-	22.29	-		
1.4	3	1		-	22.32	-		
1.4	3	3		-	22.20	-		
1.4	6	0		-	21.27	-		
1.4	1	0	64-QAM	-	21.24	-	29.10	0.8128
1.4	1	3		-	21.19	-		
1.4	1	5		-	21.24	-		
1.4	3	0		-	21.24	-		
1.4	3	1		-	21.35	-		
1.4	3	3		-	21.02	-		
1.4	6	0		-	20.17	-		
1.4	1	0	256-QAM	-	18.28	-	26.08	0.4055
1.4	1	3		-	18.33	-		
1.4	1	5		-	18.20	-		
1.4	3	0		-	18.29	-		
1.4	3	1		-	18.14	-		
1.4	3	3		-	18.23	-		
1.4	6	0		-	18.13	-		
Limit	Reporting Only			Result			Pass	



Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.35	22.44	22.32	22.94	0.1968
20	1	49		22.28	22.39	22.19		
20	1	99		22.30	22.33	22.15		
20	50	0		21.37	21.40	21.24		
20	50	24		21.36	21.44	21.24		
20	50	50		21.28	21.38	21.12		
20	100	0		21.33	21.40	21.24		
20	1	0	16-QAM	21.28	21.37	21.20	21.9	0.1549
20	1	49		21.34	21.38	21.21		
20	1	99		21.40	21.30	21.17		
20	50	0		20.32	20.42	20.27		
20	50	24		20.40	20.41	20.29		
20	50	50		20.29	20.36	20.17		
20	100	0		20.36	20.41	20.24		
20	1	0	64-QAM	20.15	20.27	20.05	20.85	0.1216
20	1	49		20.33	20.31	20.18		
20	1	99		20.35	20.25	20.16		
20	50	0		19.35	19.40	19.28		
20	50	24		19.41	19.43	19.30		
20	50	50		19.27	19.33	19.12		
20	100	0		19.33	19.39	19.20		
20	1	0	256-QAM	17.18	17.25	17.15	17.94	0.0622
20	1	49		17.33	17.33	17.14		
20	1	99		17.17	17.12	16.97		
20	50	0		17.32	17.40	17.25		
20	50	24		17.35	17.44	17.26		
20	50	50		17.27	17.39	17.10		
20	100	0		17.32	17.33	17.23		
Limit	EIRP < 1W			Result			Pass	



Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.05	22.27	22.16	22.78	0.1897
15	1	37		22.28	22.16	22.06		
15	1	74		22.20	22.07	21.92		
15	36	0		21.35	21.35	21.21		
15	36	20		21.29	21.33	21.20		
15	36	39		21.26	21.12	21.02		
15	75	0		21.21	21.36	21.13		
15	1	0	16-QAM	21.04	21.16	21.15	21.87	0.1538
15	1	37		21.21	21.32	21.09		
15	1	74		21.37	21.26	21.01		
15	36	0		20.09	20.16	20.24		
15	36	20		20.26	20.28	20.26		
15	36	39		20.19	20.34	20.09		
15	75	0		20.30	20.30	20.12		
15	1	0	64-QAM	20.11	20.10	19.81	20.7	0.1175
15	1	37		20.19	20.20	20.03		
15	1	74		20.13	20.04	20.04		
15	36	0		19.25	19.34	19.21		
15	36	20		19.27	19.14	19.28		
15	36	39		19.15	19.15	18.90		
15	75	0		19.33	19.18	19.16		
15	1	0	256-QAM	17.14	17.09	17.08	17.91	0.0618
15	1	37		17.17	17.33	16.87		
15	1	74		16.88	17.02	16.97		
15	36	0		17.28	17.28	17.05		
15	36	20		17.14	17.41	17.08		
15	36	39		17.19	17.26	17.00		
15	75	0		17.19	17.12	17.02		
Limit	EIRP < 1W			Result			Pass	



Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.24	22.20	22.27	22.77	0.1892
10	1	25		22.00	22.24	22.08		
10	1	49		22.00	22.05	22.04		
10	25	0		21.25	21.28	20.98		
10	25	12		21.30	21.33	21.19		
10	25	25		21.18	21.17	20.96		
10	50	0		21.21	21.13	21.10		
10	1	0	16-QAM	21.01	21.23	21.01	21.8	0.1514
10	1	25		21.17	21.16	21.19		
10	1	49		21.30	21.28	20.99		
10	25	0		20.18	20.15	20.19		
10	25	12		20.23	20.28	20.09		
10	25	25		20.15	20.23	20.01		
10	50	0		20.25	20.11	20.05		
10	1	0	64-QAM	20.07	19.97	19.77	20.74	0.1186
10	1	25		20.24	20.19	20.00		
10	1	49		20.15	20.07	20.03		
10	25	0		19.19	19.18	19.27		
10	25	12		19.37	19.15	19.18		
10	25	25		19.18	19.18	18.96		
10	50	0		19.20	19.26	18.99		
10	1	0	256-QAM	17.04	17.23	16.93	17.8	0.0603
10	1	25		17.27	17.03	16.84		
10	1	49		17.08	16.87	16.92		
10	25	0		17.23	17.27	17.14		
10	25	12		17.25	17.20	17.04		
10	25	25		17.03	17.30	16.85		
10	50	0		17.18	17.07	17.12		
Limit	EIRP < 1W			Result			Pass	



Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.20	22.26	22.11	22.76	0.1888
5	1	12		22.23	22.24	22.10		
5	1	24		22.22	22.18	21.92		
5	12	0		21.07	21.30	21.19		
5	12	7		21.33	21.25	21.17		
5	12	13		21.11	21.32	21.09		
5	25	0		21.27	21.38	21.19		
5	1	0	16-QAM	21.12	21.30	21.02	21.81	0.1517
5	1	12		21.27	21.31	21.14		
5	1	24		21.15	21.10	20.99		
5	12	0		20.29	20.35	19.97		
5	12	7		20.22	20.38	20.26		
5	12	13		19.99	20.33	20.03		
5	25	0		20.15	20.15	20.07		
5	1	0	64-QAM	20.06	20.06	20.02	20.74	0.1186
5	1	12		20.24	20.24	20.07		
5	1	24		20.15	20.22	19.87		
5	12	0		19.07	19.20	19.00		
5	12	7		19.36	19.42	19.30		
5	12	13		19.20	19.29	18.88		
5	25	0		19.11	19.13	19.08		
5	1	0	256-QAM	16.95	16.96	17.02	17.82	0.0605
5	1	12		17.11	17.32	16.91		
5	1	24		16.96	16.92	16.90		
5	12	0		17.28	17.22	17.14		
5	12	7		17.25	17.30	17.11		
5	12	13		17.22	17.27	16.88		
5	25	0		17.12	17.12	17.13		
Limit	EIRP < 1W			Result			Pass	



Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.36	22.37	22.12	22.87	0.1936
20	1	49		22.25	22.27	22.02		
20	1	99		22.24	22.29	21.91		
20	50	0		21.29	21.32	21.05		
20	50	24		21.35	21.33	21.07		
20	50	50		21.34	21.19	21.00		
20	100	0		21.31	21.22	21.02		
20	1	0	16-QAM	21.30	21.30	21.08	21.83	0.1524
20	1	49		21.33	21.27	21.07		
20	1	99		21.32	21.25	20.97		
20	50	0		20.33	20.34	20.09		
20	50	24		20.34	20.32	20.08		
20	50	50		20.31	20.18	20.03		
20	100	0		20.27	20.23	20.05		
20	1	0	64-QAM	20.13	20.27	19.96	20.77	0.1194
20	1	49		20.11	20.26	19.95		
20	1	99		20.18	20.17	19.83		
20	50	0		19.30	19.32	19.08		
20	50	24		19.36	19.34	19.07		
20	50	50		19.33	19.22	19.02		
20	100	0		19.30	19.19	19.01		
20	1	0	256-QAM	17.16	17.24	16.93	17.85	0.0610
20	1	49		17.25	17.24	17.00		
20	1	99		17.07	17.05	16.88		
20	50	0		17.29	17.35	17.04		
20	50	24		17.31	17.35	17.06		
20	50	50		17.27	17.22	17.04		
20	100	0		17.27	17.24	17.04		
Limit	EIRP < 1W			Result			Pass	



Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.27	22.15	21.89	22.77	0.1892
15	1	37		22.00	22.00	21.83		
15	1	74		22.01	22.11	21.71		
15	36	0		21.18	21.12	21.02		
15	36	20		21.34	21.27	20.77		
15	36	39		21.24	20.99	21.00		
15	75	0		21.09	21.04	20.75		
15	1	0	16-QAM	21.18	21.01	20.87	21.70	0.1479
15	1	37		21.14	21.20	20.93		
15	1	74		21.18	21.04	20.74		
15	36	0		20.20	20.26	19.79		
15	36	20		20.17	20.26	19.94		
15	36	39		20.13	20.02	19.75		
15	75	0		20.11	20.17	20.02		
15	1	0	64-QAM	20.10	20.22	19.89	20.72	0.1180
15	1	37		20.09	20.21	19.91		
15	1	74		19.91	19.88	19.57		
15	36	0		19.18	19.20	18.88		
15	36	20		19.30	19.21	18.87		
15	36	39		19.04	18.97	18.96		
15	75	0		19.13	18.89	18.92		
15	1	0	256-QAM	16.90	16.96	16.92	17.81	0.0604
15	1	37		17.24	17.03	16.78		
15	1	74		16.99	16.80	16.58		
15	36	0		17.21	17.06	16.78		
15	36	20		17.08	17.31	16.90		
15	36	39		17.02	17.02	16.92		
15	75	0		17.11	17.16	16.95		
Limit	EIRP < 1W			Result			Pass	



Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.30	22.10	22.01	22.80	0.1905
10	1	25		22.13	22.08	21.88		
10	1	49		22.20	22.29	21.62		
10	25	0		21.23	21.25	20.96		
10	25	12		21.13	21.05	21.01		
10	25	25		21.31	20.98	20.74		
10	50	0		21.12	21.05	20.78		
10	1	0	16-QAM	21.09	21.17	20.90	21.77	0.1503
10	1	25		21.27	21.04	20.77		
10	1	49		21.08	21.01	20.74		
10	25	0		20.12	20.10	19.89		
10	25	12		20.04	20.04	19.99		
10	25	25		20.08	20.04	19.90		
10	50	0		20.03	19.95	20.03		
10	1	0	64-QAM	19.97	20.13	19.68	20.63	0.1156
10	1	25		19.81	20.13	19.80		
10	1	49		20.04	20.07	19.58		
10	25	0		19.04	19.27	18.94		
10	25	12		19.26	19.32	18.99		
10	25	25		19.10	19.06	18.81		
10	50	0		19.27	19.17	18.78		
10	1	0	256-QAM	16.97	16.94	16.83	17.77	0.0598
10	1	25		16.96	17.06	16.74		
10	1	49		16.82	16.80	16.65		
10	25	0		17.04	17.27	17.01		
10	25	12		17.23	17.09	17.01		
10	25	25		17.04	17.13	16.88		
10	50	0		17.15	16.99	16.96		
Limit	EIRP < 1W			Result			Pass	



Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.33	22.34	22.03	22.84	0.1923
5	1	12		22.19	22.07	21.88		
5	1	24		22.20	22.02	21.69		
5	12	0		21.07	21.27	20.93		
5	12	7		21.17	21.10	20.90		
5	12	13		21.19	21.14	20.92		
5	25	0		21.11	20.92	20.75		
5	1	0	16-QAM	21.29	21.01	21.06	21.79	0.1510
5	1	12		21.18	21.06	20.93		
5	1	24		21.16	21.15	20.83		
5	12	0		20.14	20.23	19.91		
5	12	7		20.08	20.26	19.81		
5	12	13		20.02	20.03	19.88		
5	25	0		20.22	20.20	19.91		
5	1	0	64-QAM	20.08	19.97	19.93	20.65	0.1161
5	1	12		20.02	20.10	19.65		
5	1	24		19.98	20.15	19.58		
5	12	0		19.26	19.14	18.98		
5	12	7		19.10	19.16	18.90		
5	12	13		19.11	19.07	18.99		
5	25	0		19.21	19.04	18.95		
5	1	0	256-QAM	17.11	17.10	16.70	17.77	0.0598
5	1	12		17.17	16.98	16.74		
5	1	24		17.00	16.78	16.70		
5	12	0		17.06	17.27	16.90		
5	12	7		17.09	17.24	16.85		
5	12	13		17.20	17.04	16.93		
5	25	0		16.99	17.22	17.00		
Limit	EIRP < 1W			Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 7.5 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	22.18	22.24	22.31	31.40	1.3804
20+20	1	0	1	99		15.41	15.51	15.52		
20+20	1	99	1	0		23.76	23.90	23.88		
20+20	100	0	100	0	16-QAM	21.21	21.22	21.30	30.89	1.2274
20+20	1	0	1	99		15.70	15.97	15.96		
20+20	1	99	1	0		23.24	23.28	23.39		
20+20	100	0	100	0	64-QAM	21.15	21.17	21.28	29.03	0.7998
20+20	1	0	1	99		15.70	15.72	15.87		
20+20	1	99	1	0		21.27	21.53	21.50		
20+20	100	0	100	0	256-QAM	19.13	19.14	19.18	26.88	0.4875
20+20	1	0	1	99		15.68	15.55	15.60		
20+20	1	99	1	0		19.38	19.33	19.37		
20+15	100	0	75	0	QPSK	22.07	22.16	22.20	31.32	1.3552
20+15	1	0	1	74		15.52	15.55	15.61		
20+15	1	99	1	0		23.76	23.82	23.77		
20+15	100	0	75	0	16-QAM	21.08	21.17	21.24	31.09	1.2853
20+15	1	0	1	74		15.74	15.70	15.86		
20+15	1	99	1	0		23.44	23.59	23.31		
20+15	100	0	75	0	64-QAM	21.11	21.15	21.21	29.12	0.8166
20+15	1	0	1	74		15.72	15.74	15.97		
20+15	1	99	1	0		21.38	21.62	21.29		
20+15	100	0	75	0	256-QAM	19.10	19.16	19.15	27.01	0.5023
20+15	1	0	1	74		15.52	15.67	15.84		
20+15	1	99	1	0		19.30	19.51	19.18		
15+20	75	0	100	0	QPSK	22.15	22.06	22.21	31.31	1.3521
15+20	1	0	1	99		15.39	15.46	15.63		
15+20	1	74	1	0		23.60	23.81	23.73		
15+20	75	0	100	0	16-QAM	21.10	21.09	21.23	30.87	1.2218
15+20	1	0	1	99		15.74	15.74	15.92		
15+20	1	74	1	0		23.22	23.31	23.37		
15+20	75	0	100	0	64-QAM	21.06	21.15	21.25	28.89	0.7745
15+20	1	0	1	99		15.76	15.67	15.77		
15+20	1	74	1	0		21.31	21.37	21.39		
15+20	75	0	100	0	256-QAM	19.03	19.15	19.21	26.81	0.4797
15+20	1	0	1	99		15.58	15.66	15.92		
15+20	1	74	1	0		19.12	19.31	19.24		
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 7.5 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	22.08	22.10	22.18	31.41	1.3836
20+10	1	0	1	49		15.50	15.52	15.67		
20+10	1	99	1	0		23.83	23.88	23.91		
20+10	100	0	50	0	16-QAM	21.15	21.16	21.23	30.92	1.2359
20+10	1	0	1	49		15.86	15.95	15.99		
20+10	1	99	1	0		23.37	23.42	23.23		
20+10	100	0	50	0	64-QAM	21.12	21.16	21.20	28.99	0.7925
20+10	1	0	1	49		15.76	15.76	15.87		
20+10	1	99	1	0		21.29	21.44	21.49		
20+10	100	0	50	0	256-QAM	19.10	19.16	19.10	26.98	0.4989
20+10	1	0	1	49		15.77	15.89	15.87		
20+10	1	99	1	0		19.21	19.48	19.26		
10+20	50	0	100	0	QPSK	22.04	22.12	22.15	31.31	1.3521
10+20	1	0	1	99		15.55	15.60	15.77		
10+20	1	49	1	0		23.62	23.73	23.81		
10+20	50	0	100	0	16-QAM	21.12	21.21	21.19	30.87	1.2218
10+20	1	0	1	99		15.80	15.92	15.85		
10+20	1	49	1	0		23.25	23.32	23.37		
10+20	50	0	100	0	64-QAM	21.06	21.13	21.20	28.98	0.7907
10+20	1	0	1	99		15.74	15.88	15.95		
10+20	1	49	1	0		21.24	21.48	21.44		
10+20	50	0	100	0	256-QAM	19.02	19.15	19.24	26.92	0.4920
10+20	1	0	1	99		15.80	15.81	15.90		
10+20	1	49	1	0		19.00	19.30	19.42		
20+5	100	0	25	0	QPSK	22.06	22.17	22.17	31.42	1.3868
20+5	1	0	1	24		15.54	15.63	15.64		
20+5	1	99	1	0		23.83	23.92	23.88		
20+5	100	0	25	0	16-QAM	21.08	21.24	21.17	31.02	1.2647
20+5	1	0	1	24		15.93	15.87	15.94		
20+5	1	99	1	0		23.35	23.52	23.49		
20+5	100	0	25	0	64-QAM	21.05	21.16	21.15	28.90	0.7762
20+5	1	0	1	24		15.75	15.84	15.88		
20+5	1	99	1	0		21.38	21.40	21.29		
20+5	100	0	25	0	256-QAM	19.05	19.15	19.06	26.87	0.4864
20+5	1	0	1	24		15.70	15.74	15.88		
20+5	1	99	1	0		19.16	19.23	19.37		
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 7.5 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	22.08	22.11	22.23	31.35	1.3646
5+20	1	0	1	99		15.56	15.65	15.74		
5+20	1	24	1	0		23.66	23.85	23.85		
5+20	25	0	100	0	16-QAM	21.15	21.08	21.19	31.01	1.2618
5+20	1	0	1	99		15.89	15.98	16.08		
5+20	1	24	1	0		23.29	23.21	23.51		
5+20	25	0	100	0	64-QAM	21.08	21.15	21.25	28.93	0.7816
5+20	1	0	1	99		15.70	15.82	15.93		
5+20	1	24	1	0		21.43	21.14	21.41		
5+20	25	0	100	0	256-QAM	19.05	19.10	19.17	26.98	0.4989
5+20	1	0	1	99		15.64	15.80	15.84		
5+20	1	24	1	0		19.34	19.26	19.48		
Limit	EIRP < 2W					Result			Pass	

LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = 7.5 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	22.23	22.30	22.29	31.45	1.3964
15+10	1	0	1	49		15.56	15.72	15.86		
15+10	1	74	1	0		23.81	23.95	23.83		
15+10	75	0	50	0	16-QAM	21.24	21.32	21.34	31.02	1.2647
15+10	1	0	1	49		15.99	15.91	16.15		
15+10	1	74	1	0		23.52	23.49	23.47		
15+10	75	0	50	0	64-QAM	21.16	21.32	21.24	29.14	0.8204
15+10	1	0	1	49		15.76	16.01	15.94		
15+10	1	74	1	0		21.23	21.64	21.40		
15+10	75	0	50	0	256-QAM	19.21	19.32	19.26	27.06	0.5082
15+10	1	0	1	49		15.71	16.00	15.80		
15+10	1	74	1	0		19.50	19.56	19.41		
10+15	50	0	75	0	QPSK	22.08	22.23	22.36	31.49	1.4093
10+15	1	0	1	74		15.66	15.70	15.79		
10+15	1	49	1	0		23.68	23.88	23.99		
10+15	50	0	75	0	16-QAM	21.08	21.28	21.31	30.97	1.2503
10+15	1	0	1	74		15.88	16.05	16.08		
10+15	1	49	1	0		23.34	23.47	23.37		
10+15	50	0	75	0	64-QAM	21.07	21.26	21.28	29.03	0.7998
10+15	1	0	1	74		15.91	15.90	16.04		
10+15	1	49	1	0		21.28	21.53	21.41		
10+15	50	0	75	0	256-QAM	19.11	19.18	19.32	27.04	0.5058
10+15	1	0	1	74		15.67	16.00	15.99		
10+15	1	49	1	0		19.15	19.42	19.54		
15+15	75	0	75	0	QPSK	22.00	22.12	22.14	31.18	1.3122
15+15	1	0	1	74		15.38	15.47	15.60		
15+15	1	74	1	0		23.55	23.68	23.67		
15+15	75	0	75	0	16-QAM	20.96	21.14	21.09	30.87	1.2218
15+15	1	0	1	74		15.74	15.84	16.00		
15+15	1	74	1	0		23.24	23.37	23.29		
15+15	75	0	75	0	64-QAM	21.02	21.11	21.12	28.92	0.7798
15+15	1	0	1	74		15.68	15.87	15.76		
15+15	1	74	1	0		21.05	21.42	21.31		
15+15	75	0	75	0	256-QAM	18.94	19.08	19.13	26.97	0.4977
15+15	1	0	1	74		15.58	15.61	15.80		
15+15	1	74	1	0		19.04	19.47	19.26		
Limit	EIRP < 2W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 9.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.59	21.62	21.59	31.01	1.2618
10+10	1	0	1	49		13.06	13.05	13.02		
10+10	1	49	1	0		23.18	23.21	23.26		
10+10	50	0	50	0	16-QAM	20.63	20.65	20.62	30.49	1.1194
10+10	1	0	1	49		13.48	13.45	13.38		
10+10	1	49	1	0		22.60	22.74	22.66		
10+10	50	0	50	0	64-QAM	20.63	20.67	20.67	28.63	0.7295
10+10	1	0	1	49		13.32	13.30	13.33		
10+10	1	49	1	0		20.73	20.88	20.71		
10+10	50	0	50	0	256-QAM	18.62	18.66	18.65	26.57	0.4539
10+10	1	0	1	49		13.25	13.32	13.40		
10+10	1	49	1	0		18.70	18.68	18.82		
10+5	50	0	25	0	QPSK	21.61	21.65	21.67	31.04	1.2706
10+5	1	0	1	24		13.61	13.61	13.64		
10+5	1	49	1	0		23.15	23.22	23.29		
10+5	50	0	25	0	16-QAM	20.60	20.68	20.75	30.57	1.1402
10+5	1	0	1	24		13.84	14.03	13.93		
10+5	1	49	1	0		22.73	22.80	22.82		
10+5	50	0	25	0	64-QAM	20.66	20.66	20.68	28.63	0.7295
10+5	1	0	1	24		13.91	13.85	13.85		
10+5	1	49	1	0		20.77	20.82	20.88		
10+5	50	0	25	0	256-QAM	18.61	18.62	18.71	26.57	0.4539
10+5	1	0	1	24		13.77	13.86	13.88		
10+5	1	49	1	0		18.60	18.73	18.82		
5+10	25	0	50	0	QPSK	21.62	21.62	21.64	31.09	1.2853
5+10	1	0	1	49		13.62	13.65	13.61		
5+10	1	24	1	0		23.26	23.24	23.34		
5+10	25	0	50	0	16-QAM	20.68	20.64	20.63	30.54	1.1324
5+10	1	0	1	49		14.03	13.95	14.01		
5+10	1	24	1	0		22.70	22.70	22.79		
5+10	25	0	50	0	64-QAM	20.70	20.70	20.69	28.59	0.7228
5+10	1	0	1	49		13.93	13.76	13.86		
5+10	1	24	1	0		20.84	20.83	20.84		
5+10	25	0	50	0	256-QAM	18.63	18.64	18.65	26.55	0.4519
5+10	1	0	1	49		13.86	13.81	13.85		
5+10	1	24	1	0		18.80	18.67	18.75		
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 9.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.59	23.70	23.77	31.52	1.4191
5+3	1	0	1	14		13.63	13.64	13.76		
5+3	1	24	1	0		23.51	23.52	23.62		
5+3	25	0	15	0	16-QAM	23.69	23.65	23.78	31.67	1.4689
5+3	1	0	1	14		13.96	14.07	14.05		
5+3	1	24	1	0		23.85	23.82	23.92		
5+3	25	0	15	0	64-QAM	23.68	23.73	23.85	31.6	1.4454
5+3	1	0	1	14		13.82	13.86	14.00		
5+3	1	24	1	0		23.78	23.78	23.65		
5+3	25	0	15	0	256-QAM	23.70	23.39	23.54	31.45	1.3964
5+3	1	0	1	14		13.87	13.79	13.91		
5+3	1	24	1	0		23.07	23.48	22.69		
3+5	15	0	25	0	QPSK	23.67	23.68	23.82	31.57	1.4355
3+5	1	0	1	24		13.61	13.59	13.71		
3+5	1	14	1	0		23.52	23.48	23.81		
3+5	15	0	25	0	16-QAM	23.80	23.74	23.89	31.75	1.4962
3+5	1	0	1	24		13.89	13.94	14.10		
3+5	1	14	1	0		23.85	24.00	23.93		
3+5	15	0	25	0	64-QAM	23.77	23.72	23.91	31.69	1.4757
3+5	1	0	1	24		13.88	13.75	13.99		
3+5	1	14	1	0		23.83	23.94	23.78		
3+5	15	0	25	0	256-QAM	23.76	23.43	23.76	31.74	1.4928
3+5	1	0	1	24		13.82	13.78	13.92		
3+5	1	14	1	0		23.99	23.41	23.94		
Limit	ERP < 7W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8.5 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	21.72	21.90	21.99	32.18	1.6520
20+20	1	0	1	99		15.02	15.22	15.36		
20+20	1	99	1	0		23.40	23.51	23.68		
20+20	100	0	100	0	16-QAM	20.71	20.80	21.06	31.71	1.4825
20+20	1	0	1	99		15.24	15.57	15.63		
20+20	1	99	1	0		22.65	23.07	23.21		
20+20	100	0	100	0	64-QAM	20.80	20.85	21.04	29.70	0.9333
20+20	1	0	1	99		15.38	15.50	15.71		
20+20	1	99	1	0		21.02	20.87	21.20		
20+20	100	0	100	0	256-QAM	18.73	18.97	18.99	27.73	0.5929
20+20	1	0	1	99		15.26	15.53	15.63		
20+20	1	99	1	0		19.00	18.98	19.23		
20+15	100	0	75	0	QPSK	21.70	21.92	22.00	32.12	1.6293
20+15	1	0	1	74		15.32	15.32	15.52		
20+15	1	99	1	0		23.23	23.44	23.62		
20+15	100	0	75	0	16-QAM	20.78	20.88	21.04	31.84	1.5276
20+15	1	0	1	74		15.42	15.47	15.78		
20+15	1	99	1	0		22.83	23.22	23.34		
20+15	100	0	75	0	64-QAM	20.78	20.90	21.07	29.83	0.9616
20+15	1	0	1	74		15.49	15.56	15.91		
20+15	1	99	1	0		20.82	21.03	21.33		
20+15	100	0	75	0	256-QAM	18.73	18.95	19.07	27.72	0.5916
20+15	1	0	1	74		15.34	15.50	15.59		
20+15	1	99	1	0		18.91	19.02	19.22		
15+20	75	0	100	0	QPSK	21.72	21.90	22.00	32.09	1.6181
15+20	1	0	1	99		15.05	15.22	15.46		
15+20	1	74	1	0		23.23	23.47	23.59		
15+20	75	0	100	0	16-QAM	20.71	20.94	21.08	31.72	1.4859
15+20	1	0	1	99		15.37	15.70	15.91		
15+20	1	74	1	0		22.95	22.91	23.22		
15+20	75	0	100	0	64-QAM	20.65	20.85	20.97	29.68	0.9290
15+20	1	0	1	99		15.41	15.59	15.68		
15+20	1	74	1	0		20.86	21.02	21.18		
15+20	75	0	100	0	256-QAM	18.70	18.89	19.07	27.68	0.5861
15+20	1	0	1	99		15.05	15.42	15.67		
15+20	1	74	1	0		18.99	19.06	19.18		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8.5 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	21.69	21.87	22.01	32.21	1.6634
20+10	1	0	1	49		15.21	15.27	15.53		
20+10	1	99	1	0		23.36	23.55	23.71		
20+10	100	0	50	0	16-QAM	20.79	20.86	21.10	31.66	1.4655
20+10	1	0	1	49		15.34	15.76	15.81		
20+10	1	99	1	0		22.93	23.09	23.16		
20+10	100	0	50	0	64-QAM	20.67	20.89	21.08	29.82	0.9594
20+10	1	0	1	49		15.47	15.31	15.89		
20+10	1	99	1	0		21.03	21.08	21.32		
20+10	100	0	50	0	256-QAM	18.78	19.00	19.09	27.90	0.6166
20+10	1	0	1	49		15.22	15.53	15.70		
20+10	1	99	1	0		18.89	19.10	19.40		
10+20	50	0	100	0	QPSK	21.62	21.81	22.04	32.12	1.6293
10+20	1	0	1	99		15.10	15.35	15.53		
10+20	1	49	1	0		23.29	23.41	23.62		
10+20	50	0	100	0	16-QAM	20.62	20.88	21.06	31.75	1.4962
10+20	1	0	1	99		15.52	15.58	15.80		
10+20	1	49	1	0		22.86	23.02	23.25		
10+20	50	0	100	0	64-QAM	20.61	20.87	21.17	29.77	0.9484
10+20	1	0	1	99		15.18	15.59	15.64		
10+20	1	49	1	0		20.82	21.12	21.27		
10+20	50	0	100	0	256-QAM	18.67	18.90	19.06	27.68	0.5861
10+20	1	0	1	99		15.36	15.35	15.84		
10+20	1	49	1	0		18.82	19.02	19.18		
15+15	75	0	75	0	QPSK	21.66	21.83	22.00	32.11	1.6255
15+15	1	0	1	74		15.16	15.24	15.52		
15+15	1	74	1	0		23.17	23.38	23.61		
15+15	75	0	75	0	16-QAM	20.65	20.85	21.06	31.68	1.4723
15+15	1	0	1	74		15.36	15.64	15.79		
15+15	1	74	1	0		22.85	23.01	23.18		
15+15	75	0	75	0	64-QAM	20.71	20.84	21.12	29.63	0.9183
15+15	1	0	1	74		15.67	15.46	15.74		
15+15	1	74	1	0		20.95	21.05	21.13		
15+15	75	0	75	0	256-QAM	18.75	18.99	19.09	27.70	0.5888
15+15	1	0	1	74		15.29	15.46	15.82		
15+15	1	74	1	0		18.91	19.01	19.20		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 8.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.74	21.93	22.07	32.18	1.6520
15+10	1	0	1	49		15.11	15.32	15.54		
15+10	1	74	1	0		23.27	23.42	23.68		
15+10	75	0	50	0	16-QAM	20.72	20.93	21.15	31.77	1.5031
15+10	1	0	1	49		15.26	15.72	15.78		
15+10	1	74	1	0		22.83	23.14	23.27		
15+10	75	0	50	0	64-QAM	20.68	20.95	21.15	29.93	0.9840
15+10	1	0	1	49		15.31	15.56	15.90		
15+10	1	74	1	0		20.96	21.02	21.43		
15+10	75	0	50	0	256-QAM	18.77	19.05	19.19	27.85	0.6095
15+10	1	0	1	49		15.40	15.53	15.66		
15+10	1	74	1	0		18.90	19.07	19.35		
Limit	EIRP < 2W					Result			Pass	

