FCC RADIO TEST REPORT

FCC ID	:	**A4RGR83Y**
Equipment	:	**Phone**
Model Name	:	**GR83Y**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27,** **Part 90(R), Part 90(S)**

The product was received on Nov. 28, 2023 and testing was performed from Dec. 19, 2023 to Feb. 16, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FG3N2325B	01	Initial issue of report	Apr. 22, 2024
FG3N2325B	02	Revise Support band and evaluated information This report is an updated version, replacing the report issued on Apr. 22, 2024	May 10, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
3.6	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	-
	§2.1051 §90.691	Emission masks (Band 26)		

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.691	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	12.12 dB under the limit at 9220.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: William Chen

Report Producer: Michelle Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, UWB, NFC, WPT, NTN and GNSS **Antenna Type** WWAN: **<Ant. 0>:** ILA Antenna **<Ant. 1>:** ILA Antenna **<Ant. 2>:** IFA Antenna **<Ant. 5>:** IFA Antenna

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

Antenna information						
Band	**Ant0**	**Ant1**	**Ant2**	**Ant5**	**Main Ant. #**	**Sub Ant. #**
B5	-1.4	-4.5			0	1
B12	-4.3	-6.9			0	1
B13	-3.0	-6.1			0	1
B14	-3.3	-6.5			0	1
B17	-4.3	-6.9			0	1
B26	-1.4	-4.5			0	1
B71	-5.6	-7.5			0	1
B2	-1.0		-0.5		2	0
ENDC B2		-4.3		-5.8	1	5
B4	-0.2		0.9		2	0
ENDC B4		-5.1		-4.6	1	5
B7	-1.6		-1.4		2	0
B25	-1.0		-0.5		2	0
B30	-1.4		-1.3		2	0
B38	-1.6		-1.8		2	0
B41	-1.4		-1.4		2	0
B66	0.6		0.9		2	0
ENDC B66		-3.3		-4.3	1	5

Remark:
1. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
2. After preliminary scan, the main antenna Ant 0 for Low band and main antenna Ant 2 for Mid/high band are selected as the worst mode to be reported for conducted test.

EUT Information List	
S/N	**Performed Test Item**
3B181FDAP00055	Conducted Measurement ERP/EIRP
3B131FDAP0006Y	Radiated Spurious Emission

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	03CH07-HY
Test Engineer	HaoEn Zhang	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (℃)	21.6~24.8	17.2~25.2
Relative Humidity (%)	52.1~55.6	47.0~68.3

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

FCC Designation No.: TW1190

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
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- 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. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find X Plane with Adapter as worst plane.

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
Band covered information	RSE frequency band range covers another band when the power is worse as follows: ■ B5 cover B26 (Part 22H) ■ B25 cover B2 (Part 24) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27) ■ B66 cover B4 (Part 27) ■ LTE CA B66B cover B66C (Part 27) ■ LTE CA B41C cover B38C (Part 27)

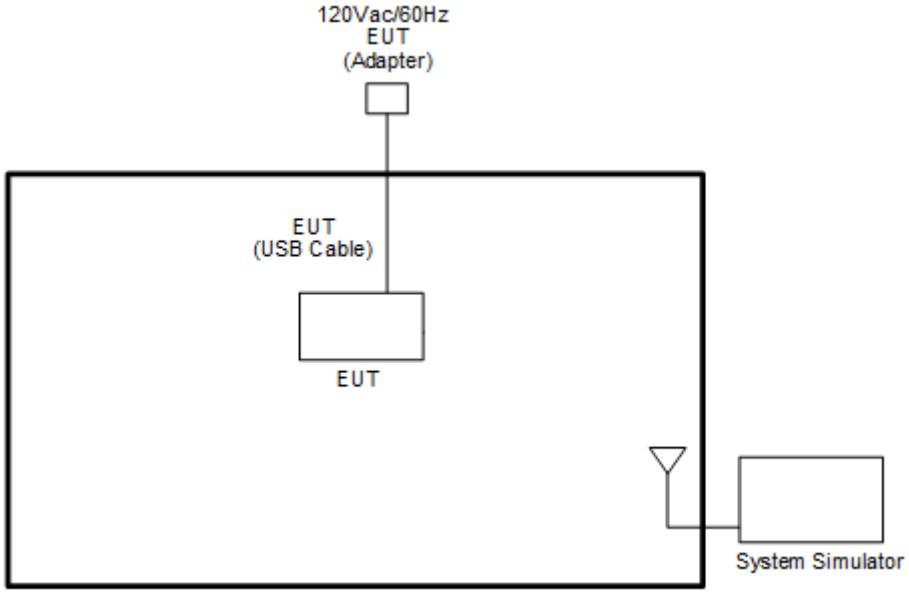
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	20 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M, H
Frequency Stability	A	10MHz/15MHz (B26)	Full	M
		10 MHz or less (other)		
RSE	A	5MHz/15MHz (B26)	1RB	L, M, H
		10 MHz or less (other)		

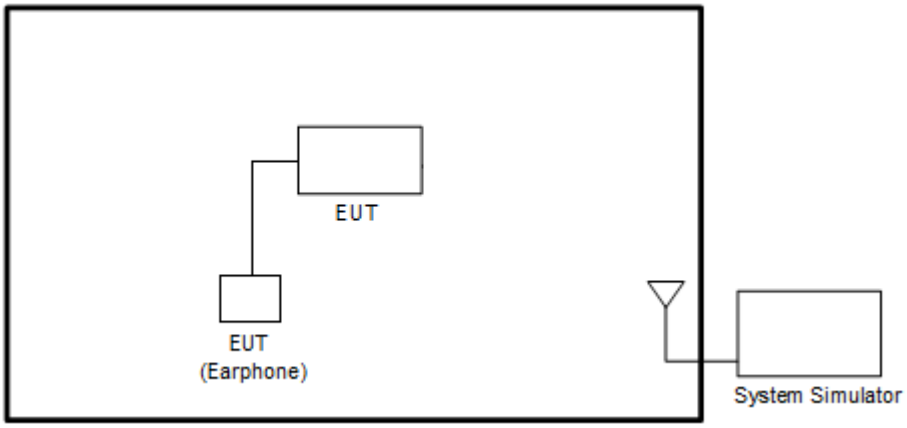
Remark:
1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPT mode) were verified. It is determined that the adapter mode is the worst case for the official test.
4. All the radiated test cases were performed with Adapter 1 and USB Cable 2.