LTE Band 12B_CA Maximum Average Power [dBm] (GT - LC = 9.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+5	25	0	25	0	QPSK	22.13	22.17	22.15	31.41	1.3836
5+5	1	0	1	24		14.02	14.05	14.05		
5+5	1	24	1	0		23.96	23.84	23.77		
5+5	25	0	25	0	16-QAM	21.20	21.25	21.22	30.73	1.1830
5+5	1	0	1	24		14.52	14.50	14.44		
5+5	1	24	1	0		23.28	23.21	23.24		
5+5	25	0	25	0	64-QAM	21.17	21.22	21.21	28.82	0.7621
5+5	1	0	1	24		14.21	14.33	14.35		
5+5	1	24	1	0		21.23	21.37	21.33		
5+5	25	0	25	0	256-QAM	19.20	19.20	19.23	28.36	0.6855
5+5	1	0	1	24		14.29	14.24	14.25		
5+5	1	24	1	0		19.18	20.91	19.19		
5+10	25	0	50	0	QPSK	22.18	22.12	22.17	31.26	1.3366
5+10	1	0	1	49		14.03	14.04	14.03		
5+10	1	24	1	0		23.78	23.75	23.81		
5+10	25	0	50	0	16-QAM	21.20	21.16	21.19	30.87	1.2218
5+10	1	0	1	49		14.36	14.36	14.30		
5+10	1	24	1	0		23.22	23.34	23.42		
5+10	25	0	50	0	64-QAM	21.15	21.19	21.18	28.87	0.7709
5+10	1	0	1	49		14.25	14.28	14.40		
5+10	1	24	1	0		21.26	21.42	21.33		
5+10	25	0	50	0	256-QAM	19.22	19.16	19.12	28.3	0.6761
5+10	1	0	1	49		14.32	14.25	14.24		
5+10	1	24	1	0		19.25	20.85	19.27		
Limit	ERP < 3W					Result			Pass	

LTE Band 38C-PC3_CA Maximum Average Power [dBm] (GT - LC = 8.5 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	21.64	21.50	21.52	31.30	1.3490
20+20	1	0	1	99		15.16	15.23	15.16		
20+20	1	99	1	0		22.80	22.74	22.77		
20+20	100	0	100	0	16-QAM	20.67	20.71	20.68	30.93	1.2388
20+20	1	0	1	99		15.11	15.15	15.07		
20+20	1	99	1	0		22.43	22.38	22.37		
20+20	100	0	100	0	64-QAM	20.71	20.69	20.68	29.21	0.8337
20+20	1	0	1	99		15.22	15.13	15.19		
20+20	1	99	1	0		20.66	20.69	20.62		
20+20	100	0	100	0	256-QAM	18.69	18.74	18.71	27.24	0.5297
20+20	1	0	1	99		15.09	14.98	15.11		
20+20	1	99	1	0		18.46	18.46	18.66		
15+15	75	0	75	0	QPSK	21.56	21.56	21.57	31.39	1.3772
15+15	1	0	1	74		15.07	15.04	15.12		
15+15	1	74	1	0		22.89	22.88	22.89		
15+15	75	0	75	0	16-QAM	20.58	20.61	20.59	30.82	1.2078
15+15	1	0	1	74		15.03	15.01	15.04		
15+15	1	74	1	0		22.32	22.16	22.31		
15+15	75	0	75	0	64-QAM	20.62	20.59	20.58	29.12	0.8166
15+15	1	0	1	74		15.11	15.12	15.18		
15+15	1	74	1	0		20.59	20.59	20.58		
15+15	75	0	75	0	256-QAM	18.60	18.63	18.61	27.13	0.5164
15+15	1	0	1	74		14.93	14.89	14.98		
15+15	1	74	1	0		18.61	18.44	18.60		
Limit	EIRP < 2W					Result			Pass	

LTE Band 38C-PC2_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	24.78	24.79	24.81	30.31	1.0740
20+20	1	0	1	99		15.37	15.38	15.37		
20+20	1	99	1	0		14.94	14.98	14.98		
20+20	100	0	100	0	16-QAM	23.82	23.88	23.84	29.38	0.8670
20+20	1	0	1	99		15.89	15.86	15.84		
20+20	1	99	1	0		15.59	15.60	15.61		
20+20	100	0	100	0	64-QAM	23.85	23.84	23.79	29.35	0.8610
20+20	1	0	1	99		15.81	15.77	15.80		
20+20	1	99	1	0		15.68	15.70	15.70		
20+20	100	0	100	0	256-QAM	20.84	20.86	20.88	26.38	0.4345
20+20	1	0	1	99		15.62	15.68	15.55		
20+20	1	99	1	0		15.50	15.48	15.55		
15+15	75	0	75	0	QPSK	24.75	24.76	24.77	30.27	1.0641
15+15	1	0	1	74		15.29	15.41	15.43		
15+15	1	74	1	0		14.77	14.84	14.91		
15+15	75	0	75	0	16-QAM	23.83	23.83	23.86	29.36	0.8630
15+15	1	0	1	74		15.88	15.86	15.89		
15+15	1	74	1	0		15.62	15.63	15.76		
15+15	75	0	75	0	64-QAM	23.82	23.84	23.85	29.35	0.8610
15+15	1	0	1	74		15.76	15.82	15.88		
15+15	1	74	1	0		15.53	15.65	15.69		
15+15	75	0	75	0	256-QAM	20.83	20.89	20.93	26.43	0.4395
15+15	1	0	1	74		15.60	15.65	15.62		
15+15	1	74	1	0		15.46	15.46	15.49		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 8.5 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	21.94	22.02	22.31	32.15	1.6406
20+20	1	0	1	99		15.25	15.36	15.71		
20+20	1	99	1	0		23.25	23.36	23.65		
20+20	100	0	100	0	16-QAM	20.95	21.04	21.34	31.58	1.4388
20+20	1	0	1	99		15.33	15.31	15.62		
20+20	1	99	1	0		22.62	22.77	23.08		
20+20	100	0	100	0	64-QAM	20.92	21.07	21.34	29.84	0.9638
20+20	1	0	1	99		15.32	15.39	15.68		
20+20	1	99	1	0		20.99	20.95	21.28		
20+20	100	0	100	0	256-QAM	18.85	19.03	19.33	27.83	0.6067
20+20	1	0	1	99		15.18	15.35	15.69		
20+20	1	99	1	0		18.83	18.96	19.28		
20+15	100	0	75	0	QPSK	21.92	22.05	22.33	32.03	1.5959
20+15	1	0	1	74		15.32	15.46	15.78		
20+15	1	99	1	0		23.09	23.23	23.53		
20+15	100	0	75	0	16-QAM	20.95	21.06	21.37	31.63	1.4555
20+15	1	0	1	74		15.26	15.39	15.71		
20+15	1	99	1	0		22.69	22.86	23.13		
20+15	100	0	75	0	64-QAM	20.95	21.04	21.35	29.86	0.9683
20+15	1	0	1	74		15.40	15.49	15.82		
20+15	1	99	1	0		20.95	20.97	21.36		
20+15	100	0	75	0	256-QAM	18.89	19.05	19.38	27.91	0.6180
20+15	1	0	1	74		15.27	15.41	15.77		
20+15	1	99	1	0		18.93	19.00	19.41		
15+20	75	0	100	0	QPSK	21.90	22.03	22.33	32.03	1.5959
15+20	1	0	1	99		15.31	15.41	15.73		
15+20	1	74	1	0		23.04	23.22	23.53		
15+20	75	0	100	0	16-QAM	20.94	21.07	21.35	31.63	1.4555
15+20	1	0	1	99		15.23	15.37	15.76		
15+20	1	74	1	0		22.66	22.85	23.13		
15+20	75	0	100	0	64-QAM	20.96	21.02	20.91	29.80	0.9550
15+20	1	0	1	99		15.37	15.44	15.71		
15+20	1	74	1	0		20.91	20.98	21.30		
15+20	75	0	100	0	256-QAM	18.92	18.98	19.33	27.83	0.6067
15+20	1	0	1	99		15.24	15.34	15.72		
15+20	1	74	1	0		18.87	19.02	19.13		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 8.5 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	21.90	22.05	22.34	32.26	1.6827
20+10	1	0	1	49		15.38	15.48	15.86		
20+10	1	99	1	0		23.24	23.43	23.76		
20+10	100	0	50	0	16-QAM	20.94	21.08	21.39	31.73	1.4894
20+10	1	0	1	49		15.30	15.31	15.77		
20+10	1	99	1	0		22.76	22.96	23.23		
20+10	100	0	50	0	64-QAM	20.94	21.05	21.38	30.00	1.0000
20+10	1	0	1	49		15.47	15.47	15.86		
20+10	1	99	1	0		21.02	21.12	21.50		
20+10	100	0	50	0	256-QAM	18.92	19.01	19.41	27.91	0.6180
20+10	1	0	1	49		15.32	15.41	15.82		
20+10	1	99	1	0		18.87	19.11	19.36		
10+20	50	0	100	0	QPSK	21.88	22.01	22.34	32.05	1.6032
10+20	1	0	1	99		15.39	15.49	15.83		
10+20	1	49	1	0		23.11	23.23	23.55		
10+20	50	0	100	0	16-QAM	20.94	21.04	21.36	31.62	1.4521
10+20	1	0	1	99		15.32	15.45	15.77		
10+20	1	49	1	0		22.72	22.90	23.12		
10+20	50	0	100	0	64-QAM	20.94	21.02	21.30	29.84	0.9638
10+20	1	0	1	99		15.47	15.54	15.88		
10+20	1	49	1	0		21.03	21.00	21.34		
10+20	50	0	100	0	256-QAM	18.90	19.01	19.31	27.82	0.6053
10+20	1	0	1	99		15.52	15.41	15.67		
10+20	1	49	1	0		18.82	18.95	19.32		
20+5	100	0	25	0	QPSK	21.87	22.04	22.33	32.27	1.6866
20+5	1	0	1	24		15.36	15.46	15.82		
20+5	1	99	1	0		23.30	23.49	23.77		
20+5	100	0	25	0	16-QAM	20.87	21.04	21.38	31.69	1.4757
20+5	1	0	1	24		15.30	15.38	15.77		
20+5	1	99	1	0		22.74	22.92	23.19		
20+5	100	0	25	0	64-QAM	20.93	21.02	21.35	29.94	0.9863
20+5	1	0	1	24		15.51	15.50	15.86		
20+5	1	99	1	0		20.96	21.17	21.44		
20+5	100	0	25	0	256-QAM	18.92	19.05	19.39	27.96	0.6252
20+5	1	0	1	24		15.39	15.37	15.82		
20+5	1	99	1	0		18.86	19.09	19.46		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 8.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.89	22.02	22.33	32.14	1.6368
5+20	1	0	1	99		15.39	15.52	15.82		
5+20	1	24	1	0		23.18	23.35	23.64		
5+20	25	0	100	0	16-QAM	20.90	21.01	21.36	31.70	1.4791
5+20	1	0	1	99		15.31	15.31	15.83		
5+20	1	24	1	0		22.82	22.92	23.20		
5+20	25	0	100	0	64-QAM	20.91	21.03	21.29	29.94	0.9863
5+20	1	0	1	99		15.45	15.44	15.92		
5+20	1	24	1	0		20.93	21.07	21.44		
5+20	25	0	100	0	256-QAM	18.92	18.63	19.34	27.89	0.6152
5+20	1	0	1	99		15.36	15.24	15.74		
5+20	1	24	1	0		18.95	18.98	19.39		
15+10	75	0	50	0	QPSK	21.86	22.03	22.30	32.06	1.6069
15+10	1	0	1	49		15.32	15.04	15.88		
15+10	1	74	1	0		23.02	23.16	23.56		
15+10	75	0	50	0	16-QAM	20.92	21.06	21.39	31.65	1.4622
15+10	1	0	1	49		15.27	15.48	15.79		
15+10	1	74	1	0		22.65	22.85	23.15		
15+10	75	0	50	0	64-QAM	20.90	21.04	21.39	29.96	0.9908
15+10	1	0	1	49		15.42	15.62	15.94		
15+10	1	74	1	0		20.92	21.03	21.46		
15+10	75	0	50	0	256-QAM	18.90	19.06	19.40	27.90	0.6166
15+10	1	0	1	49		15.29	15.43	15.75		
15+10	1	74	1	0		18.75	18.97	19.33		
10+15	50	0	75	0	QPSK	21.87	22.00	22.32	32.02	1.5922
10+15	1	0	1	74		15.37	15.48	15.87		
10+15	1	49	1	0		23.00	23.21	23.52		
10+15	50	0	75	0	16-QAM	20.88	21.03	21.36	31.58	1.4388
10+15	1	0	1	74		15.32	15.30	15.67		
10+15	1	49	1	0		22.62	22.82	23.08		
10+15	50	0	75	0	64-QAM	20.96	21.03	21.38	29.88	0.9727
10+15	1	0	1	74		15.44	15.48	15.87		
10+15	1	49	1	0		20.83	21.04	21.36		
10+15	50	0	75	0	256-QAM	18.89	19.01	19.35	27.85	0.6095
10+15	1	0	1	74		15.37	15.32	15.61		
10+15	1	49	1	0		18.81	18.87	19.26		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC3_CA Maximum Average Power [dBm] (GT - LC = 8.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	21.81	21.95	22.26	31.98	1.5776
15+15	1	0	1	74		15.37	15.50	15.83		
15+15	1	74	1	0		23.03	23.20	23.48		
15+15	75	0	75	0	16-QAM	20.92	21.06	21.39	31.63	1.4555
15+15	1	0	1	74		15.34	15.37	15.78		
15+15	1	74	1	0		22.69	22.80	23.13		
15+15	75	0	75	0	64-QAM	20.91	21.05	21.39	29.89	0.9750
15+15	1	0	1	74		15.34	15.43	15.91		
15+15	1	74	1	0		20.93	21.00	21.30		
15+15	75	0	75	0	256-QAM	18.94	19.07	19.22	27.78	0.5998
15+15	1	0	1	74		15.34	15.34	15.81		
15+15	1	74	1	0		18.71	18.93	19.28		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC2_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	24.63	24.88	25.20	32.26	1.6827
20+20	1	0	1	99		18.18	18.27	18.65		
20+20	1	99	1	0		25.43	26.54	26.76		
20+20	100	0	100	0	16-QAM	23.72	23.92	24.28	31.44	1.3932
20+20	1	0	1	99		18.67	18.88	19.20		
20+20	1	99	1	0		25.04	25.67	25.94		
20+20	100	0	100	0	64-QAM	22.87	23.90	24.23	31.14	1.3002
20+20	1	0	1	99		18.59	18.72	19.04		
20+20	1	99	1	0		25.64	25.30	25.64		
20+20	100	0	100	0	256-QAM	20.78	20.92	21.27	26.93	0.4932
20+20	1	0	1	99		18.54	18.56	18.98		
20+20	1	99	1	0		21.01	21.21	21.43		
20+15	100	0	75	0	QPSK	24.63	24.93	25.19	32.19	1.6558
20+15	1	0	1	74		18.19	18.31	18.75		
20+15	1	99	1	0		25.39	26.45	26.69		
20+15	100	0	75	0	16-QAM	23.72	23.94	24.25	31.51	1.4158
20+15	1	0	1	74		18.65	18.82	19.14		
20+15	1	99	1	0		25.04	25.69	26.01		
20+15	100	0	75	0	64-QAM	22.83	23.99	24.19	30.00	1.0000
20+15	1	0	1	74		18.67	18.79	19.15		
20+15	1	99	1	0		22.65	24.31	24.50		
20+15	100	0	75	0	256-QAM	20.82	20.94	21.23	26.99	0.5000
20+15	1	0	1	74		18.47	18.63	18.98		
20+15	1	99	1	0		21.04	21.18	21.49		
15+20	75	0	100	0	QPSK	24.64	24.89	25.23	32.16	1.6444
15+20	1	0	1	99		18.23	18.32	18.71		
15+20	1	74	1	0		25.60	26.38	26.66		
15+20	75	0	100	0	16-QAM	23.61	23.93	24.23	31.49	1.4093
15+20	1	0	1	99		18.68	18.81	19.17		
15+20	1	74	1	0		25.25	25.76	25.99		
15+20	75	0	100	0	64-QAM	23.00	23.97	24.21	30.00	1.0000
15+20	1	0	1	99		18.64	18.78	19.10		
15+20	1	74	1	0		22.85	24.25	24.50		
15+20	75	0	100	0	256-QAM	20.85	20.98	21.26	26.99	0.5000
15+20	1	0	1	99		18.54	18.60	18.95		
15+20	1	74	1	0		20.96	21.14	21.49		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC2_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	24.71	24.93	25.27	32.36	1.7219
20+10	1	0	1	49		18.20	18.42	18.81		
20+10	1	99	1	0		25.48	26.61	26.86		
20+10	100	0	50	0	16-QAM	23.73	23.99	24.29	31.61	1.4488
20+10	1	0	1	49		18.90	18.87	19.24		
20+10	1	99	1	0		25.12	25.86	26.11		
20+10	100	0	50	0	64-QAM	22.83	24.00	24.26	30.20	1.0471
20+10	1	0	1	49		18.70	18.89	19.19		
20+10	1	99	1	0		22.69	24.37	24.70		
20+10	100	0	50	0	256-QAM	20.82	20.99	21.31	26.98	0.4989
20+10	1	0	1	49		18.56	18.74	19.07		
20+10	1	99	1	0		21.16	21.27	21.48		
10+20	50	0	100	0	QPSK	24.81	24.93	25.26	32.21	1.6634
10+20	1	0	1	99		18.27	18.44	18.81		
10+20	1	49	1	0		26.00	26.49	26.71		
10+20	50	0	100	0	16-QAM	23.86	23.99	24.33	31.46	1.3996
10+20	1	0	1	99		18.86	18.88	19.25		
10+20	1	49	1	0		25.60	25.56	25.96		
10+20	50	0	100	0	64-QAM	23.20	23.98	24.27	30.14	1.0328
10+20	1	0	1	99		18.89	18.83	19.23		
10+20	1	49	1	0		23.26	24.35	24.64		
10+20	50	0	100	0	256-QAM	20.87	21.00	21.31	26.99	0.5000
10+20	1	0	1	99		18.67	18.71	18.99		
10+20	1	49	1	0		21.09	21.30	21.49		
20+5	100	0	25	0	QPSK	24.51	24.95	25.25	32.37	1.7258
20+5	1	0	1	24		18.26	18.44	18.81		
20+5	1	99	1	0		25.48	26.59	26.87		
20+5	100	0	25	0	16-QAM	23.63	24.00	24.28	31.68	1.4723
20+5	1	0	1	24		18.80	18.92	19.23		
20+5	1	99	1	0		25.09	25.89	26.18		
20+5	100	0	25	0	64-QAM	22.82	23.99	24.26	30.15	1.0351
20+5	1	0	1	24		18.82	18.82	19.21		
20+5	1	99	1	0		22.70	24.39	24.65		
20+5	100	0	25	0	256-QAM	20.81	21.00	21.30	27.06	0.5082
20+5	1	0	1	24		18.69	18.76	19.10		
20+5	1	99	1	0		21.12	21.33	21.56		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC2_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	24.76	24.92	25.24	32.29	1.6943
5+20	1	0	1	99		18.30	18.42	18.84		
5+20	1	24	1	0		26.33	26.52	26.79		
5+20	25	0	100	0	16-QAM	23.83	23.98	24.27	31.54	1.4256
5+20	1	0	1	99		18.74	18.95	19.25		
5+20	1	24	1	0		25.70	25.82	26.04		
5+20	25	0	100	0	64-QAM	23.36	23.96	24.24	30.08	1.0186
5+20	1	0	1	99		18.78	18.93	19.25		
5+20	1	24	1	0		23.72	24.35	24.58		
5+20	25	0	100	0	256-QAM	20.85	20.98	21.31	27.02	0.5035
5+20	1	0	1	99		18.61	18.75	19.00		
5+20	1	24	1	0		21.02	21.28	21.52		
15+10	75	0	50	0	QPSK	24.77	24.93	25.27	32.26	1.6827
15+10	1	0	1	49		18.26	18.44	18.84		
15+10	1	74	1	0		25.67	26.44	26.76		
15+10	75	0	50	0	16-QAM	23.80	23.97	24.31	31.54	1.4256
15+10	1	0	1	49		18.75	18.92	19.29		
15+10	1	74	1	0		25.29	25.74	26.04		
15+10	75	0	50	0	64-QAM	23.06	23.99	24.29	30.14	1.0328
15+10	1	0	1	49		18.86	18.84	19.33		
15+10	1	74	1	0		22.96	24.34	24.64		
15+10	75	0	50	0	256-QAM	20.83	21.03	21.31	26.93	0.4932
15+10	1	0	1	49		18.58	18.30	19.17		
15+10	1	74	1	0		20.95	21.18	21.43		
10+15	50	0	75	0	QPSK	24.73	24.94	25.27	32.17	1.6482
10+15	1	0	1	74		18.28	18.44	18.87		
10+15	1	49	1	0		25.88	26.42	26.67		
10+15	50	0	75	0	16-QAM	23.82	23.96	24.33	31.52	1.4191
10+15	1	0	1	74		18.88	18.91	19.29		
10+15	1	49	1	0		25.49	25.70	26.02		
10+15	50	0	75	0	64-QAM	23.25	23.98	24.32	30.07	1.0162
10+15	1	0	1	74		18.90	18.84	19.33		
10+15	1	49	1	0		23.29	24.23	24.57		
10+15	50	0	75	0	256-QAM	20.84	21.00	21.32	26.95	0.4955
10+15	1	0	1	74		18.54	18.70	19.12		
10+15	1	49	1	0		20.98	21.15	21.45		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C-PC2_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						
15+15	75	0	75	0	QPSK	24.75	24.88	25.20	32.17	1.6482
15+15	1	0	1	74		18.23	18.46	18.78		
15+15	1	74	1	0		25.64	26.43	26.67		
15+15	75	0	75	0	16-QAM	23.82	23.95	24.24	31.45	1.3964
15+15	1	0	1	74		18.80	18.96	19.29		
15+15	1	74	1	0		25.29	25.68	25.95		
15+15	75	0	75	0	64-QAM	23.04	23.95	24.26	29.98	0.9954
15+15	1	0	1	74		18.74	18.92	19.19		
15+15	1	74	1	0		22.90	24.25	24.48		
15+15	75	0	75	0	256-QAM	20.89	21.01	21.29	26.99	0.5000
15+15	1	0	1	74		18.56	18.69	19.02		
15+15	1	74	1	0		21.05	21.14	21.49		
Limit	EIRP < 2W					Result			Pass	

LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.84	19.84	19.90	22.08	0.1614
20+20	1	0	1	99		13.18	13.22	13.33		
20+20	1	99	1	0		21.44	21.46	21.58		
20+20	100	0	100	0	16-QAM	18.86	18.91	18.97	21.73	0.1489
20+20	1	0	1	99		13.63	13.70	13.71		
20+20	1	99	1	0		21.03	21.04	21.23		
20+20	100	0	100	0	64-QAM	18.86	18.89	18.96	19.85	0.0966
20+20	1	0	1	99		13.58	13.61	13.64		
20+20	1	99	1	0		19.15	19.16	19.35		
20+20	100	0	100	0	256-QAM	16.82	16.85	16.95	17.59	0.0574
20+20	1	0	1	99		13.38	13.46	13.50		
20+20	1	99	1	0		16.90	17.01	17.09		
20+15	100	0	75	0	QPSK	19.83	19.88	19.98	21.99	0.1581
20+15	1	0	1	74		13.26	13.29	13.41		
20+15	1	99	1	0		21.33	21.38	21.49		
20+15	100	0	75	0	16-QAM	18.87	18.91	19.00	21.80	0.1514
20+15	1	0	1	74		13.72	13.77	13.84		
20+15	1	99	1	0		21.22	21.21	21.30		
20+15	100	0	75	0	64-QAM	18.89	18.90	19.01	19.87	0.0971
20+15	1	0	1	74		13.65	13.74	13.82		
20+15	1	99	1	0		19.27	19.29	19.37		
20+15	100	0	75	0	256-QAM	16.84	16.84	16.95	17.64	0.0581
20+15	1	0	1	74		13.41	13.57	13.65		
20+15	1	99	1	0		16.99	16.94	17.14		
15+20	75	0	100	0	QPSK	19.83	19.84	19.94	21.97	0.1574
15+20	1	0	1	99		13.25	13.27	13.39		
15+20	1	74	1	0		21.29	21.33	21.47		
15+20	75	0	100	0	16-QAM	18.85	18.91	18.99	21.80	0.1514
15+20	1	0	1	99		13.68	13.74	13.75		
15+20	1	74	1	0		21.04	21.15	21.30		
15+20	75	0	100	0	64-QAM	18.87	18.85	18.98	19.80	0.0955
15+20	1	0	1	99		13.65	13.72	13.84		
15+20	1	74	1	0		19.05	19.28	19.30		
15+20	75	0	100	0	256-QAM	16.81	16.85	16.96	17.68	0.0586
15+20	1	0	1	99		13.46	13.47	13.60		
15+20	1	74	1	0		16.98	16.95	17.18		
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	19.86	19.90	19.96	22.14	0.1637
20+10	1	0	1	49		13.31	13.37	13.46		
20+10	1	99	1	0		21.46	21.53	21.64		
20+10	100	0	50	0	16-QAM	18.83	18.90	19.03	21.91	0.1552
20+10	1	0	1	49		13.72	13.89	13.96		
20+10	1	99	1	0		21.23	21.30	21.41		
20+10	100	0	50	0	64-QAM	18.87	18.90	18.98	19.97	0.0993
20+10	1	0	1	49		13.69	13.78	13.96		
20+10	1	99	1	0		19.20	19.37	19.47		
20+10	100	0	50	0	256-QAM	16.84	16.93	16.99	17.70	0.0589
20+10	1	0	1	49		13.51	13.57	13.73		
20+10	1	99	1	0		17.00	17.08	17.20		
10+20	50	0	100	0	QPSK	19.83	19.85	19.99	21.98	0.1578
10+20	1	0	1	99		13.30	13.32	13.48		
10+20	1	49	1	0		21.34	21.38	21.48		
10+20	50	0	100	0	16-QAM	18.87	18.91	19.03	21.78	0.1507
10+20	1	0	1	99		13.72	13.80	13.91		
10+20	1	49	1	0		21.13	21.22	21.28		
10+20	50	0	100	0	64-QAM	18.89	18.90	18.99	19.82	0.0959
10+20	1	0	1	99		13.81	13.76	13.91		
10+20	1	49	1	0		19.20	19.25	19.32		
10+20	50	0	100	0	256-QAM	16.85	16.89	17.00	17.66	0.0583
10+20	1	0	1	99		13.53	13.60	13.69		
10+20	1	49	1	0		16.97	17.01	17.16		
20+5	100	0	25	0	QPSK	19.78	19.88	19.99	22.16	0.1644
20+5	1	0	1	24		13.31	13.35	13.52		
20+5	1	99	1	0		21.50	21.55	21.66		
20+5	100	0	25	0	16-QAM	18.84	18.89	19.01	21.88	0.1542
20+5	1	0	1	24		13.68	13.73	13.96		
20+5	1	99	1	0		21.32	21.25	21.38		
20+5	100	0	25	0	64-QAM	18.87	18.90	19.03	19.96	0.0991
20+5	1	0	1	24		13.63	13.81	13.92		
20+5	1	99	1	0		19.26	19.40	19.46		
20+5	100	0	25	0	256-QAM	16.84	16.88	17.01	17.75	0.0596
20+5	1	0	1	24		13.52	13.57	13.70		
20+5	1	99	1	0		17.04	17.16	17.25		
Limit	EIRP < 1W					Result			Pass	

LTE Band 42C_27Q CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	19.79	19.88	20.00	22.05	0.1603
5+20	1	0	1	99		13.20	13.33	13.48		
5+20	1	24	1	0		21.40	21.44	21.55		
5+20	25	0	100	0	16-QAM	18.80	18.88	19.04	21.91	0.1552
5+20	1	0	1	99		13.75	13.85	13.91		
5+20	1	24	1	0		21.20	21.23	21.41		
5+20	25	0	100	0	64-QAM	18.88	18.89	19.03	19.95	0.0989
5+20	1	0	1	99		13.72	13.74	13.94		
5+20	1	24	1	0		19.25	19.33	19.45		
5+20	25	0	100	0	256-QAM	16.81	16.87	17.01	17.77	0.0598
5+20	1	0	1	99		13.47	13.58	13.76		
5+20	1	24	1	0		16.99	17.08	17.27		
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_270 CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.15	20.35	20.40	22.60	0.1820
20+20	1	0	1	99		13.56	13.67	13.73		
20+20	1	99	1	0		21.89	22.04	22.10		
20+20	100	0	100	0	16-QAM	19.18	19.35	19.37	22.17	0.1648
20+20	1	0	1	99		13.97	14.15	14.17		
20+20	1	99	1	0		21.53	21.67	21.67		
20+20	100	0	100	0	64-QAM	19.20	19.40	19.37	20.30	0.1072
20+20	1	0	1	99		14.03	14.11	14.21		
20+20	1	99	1	0		19.62	19.76	19.80		
20+20	100	0	100	0	256-QAM	17.15	17.33	17.36	18.08	0.0643
20+20	1	0	1	99		13.84	13.94	14.00		
20+20	1	99	1	0		17.41	17.58	17.58		
20+15	100	0	75	0	QPSK	20.19	20.37	20.39	22.48	0.1770
20+15	1	0	1	74		13.53	13.71	13.77		
20+15	1	99	1	0		21.79	21.98	21.97		
20+15	100	0	75	0	16-QAM	19.19	19.35	19.42	22.32	0.1706
20+15	1	0	1	74		14.03	14.21	14.20		
20+15	1	99	1	0		21.55	21.82	21.82		
20+15	100	0	75	0	64-QAM	19.21	19.37	19.41	20.30	0.1072
20+15	1	0	1	74		14.02	14.20	14.26		
20+15	1	99	1	0		19.55	19.80	19.77		
20+15	100	0	75	0	256-QAM	17.18	17.36	17.38	18.18	0.0658
20+15	1	0	1	74		13.83	13.99	14.04		
20+15	1	99	1	0		17.45	17.61	17.68		
15+20	75	0	100	0	QPSK	20.18	20.35	20.43	22.46	0.1762
15+20	1	0	1	99		13.58	13.73	13.75		
15+20	1	74	1	0		21.73	21.96	21.95		
15+20	75	0	100	0	16-QAM	19.21	19.40	19.45	22.26	0.1683
15+20	1	0	1	99		14.02	14.23	14.24		
15+20	1	74	1	0		21.55	21.67	21.76		
15+20	75	0	100	0	64-QAM	19.21	19.40	19.44	20.29	0.1069
15+20	1	0	1	99		14.02	14.22	14.24		
15+20	1	74	1	0		19.59	19.75	19.79		
15+20	75	0	100	0	256-QAM	17.19	17.39	17.40	18.08	0.0643
15+20	1	0	1	99		13.85	13.99	14.09		
15+20	1	74	1	0		17.36	17.58	17.57		
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_270 CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.19	20.38	20.40	22.57	0.1807
20+10	1	0	1	49		13.62	13.77	13.82		
20+10	1	99	1	0		21.85	22.07	22.07		
20+10	100	0	50	0	16-QAM	19.20	19.40	19.44	22.34	0.1714
20+10	1	0	1	49		14.11	14.30	14.32		
20+10	1	99	1	0		21.61	21.84	21.77		
20+10	100	0	50	0	64-QAM	19.21	19.37	19.42	20.35	0.1084
20+10	1	0	1	49		14.12	14.20	14.27		
20+10	1	99	1	0		19.67	19.82	19.85		
20+10	100	0	50	0	256-QAM	17.20	17.36	17.42	18.20	0.0661
20+10	1	0	1	49		13.91	14.05	14.07		
20+10	1	99	1	0		17.42	17.58	17.70		
10+20	50	0	100	0	QPSK	20.18	20.41	20.40	22.47	0.1766
10+20	1	0	1	99		13.67	13.81	13.88		
10+20	1	49	1	0		21.73	21.95	21.97		
10+20	50	0	100	0	16-QAM	19.19	19.43	19.43	22.28	0.1690
10+20	1	0	1	99		14.12	14.27	14.31		
10+20	1	49	1	0		21.58	21.78	21.77		
10+20	50	0	100	0	64-QAM	19.19	19.44	19.43	20.31	0.1074
10+20	1	0	1	99		14.09	14.28	14.33		
10+20	1	49	1	0		19.52	19.69	19.81		
10+20	50	0	100	0	256-QAM	17.20	17.39	17.43	18.06	0.0640
10+20	1	0	1	99		13.90	14.13	14.12		
10+20	1	49	1	0		17.39	17.56	17.53		
20+5	100	0	25	0	QPSK	20.18	20.40	20.44	22.59	0.1816
20+5	1	0	1	24		13.60	13.80	13.82		
20+5	1	99	1	0		21.87	22.07	22.09		
20+5	100	0	25	0	16-QAM	19.23	19.41	19.42	22.39	0.1734
20+5	1	0	1	24		14.07	14.23	14.30		
20+5	1	99	1	0		21.63	21.76	21.89		
20+5	100	0	25	0	64-QAM	19.19	19.37	19.45	20.41	0.1099
20+5	1	0	1	24		14.00	14.26	14.33		
20+5	1	99	1	0		19.59	19.84	19.91		
20+5	100	0	25	0	256-QAM	17.16	17.38	17.39	18.18	0.0658
20+5	1	0	1	24		13.83	14.03	14.09		
20+5	1	99	1	0		17.43	17.61	17.68		
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_270 CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.14	20.41	20.42	22.51	0.1782
5+20	1	0	1	99		13.61	13.81	13.83		
5+20	1	24	1	0		21.75	22.00	22.01		
5+20	25	0	100	0	16-QAM	19.22	19.35	19.45	22.26	0.1683
5+20	1	0	1	99		14.09	14.26	14.26		
5+20	1	24	1	0		21.47	21.72	21.76		
5+20	25	0	100	0	64-QAM	19.19	19.40	19.43	20.32	0.1076
5+20	1	0	1	99		14.08	14.16	14.32		
5+20	1	24	1	0		19.65	19.75	19.82		
5+20	25	0	100	0	256-QAM	17.18	17.38	17.42	18.09	0.0644
5+20	1	0	1	99		13.94	14.08	14.10		
5+20	1	24	1	0		17.42	17.54	17.59		
15+10	75	0	50	0	QPSK	20.17	20.35	20.40	22.52	0.1786
15+10	1	0	1	49		13.58	13.75	13.83		
15+10	1	74	1	0		21.75	21.97	22.02		
15+10	75	0	50	0	16-QAM	19.18	19.37	19.43	22.29	0.1694
15+10	1	0	1	49		14.08	14.24	14.30		
15+10	1	74	1	0		21.61	21.79	21.77		
15+10	75	0	50	0	64-QAM	19.22	19.39	19.42	20.35	0.1084
15+10	1	0	1	49		14.03	14.21	14.26		
15+10	1	74	1	0		19.65	19.83	19.85		
15+10	75	0	50	0	256-QAM	17.16	17.36	17.41	18.09	0.0644
15+10	1	0	1	49		13.88	14.05	14.08		
15+10	1	74	1	0		17.40	17.59	17.58		
10+15	50	0	75	0	QPSK	20.17	20.34	20.37	22.44	0.1754
10+15	1	0	1	74		13.63	13.80	13.84		
10+15	1	49	1	0		21.72	21.93	21.94		
10+15	50	0	75	0	16-QAM	19.19	19.37	19.44	22.26	0.1683
10+15	1	0	1	74		14.10	14.23	14.35		
10+15	1	49	1	0		21.56	21.74	21.76		
10+15	50	0	75	0	64-QAM	19.18	19.41	19.41	20.29	0.1069
10+15	1	0	1	74		14.10	14.29	14.32		
10+15	1	49	1	0		19.58	19.72	19.79		
10+15	50	0	75	0	256-QAM	17.13	17.37	17.43	18.13	0.0650
10+15	1	0	1	74		13.88	14.08	14.11		
10+15	1	49	1	0		17.33	17.56	17.63		
Limit	EIRP < 1W					Result			Pass	

LTE Band 43C_270 CA Maximum Average Power [dBm] (GT - LC = 0.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	20.09	20.31	20.34	22.50	0.1778
15+15	1	0	1	74		13.64	13.75	13.82		
15+15	1	74	1	0		21.75	21.96	22.00		
15+15	75	0	75	0	16-QAM	19.15	19.38	19.37	22.24	0.1675
15+15	1	0	1	74		14.06	14.22	14.23		
15+15	1	74	1	0		21.56	21.72	21.74		
15+15	75	0	75	0	64-QAM	19.20	19.38	19.41	20.29	0.1069
15+15	1	0	1	74		14.04	14.22	14.29		
15+15	1	74	1	0		19.56	19.79	19.76		
15+15	75	0	75	0	256-QAM	17.20	17.42	17.40	18.10	0.0646
15+15	1	0	1	74		13.87	14.02	14.09		
15+15	1	74	1	0		17.43	17.58	17.60		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 4.5 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	22.04	21.94	22.17	28.42	0.6950
10+10	1	0	1	49		13.50	13.40	13.55		
10+10	1	49	1	0		23.66	23.65	23.92		
10+10	50	0	50	0	16-QAM	21.06	20.98	21.23	27.86	0.6109
10+10	1	0	1	49		13.88	13.77	13.82		
10+10	1	49	1	0		23.09	23.21	23.36		
10+10	50	0	50	0	64-QAM	21.10	21.01	21.28	25.98	0.3963
10+10	1	0	1	49		13.67	13.67	13.79		
10+10	1	49	1	0		21.34	21.14	21.48		
10+10	50	0	50	0	256-QAM	19.13	19.03	19.33	24.09	0.2564
10+10	1	0	1	49		13.72	13.43	13.80		
10+10	1	49	1	0		19.21	19.11	19.59		
15+5	75	0	25	0	QPSK	22.07	21.98	22.21	28.46	0.7015
15+5	1	0	1	24		13.49	13.41	13.51		
15+5	1	74	1	0		23.64	23.68	23.96		
15+5	75	0	25	0	16-QAM	21.10	21.01	21.29	28.01	0.6324
15+5	1	0	1	24		13.82	13.63	14.04		
15+5	1	74	1	0		23.09	23.31	23.51		
15+5	75	0	25	0	64-QAM	21.08	21.07	21.31	25.99	0.3972
15+5	1	0	1	24		13.83	13.54	13.95		
15+5	1	74	1	0		21.25	21.28	21.49		
15+5	75	0	25	0	256-QAM	19.03	19.02	19.34	23.91	0.2460
15+5	1	0	1	24		13.58	13.48	13.85		
15+5	1	74	1	0		19.15	19.25	19.41		
5+15	25	0	75	0	QPSK	22.12	21.99	22.15	28.42	0.6950
5+15	1	0	1	74		13.54	13.34	13.60		
5+15	1	24	1	0		23.74	23.73	23.92		
5+15	25	0	75	0	16-QAM	21.17	21.04	21.23	27.81	0.6039
5+15	1	0	1	74		13.81	13.77	13.93		
5+15	1	24	1	0		23.13	23.13	23.31		
5+15	25	0	75	0	64-QAM	21.14	21.01	21.31	25.92	0.3908
5+15	1	0	1	74		13.81	13.57	13.91		
5+15	1	24	1	0		21.33	21.37	21.42		
5+15	25	0	75	0	256-QAM	19.11	18.97	19.20	23.92	0.2466
5+15	1	0	1	74		13.79	13.65	13.91		
5+15	1	24	1	0		19.30	19.06	19.42		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 4.5 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	22.02	21.97	22.29	28.43	0.6966
10+5	1	0	1	24		14.00	13.97	14.28		
10+5	1	49	1	0		23.64	23.71	23.93		
10+5	50	0	25	0	16-QAM	21.05	21.04	21.34	28.11	0.6471
10+5	1	0	1	24		14.42	14.22	14.68		
10+5	1	49	1	0		23.23	23.29	23.61		
10+5	50	0	25	0	64-QAM	20.97	21.03	21.28	26.29	0.4256
10+5	1	0	1	24		14.30	14.03	14.46		
10+5	1	49	1	0		21.33	21.30	21.79		
10+5	50	0	25	0	256-QAM	19.08	19.04	19.28	24.14	0.2594
10+5	1	0	1	24		14.28	14.25	14.48		
10+5	1	49	1	0		19.17	19.28	19.64		
5+10	25	0	50	0	QPSK	22.05	21.93	22.22	28.31	0.6776
5+10	1	0	1	49		14.07	13.95	14.27		
5+10	1	24	1	0		23.69	23.62	23.81		
5+10	25	0	50	0	16-QAM	21.07	20.98	21.26	27.90	0.6166
5+10	1	0	1	49		14.31	14.24	14.31		
5+10	1	24	1	0		23.15	23.12	23.40		
5+10	25	0	50	0	64-QAM	21.12	21.00	21.33	25.91	0.3899
5+10	1	0	1	49		14.34	14.16	14.55		
5+10	1	24	1	0		21.29	21.22	21.41		
5+10	25	0	50	0	256-QAM	19.16	19.02	19.33	23.88	0.2443
5+10	1	0	1	49		14.35	14.25	14.50		
5+10	1	24	1	0		19.14	19.13	19.38		
5+5	25	0	25	0	QPSK	22.09	21.98	22.28	28.43	0.6966
5+5	1	0	1	24		14.10	13.92	14.31		
5+5	1	24	1	0		23.80	23.67	23.93		
5+5	25	0	25	0	16-QAM	21.12	21.05	21.37	27.96	0.6252
5+5	1	0	1	24		14.45	14.24	14.62		
5+5	1	24	1	0		23.22	23.27	23.46		
5+5	25	0	25	0	64-QAM	21.16	21.04	21.38	26.13	0.4102
5+5	1	0	1	24		14.36	14.13	14.50		
5+5	1	24	1	0		21.30	21.17	21.63		
5+5	25	0	25	0	256-QAM	19.15	19.06	19.39	24.11	0.2576
5+5	1	0	1	24		14.34	14.31	14.31		
5+5	1	24	1	0		19.32	19.16	19.61		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 4.5 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	21.85	21.83	21.89	28.12	0.6486
20+20	1	0	1	99		15.39	15.26	15.37		
20+20	1	99	1	0		23.52	23.54	23.62		
20+20	100	0	100	0	16-QAM	20.92	20.86	20.91	27.57	0.5715
20+20	1	0	1	99		15.73	15.61	15.53		
20+20	1	99	1	0		23.01	23.04	23.07		
20+20	100	0	100	0	64-QAM	20.80	20.85	20.91	25.63	0.3656
20+20	1	0	1	99		15.61	15.40	15.43		
20+20	1	99	1	0		21.06	21.13	21.12		
20+20	100	0	100	0	256-QAM	18.99	19.03	19.04	23.74	0.2366
20+20	1	0	1	99		15.75	15.52	15.58		
20+20	1	99	1	0		19.13	19.06	19.24		
20+15	100	0	75	0	QPSK	21.92	21.88	21.98	28.17	0.6561
20+15	1	0	1	74		15.45	15.42	15.44		
20+15	1	74	1	0		23.43	23.58	23.67		
20+15	100	0	75	0	16-QAM	20.94	20.98	21.07	27.86	0.6109
20+15	1	0	1	74		15.70	15.53	15.72		
20+15	1	74	1	0		23.15	23.17	23.36		
20+15	100	0	75	0	64-QAM	20.96	21.01	21.08	26.12	0.4093
20+15	1	0	1	74		15.75	15.80	15.80		
20+15	1	74	1	0		21.19	21.37	21.62		
20+15	100	0	75	0	256-QAM	18.94	18.99	19.04	23.74	0.2366
20+15	1	0	1	74		15.73	15.68	15.57		
20+15	1	74	1	0		19.06	19.21	19.24		
15+20	75	0	100	0	QPSK	21.93	21.92	21.98	28.06	0.6397
15+20	1	0	1	99		15.50	15.34	15.42		
15+20	1	74	1	0		23.55	23.43	23.56		
15+20	75	0	100	0	16-QAM	20.98	20.95	21.00	27.70	0.5888
15+20	1	0	1	99		15.72	15.46	15.72		
15+20	1	74	1	0		23.16	23.14	23.20		
15+20	75	0	100	0	64-QAM	20.95	20.91	21.03	25.83	0.3828
15+20	1	0	1	99		15.79	15.67	15.57		
15+20	1	74	1	0		21.10	21.15	21.33		
15+20	75	0	100	0	256-QAM	19.03	18.92	19.06	23.61	0.2296
15+20	1	0	1	99		15.60	15.60	15.58		
15+20	1	74	1	0		19.04	19.04	19.11		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 4.5 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	22.10	22.09	22.23	28.47	0.7031
20+10	1	0	1	49		15.69	15.55	15.64		
20+10	1	99	1	0		23.73	23.84	23.97		
20+10	100	0	50	0	16-QAM	21.12	21.14	21.26	28.20	0.6607
20+10	1	0	1	49		16.01	15.86	15.93		
20+10	1	99	1	0		23.26	23.53	23.70		
20+10	100	0	50	0	64-QAM	21.21	21.13	21.25	26.24	0.4207
20+10	1	0	1	49		15.71	15.84	15.79		
20+10	1	99	1	0		21.30	21.44	21.74		
20+10	100	0	50	0	256-QAM	18.92	18.94	19.07	23.91	0.2460
20+10	1	0	1	49		15.56	15.49	15.62		
20+10	1	99	1	0		18.94	19.21	19.41		
10+20	50	0	100	0	QPSK	22.10	22.05	22.12	28.19	0.6592
10+20	1	0	1	99		15.74	15.66	15.70		
10+20	1	49	1	0		23.69	23.56	23.66		
10+20	50	0	100	0	16-QAM	21.21	21.09	21.23	27.91	0.6180
10+20	1	0	1	99		15.90	15.97	16.00		
10+20	1	49	1	0		23.32	23.24	23.41		
10+20	50	0	100	0	64-QAM	21.18	21.06	21.19	25.97	0.3954
10+20	1	0	1	99		16.06	16.05	15.88		
10+20	1	49	1	0		21.43	21.36	21.47		
10+20	50	0	100	0	256-QAM	18.99	18.88	19.02	23.62	0.2301
10+20	1	0	1	99		15.68	15.53	15.75		
10+20	1	49	1	0		19.12	19.03	19.06		
20+5	100	0	25	0	QPSK	21.89	21.88	22.13	28.40	0.6918
20+5	1	0	1	24		15.47	15.32	15.51		
20+5	1	99	1	0		23.58	23.71	23.90		
20+5	100	0	25	0	16-QAM	20.93	20.92	21.20	27.90	0.6166
20+5	1	0	1	24		15.61	15.55	15.96		
20+5	1	99	1	0		22.98	23.26	23.40		
20+5	100	0	25	0	64-QAM	20.94	20.95	21.21	26.14	0.4111
20+5	1	0	1	24		15.82	15.37	15.77		
20+5	1	99	1	0		21.19	21.13	21.64		
20+5	100	0	25	0	256-QAM	19.02	18.98	19.21	24.14	0.2594
20+5	1	0	1	24		15.78	15.56	15.79		
20+5	1	99	1	0		19.30	19.24	19.64		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 4.5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.96	21.78	22.01	28.08	0.6427
5+20	1	0	1	99		15.47	15.34	15.48		
5+20	1	24	1	0		23.54	23.48	23.58		
5+20	25	0	100	0	16-QAM	20.96	20.87	21.04	27.70	0.5888
5+20	1	0	1	99		15.78	15.58	15.65		
5+20	1	24	1	0		23.20	23.03	23.16		
5+20	25	0	100	0	64-QAM	20.99	20.82	21.07	25.91	0.3899
5+20	1	0	1	99		15.79	15.55	15.69		
5+20	1	24	1	0		21.25	21.14	21.41		
5+20	25	0	100	0	256-QAM	19.03	18.89	19.00	23.84	0.2421
5+20	1	0	1	99		15.75	15.54	15.88		
5+20	1	24	1	0		19.34	19.31	19.29		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 4.5 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	22.10	22.03	22.23	28.36	0.6855
15+10	1	0	1	49		15.61	15.52	15.61		
15+10	1	74	1	0		23.62	23.68	23.86		
15+10	75	0	50	0	16-QAM	21.09	21.12	21.29	28.08	0.6427
15+10	1	0	1	49		15.83	15.86	15.82		
15+10	1	74	1	0		23.37	23.36	23.58		
15+10	75	0	50	0	64-QAM	21.17	21.12	21.29	25.93	0.3917
15+10	1	0	1	49		15.79	15.66	15.92		
15+10	1	74	1	0		21.25	21.34	21.43		
15+10	75	0	50	0	256-QAM	18.98	18.91	19.09	23.90	0.2455
15+10	1	0	1	49		15.58	15.65	15.73		
15+10	1	74	1	0		19.05	19.09	19.40		
10+15	50	0	75	0	QPSK	22.10	21.99	22.18	28.30	0.6761
10+15	1	0	1	74		15.64	15.56	15.72		
10+15	1	49	1	0		23.69	23.60	23.80		
10+15	50	0	75	0	16-QAM	21.18	21.06	21.29	27.89	0.6152
10+15	1	0	1	74		16.09	15.72	15.85		
10+15	1	49	1	0		23.27	23.23	23.39		
10+15	50	0	75	0	64-QAM	21.22	21.12	21.22	25.85	0.3846
10+15	1	0	1	74		15.99	15.60	16.00		
10+15	1	49	1	0		21.28	21.26	21.35		
10+15	50	0	75	0	256-QAM	18.90	18.87	19.09	23.81	0.2404
10+15	1	0	1	74		15.56	15.69	15.68		
10+15	1	49	1	0		19.07	18.90	19.31		
15+15	75	0	75	0	QPSK	22.03	22.02	22.14	28.17	0.6561
15+15	1	0	1	74		15.64	15.59	15.61		
15+15	1	74	1	0		23.67	23.66	23.65		
15+15	75	0	75	0	16-QAM	21.14	21.08	21.20	27.82	0.6053
15+15	1	0	1	74		15.97	15.90	15.80		
15+15	1	74	1	0		23.32	23.22	23.20		
15+15	75	0	75	0	64-QAM	21.17	21.15	21.25	25.88	0.3873
15+15	1	0	1	74		15.95	15.83	15.60		
15+15	1	74	1	0		21.38	21.26	21.36		
15+15	75	0	75	0	256-QAM	18.92	18.90	19.03	23.82	0.2410
15+15	1	0	1	74		15.63	15.63	15.69		
15+15	1	74	1	0		19.24	18.96	19.32		
Limit	EIRP < 1W					Result			Pass	



LTE Band 2C

26dB Bandwidth

Mode	LTE Band 2C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.92	25.27	29.85	25.27	30.80
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	25.22	30.14	34.89	39.79

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.82	25.17	29.91	25.27	30.62
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.17	25.02	30.08	34.89	39.88

Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.77	25.17	29.78	25.27	30.44
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.75	24.97	30.08	35.10	39.88

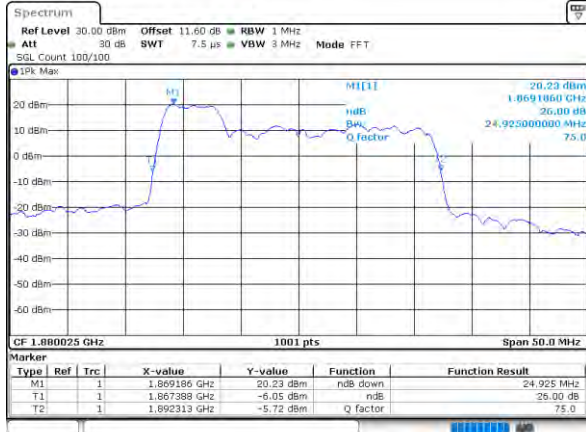
Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.67	25.27	29.78	25.22	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.89	24.87	30.03	34.89	40.20



LTE Band 2C

QPSK

Middle Channel / 5MHz+20MHz



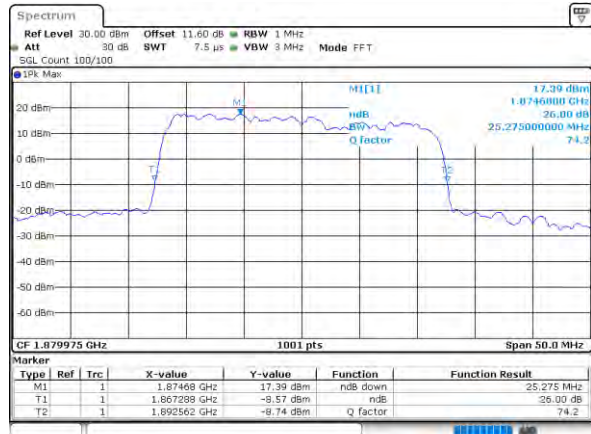
Middle Channel / 10MHz+15MHz



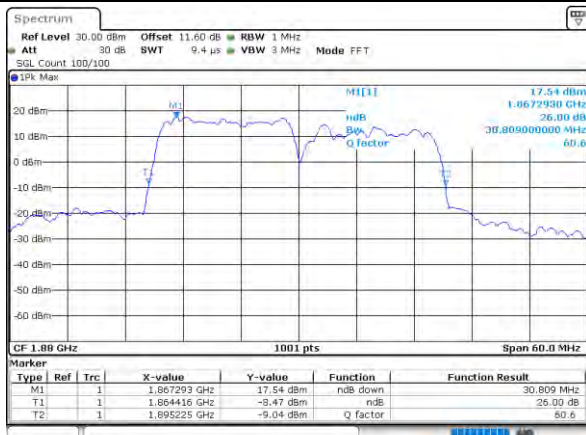
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



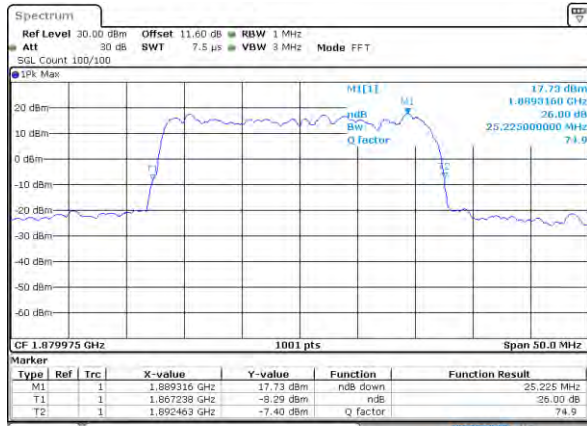
Middle Channel / 15MHz+20MHz



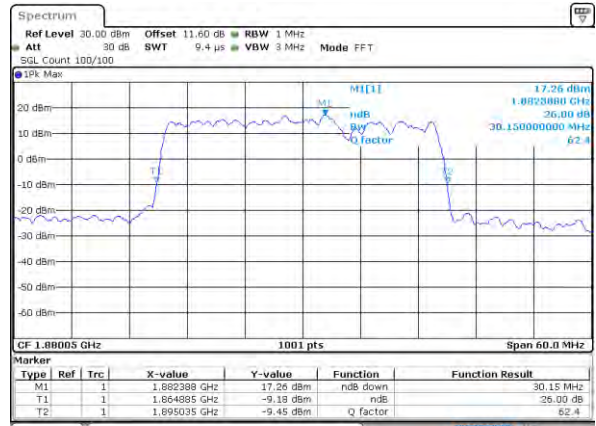


LTE Band 2C

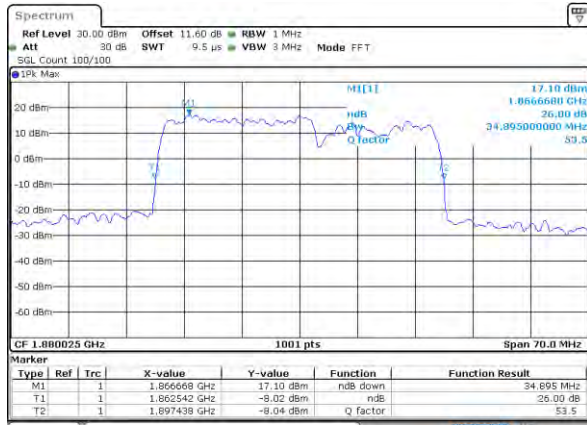
Middle Channel / 20MHz+5MHz



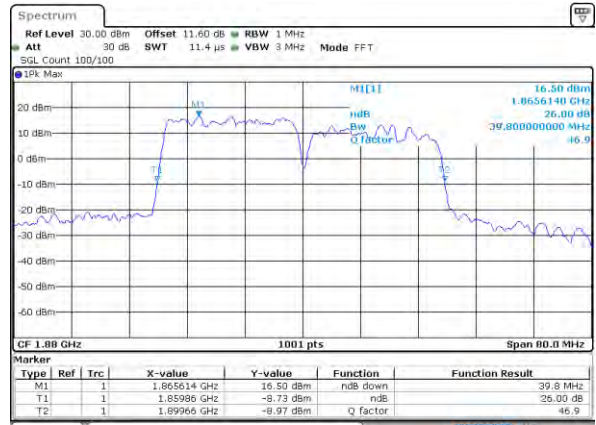
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



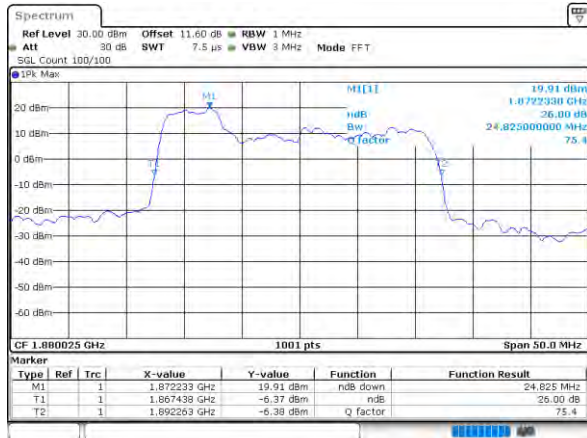
Middle Channel / 20MHz+20MHz



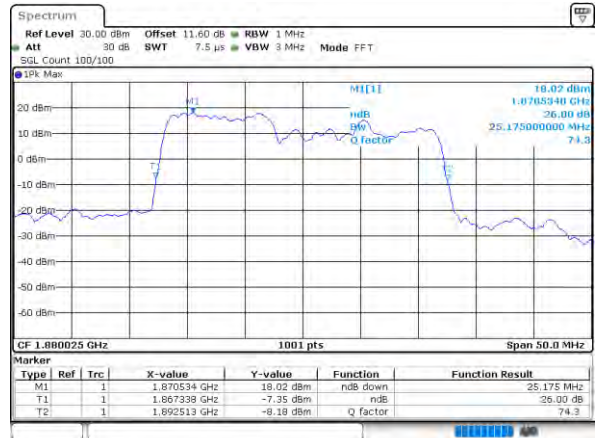


LTE Band 2C

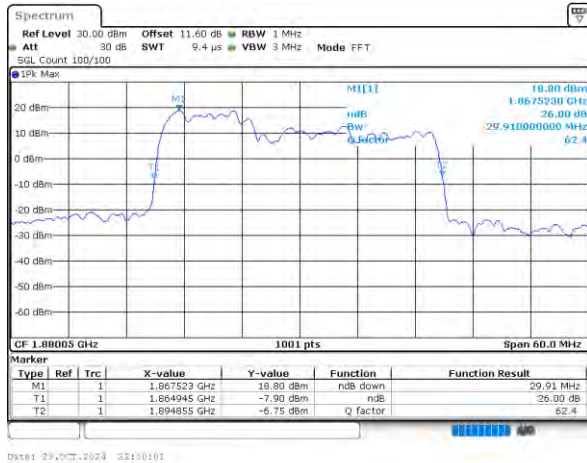
Middle Channel / 5MHz+20MHz



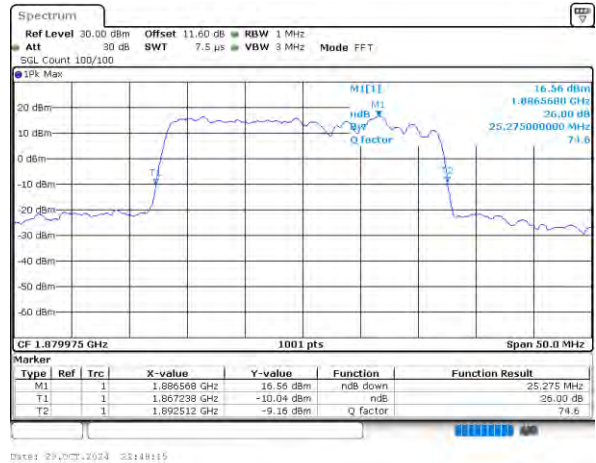
Middle Channel / 10MHz+15MHz



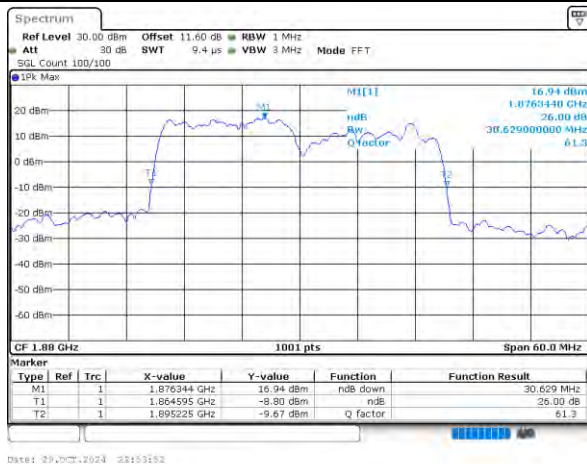
Middle Channel / 10MHz+20MHz



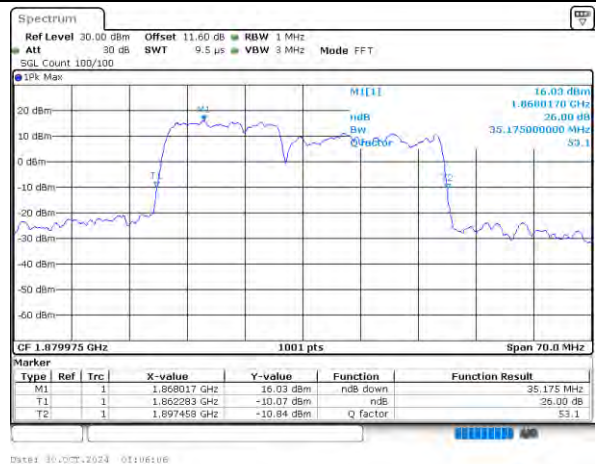
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