2.2 Connection Diagram of Test System

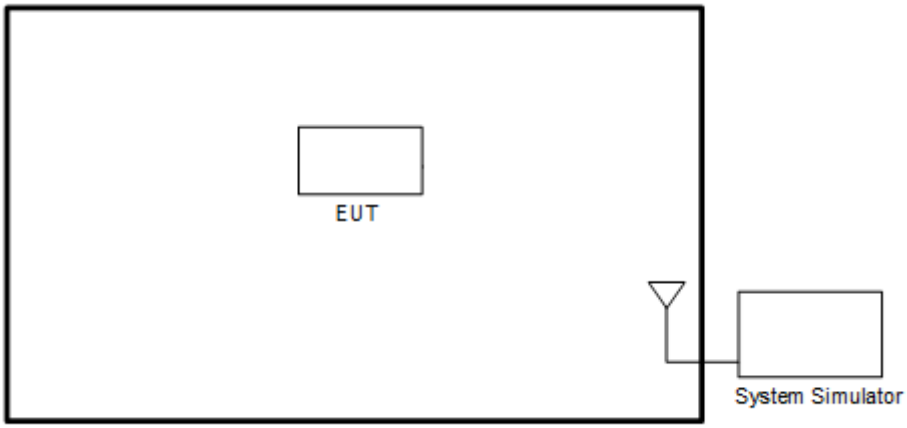
<EUT with Adapter>



<EUT with Earphone>



<EUT without Accessory>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

= 4.2 + 10 = 14.2 (dB)

2.5 Frequency List of Low/Middle/High Channels

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

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

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

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

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

LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

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

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3

LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

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

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

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

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

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

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

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133272	133422
	Frequency	668.0	678	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5

LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0

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

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

LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0

LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7

LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

3 Conducted Test Items

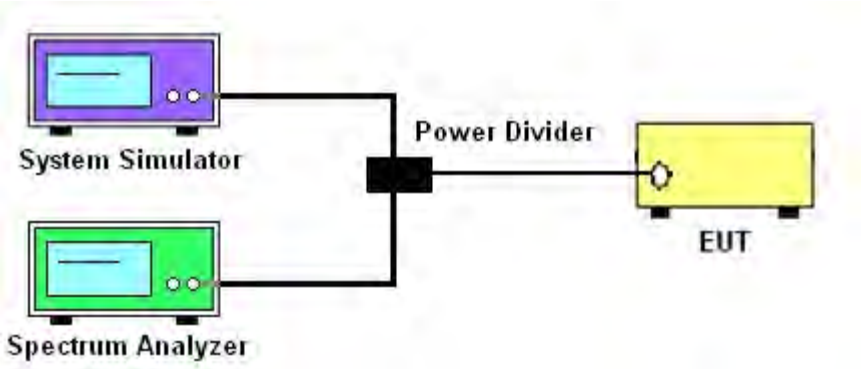
3.1 Measuring Instruments

See list of measuring instruments of this test report.

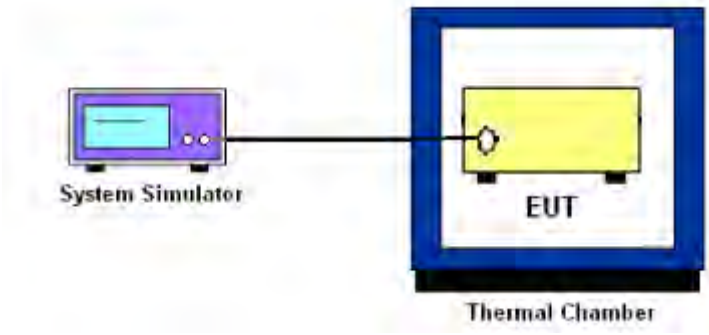
3.1.1 Test Setup

3.1.2 Conducted Output Power

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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least 65 + 10 log10 p(watts), dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(m)(4)

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

27.53 (a)(4)

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

(i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz.

(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz.

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

90.543(e)

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 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.
8. For MIMO mode, add additional MIMO factor 10log(NTX=2) = 3.01dB into the spectrum analyzer offset.

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 Log10(f/6.1) decibels or 50 + 10 Log10(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 + 10Log10(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 10^{th} 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 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 30
   The limit line is derived from 70 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)
10. For MIMO mode, add additional MIMO factor 10log(NTX=2) = 3.01dB into the spectrum analyzer offset.