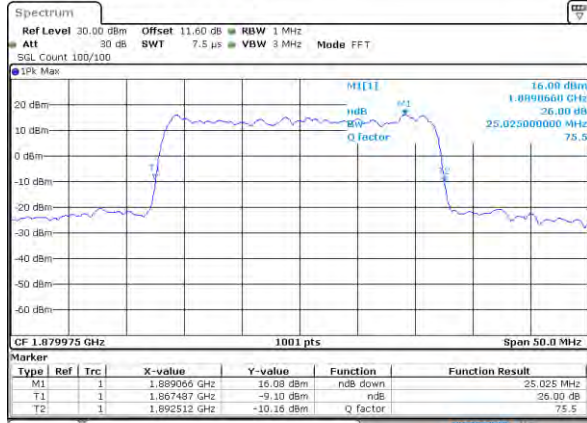




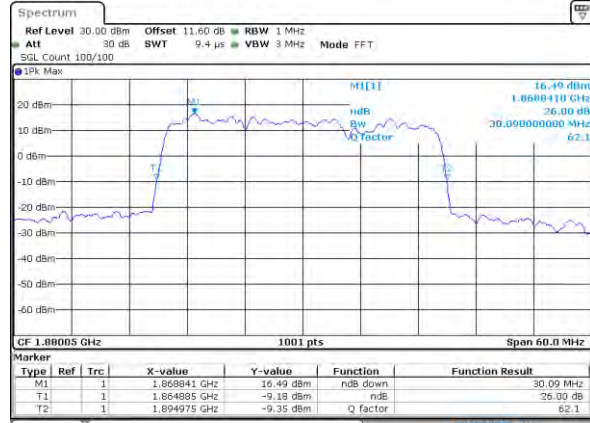
LTE Band 2C

16QAM

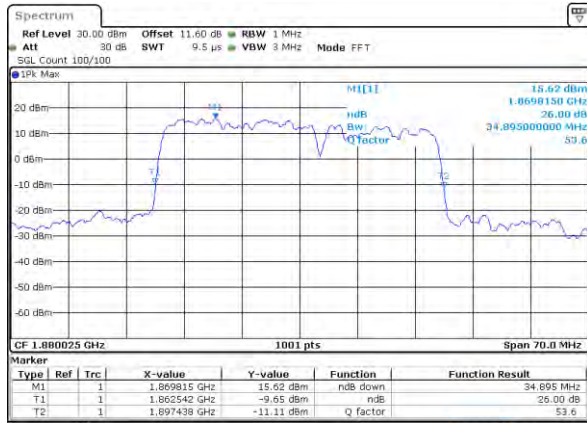
Middle Channel / 20MHz+5MHz



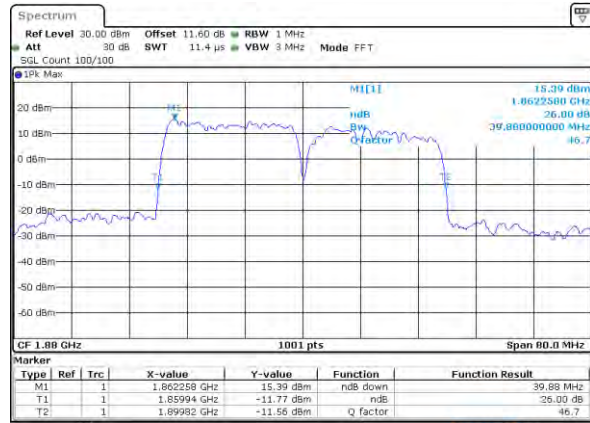
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz





LTE Band 2C

64QAM

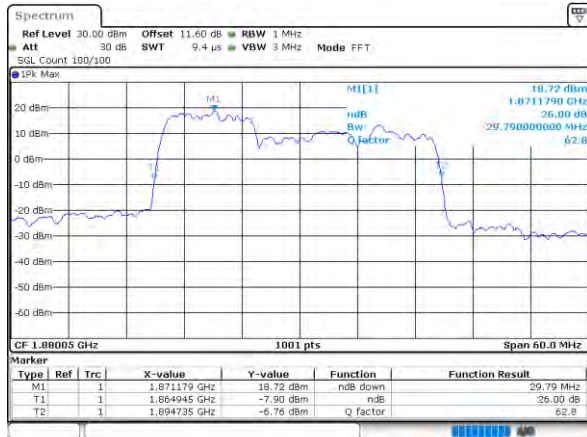
Middle Channel / 5MHz+20MHz



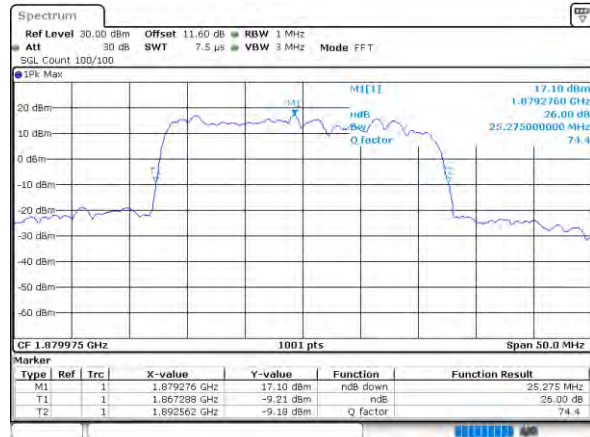
Middle Channel / 10MHz+15MHz



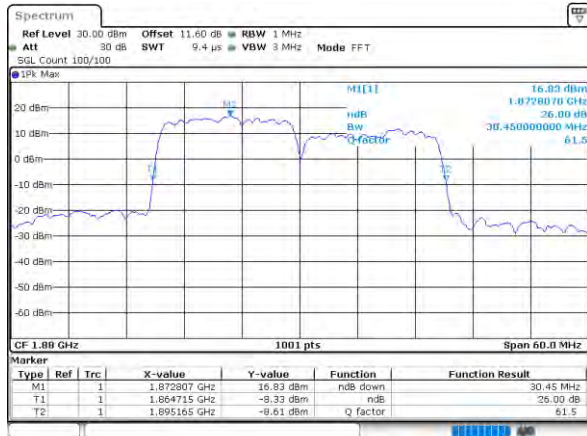
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

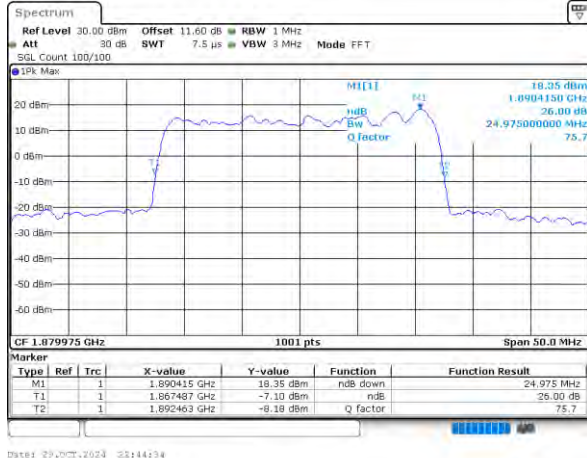




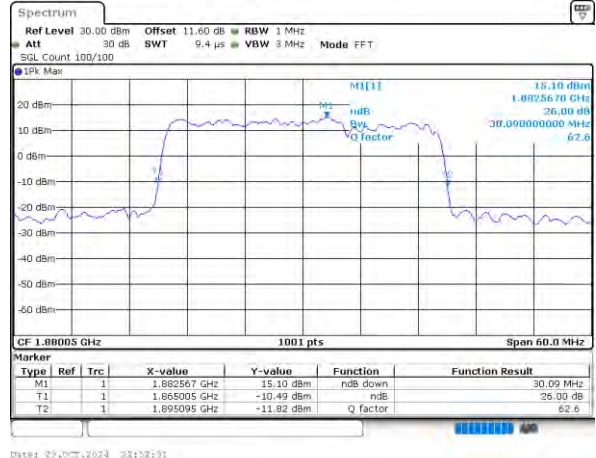
LTE Band 2C

64QAM

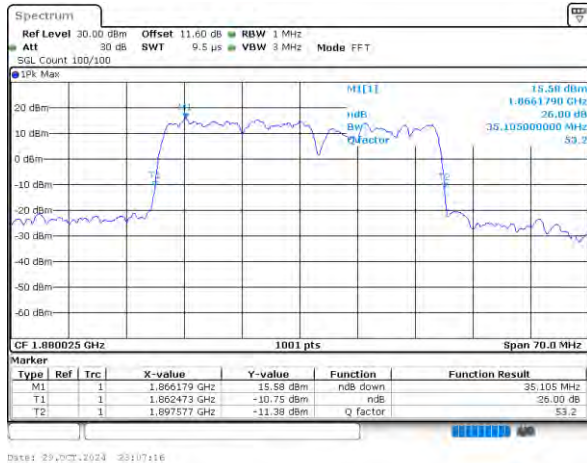
Middle Channel / 20MHz+5MHz



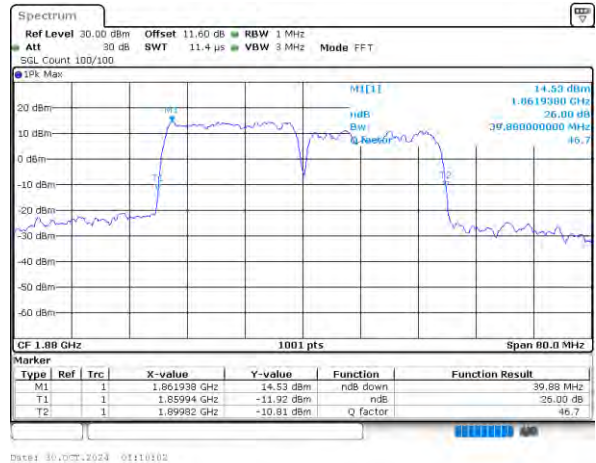
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

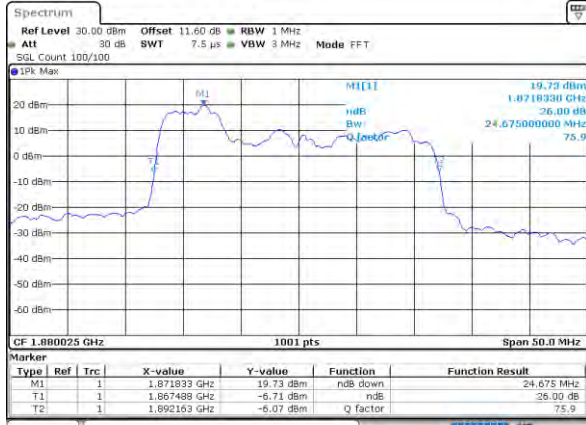




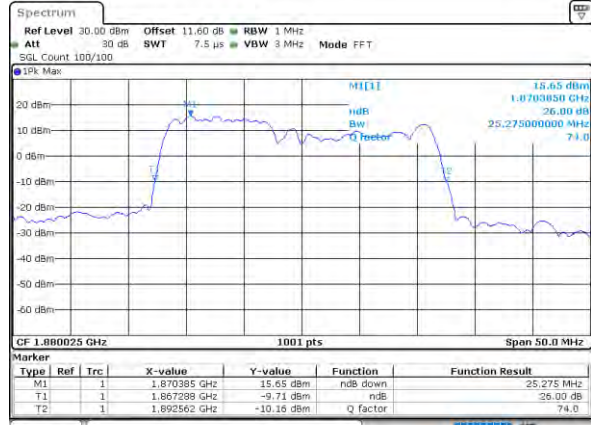
LTE Band 2C

256QAM

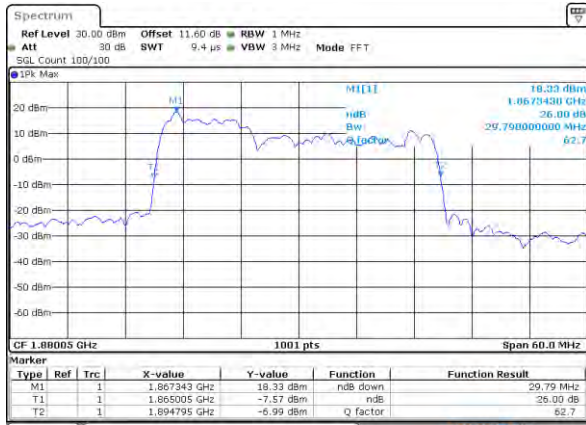
Middle Channel / 5MHz+20MHz



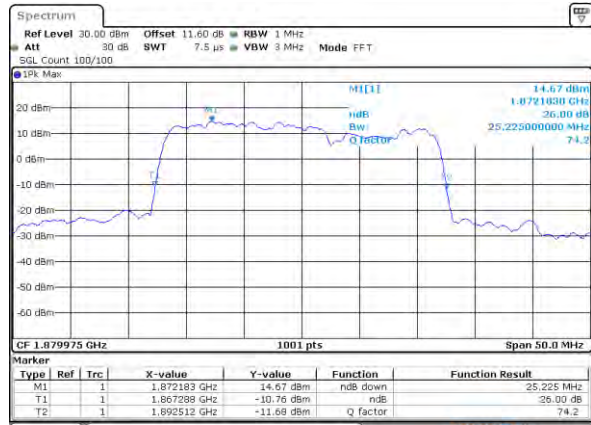
Middle Channel / 10MHz+15MHz



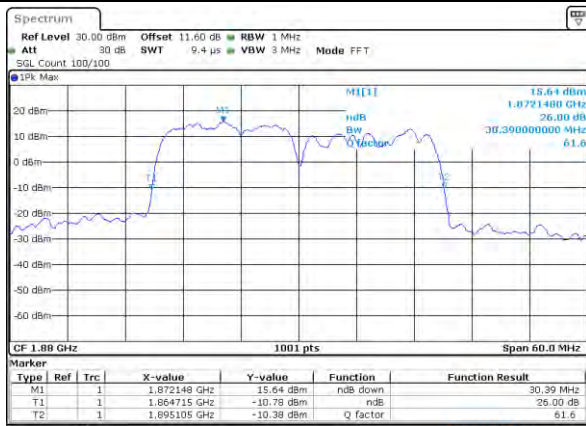
Middle Channel / 10MHz+20MHz



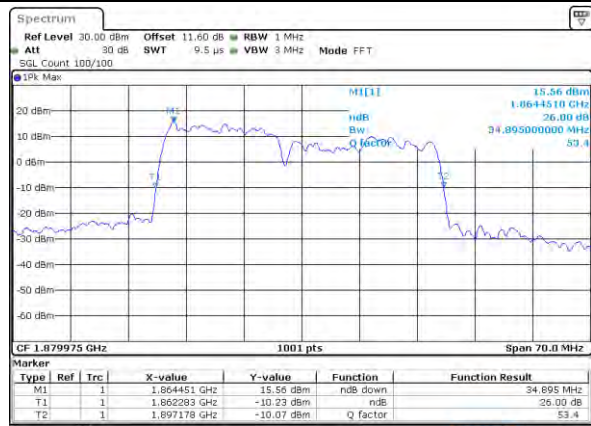
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

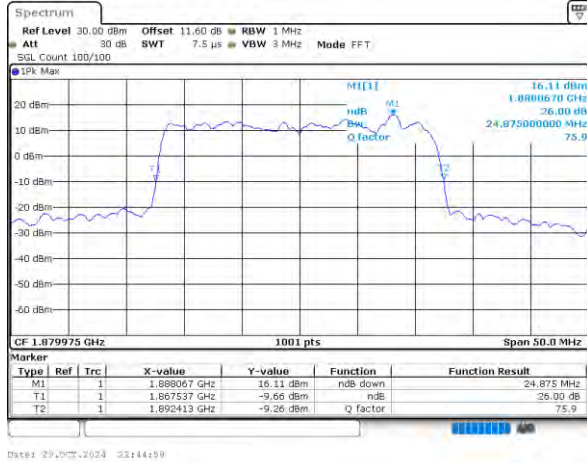




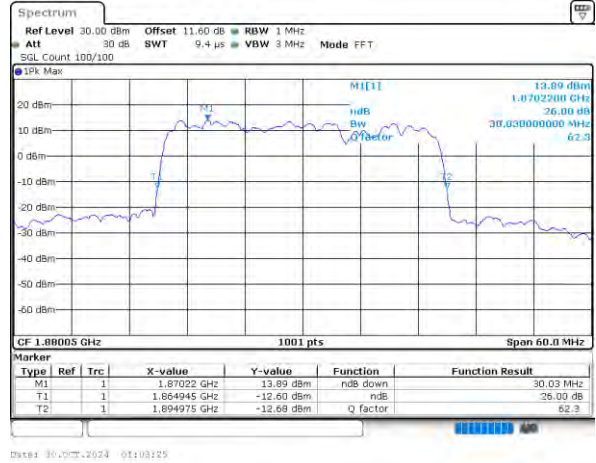
LTE Band 2C

256QAM

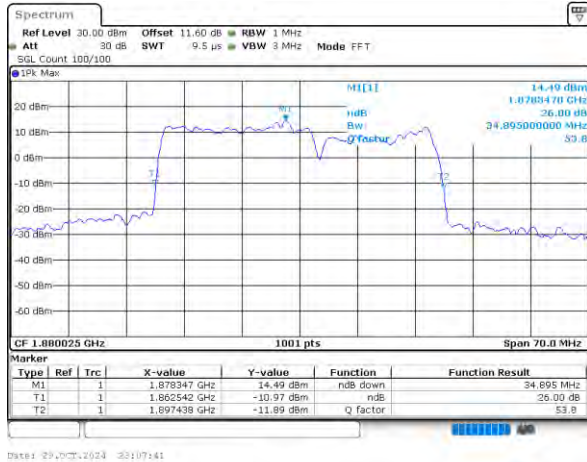
Middle Channel / 20MHz+5MHz



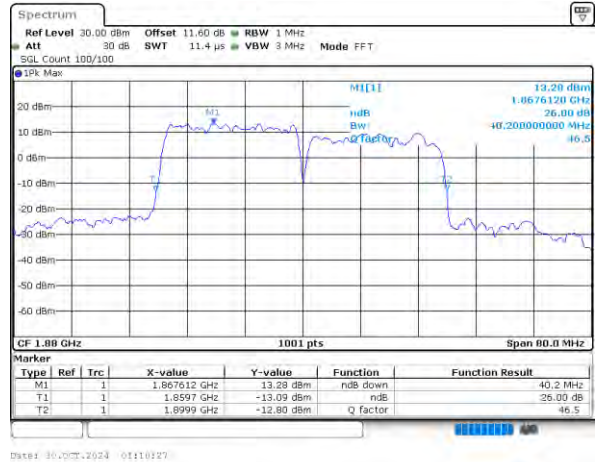
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 2C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.40	23.28	28.04	23.47	28.68
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.74	23.31	28.07	32.87	37.72

Mode	LTE Band 2C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.39	28.06	23.70	28.74
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.08	23.15	27.99	32.56	37.83

Mode	LTE Band 2C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.38	27.90	23.55	28.21
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.00	23.34	27.94	33.01	37.62

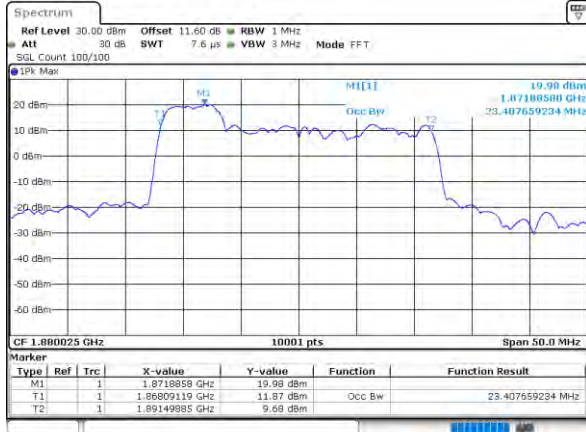
Mode	LTE Band 2C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.20	23.29	27.95	23.36	28.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.67	23.34	28.03	33.18	37.77



LTE Band 2C

QPSK

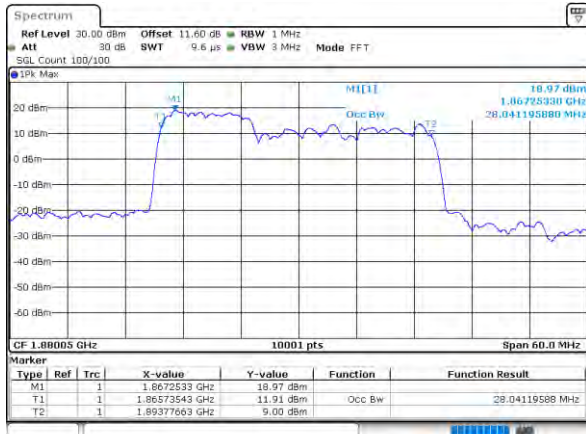
Middle Channel / 5MHz+20MHz



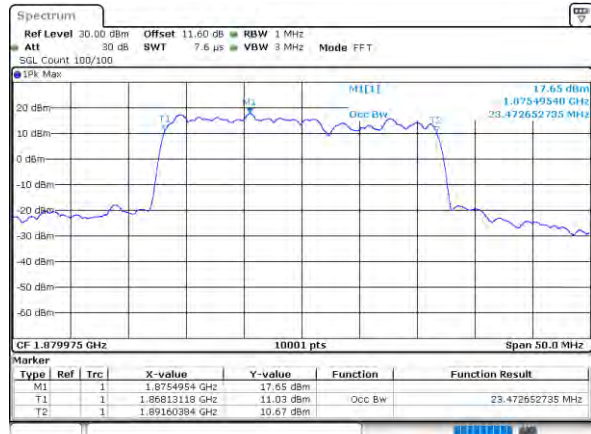
Middle Channel / 10MHz+15MHz



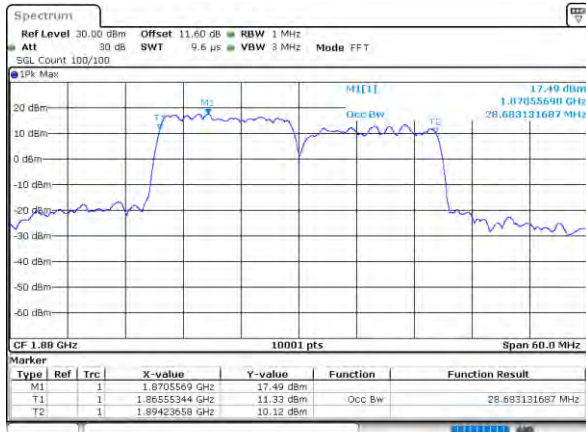
Middle Channel / 10MHz+20MHz



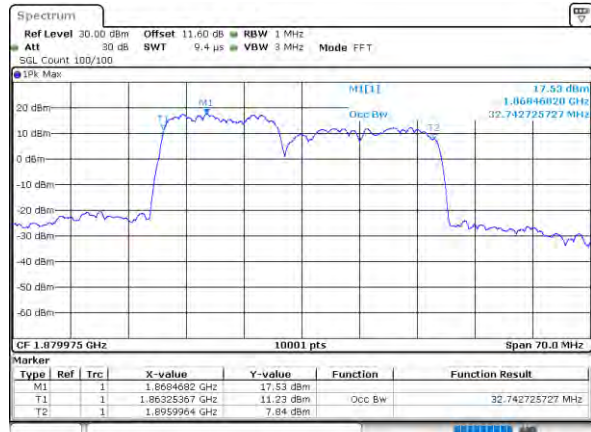
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

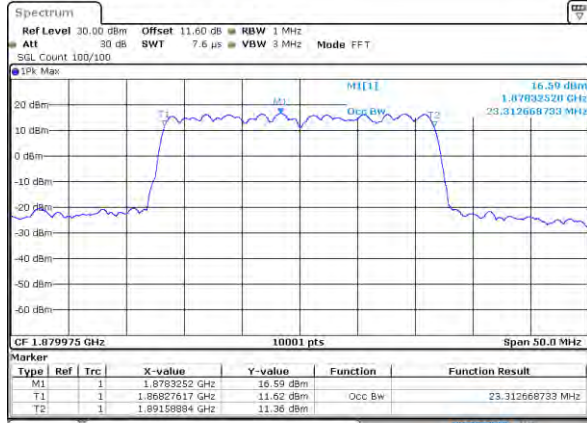




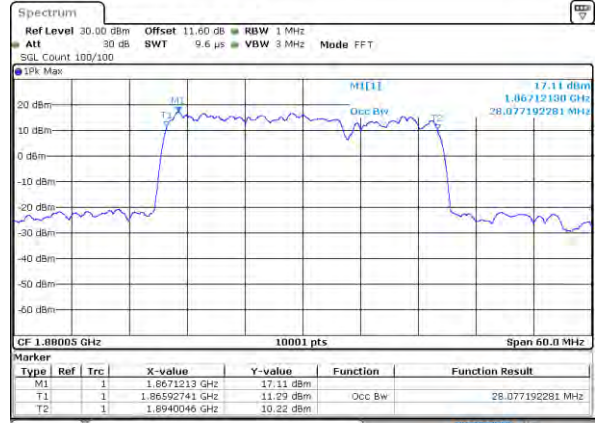
LTE Band 2C

QPSK

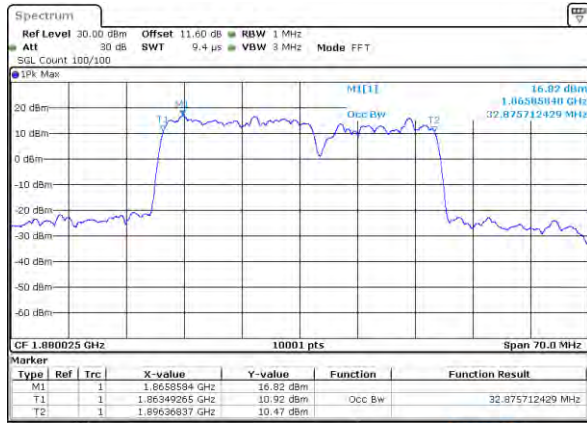
Middle Channel / 20MHz+5MHz



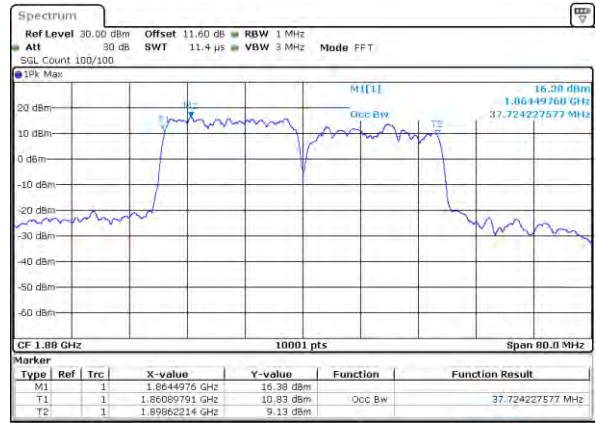
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

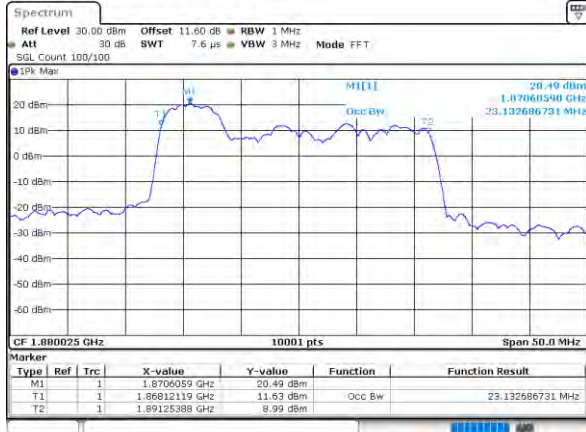




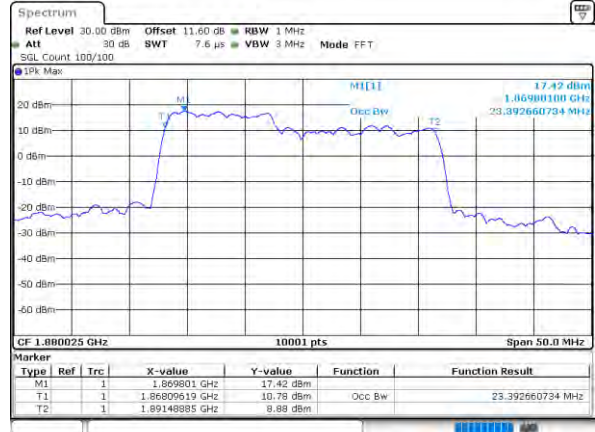
LTE Band 2C

16QAM

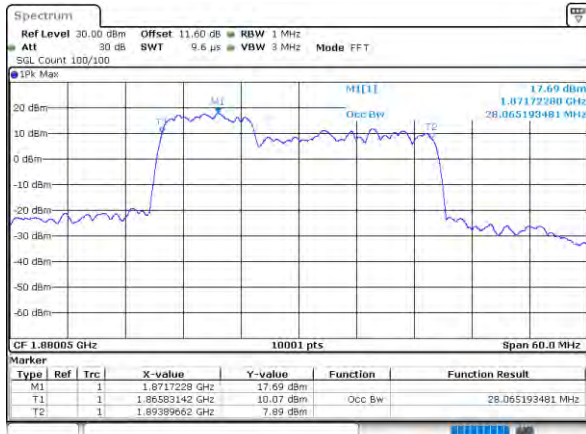
Middle Channel / 5MHz+20MHz



Middle Channel / 10MHz+15MHz



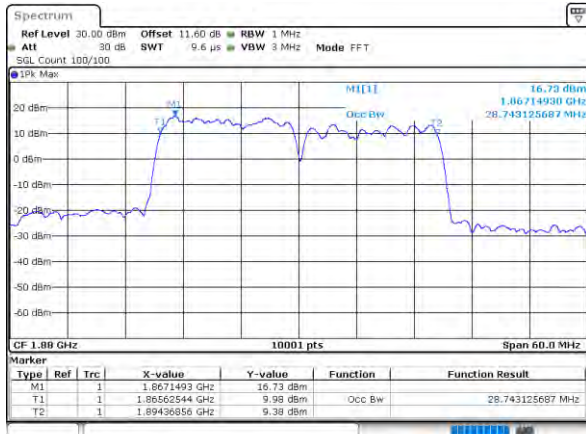
Middle Channel / 10MHz+20MHz



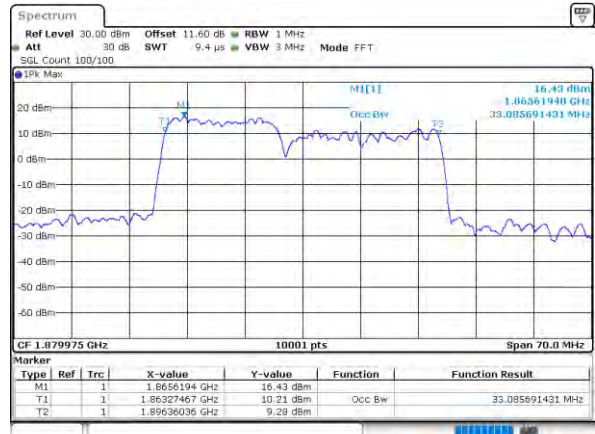
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