3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

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

22.355
The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

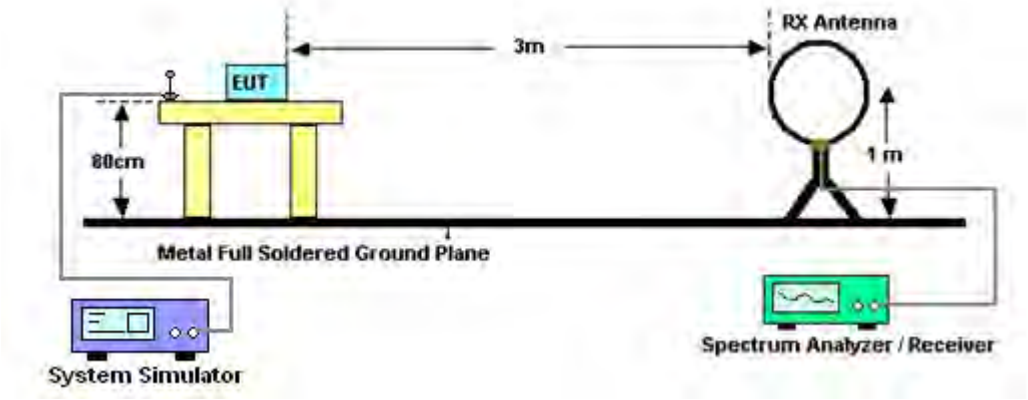
4 Radiated Test Items

4.1 Measuring Instruments

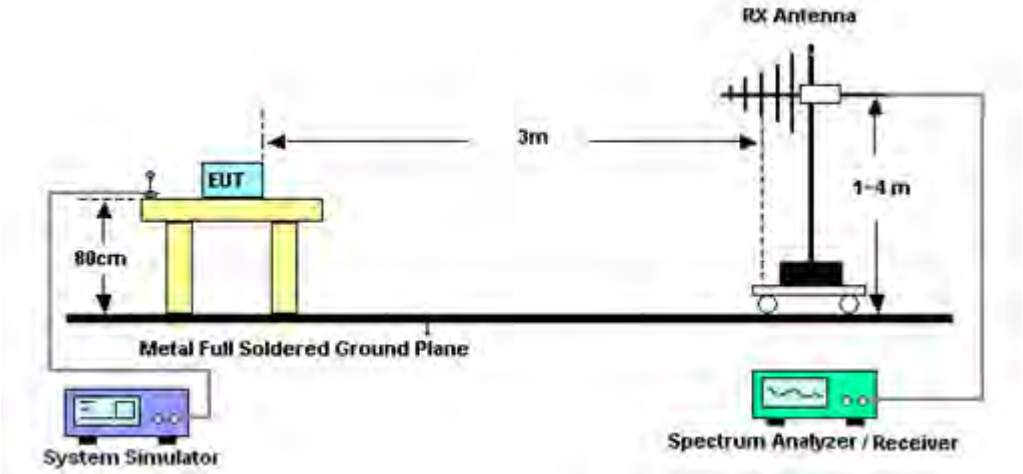
See list of measuring instruments of this test report.

4.1.1 Test Setup

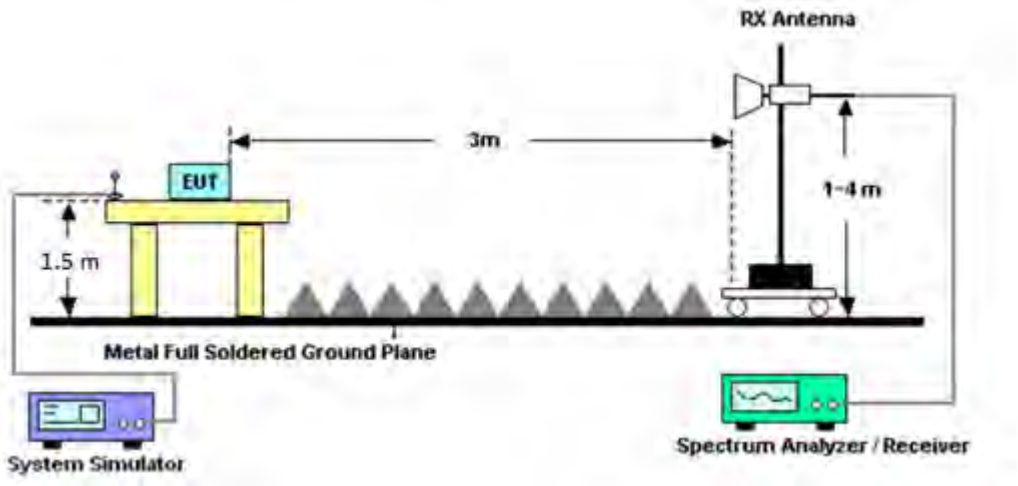
For radiated test below 30MHz



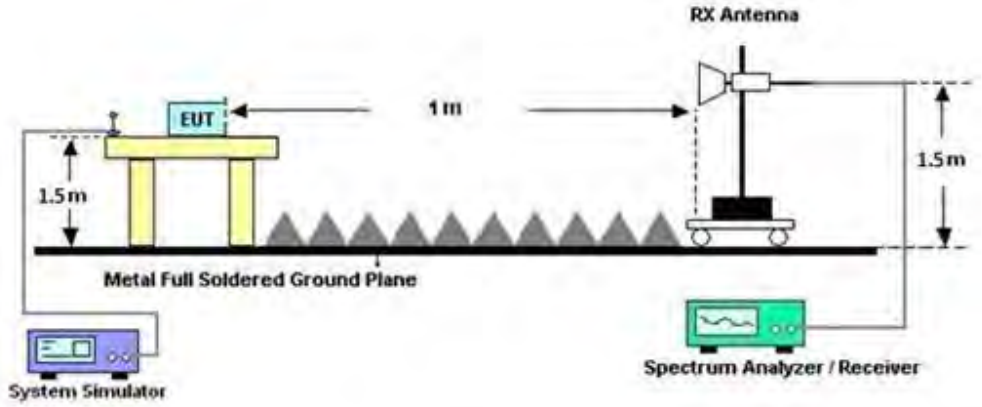
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 7, 38, 41

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

For LTE Band 13

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

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 / TIA-603-E section 5.5.4 Radiated measurement using the field strength method.

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

5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Base Station(Measure)	Anritsu	MT8821C	6201664755	LTE FDD/TDD(with44), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 18, 2023	Dec. 19, 2023~ Feb. 16, 2024	Jul. 17, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Sep. 11, 2023	Dec. 19, 2023~ Feb. 16, 2024	Sep. 10, 2024	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-241	92003713	-30℃ ~95℃	May 17, 2023	Dec. 19, 2023~ Feb. 16, 2024	May 16, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 28, 2023	Dec. 19, 2023~ Feb. 16, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Dec. 19, 2023~ Jan. 04, 2024	Jan. 05, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 08, 2024	Jan. 09, 2024~ Feb. 16, 2024	Jan. 07, 2025	Conducted (TH03-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Jan. 12, 2024~ Feb. 15, 2024	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Nov. 27,2023	Jan. 12, 2024~ Feb. 15, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 27, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz~18GHz	Apr. 20, 2023	Jan. 12, 2024~ Feb. 15, 2024	Apr. 19, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 02, 2023	Jan. 12, 2024~ Feb. 15, 2024	Oct. 01, 2024	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 24, 2023	Jan. 12, 2024~ Feb. 15, 2024	Mar. 23, 2024	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Jan. 12, 2024~ Feb. 15, 2024	Jul. 24, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2023	Jan. 12, 2024~ Feb. 15, 2024	Mar. 27, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 22, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 22, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 22, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 15, 2023	Jan. 12, 2024~ Feb. 15, 2024	Sep. 14, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 22, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 20, 2023	Jan. 12, 2024~ Feb. 15, 2024	Apr. 19, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jan. 12, 2024~ Feb. 15, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jan. 12, 2024~ Feb. 15, 2024	N/A	Radiation (03CH07-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jan. 12, 2024~ Feb. 15, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jan. 12, 2024~ Feb. 15, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Jan. 12, 2024~ Feb. 15, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 14, 2023	Jan. 12, 2024~ Feb. 15, 2024	Mar. 13, 2024	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Aug. 29, 2023	Jan. 12, 2024~ Feb. 15, 2024	Aug. 28, 2024	Radiation (03CH07-HY)
Horn Antenna	ETS-Lindgren	3117	00143261	1GHz~18GHz	Feb. 24, 2023	Jan. 12, 2024~ Feb. 15, 2024	Feb. 23, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2023	Jan. 12, 2024~ Feb. 15, 2024	Nov. 23, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	Jun. 01, 2023	Jan. 12, 2024~ Feb. 15, 2024	May 31, 2024	Radiation (03CH07-HY)
Signal Generator	Anritsu	MG3710A	6261943042	2G / 3G / LTE / 5G FR1	May 25, 2023	Jan. 12, 2024~ Feb. 15, 2024	May 24, 2024	Radiation (03CH07-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.46 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.33 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.91 dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Tx0 Antenna>