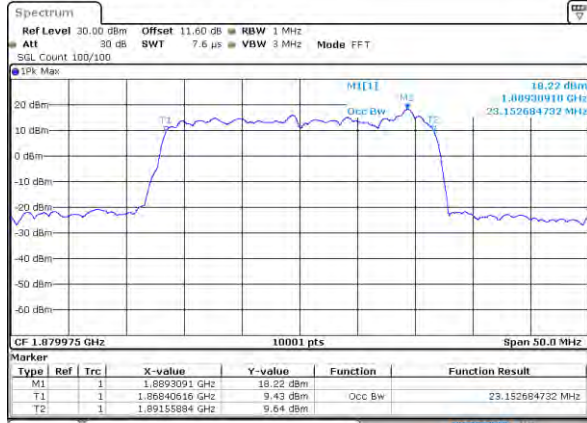




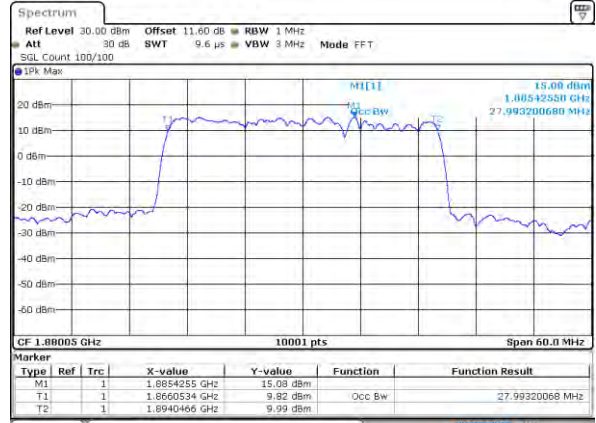
LTE Band 2C

16QAM

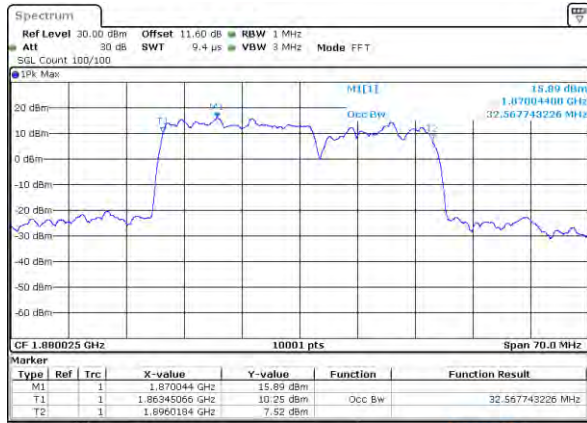
Middle Channel / 20MHz+5MHz



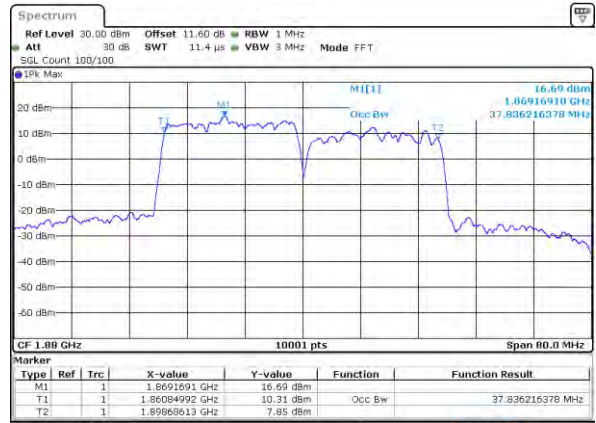
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

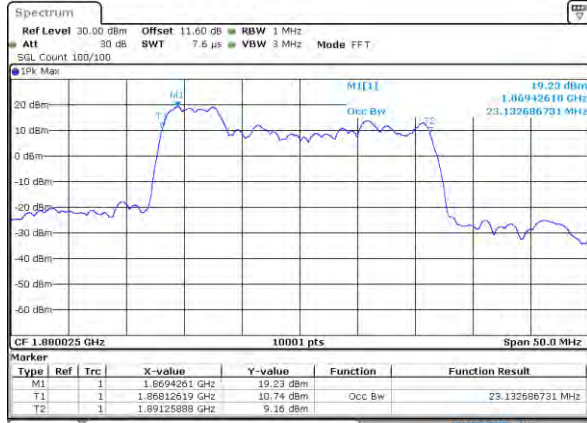




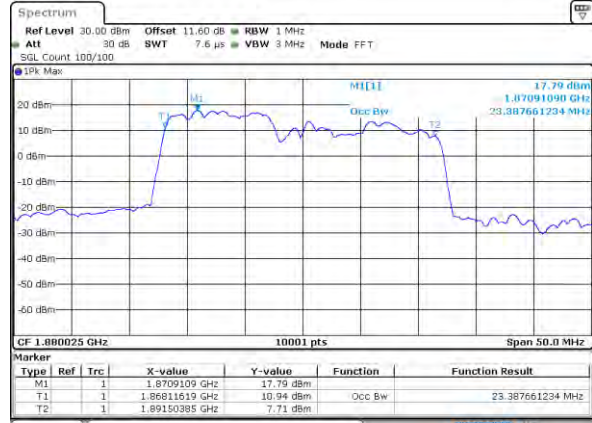
LTE Band 2C

64QAM

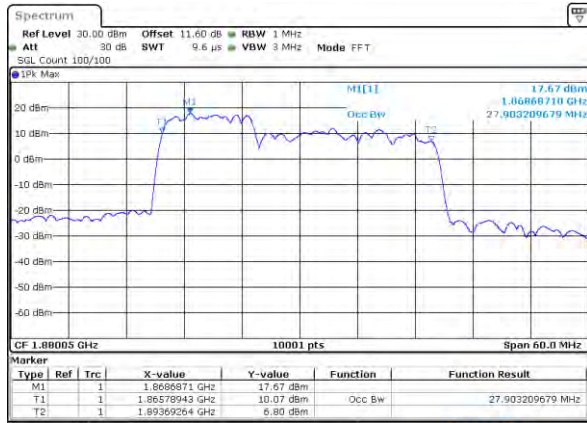
Middle Channel / 5MHz+20MHz



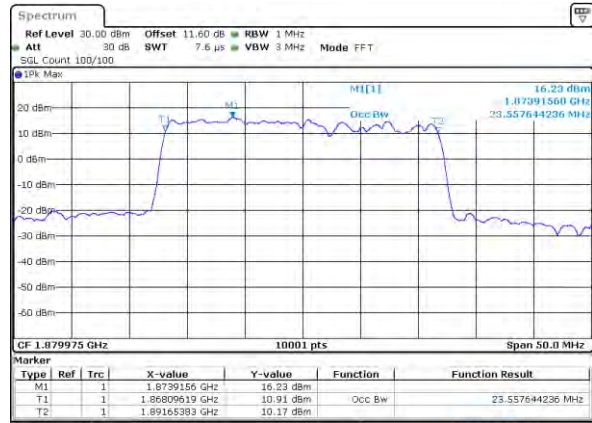
Middle Channel / 10MHz+15MHz



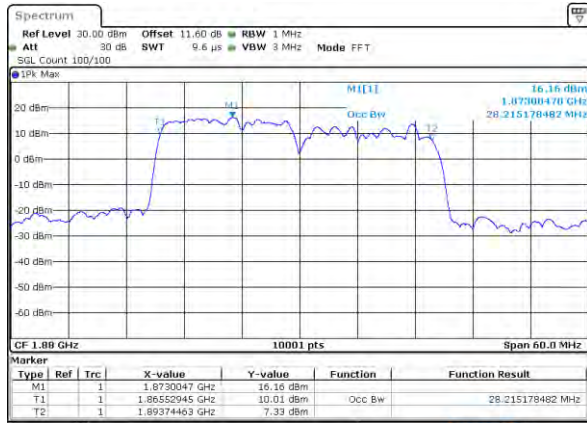
Middle Channel / 10MHz+20MHz



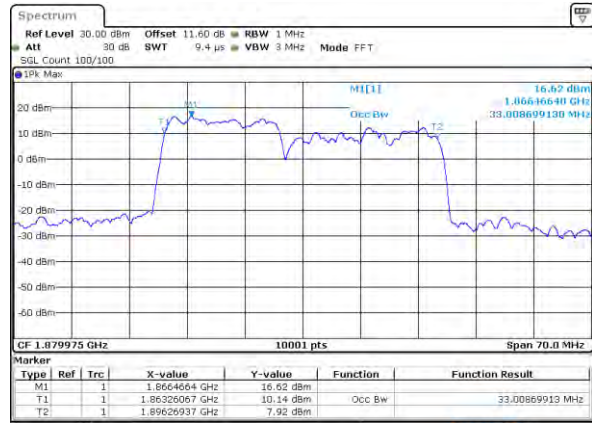
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

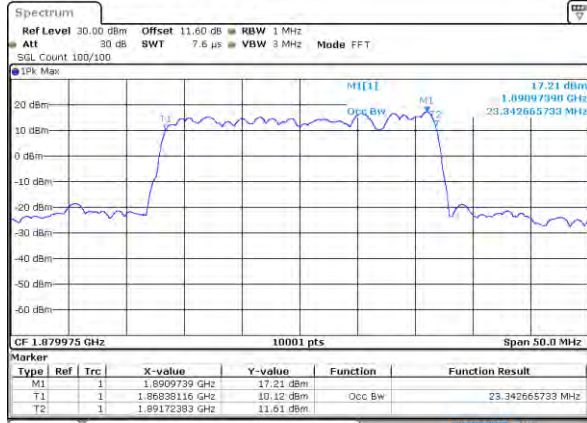




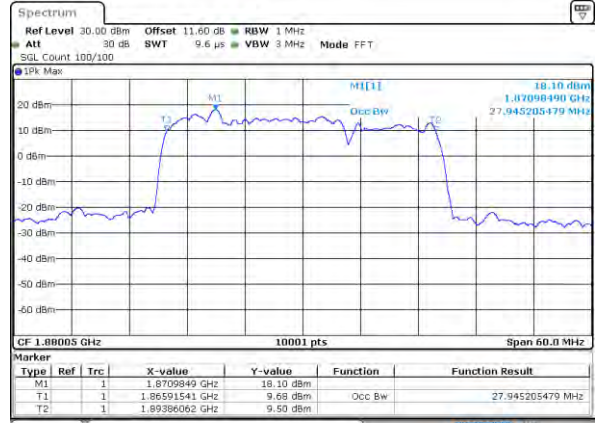
LTE Band 2C

64QAM

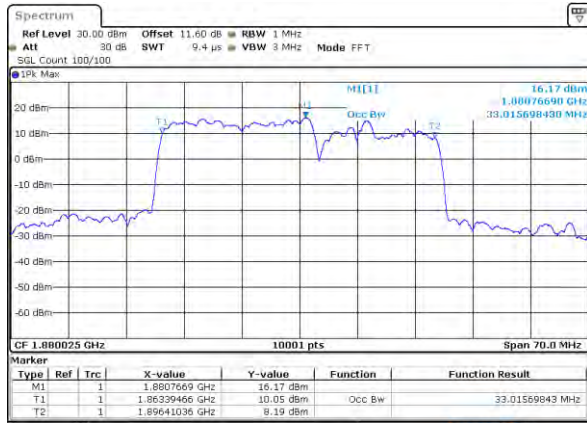
Middle Channel / 20MHz+5MHz



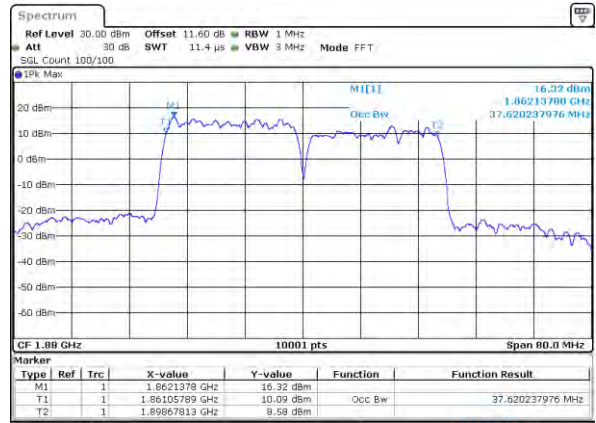
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

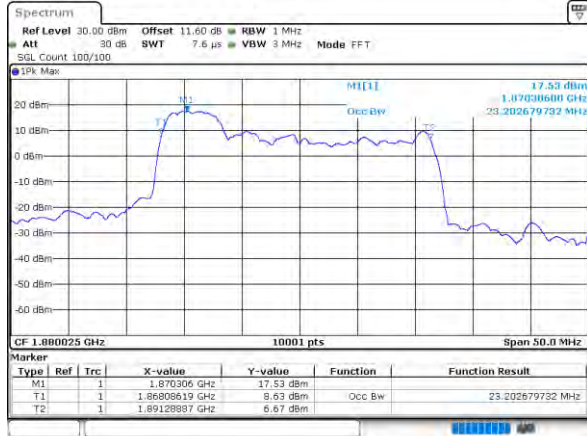




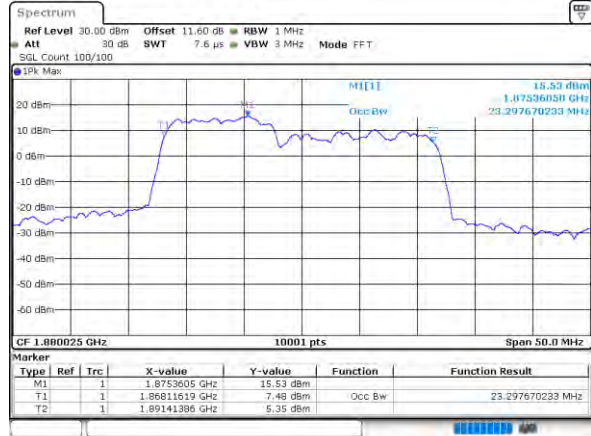
LTE Band 2C

256QAM

Middle Channel / 5MHz+20MHz



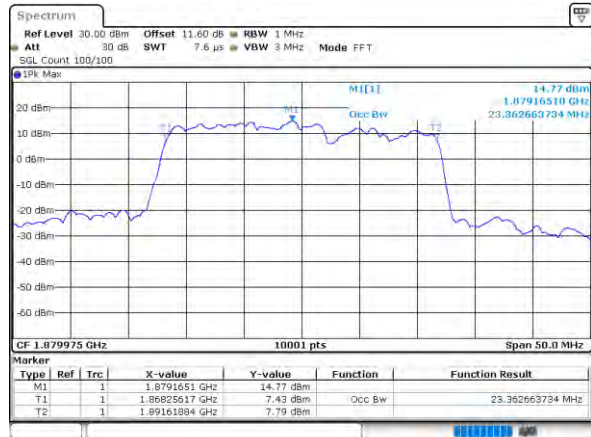
Middle Channel / 10MHz+15MHz



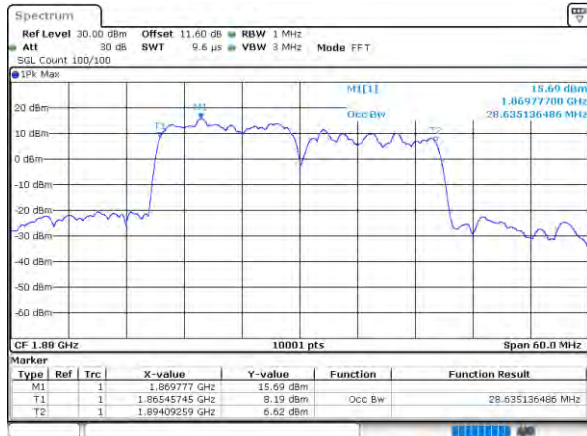
Middle Channel / 10MHz+20MHz



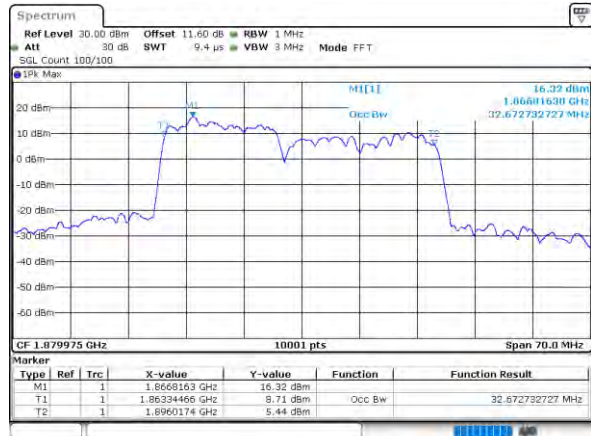
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

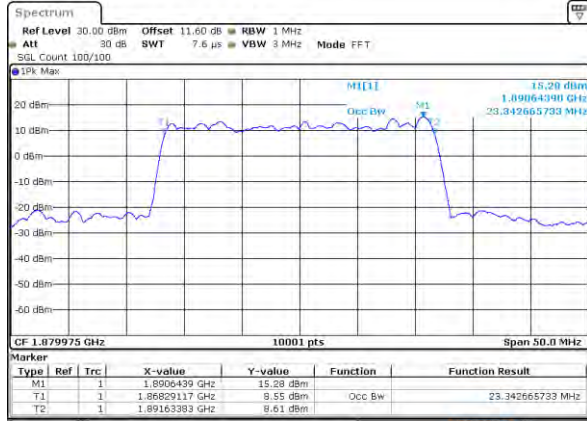




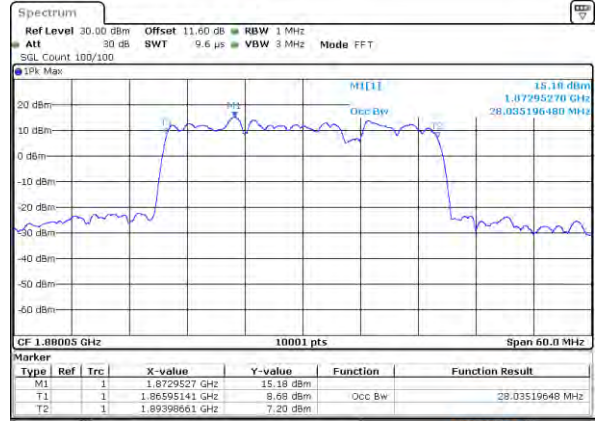
LTE Band 2C

256QAM

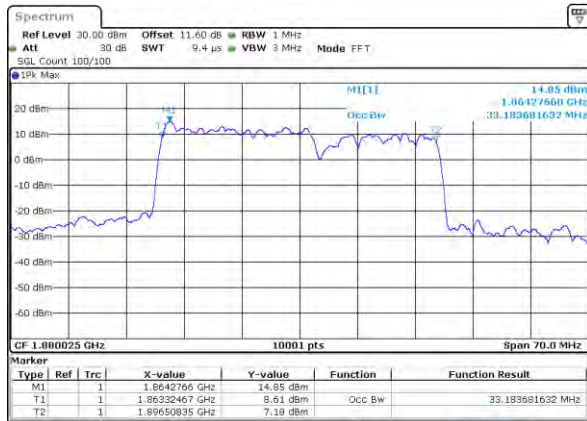
Middle Channel / 20MHz+5MHz



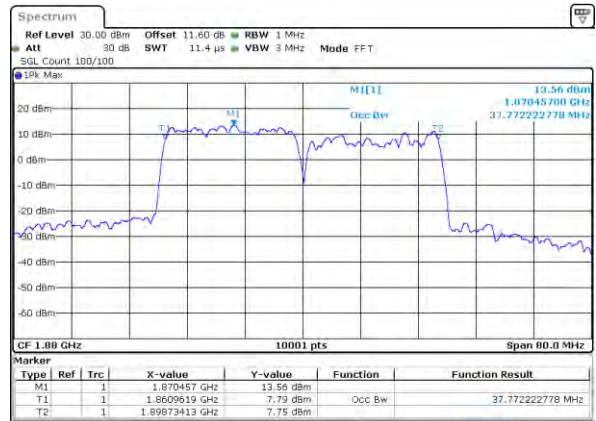
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz





Conducted Band Edge

LTE Band 2C / 5MHz+20MHz

QPSK

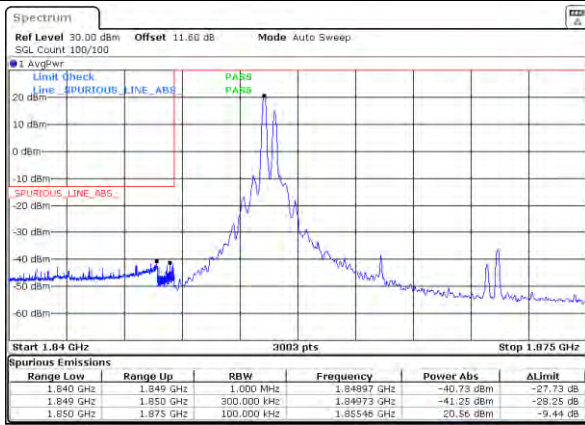
Lowest Band Edge / 1RB0 and 1RB99



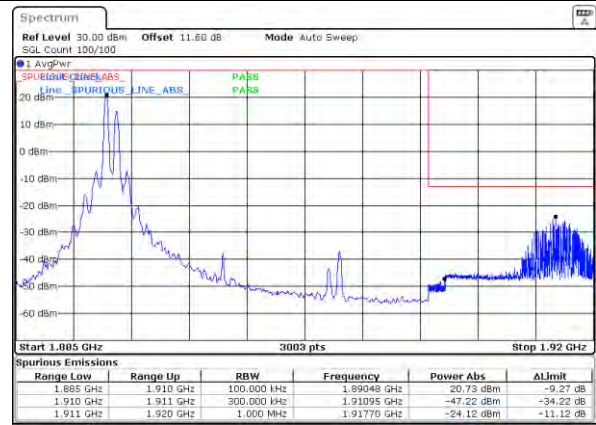
Highest Band Edge / 1RB0 and 1RB99



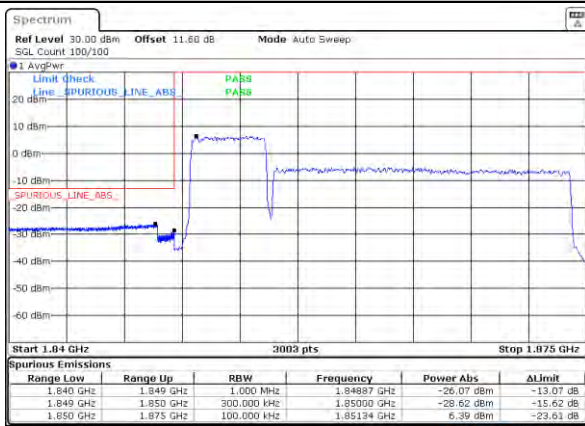
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

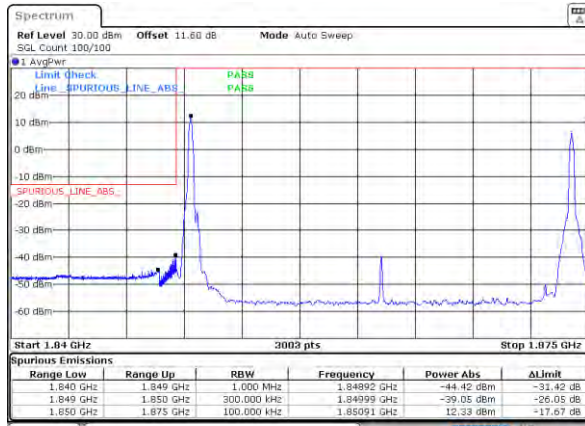




LTE Band 2C / 10MHz+15MHz

QPSK

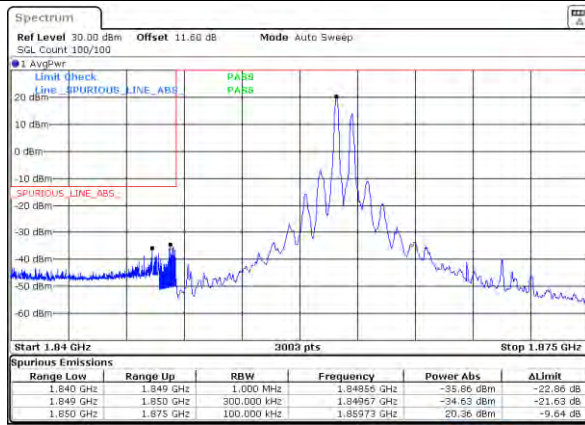
Lowest Band Edge / 1RB0 and 1RB74



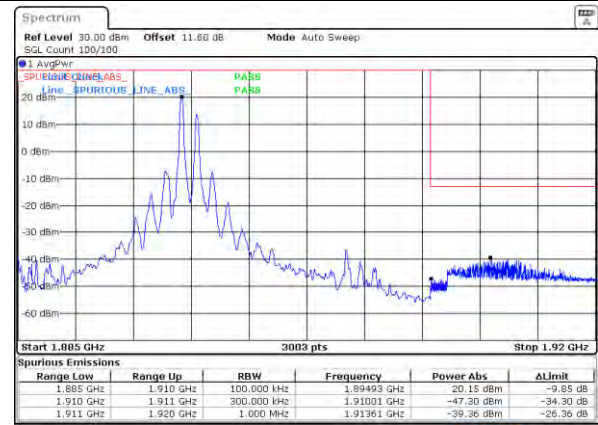
Highest Band Edge / 1RB0 and 1RB74



Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

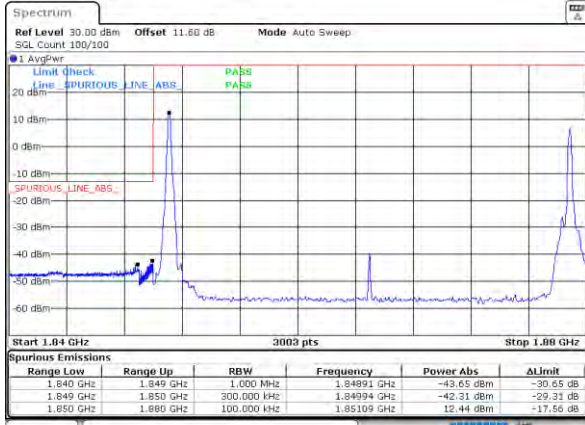




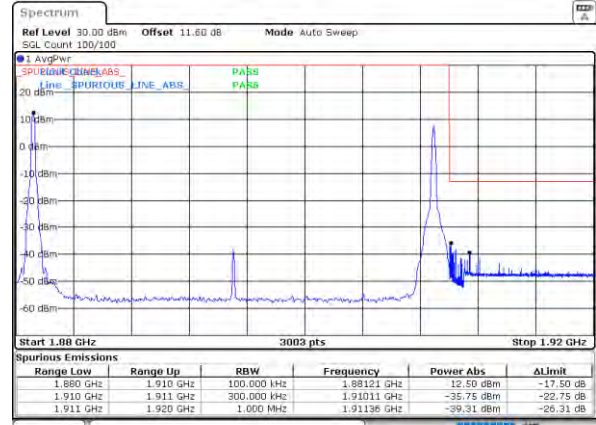
LTE Band 2C / 10MHz+20MHz

QPSK

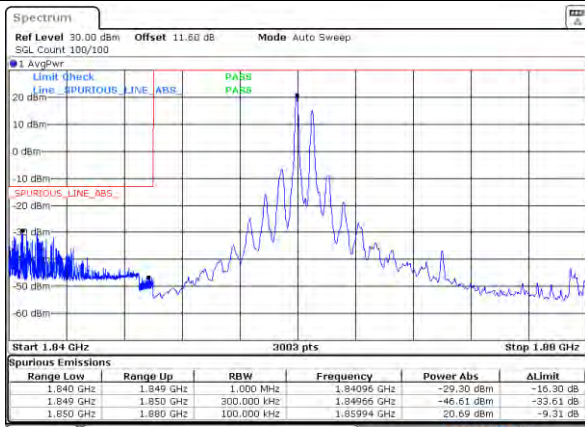
Lowest Band Edge / 1RB0 and 1RB99



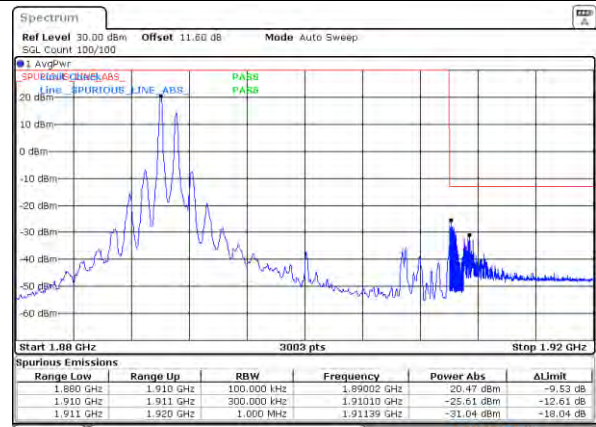
Highest Band Edge / 1RB0 and 1RB99



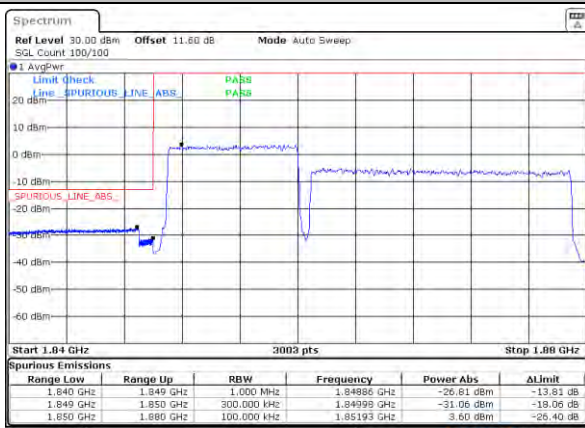
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