LTE Band 2 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	23.89	23.91	23.83	23.41	0.2193
20	1	49		23.83	23.87	23.82		
20	1	99		23.73	23.74	23.69		
20	50	0		22.89	22.91	22.81		
20	50	24		22.82	22.88	22.80		
20	50	50		22.77	22.82	22.76		
20	100	0		22.87	22.89	22.81		
20	1	0	16-QAM	23.14	23.18	23.12	22.68	0.1854
20	1	49		23.15	23.12	23.16		
20	1	99		23.11	23.03	22.98		
20	50	0		21.85	21.90	21.79		
20	50	24		21.80	21.84	21.79		
20	50	50		21.76	21.78	21.77		
20	100	0		21.85	21.85	21.80		
20	1	0	64-QAM	22.04	22.06	21.91	21.56	0.1432
20	1	49		21.95	21.95	21.98		
20	1	99		21.96	21.82	21.83		
20	50	0		20.90	20.92	20.83		
20	50	24		20.85	20.88	20.79		
20	50	50		20.81	20.82	20.77		
20	100	0		20.86	20.86	20.79		
20	1	0	256-QAM	19.00	18.95	19.05	18.55	0.0716
20	1	49		18.86	18.91	18.82		
20	1	99		18.67	18.75	18.70		
20	50	0		18.77	18.80	18.75		
20	50	24		18.77	18.78	18.88		
20	50	50		18.74	18.71	18.72		
20	100	0		18.78	18.77	18.73		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.85	23.81	23.73	23.35	0.2163
15	1	37		23.71	23.84	23.76		
15	1	74		23.70	23.65	23.65		
15	36	0		22.81	22.79	22.69		
15	36	20		22.74	22.84	22.72		
15	36	39		22.70	22.76	22.68		
15	75	0		22.80	22.82	22.71		
15	1	0	16-QAM	23.10	23.07	23.05	22.60	0.1820
15	1	37		23.06	23.03	23.07		
15	1	74		23.02	22.92	22.95		
15	36	0		21.82	21.79	21.75		
15	36	20		21.76	21.73	21.73		
15	36	39		21.66	21.66	21.73		
15	75	0		21.81	21.75	21.77		
15	1	0	64-QAM	22.01	22.00	21.79	21.51	0.1416
15	1	37		21.90	21.92	21.94		
15	1	74		21.85	21.72	21.80		
15	36	0		20.82	20.80	20.79		
15	36	20		20.81	20.85	20.71		
15	36	39		20.72	20.71	20.71		
15	75	0		20.81	20.81	20.75		
15	1	0	256-QAM	18.93	18.87	19.04	18.54	0.0714
15	1	37		18.78	18.82	18.78		
15	1	74		18.66	18.67	18.65		
15	36	0		18.67	18.74	18.74		
15	36	20		18.69	18.75	18.80		
15	36	39		18.68	18.65	18.67		
15	75	0		18.76	18.75	18.69		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.86	23.88	23.75	23.38	0.2178
10	1	25		23.72	23.84	23.78		
10	1	49		23.63	23.63	23.63		
10	25	0		22.82	22.88	22.70		
10	25	12		22.71	22.78	22.76		
10	25	25		22.70	22.72	22.72		
10	50	0		22.76	22.82	22.77		
10	1	0	16-QAM	23.06	23.07	23.05	22.62	0.1828
10	1	25		23.05	23.01	23.12		
10	1	49		23.01	22.92	22.86		
10	25	0		21.73	21.82	21.69		
10	25	12		21.69	21.77	21.71		
10	25	25		21.66	21.69	21.69		
10	50	0		21.78	21.79	21.76		
10	1	0	64-QAM	21.92	21.98	21.84	21.48	0.1406
10	1	25		21.92	21.87	21.95		
10	1	49		21.93	21.71	21.73		
10	25	0		20.85	20.87	20.80		
10	25	12		20.78	20.80	20.68		
10	25	25		20.69	20.70	20.71		
10	50	0		20.79	20.79	20.70		
10	1	0	256-QAM	18.95	18.89	19.05	18.55	0.0716
10	1	25		18.76	18.88	18.76		
10	1	49		18.65	18.69	18.70		
10	25	0		18.70	18.70	18.66		
10	25	12		18.75	18.76	18.83		
10	25	25		18.67	18.65	18.67		
10	50	0		18.71	18.77	18.68		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 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	23.83	23.81	23.78	23.33	0.2153
5	1	12		23.74	23.81	23.78		
5	1	24		23.61	23.67	23.64		
5	12	0		22.79	22.86	22.73		
5	12	7		22.71	22.80	22.73		
5	12	13		22.73	22.72	22.66		
5	25	0		22.78	22.82	22.73		
5	1	0	16-QAM	23.05	23.13	23.01	22.63	0.1832
5	1	12		23.03	23.01	23.07		
5	1	24		23.06	22.98	22.90		
5	12	0		21.74	21.86	21.70		
5	12	7		21.74	21.76	21.69		
5	12	13		21.64	21.74	21.71		
5	25	0		21.78	21.81	21.70		
5	1	0	64-QAM	22.00	22.02	21.83	21.52	0.1419
5	1	12		21.83	21.85	21.88		
5	1	24		21.88	21.75	21.73		
5	12	0		20.87	20.82	20.80		
5	12	7		20.73	20.80	20.71		
5	12	13		20.73	20.73	20.68		
5	25	0		20.78	20.74	20.74		
5	1	0	256-QAM	18.95	18.86	19.03	18.53	0.0713
5	1	12		18.86	18.87	18.80		
5	1	24		18.64	18.69	18.65		
5	12	0		18.71	18.80	18.73		
5	12	7		18.73	18.72	18.85		
5	12	13		18.64	18.64	18.66		
5	25	0		18.77	18.76	18.69		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.78	23.85	23.79	23.35	0.2163
3	1	8		23.76	23.75	23.74		
3	1	14		23.67	23.62	23.65		
3	8	0		22.78	22.84	22.72		
3	8	4		22.77	22.84	22.68		
3	8	7		22.66	22.79	22.68		
3	15	0		22.83	22.86	22.76		
3	1	0	16-QAM	23.08	23.15	23.03	22.65	0.1841
3	1	8		23.07	23.07	23.05		
3	1	14		23.06	22.92	22.91		
3	8	0		21.77	21.82	21.68		
3	8	4		21.71	21.74	21.72		
3	8	7		21.64	21.75	21.73		
3	15	0		21.78	21.73	21.73		
3	1	0	64-QAM	22.00	22.02	21.79	21.52	0.1419
3	1	8		21.83	21.88	21.86		
3	1	14		21.93	21.70	21.79		
3	8	0		20.80	20.85	20.73		
3	8	4		20.77	20.84	20.73		
3	8	7		20.72	20.79	20.72		
3	15	0		20.82	20.83	20.75		
3	1	0	256-QAM	18.97	18.95	18.95	18.47	0.0703
3	1	8		18.84	18.89	18.82		
3	1	14		18.57	18.72	18.60		
3	8	0		18.71	18.73	18.68		
3	8	4		18.74	18.75	18.78		
3	8	7		18.74	18.64	18.69		
3	15	0		18.73	18.67	18.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.83	23.83	23.80	23.33	0.2153
1.4	1	3		23.78	23.75	23.77		
1.4	1	5		23.67	23.69	23.62		
1.4	3	0		23.83	23.80	23.70		
1.4	3	1		23.72	23.79	23.71		
1.4	3	3		23.65	23.71	23.71		
1.4	6	0		22.76	22.79	22.70		
1.4	1	0	16-QAM	23.07	23.12	23.08	22.62	0.1828
1.4	1	3		23.08	23.04	23.05		
1.4	1	5		23.05	22.97	22.94		
1.4	3	0		22.82	22.87	22.69		
1.4	3	1		22.68	22.75	22.69		
1.4	3	3		22.70	22.75	22.66		
1.4	6	0		21.74	21.74	21.77		
1.4	1	0	64-QAM	22.00	21.98	21.84	21.50	0.1413
1.4	1	3		21.83	21.88	21.90		
1.4	1	5		21.93	21.72	21.79		
1.4	3	0		21.79	21.84	21.74		
1.4	3	1		21.82	21.81	21.67		
1.4	3	3		21.72	21.71	21.66		
1.4	6	0		20.78	20.83	20.73		
1.4	1	0	256-QAM	18.96	18.93	19.02	18.52	0.0711
1.4	1	3		18.86	18.89	18.75		
1.4	1	5		18.58	18.72	18.60		
1.4	3	0		18.74	18.80	18.69		
1.4	3	1		18.74	18.76	18.78		
1.4	3	3		18.69	18.68	18.71		
1.4	6	0		18.74	18.69	18.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.96	23.98	23.89	23.48	0.2228
20	1	49		23.93	23.92	23.87		
20	1	99		23.79	23.77	23.72		
20	50	0		22.93	22.95	22.86		
20	50	24		22.89	22.91	22.84		
20	50	50		22.82	22.88	22.78		
20	100	0		22.91	22.94	22.85		
20	1	0	16-QAM	23.17	23.30	23.15	22.80	0.1905
20	1	49		23.23	23.24	23.20		
20	1	99		23.10	23.05	23.03		
20	50	0		21.90	21.93	21.84		
20	50	24		21.85	21.89	21.82		
20	50	50		21.83	21.83	21.79		
20	100	0		21.90	21.91	21.86		
20	1	0	64-QAM	22.10	22.06	22.02	21.60	0.1445
20	1	49		22.09	22.09	22.06		
20	1	99		21.99	21.89	21.94		
20	50	0		20.96	20.97	20.91		
20	50	24		20.88	20.92	20.86		
20	50	50		20.84	20.88	20.83		
20	100	0		20.90	20.92	20.88		
20	1	0	256-QAM	18.87	18.83	18.86	18.47	0.0703
20	1	49		18.90	18.97	18.90		
20	1	99		18.76	18.72	18.74		
20	50	0		18.79	18.76	18.73		
20	50	24		18.65	18.74	18.73		
20	50	50		18.77	18.66	18.70		
20	100	0		18.78	18.80	18.78		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.90	23.87	23.79	23.40	0.2188
15	1	37		23.83	23.85	23.81		
15	1	74		23.74	23.72	23.66		
15	36	0		22.88	22.88	22.77		
15	36	20		22.84	22.82	22.73		
15	36	39		22.72	22.83	22.70		
15	75	0		22.82	22.83	22.74		
15	1	0	16-QAM	23.08	23.25	23.10	22.75	0.1884
15	1	37		23.17	23.13	23.09		
15	1	74		23.03	22.97	22.95		
15	36	0		21.85	21.83	21.73		
15	36	20		21.78	21.82	21.74		
15	36	39		21.77	21.77	21.68		
15	75	0		21.79	21.85	21.79		
15	1	0	64-QAM	22.03	21.99	21.92	21.53	0.1422
15	1	37		22.01	21.99	21.97		
15	1	74		21.94	21.82	21.83		
15	36	0		20.86	20.91	20.85		
15	36	20		20.82	20.84	20.76		
15	36	39		20.74	20.77	20.76		
15	75	0		20.80	20.85	20.82		
15	1	0	256-QAM	18.84	18.79	18.76	18.44	0.0698
15	1	37		18.83	18.94	18.87		
15	1	74		18.69	18.64	18.67		
15	36	0		18.78	18.72	18.69		
15	36	20		18.63	18.67	18.72		
15	36	39		18.70	18.65	18.67		
15	75	0		18.70	18.78	18.78		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.86	23.90	23.80	23.40	0.2188
10	1	25		23.86	23.82	23.77		
10	1	49		23.72	23.72	23.61		
10	25	0		22.85	22.87	22.79		
10	25	12		22.83	22.86	22.78		
10	25	25		22.74	22.82	22.71		
10	50	0		22.82	22.87	22.78		
10	1	0	16-QAM	23.08	23.20	23.08	22.70	0.1862
10	1	25		23.17	23.15	23.11		
10	1	49		23.01	22.97	22.98		
10	25	0		21.82	21.86	21.78		
10	25	12		21.77	21.82	21.76		
10	25	25		21.76	21.73	21.70		
10	50	0		21.79	21.86	21.79		
10	1	0	64-QAM	22.00	22.01	21.95	21.53	0.1422
10	1	25		22.03	22.01	22.01		
10	1	49		21.88	21.80	21.89		
10	25	0		20.91	20.90	20.80		
10	25	12		20.82	20.84	20.80		
10	25	25		20.77	20.78	20.72		
10	50	0		20.80	20.84	20.83		
10	1	0	256-QAM	18.77	18.75	18.83	18.41	0.0693
10	1	25		18.85	18.91	18.87		
10	1	49		18.68	18.71	18.67		
10	25	0		18.70	18.70	18.73		
10	25	12		18.64	18.74	18.69		
10	25	25		18.77	18.63	18.64		
10	50	0		18.78	18.76	18.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 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	23.88	23.92	23.81	23.42	0.2198
5	1	12		23.87	23.81	23.82		
5	1	24		23.74	23.69	23.65		