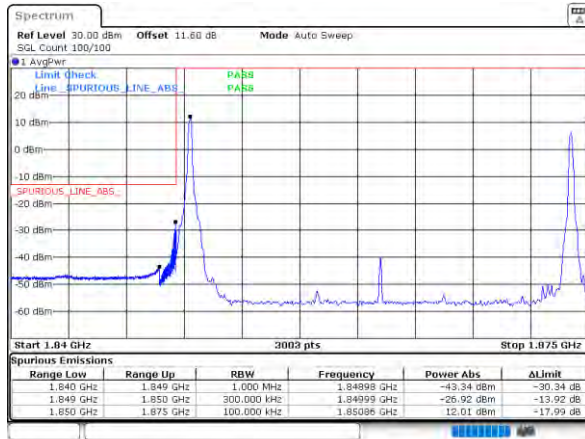




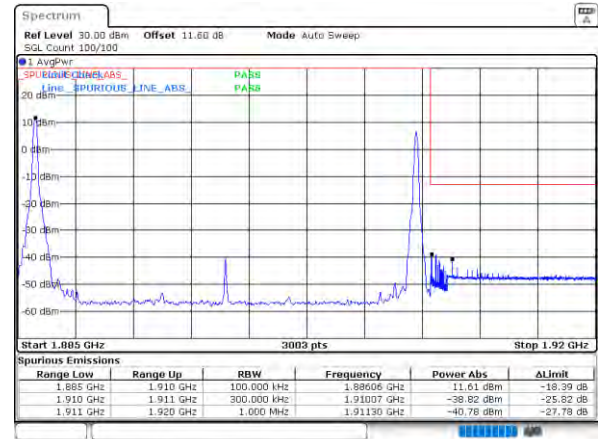
LTE Band 2C / 15MHz+10MHz

QPSK

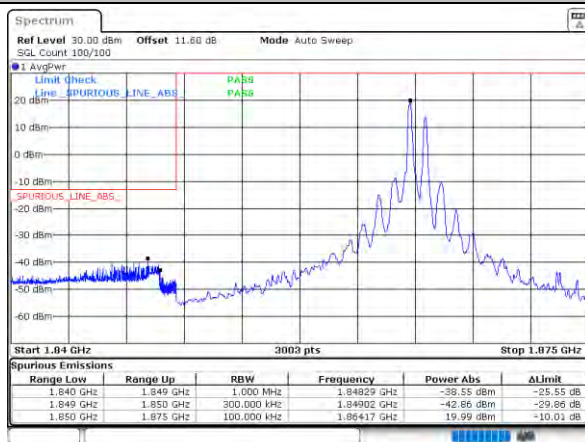
Lowest Band Edge / 1RB0 and 1RB49



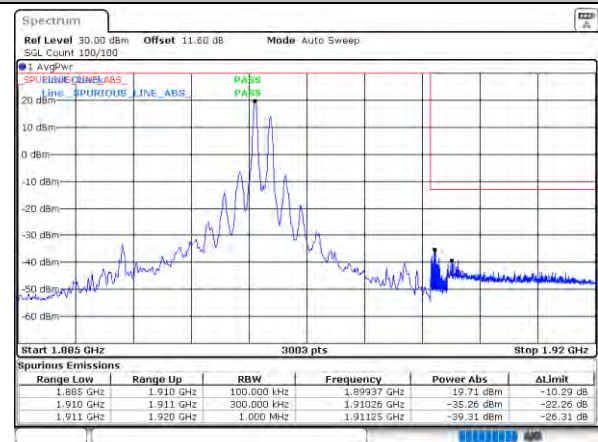
Highest Band Edge / 1RB0 and 1RB49



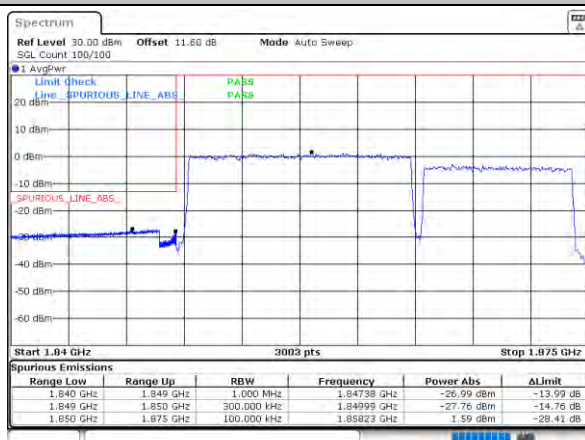
Lowest Band Edge / 1RB74 and 1RB0



Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

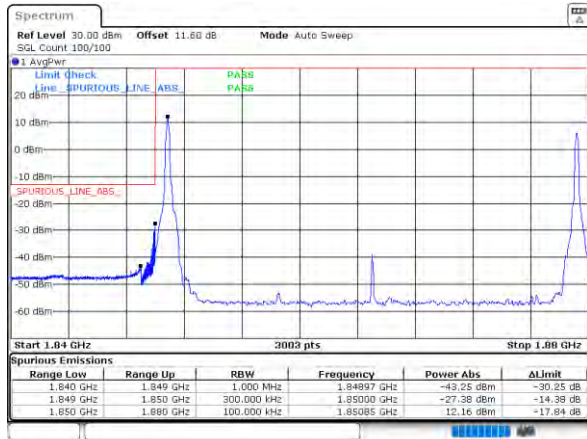




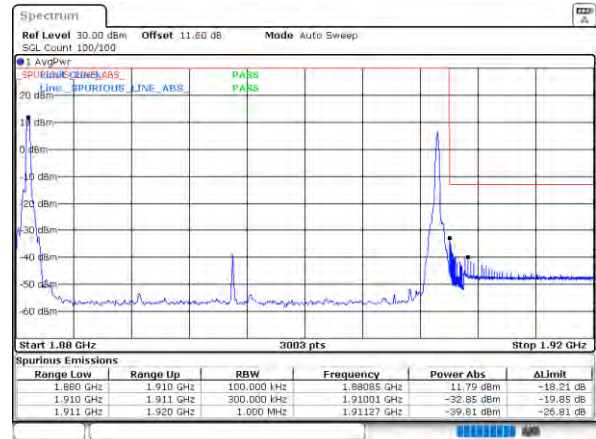
LTE Band 2C / 15MHz+15MHz

QPSK

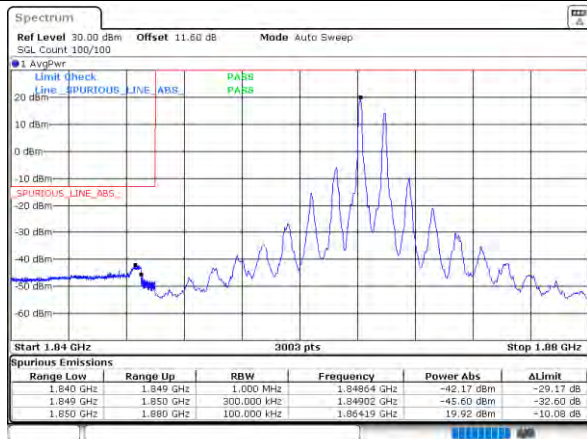
Lowest Band Edge / 1RB0 and 1RB74



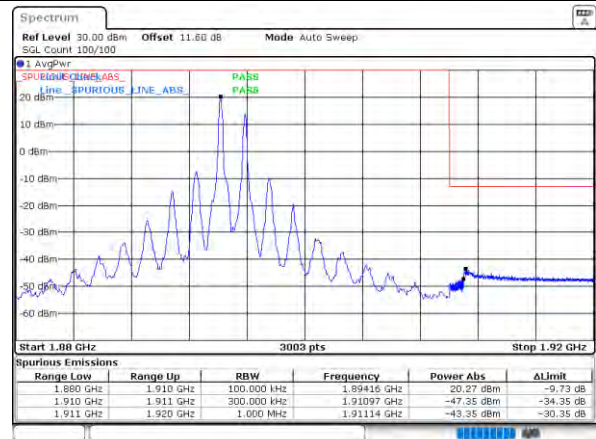
Highest Band Edge / 1RB0 and 1RB74



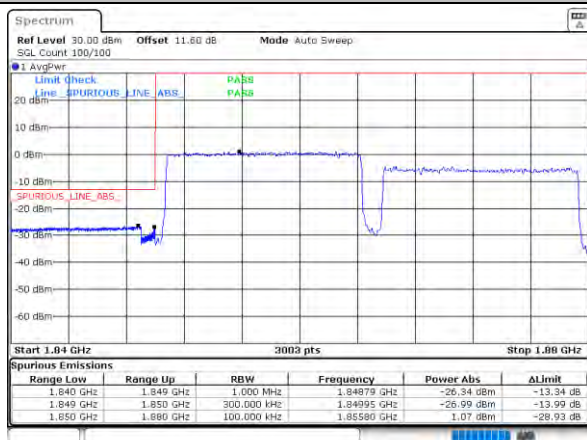
Lowest Band Edge / 1RB74 and 1RB0



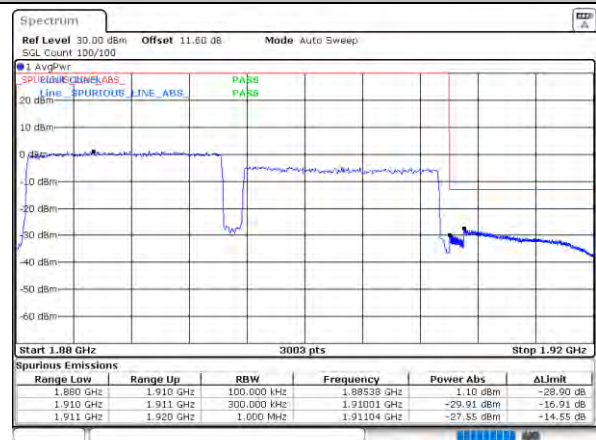
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

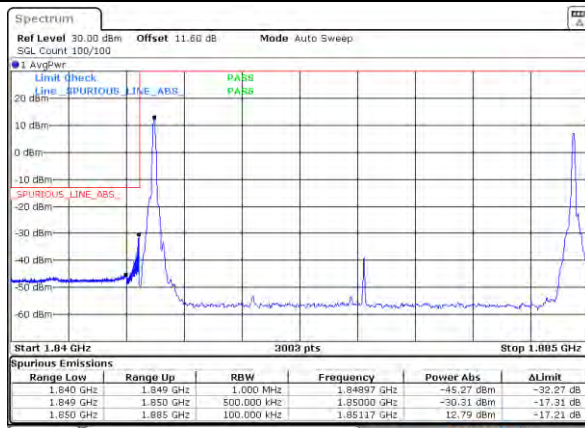




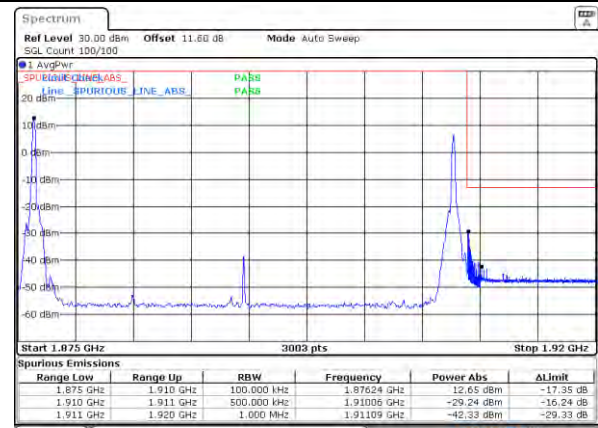
LTE Band 2C / 15MHz+20MHz

QPSK

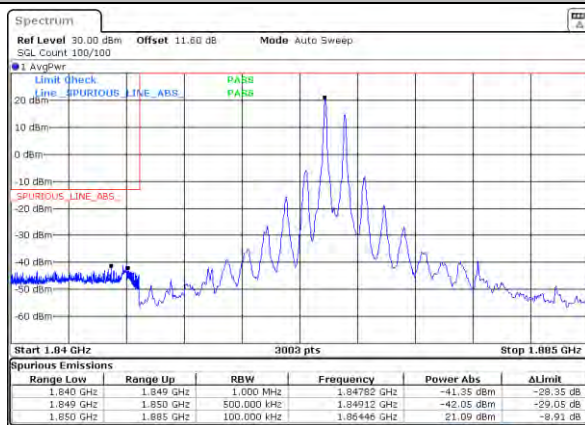
Lowest Band Edge / 1RB0 and 1RB99



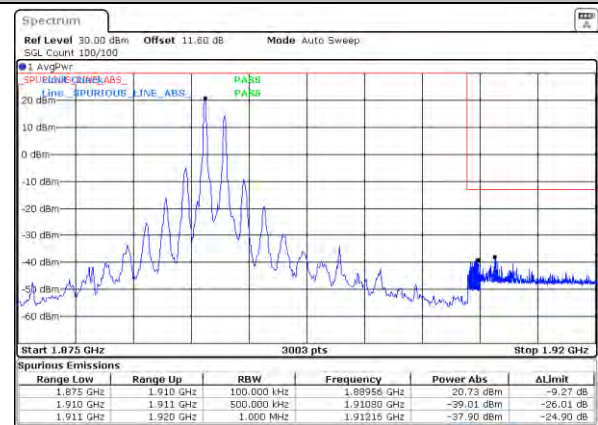
Highest Band Edge / 1RB0 and 1RB99



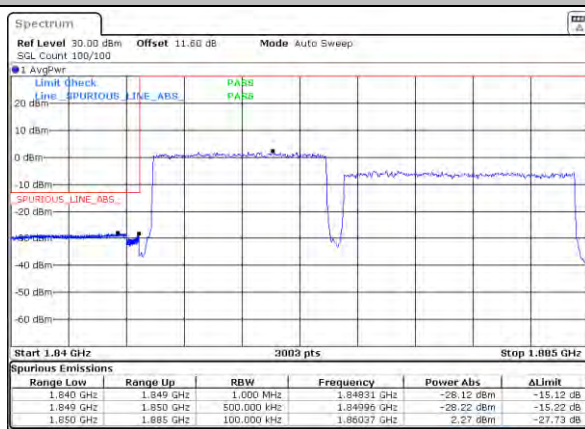
Lowest Band Edge / 1RB74 and 1RB0



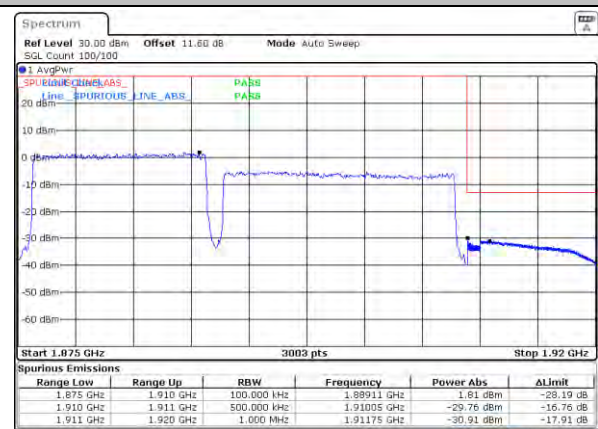
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

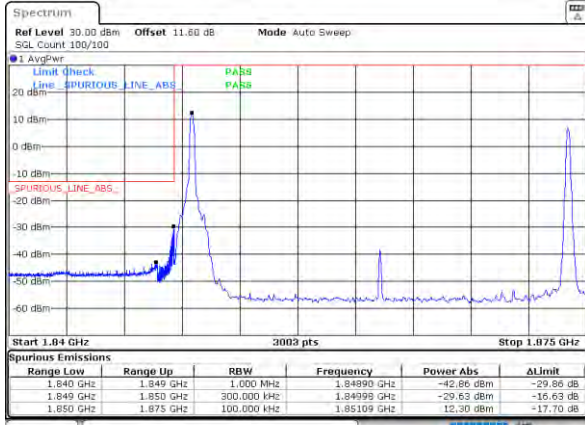




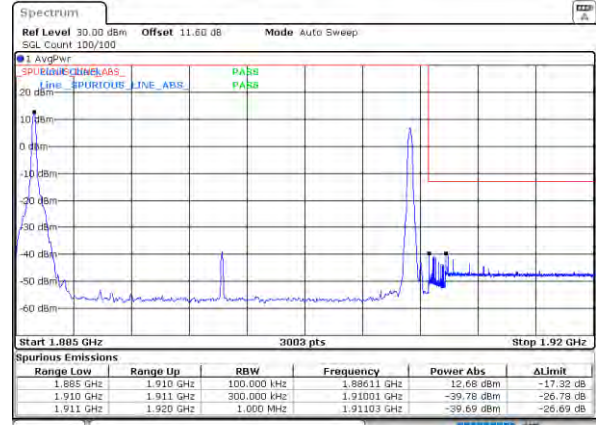
LTE Band 2C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24



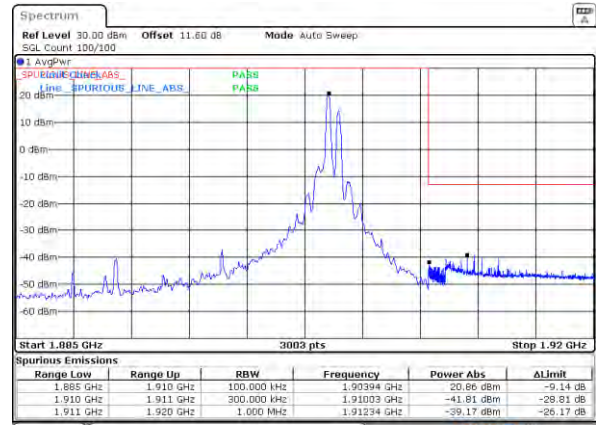
Highest Band Edge / 1RB0 and 1RB24



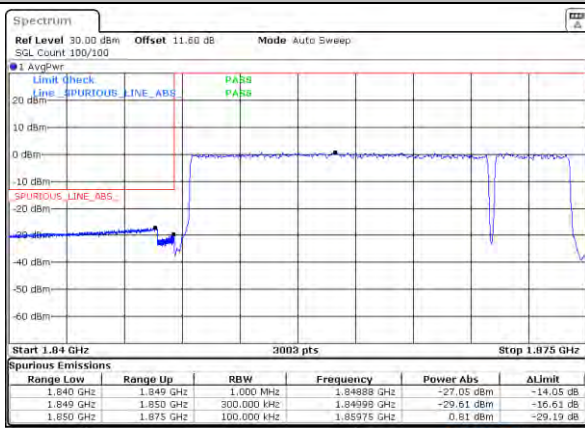
Lowest Band Edge / 1RB99 and 1RB0



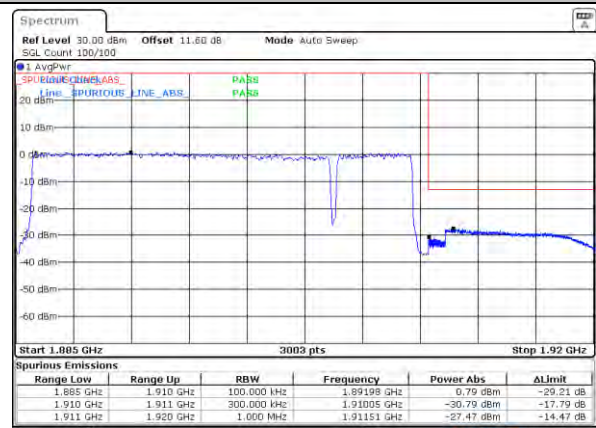
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

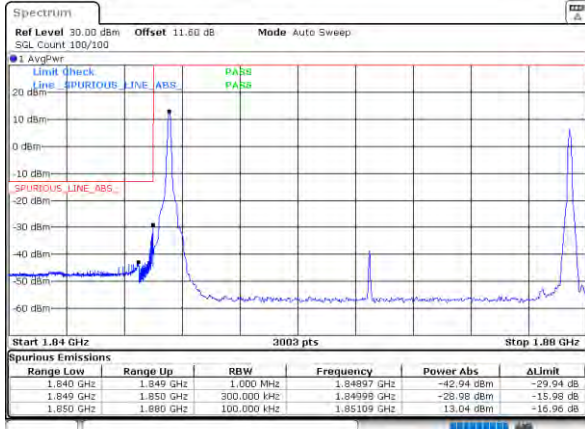




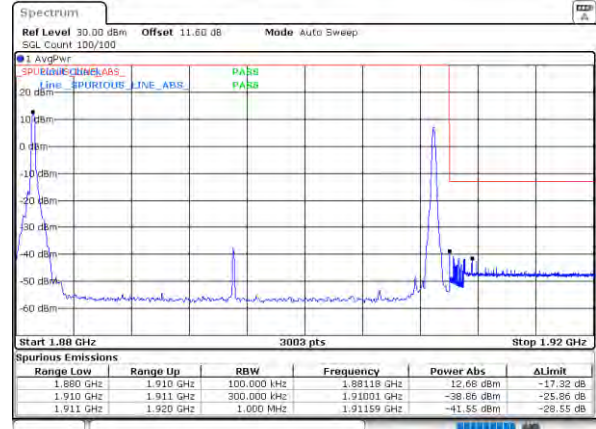
LTE Band 2C / 20MHz+10MHz

QPSK

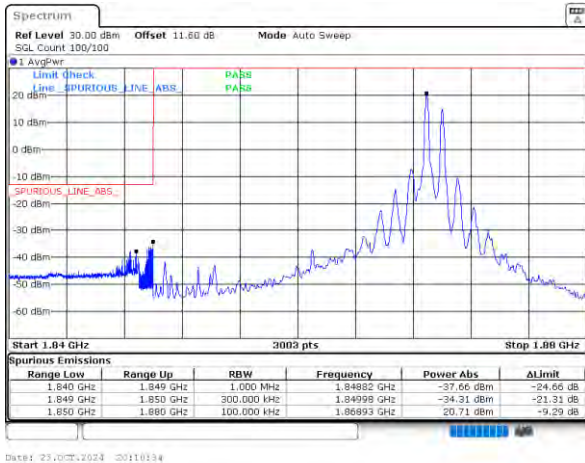
Lowest Band Edge / 1RB0 and 1RB49



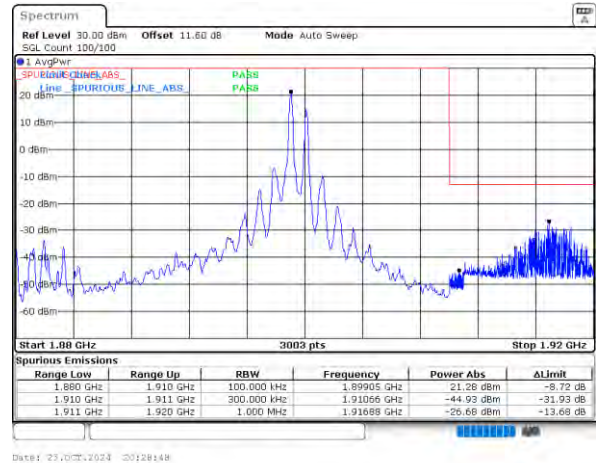
Highest Band Edge / 1RB0 and 1RB49



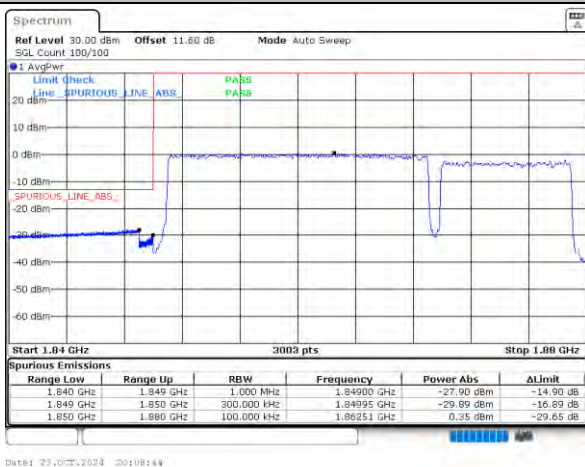
Lowest Band Edge / 1RB99 and 1RB0



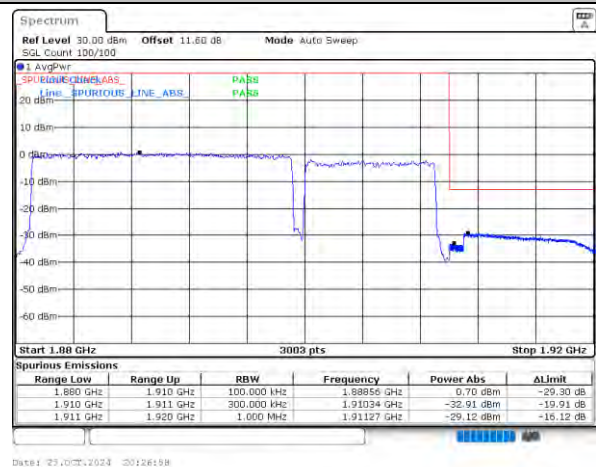
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

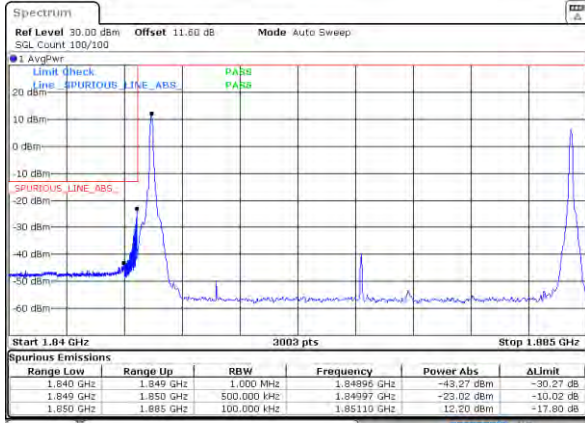




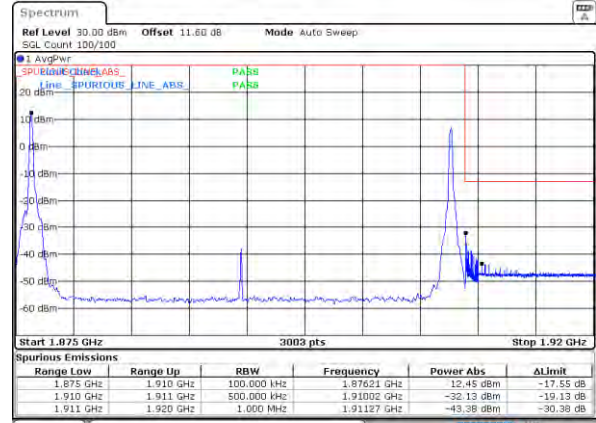
LTE Band 2C / 20MHz+15MHz

QPSK

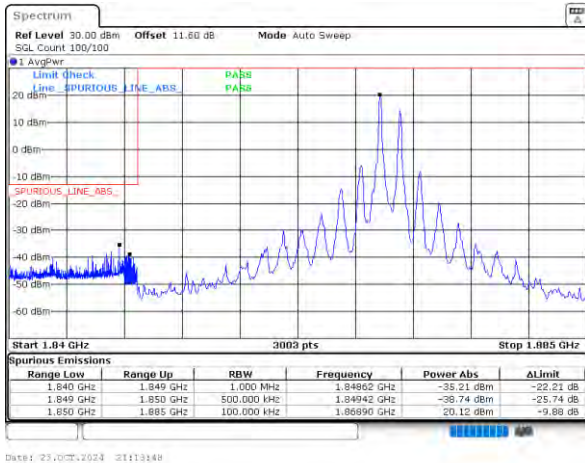
Lowest Band Edge / 1RB0 and 1RB74



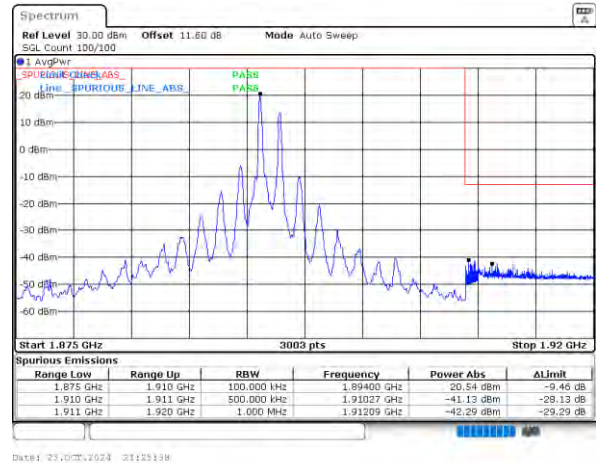
Highest Band Edge / 1RB0 and 1RB74



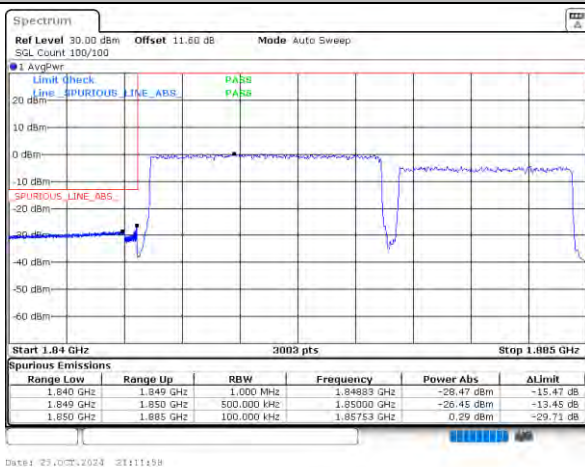
Lowest Band Edge / 1RB99 and 1RB0



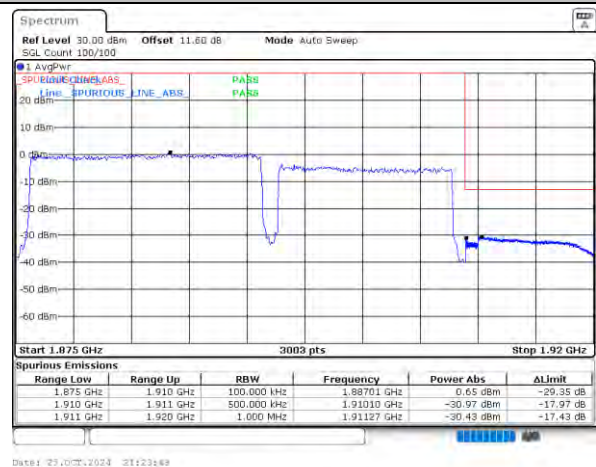
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

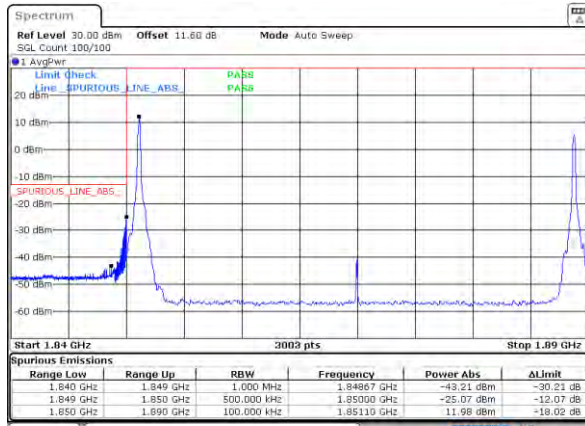




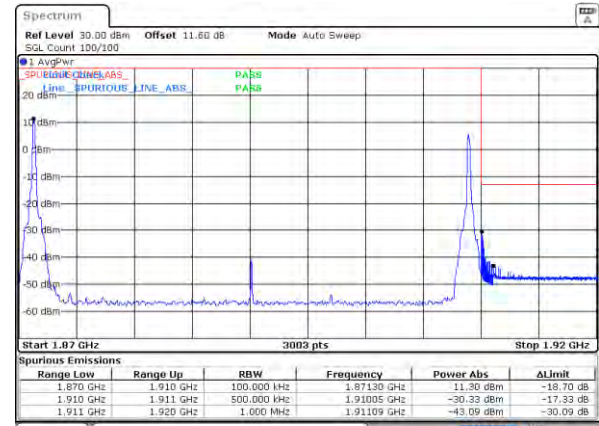
LTE Band 2C / 20MHz+20MHz

QPSK

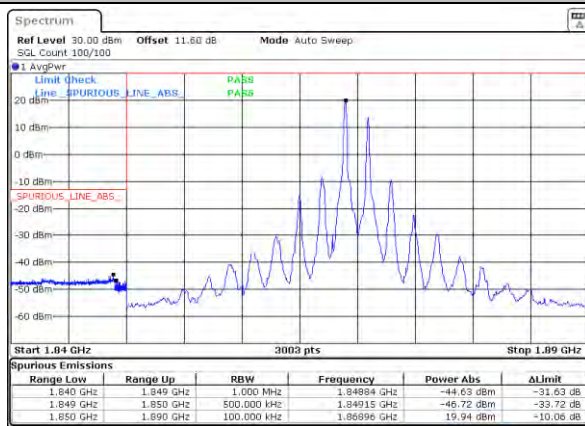
Lowest Band Edge / 1RB0 and 1RB99



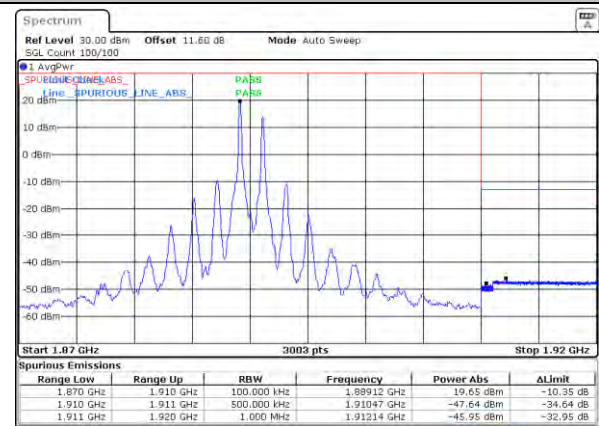
Highest Band Edge / 1RB0 and 1RB99



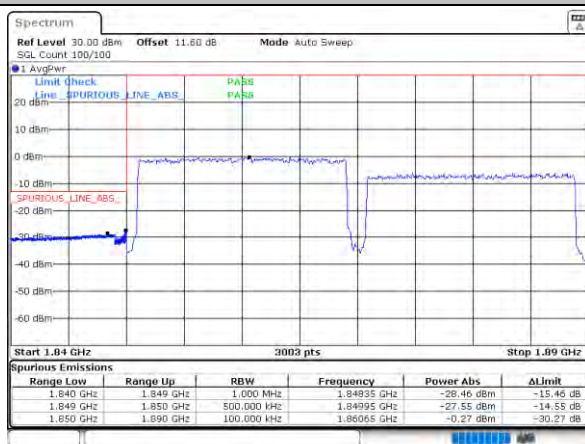
Lowest Band Edge / 1RB99 and 1RB0



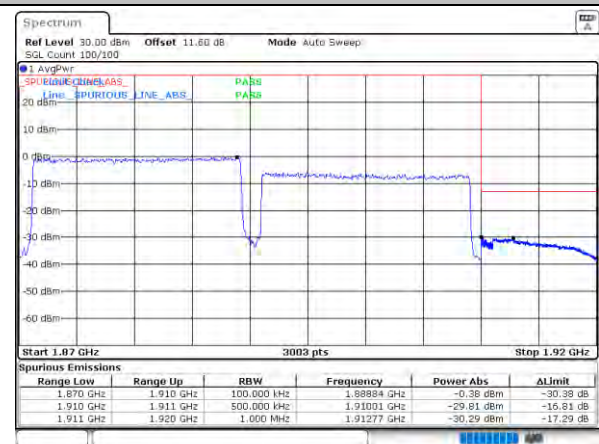
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