5	12	0		22.87	22.88	22.75		
5	12	7		22.79	22.83	22.74		
5	12	13		22.74	22.77	22.71		
5	25	0		22.83	22.89	22.79		
5	1	0	16-QAM	23.12	23.23	23.06	22.73	0.1875
5	1	12		23.15	23.15	23.15		
5	1	24		23.04	22.96	22.98		
5	12	0		21.85	21.86	21.73		
5	12	7		21.74	21.84	21.74		
5	12	13		21.73	21.73	21.69		
5	25	0		21.82	21.85	21.75		
5	1	0	64-QAM	22.00	21.99	21.97	21.53	0.1422
5	1	12		22.03	22.03	21.98		
5	1	24		21.92	21.78	21.85		
5	12	0		20.90	20.92	20.86		
5	12	7		20.81	20.85	20.76		
5	12	13		20.75	20.78	20.78		
5	25	0		20.83	20.84	20.82		
5	1	0	256-QAM	18.82	18.82	18.85	18.42	0.0695
5	1	12		18.89	18.92	18.81		
5	1	24		18.72	18.66	18.69		
5	12	0		18.75	18.75	18.66		
5	12	7		18.64	18.67	18.68		
5	12	13		18.77	18.62	18.68		
5	25	0		18.77	18.70	18.68		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.91	23.89	23.82	23.41	0.2193
3	1	8		23.85	23.82	23.76		
3	1	14		23.73	23.72	23.64		
3	8	0		22.88	22.87	22.75		
3	8	4		22.80	22.80	22.78		
3	8	7		22.77	22.81	22.72		
3	15	0		22.85	22.89	22.75		
3	1	0	16-QAM	23.10	23.21	23.06	22.71	0.1866
3	1	8		23.13	23.16	23.10		
3	1	14		23.03	22.99	22.94		
3	8	0		21.79	21.82	21.77		
3	8	4		21.80	21.81	21.76		
3	8	7		21.75	21.74	21.68		
3	15	0		21.83	21.80	21.78		
3	1	0	64-QAM	22.00	21.98	21.91	21.53	0.1422
3	1	8		22.03	21.99	21.99		
3	1	14		21.88	21.80	21.85		
3	8	0		20.85	20.87	20.81		
3	8	4		20.80	20.85	20.75		
3	8	7		20.75	20.79	20.78		
3	15	0		20.80	20.87	20.80		
3	1	0	256-QAM	18.82	18.82	18.76	18.47	0.0703
3	1	8		18.80	18.97	18.83		
3	1	14		18.69	18.64	18.73		
3	8	0		18.75	18.66	18.66		
3	8	4		18.56	18.68	18.69		
3	8	7		18.74	18.65	18.70		
3	15	0		18.69	18.70	18.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.85	23.91	23.84	23.41	0.2193
1.4	1	3		23.88	23.82	23.78		
1.4	1	5		23.70	23.68	23.62		
1.4	3	0		23.85	23.89	23.77		
1.4	3	1		23.80	23.82	23.79		
1.4	3	3		23.71	23.79	23.69		
1.4	6	0		22.82	22.89	22.77		
1.4	1	0	16-QAM	23.12	23.19	23.09	22.69	0.1858
1.4	1	3		23.15	23.18	23.15		
1.4	1	5		23.05	22.99	22.92		
1.4	3	0		22.81	22.82	22.77		
1.4	3	1		22.80	22.81	22.72		
1.4	3	3		22.78	22.74	22.73		
1.4	6	0		21.80	21.80	21.78		
1.4	1	0	64-QAM	22.05	22.01	21.97	21.55	0.1429
1.4	1	3		21.99	22.00	22.01		
1.4	1	5		21.94	21.79	21.87		
1.4	3	0		21.90	21.88	21.85		
1.4	3	1		21.79	21.87	21.76		
1.4	3	3		21.73	21.81	21.76		
1.4	6	0		20.81	20.87	20.80		
1.4	1	0	256-QAM	18.87	18.76	18.85	18.39	0.0690
1.4	1	3		18.82	18.89	18.86		
1.4	1	5		18.70	18.72	18.74		
1.4	3	0		18.74	18.74	18.68		
1.4	3	1		18.57	18.70	18.67		
1.4	3	3		18.68	18.61	18.69		
1.4	6	0		18.75	18.71	18.76		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.02	24.03	23.99	24.93	0.3112
20	1	49		23.97	23.95	23.93		
20	1	99		23.84	23.77	23.72		
20	50	0		22.98	23.00	22.91		
20	50	24		22.96	22.91	22.85		
20	50	50		22.91	22.85	22.81		
20	100	0		23.00	22.95	22.90		
20	1	0	16-QAM	23.32	23.28	23.17	24.22	0.2642
20	1	49		23.30	23.17	23.15		
20	1	99		23.07	23.06	23.04		
20	50	0		21.99	21.95	21.88		
20	50	24		21.93	21.90	21.83		
20	50	50		21.88	21.83	21.77		
20	100	0		21.96	21.92	21.88		
20	1	0	64-QAM	22.14	22.16	22.01	23.06	0.2023
20	1	49		22.01	22.08	22.07		
20	1	99		21.93	21.95	21.91		
20	50	0		20.97	20.94	20.86		
20	50	24		20.94	20.88	20.84		
20	50	50		20.91	20.81	20.78		
20	100	0		20.97	20.91	20.87		
20	1	0	256-QAM	18.65	18.71	18.70	19.74	0.0942
20	1	49		18.61	18.80	18.70		
20	1	99		18.68	18.68	18.76		
20	50	0		18.67	18.69	18.66		
20	50	24		18.62	18.59	18.64		
20	50	50		18.57	18.71	18.67		
20	100	0		18.84	18.83	18.76		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.91	23.93	23.94	24.84	0.3048
15	1	37		23.91	23.84	23.82		
15	1	74		23.79	23.70	23.63		
15	36	0		22.90	22.95	22.81		
15	36	20		22.89	22.84	22.78		
15	36	39		22.80	22.79	22.74		
15	75	0		22.94	22.84	22.82		
15	1	0	16-QAM	23.23	23.17	23.07	24.13	0.2588
15	1	37		23.19	23.07	23.10		
15	1	74		22.99	22.95	22.95		
15	36	0		21.88	21.87	21.80		
15	36	20		21.86	21.80	21.77		
15	36	39		21.79	21.78	21.71		
15	75	0		21.89	21.83	21.82		
15	1	0	64-QAM	22.07	22.11	21.90	23.01	0.2000
15	1	37		21.94	21.98	21.97		
15	1	74		21.83	21.88	21.84		
15	36	0		20.92	20.87	20.75		
15	36	20		20.86	20.81	20.74		
15	36	39		20.85	20.71	20.71		
15	75	0		20.86	20.80	20.82		
15	1	0	256-QAM	18.61	18.66	18.69	19.70	0.0933
15	1	37		18.55	18.70	18.62		
15	1	74		18.61	18.62	18.67		