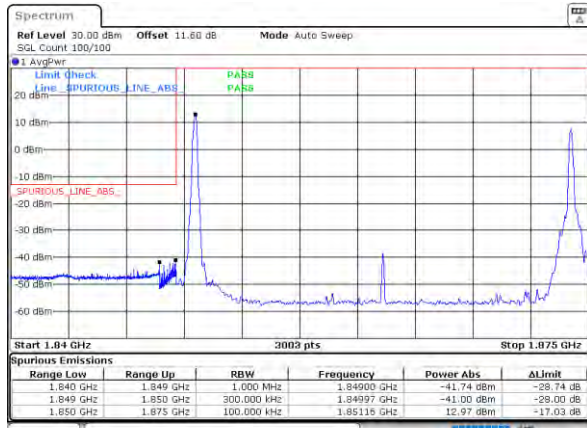




LTE Band 2C / 5MHz+20MHz

16QAM

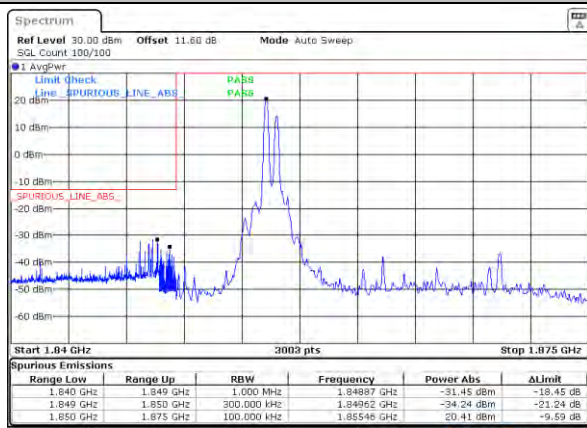
Lowest Band Edge / 1RB0 and 1RB99



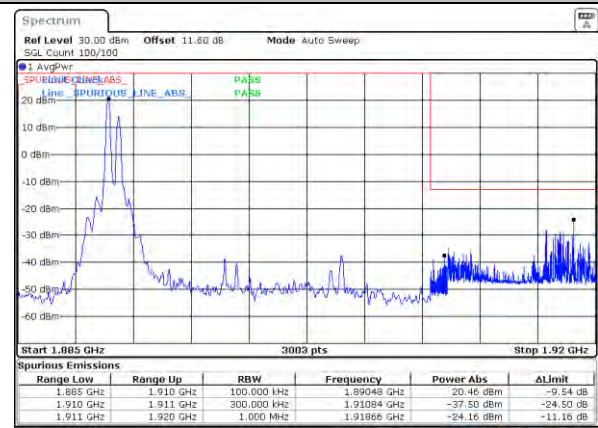
Highest Band Edge / 1RB0 and 1RB99



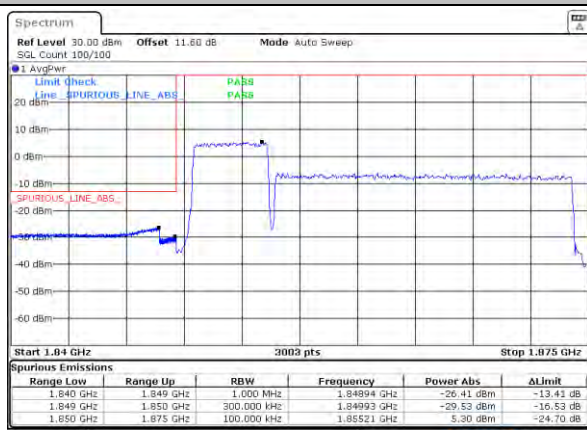
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

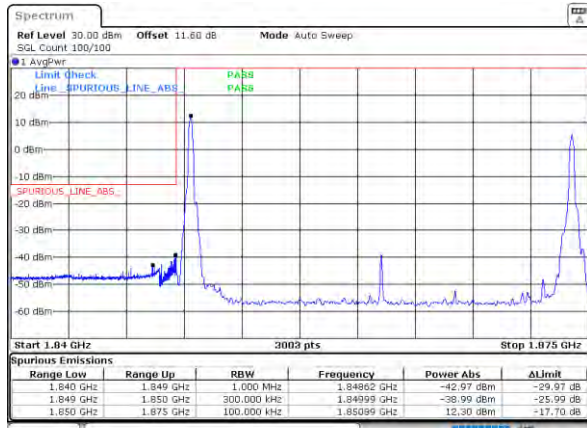




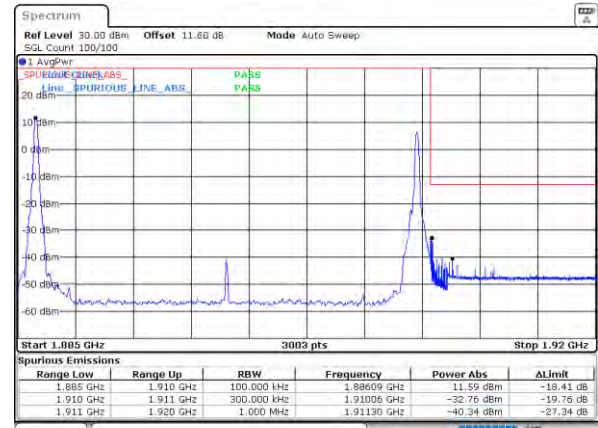
LTE Band 2C / 10MHz+15MHz

16QAM

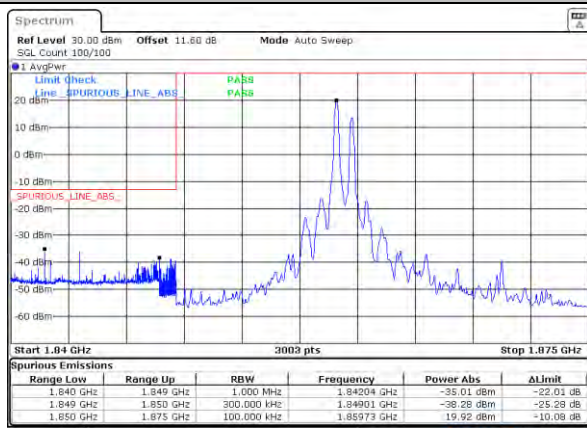
Lowest Band Edge / 1RB0 and 1RB74



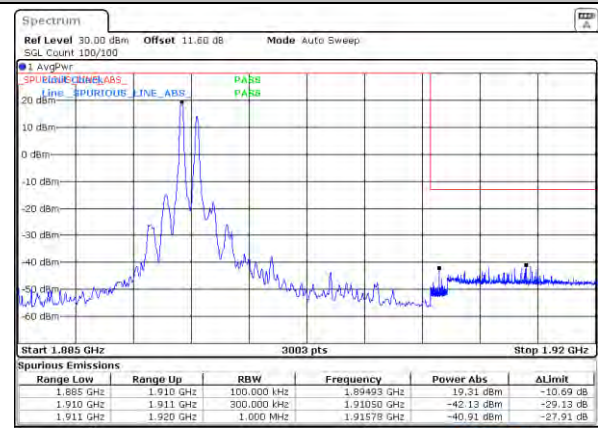
Highest Band Edge / 1RB0 and 1RB74



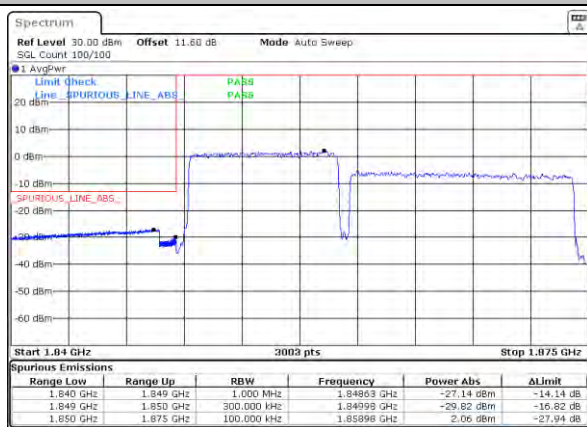
Lowest Band Edge / 1RB49 and 1RB0



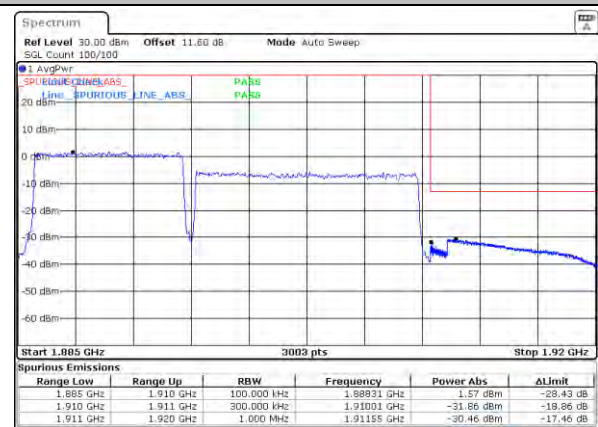
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

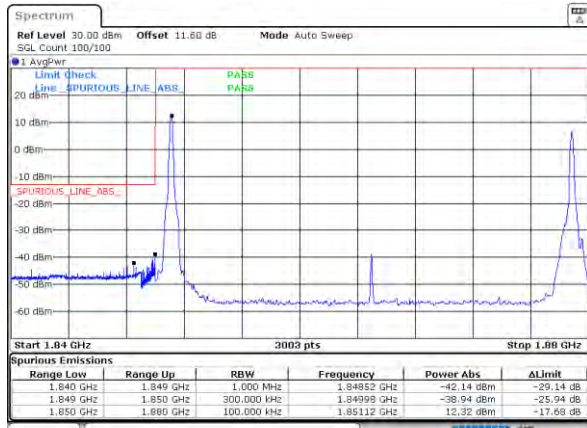




LTE Band 2C / 10MHz+20MHz

16QAM

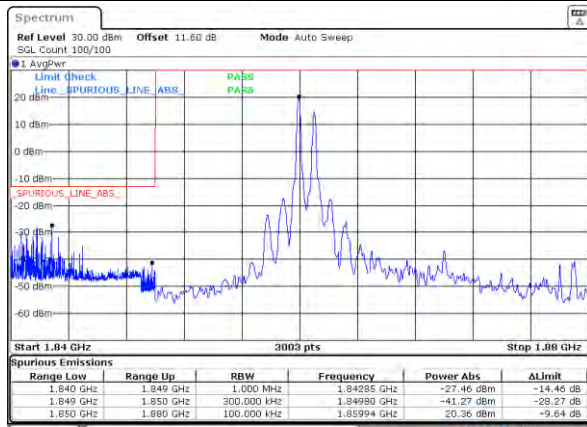
Lowest Band Edge / 1RB0 and 1RB99



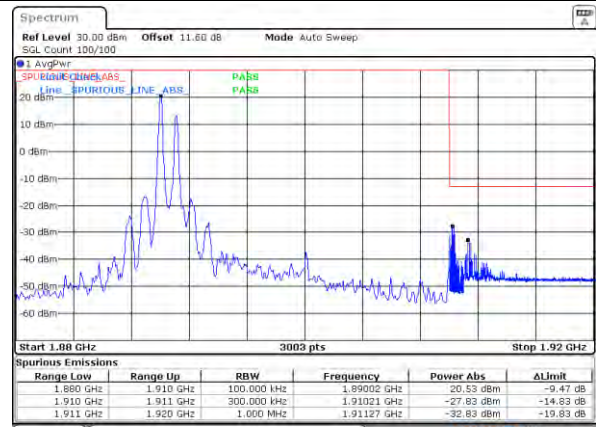
Highest Band Edge / 1RB0 and 1RB99



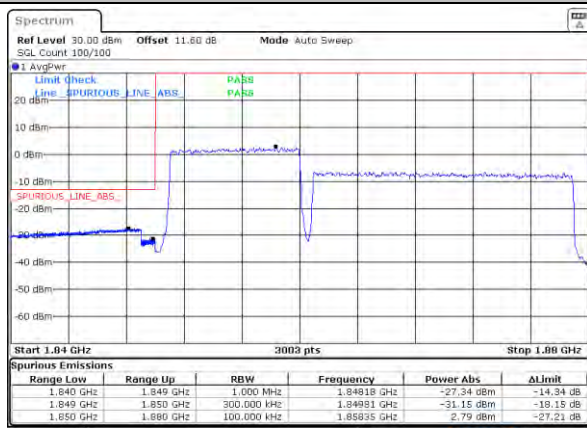
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

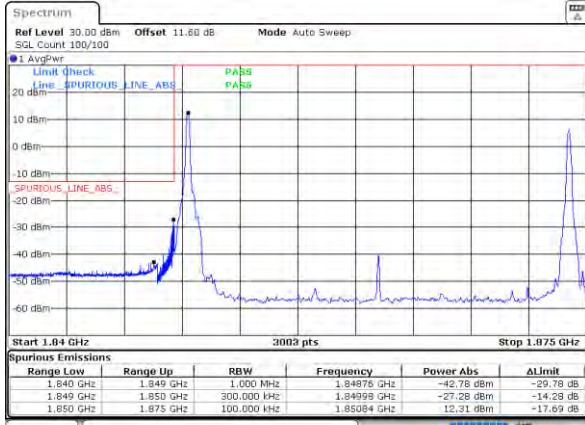




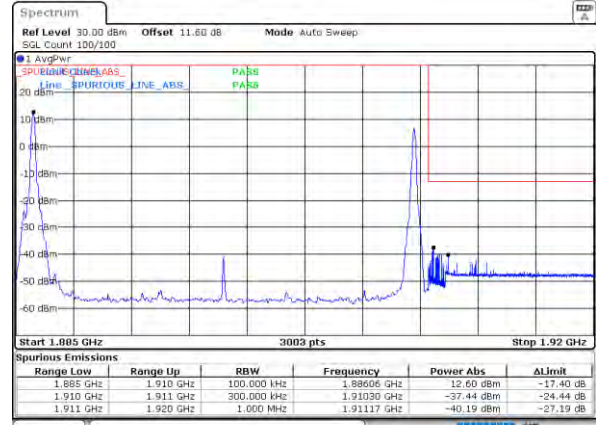
LTE Band 2C / 15MHz+10MHz

16QAM

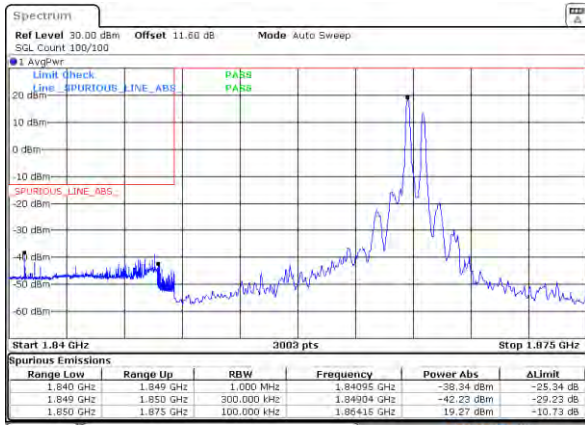
Lowest Band Edge / 1RB0 and 1RB49



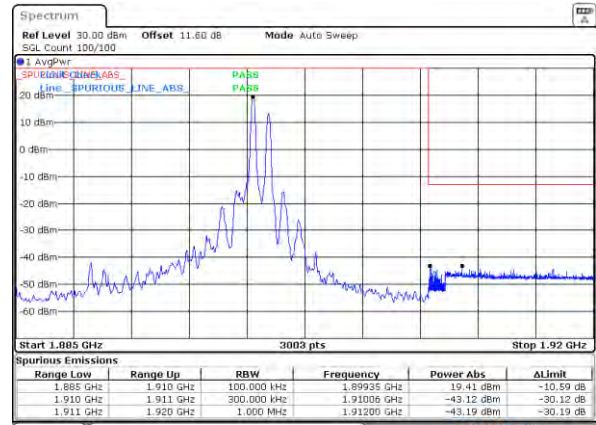
Highest Band Edge / 1RB0 and 1RB49



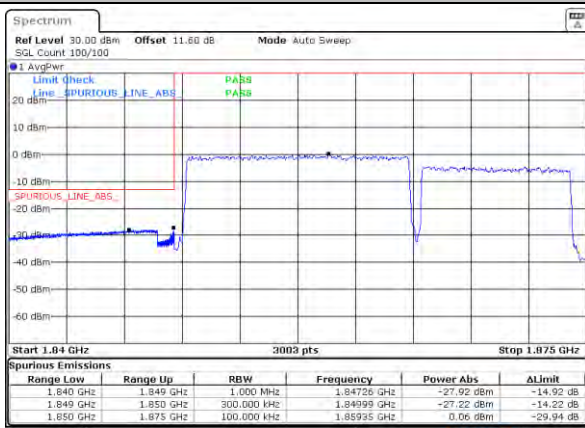
Lowest Band Edge / 1RB74 and 1RB0



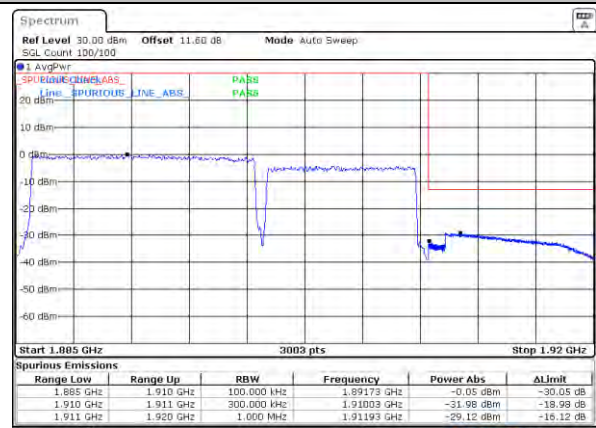
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

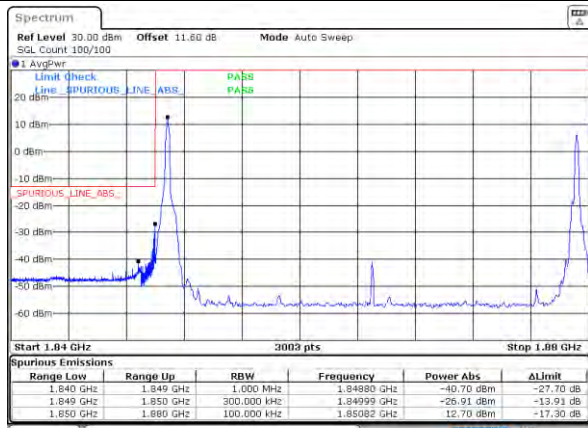




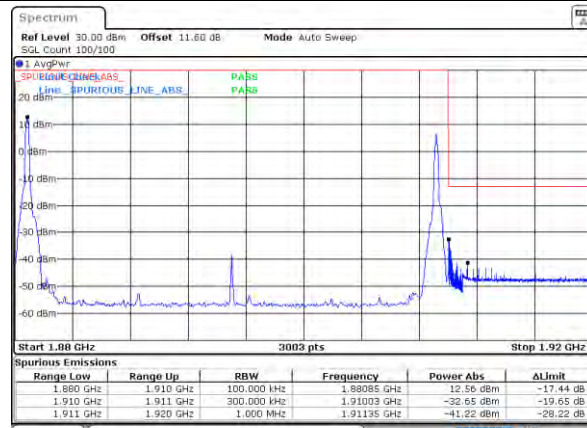
LTE Band 2C / 15MHz+15MHz

16QAM

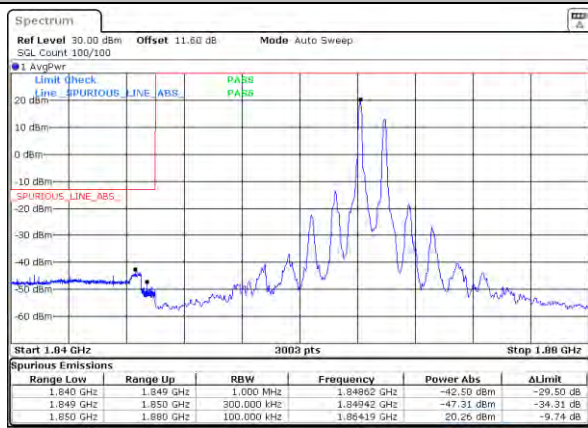
Lowest Band Edge / 1RB0 and 1RB74



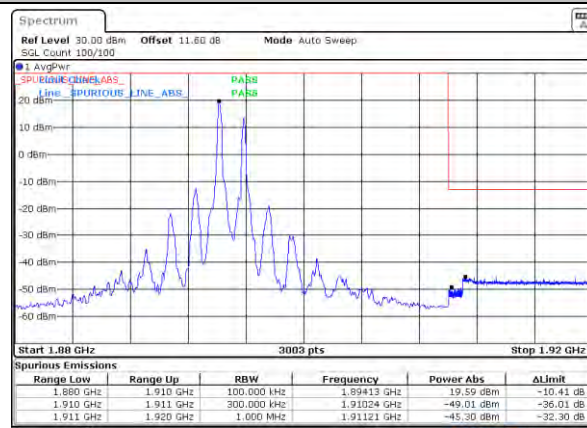
Highest Band Edge / 1RB0 and 1RB74



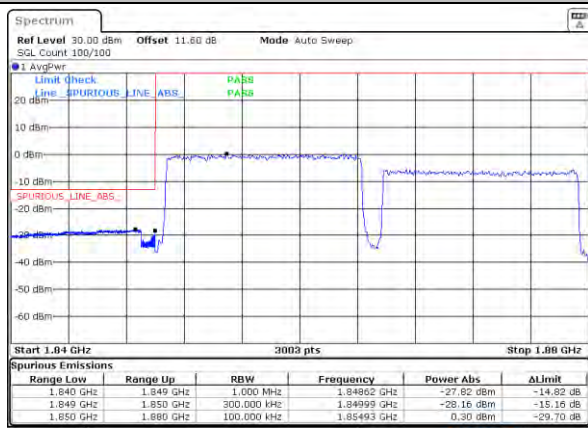
Lowest Band Edge / 1RB74 and 1RB0



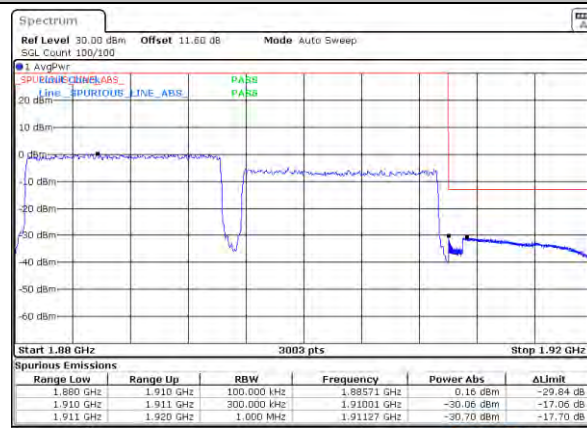
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

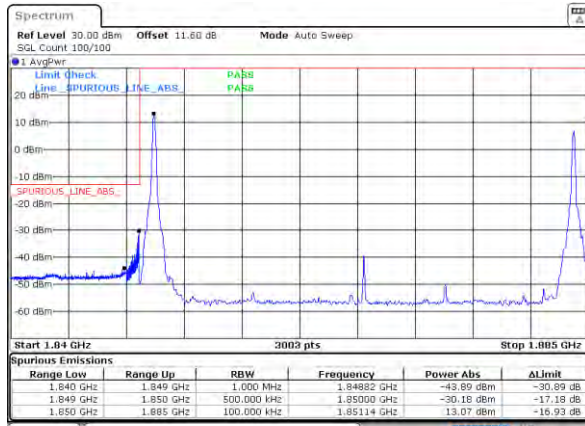




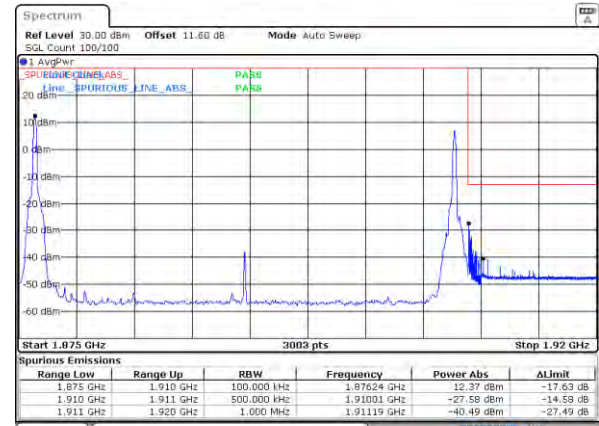
LTE Band 2C / 15MHz+20MHz

16QAM

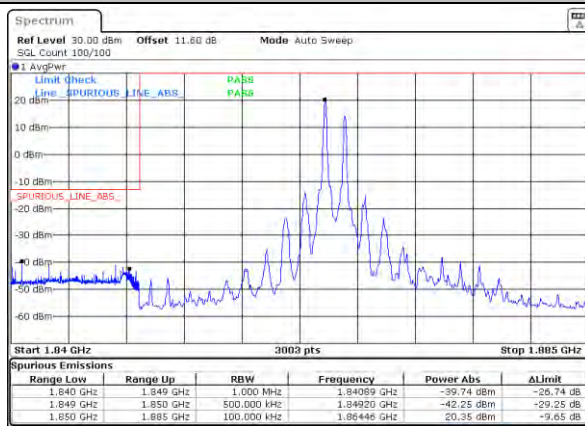
Lowest Band Edge / 1RB0 and 1RB99



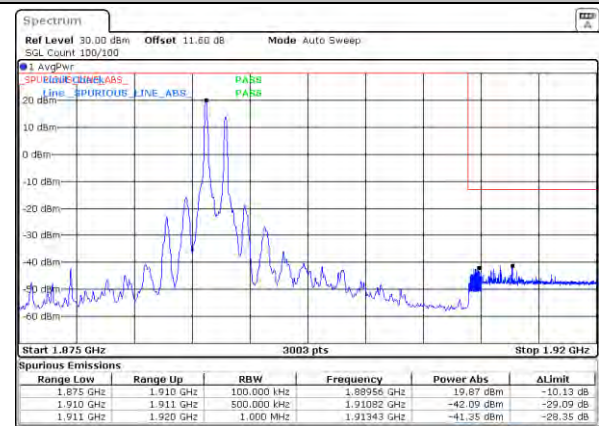
Highest Band Edge / 1RB0 and 1RB99



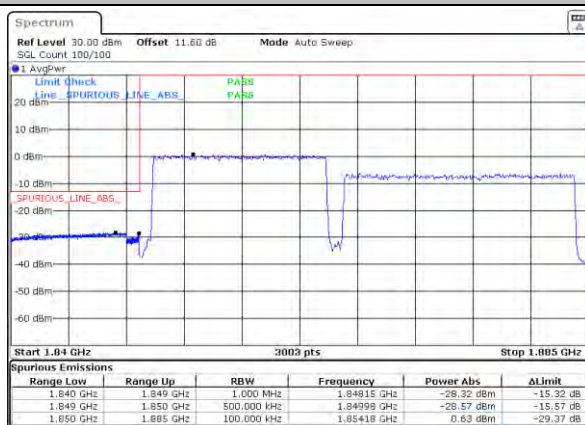
Lowest Band Edge / 1RB74 and 1RB0



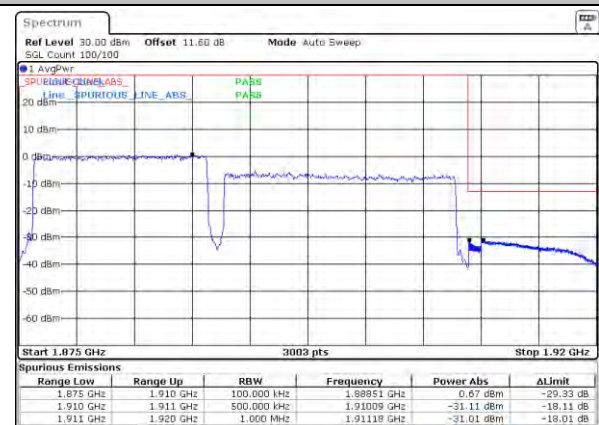
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

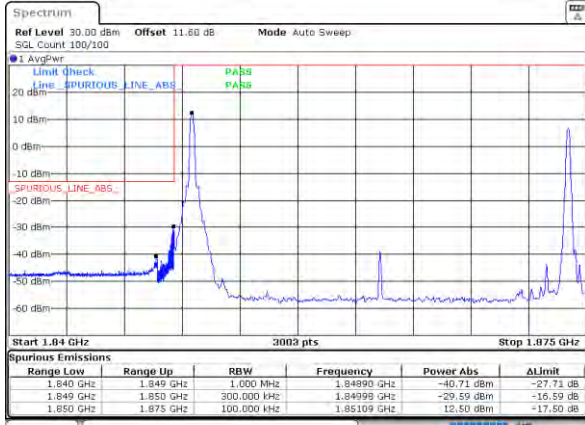




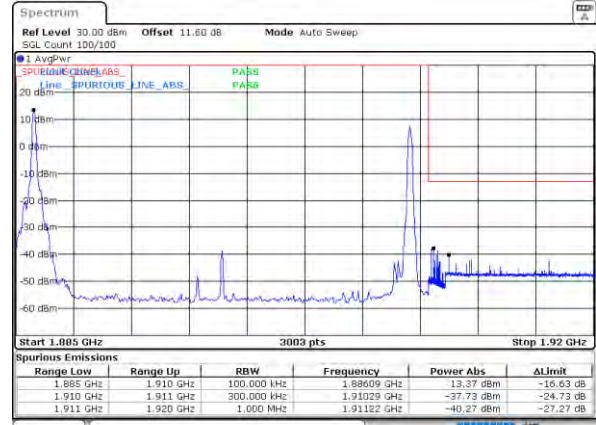
LTE Band 2C / 20MHz+5MHz

16QAM

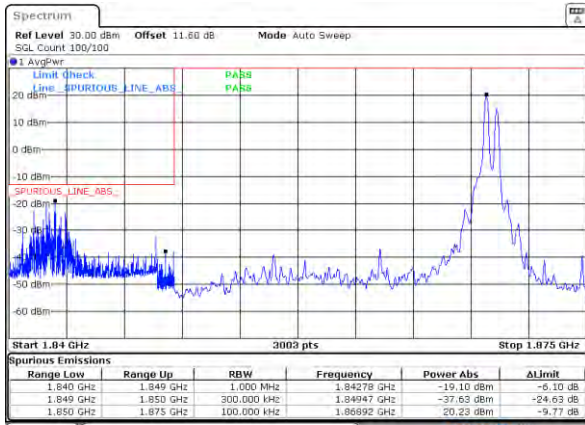
Lowest Band Edge / 1RB0 and 1RB24



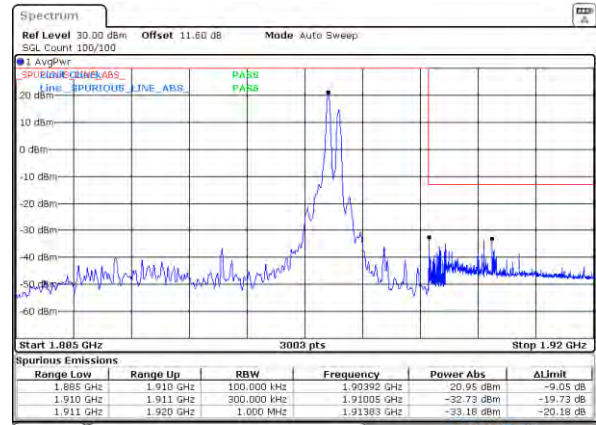
Highest Band Edge / 1RB0 and 1RB24



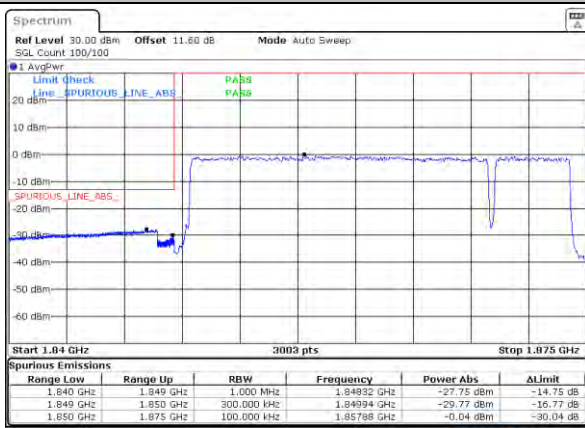
Lowest Band Edge / 1RB99 and 1RB0



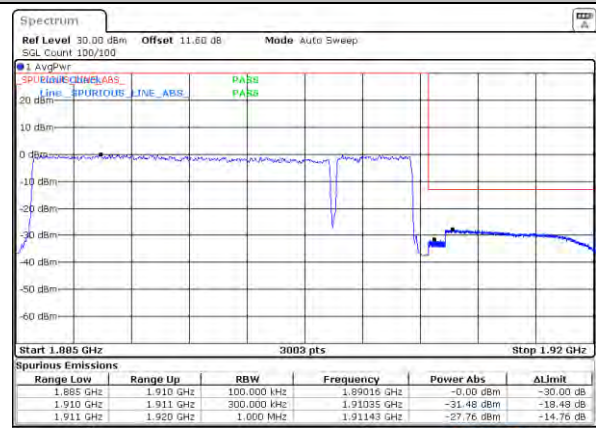
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

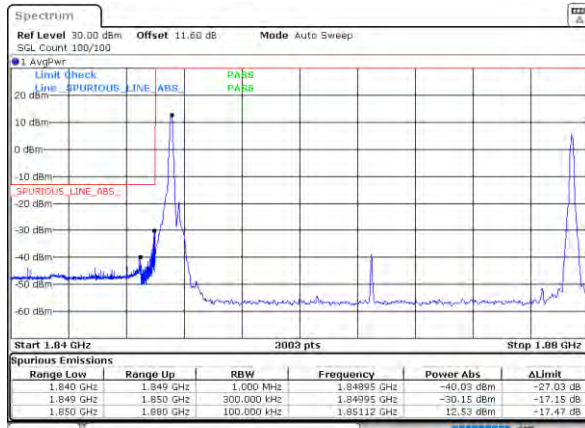




LTE Band 2C / 20MHz+10MHz

16QAM

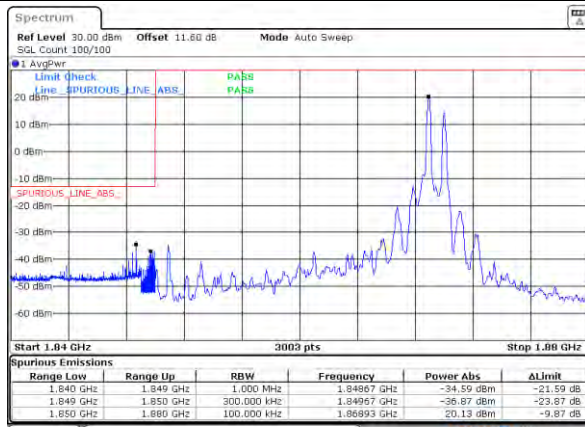
Lowest Band Edge / 1RB0 and 1RB49



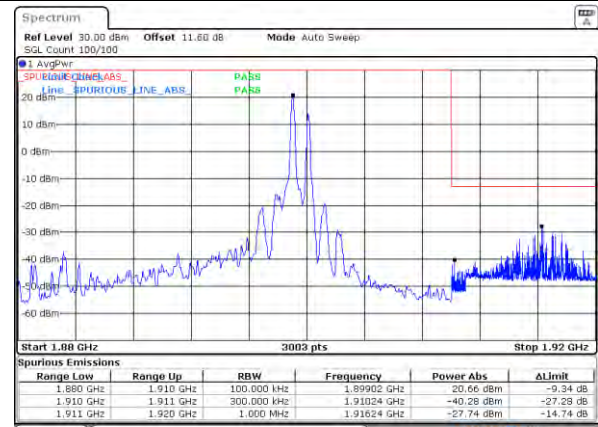
Highest Band Edge / 1RB0 and 1RB49



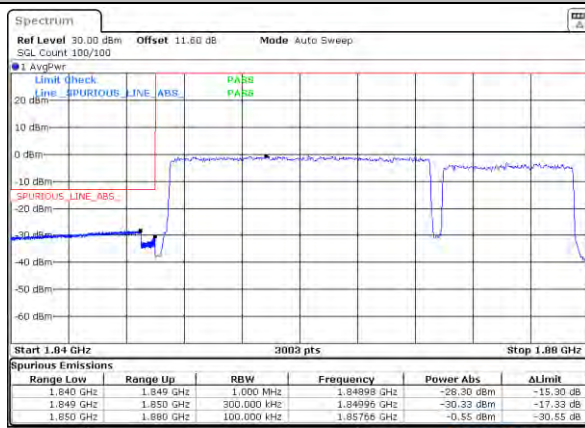
Lowest Band Edge / 1RB99 and 1RB0



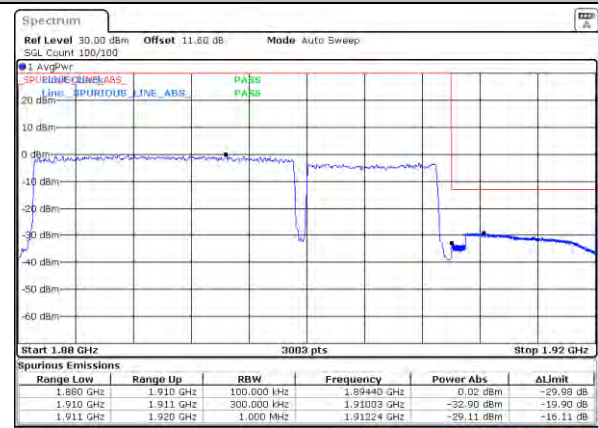
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

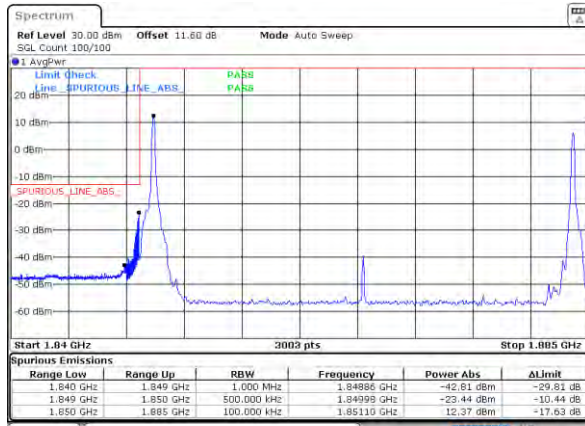




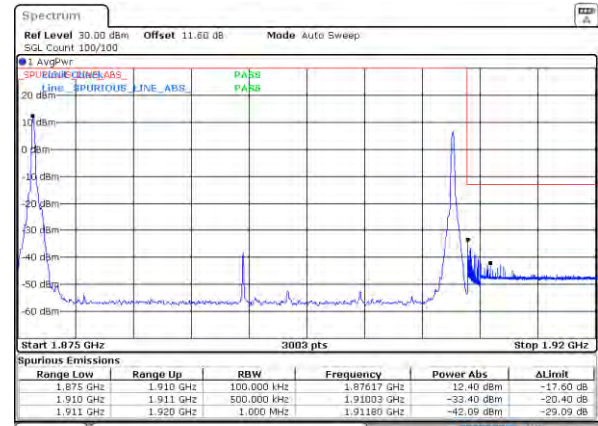
LTE Band 2C / 20MHz+15MHz

16QAM

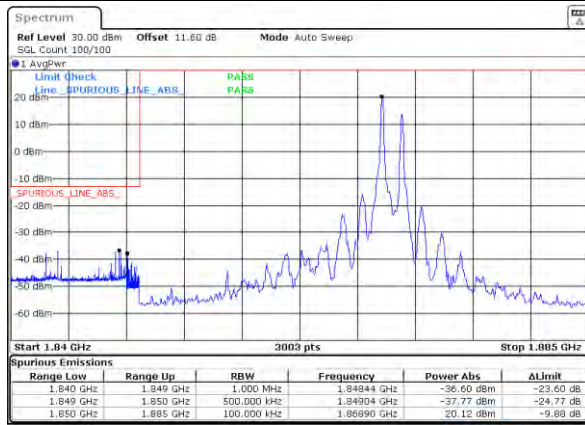
Lowest Band Edge / 1RB0 and 1RB74



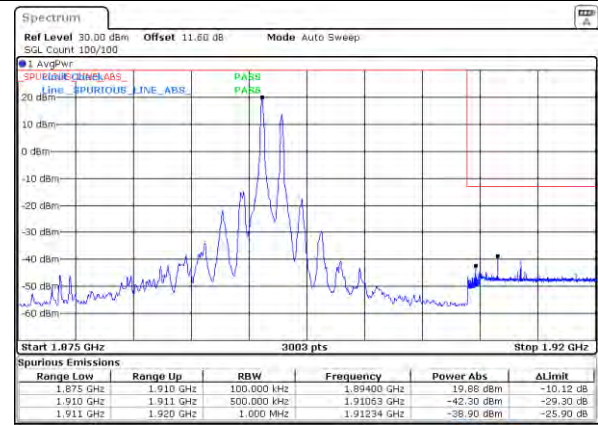
Highest Band Edge / 1RB0 and 1RB74



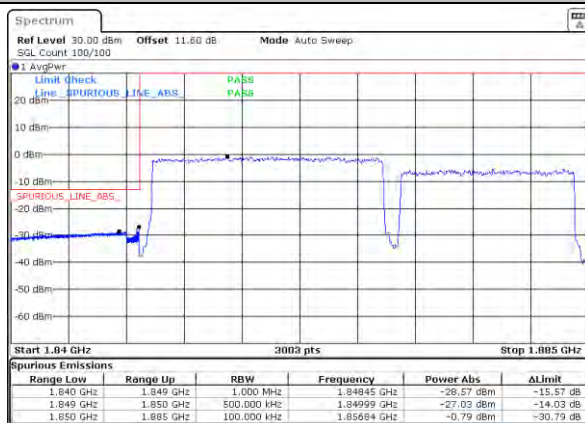
Lowest Band Edge / 1RB99 and 1RB0



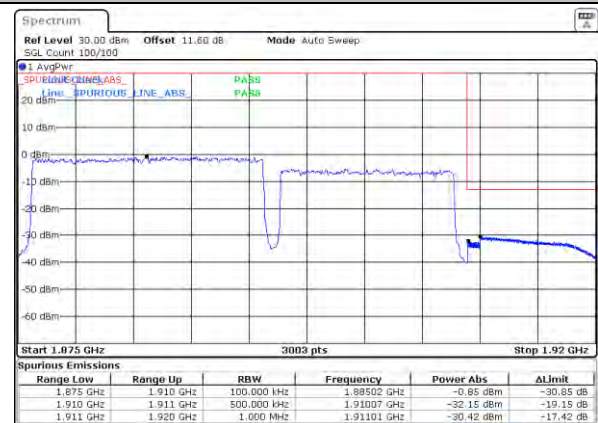
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

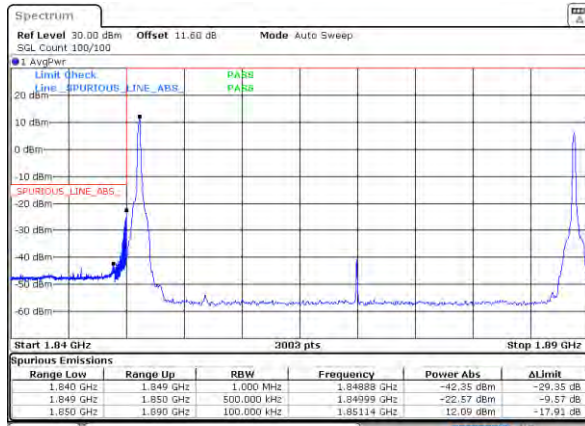




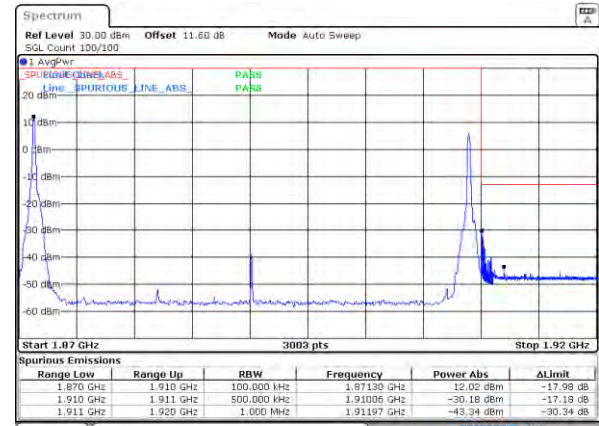
LTE Band 2C / 20MHz+20MHz

16QAM

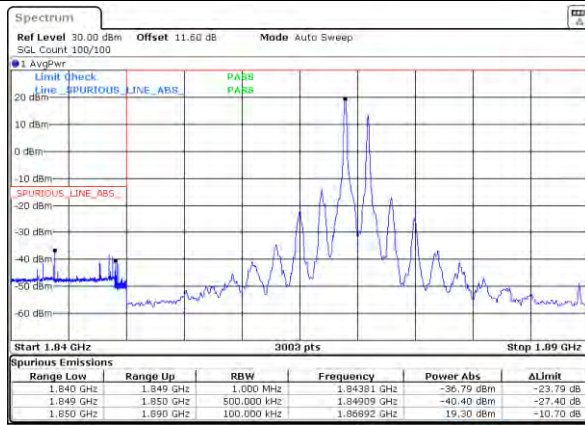
Lowest Band Edge / 1RB0 and 1RB99



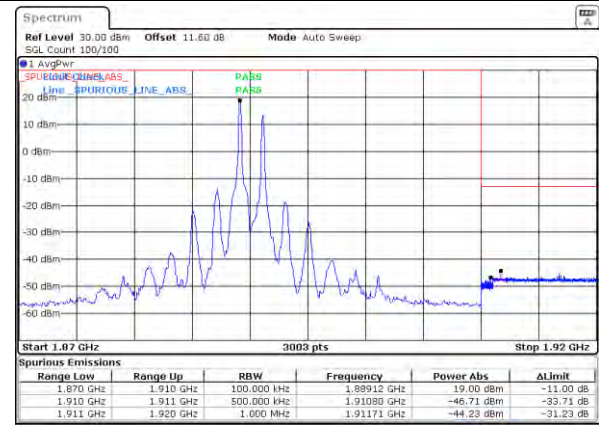
Highest Band Edge / 1RB0 and 1RB99



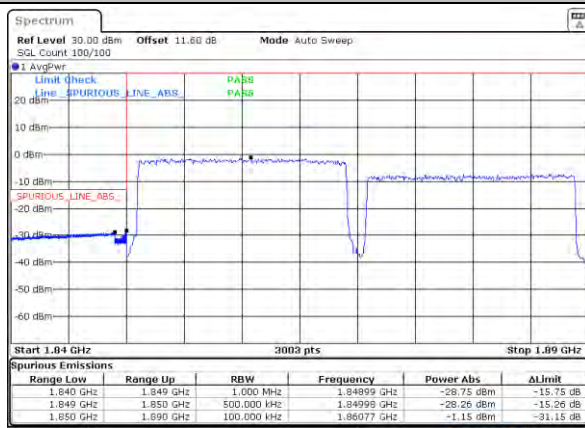
Lowest Band Edge / 1RB99 and 1RB0



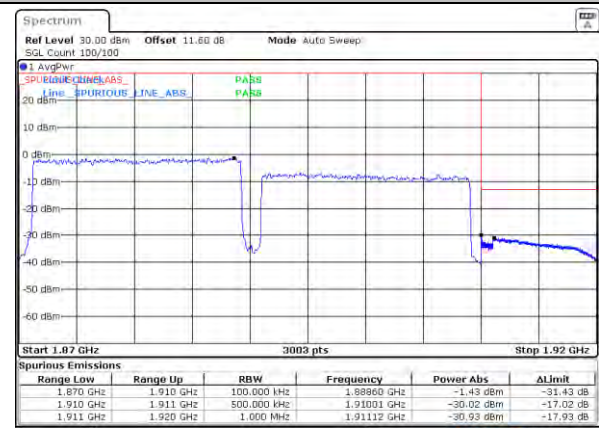
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

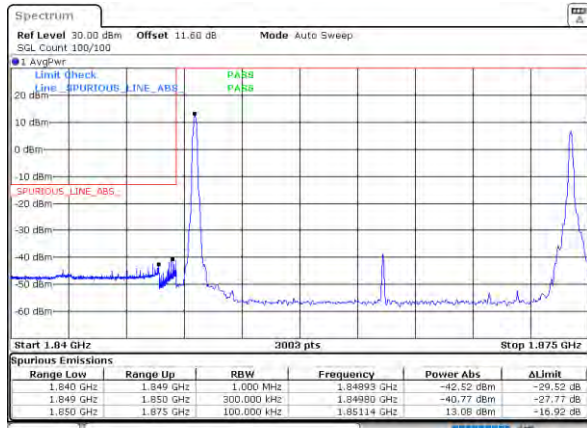




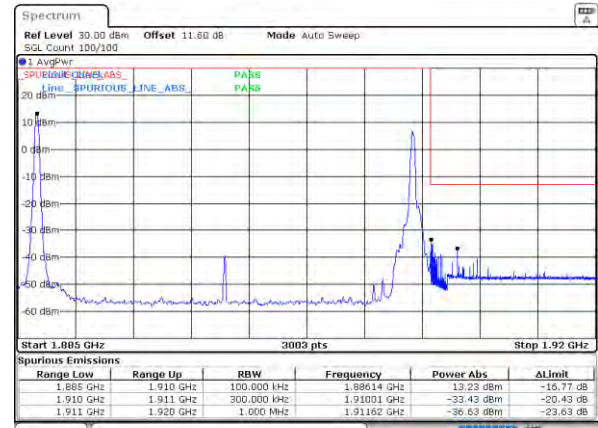
LTE Band 2C / 5MHz+20MHz

64QAM

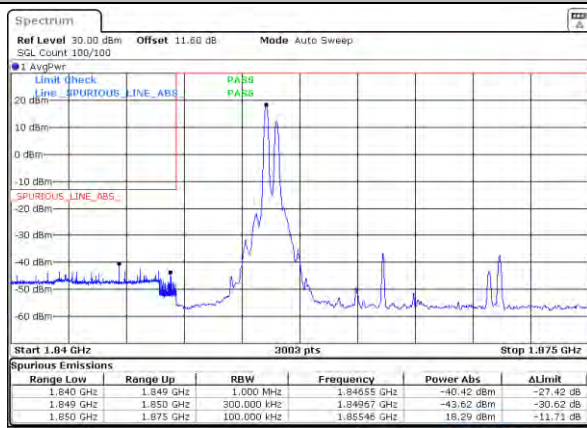
Lowest Band Edge / 1RB0 and 1RB99



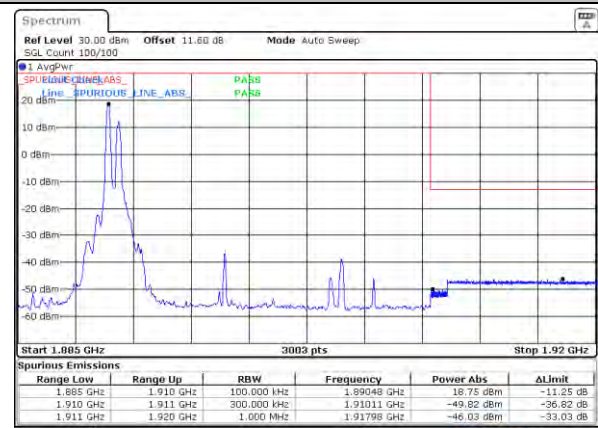
Highest Band Edge / 1RB0 and 1RB99



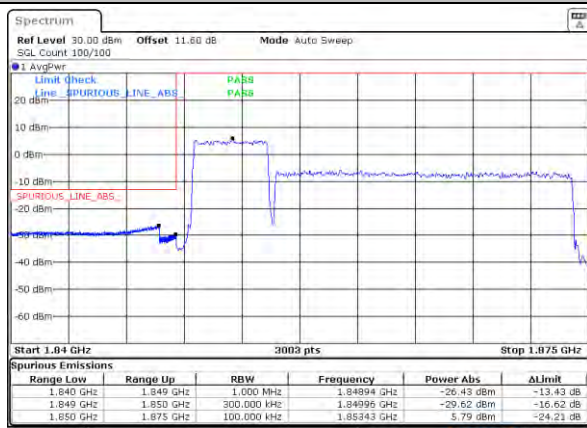
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

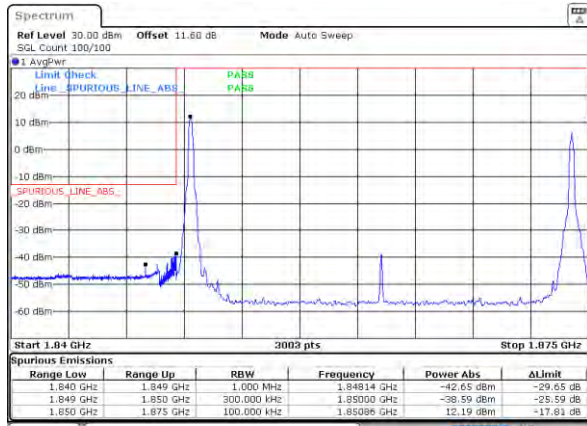




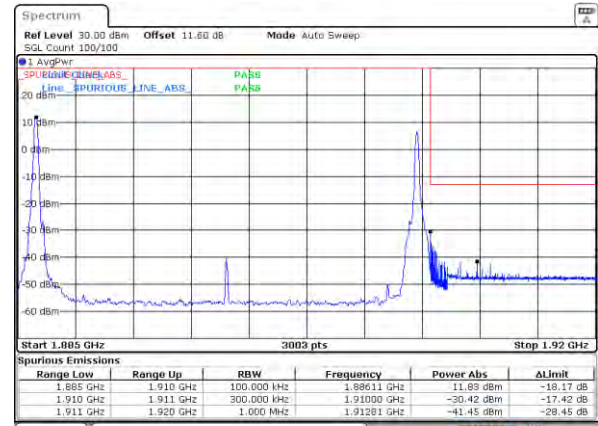
LTE Band 2C / 10MHz+15MHz

64QAM

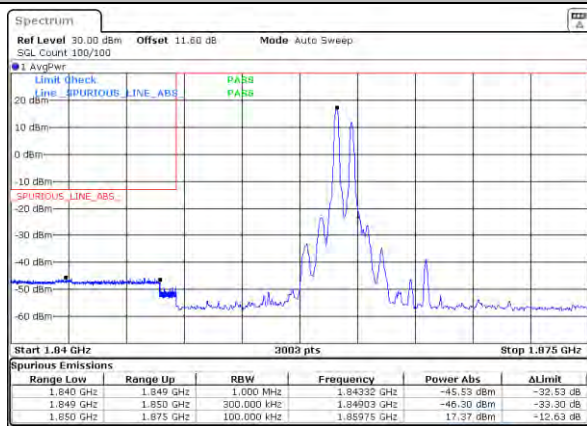
Lowest Band Edge / 1RB0 and 1RB74



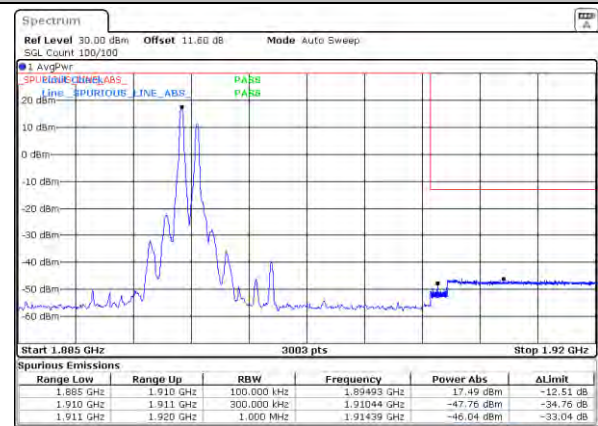
Highest Band Edge / 1RB0 and 1RB74



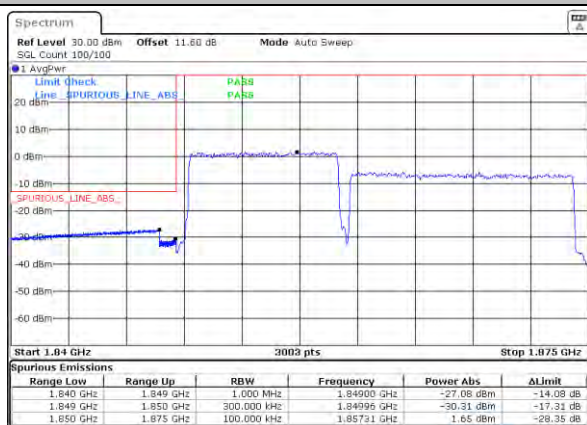
Lowest Band Edge / 1RB49 and 1RB0



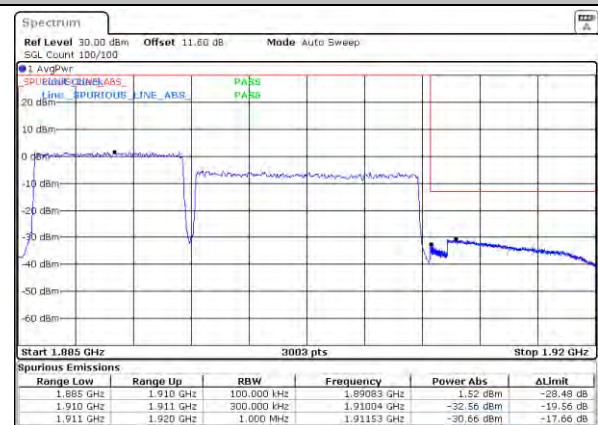
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

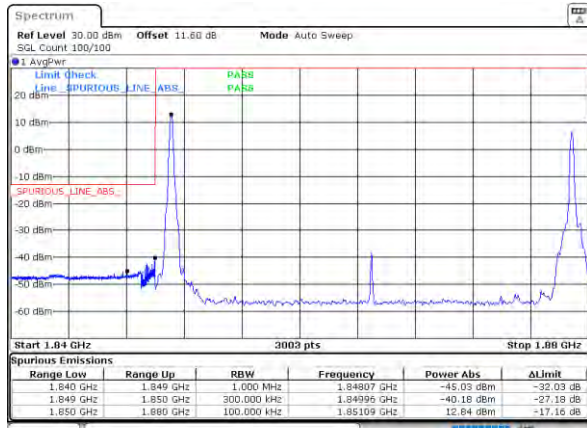




LTE Band 2C / 10MHz+20MHz

64QAM

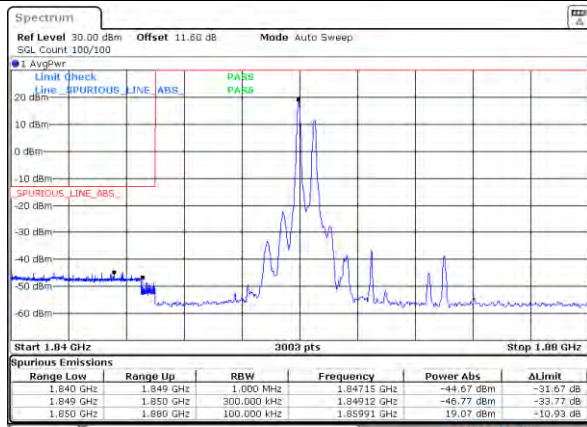
Lowest Band Edge / 1RB0 and 1RB99



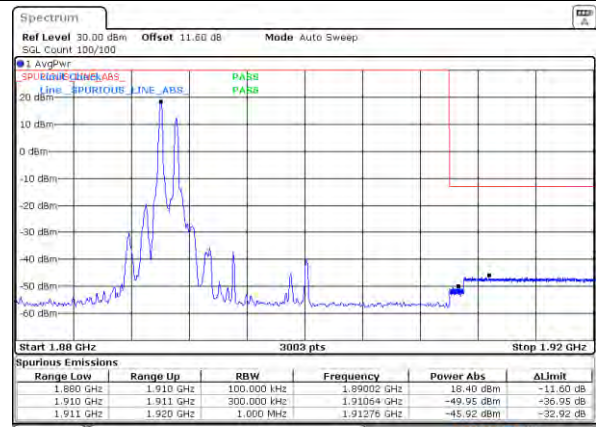
Highest Band Edge / 1RB0 and 1RB99



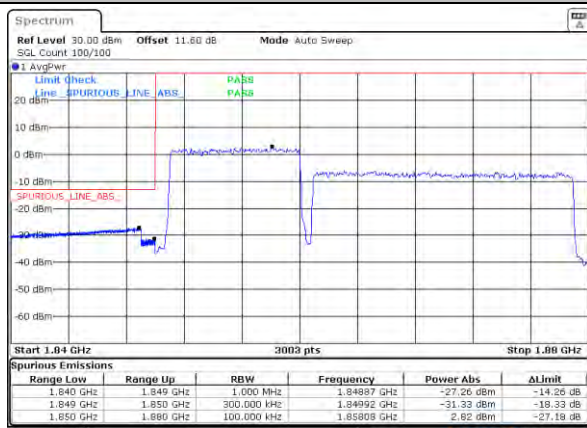
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