15	36	0		18.58	18.66	18.64		
15	36	20		18.56	18.53	18.62		
15	36	39		18.49	18.64	18.66		
15	75	0		18.76	18.80	18.70		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.97	23.96	23.94	24.87	0.3069
10	1	25		23.90	23.88	23.84		
10	1	49		23.76	23.71	23.64		
10	25	0		22.89	22.91	22.86		
10	25	12		22.85	22.86	22.75		
10	25	25		22.86	22.79	22.74		
10	50	0		22.90	22.89	22.84		
10	1	0	16-QAM	23.24	23.19	23.09	24.14	0.2594
10	1	25		23.23	23.08	23.10		
10	1	49		23.02	23.01	22.97		
10	25	0		21.89	21.90	21.78		
10	25	12		21.84	21.83	21.76		
10	25	25		21.81	21.74	21.68		
10	50	0		21.89	21.82	21.77		
10	1	0	64-QAM	22.06	22.10	21.94	23.00	0.1995
10	1	25		21.90	21.99	21.99		
10	1	49		21.83	21.87	21.80		
10	25	0		20.91	20.86	20.77		
10	25	12		20.87	20.79	20.73		
10	25	25		20.82	20.73	20.73		
10	50	0		20.91	20.83	20.76		
10	1	0	256-QAM	18.63	18.70	18.62	19.70	0.0933
10	1	25		18.57	18.80	18.67		
10	1	49		18.64	18.58	18.72		
10	25	0		18.64	18.60	18.56		
10	25	12		18.52	18.50	18.57		
10	25	25		18.50	18.65	18.59		
10	50	0		18.78	18.79	18.67		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.93	23.94	23.92	24.84	0.3048
5	1	12		23.88	23.85	23.85		
5	1	24		23.75	23.67	23.62		
5	12	0		22.91	22.91	22.82		
5	12	7		22.90	22.83	22.75		
5	12	13		22.85	22.80	22.74		
5	25	0		22.93	22.86	22.83		
5	1	0	16-QAM	23.26	23.20	23.08	24.16	0.2606
5	1	12		23.20	23.09	23.04		
5	1	24		22.97	23.00	22.93		
5	12	0		21.92	21.85	21.79		
5	12	7		21.88	21.82	21.78		
5	12	13		21.79	21.75	21.66		
5	25	0		21.90	21.83	21.82		
5	1	0	64-QAM	22.07	22.10	21.96	23.00	0.1995
5	1	12		21.92	21.98	22.01		
5	1	24		21.82	21.88	21.82		
5	12	0		20.86	20.88	20.75		
5	12	7		20.89	20.79	20.78		
5	12	13		20.83	20.72	20.71		
5	25	0		20.92	20.81	20.78		
5	1	0	256-QAM	18.63	18.71	18.68	19.70	0.0933
5	1	12		18.51	18.80	18.70		
5	1	24		18.60	18.59	18.76		
5	12	0		18.64	18.59	18.59		
5	12	7		18.52	18.49	18.60		
5	12	13		18.56	18.67	18.59		
5	25	0		18.80	18.80	18.67		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.93	23.95	23.90	24.85	0.3055
3	1	8		23.92	23.89	23.86		
3	1	14		23.75	23.66	23.62		
3	8	0		22.89	22.92	22.86		
3	8	4		22.91	22.84	22.80		
3	8	7		22.82	22.79	22.74		
3	15	0		22.95	22.84	22.82		
3	1	0	16-QAM	23.25	23.17	23.08	24.15	0.2600
3	1	8		23.21	23.12	23.05		
3	1	14		23.00	22.96	22.97		
3	8	0		21.94	21.87	21.78		
3	8	4		21.82	21.82	21.78		
3	8	7		21.83	21.73	21.66		
3	15	0		21.91	21.81	21.77		
3	1	0	64-QAM	22.03	22.11	21.92	23.01	0.2000
3	1	8		21.94	22.00	22.00		
3	1	14		21.88	21.89	21.83		
3	8	0		20.86	20.87	20.76		
3	8	4		20.86	20.77	20.78		
3	8	7		20.83	20.72	20.68		
3	15	0		20.88	20.85	20.80		
3	1	0	256-QAM	18.56	18.62	18.65	19.72	0.0938
3	1	8		18.61	18.70	18.62		
3	1	14		18.62	18.65	18.75		
3	8	0		18.60	18.65	18.61		
3	8	4		18.52	18.50	18.54		
3	8	7		18.57	18.65	18.64		
3	15	0		18.82	18.80	18.72		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.97	23.97	23.93	24.87	0.3069
1.4	1	3		23.92	23.84	23.82		
1.4	1	5		23.79	23.72	23.62		
1.4	3	0		23.92	23.94	23.84		
1.4	3	1		23.85	23.81	23.76		
1.4	3	3		23.84	23.77	23.71		
1.4	6	0		22.92	22.86	22.81		
1.4	1	0	16-QAM	23.23	23.21	23.12	24.15	0.2600
1.4	1	3		23.25	23.06	23.08		
1.4	1	5		23.02	23.00	22.96		
1.4	3	0		22.89	22.87	22.78		
1.4	3	1		22.88	22.84	22.75		
1.4	3	3		22.81	22.78	22.70		
1.4	6	0		21.85	21.83	21.81		
1.4	1	0	64-QAM	22.09	22.11	21.93	23.01	0.2000
1.4	1	3		21.91	21.97	22.00		
1.4	1	5		21.82	21.89	21.85		
1.4	3	0		21.90	21.88	21.75		
1.4	3	1		21.89	21.78	21.77		
1.4	3	3		21.84	21.72	21.67		
1.4	6	0		20.91	20.81	20.82		
1.4	1	0	256-QAM	18.58	18.65	18.65	19.73	0.0940
1.4	1	3		18.61	18.80	18.64		
1.4	1	5		18.63	18.64	18.70		
1.4	3	0		18.63	18.62	18.59		
1.4	3	1		18.56	18.59	18.63		
1.4	3	3		18.48	18.68	18.63		
1.4	6	0		18.77	18.83	18.76		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.09	24.14	24.10	20.59	0.1146
10	1	25		23.88	23.86	23.94		
10	1	49		23.90	23.91	23.94		
10	25	0		23.14	23.22	23.21		
10	25	12		22.98	23.03	23.14		
10	25	25		23.11	22.99	23.03		
10	50	0		23.07	23.16	23.12		
10	1	0	16-QAM	23.31	23.16	23.07	19.79	0.0953
10	1	25		23.28	23.05	22.92		
10	1	49		23.34	23.23	22.94		
10	25	0		22.11	22.14	22.21		
10	25	12		22.09	21.91	22.05		
10	25	25		22.13	22.07	22.02		
10	50	0		22.01	21.92	22.08		
10	1	0	64-QAM	21.79	21.97	22.07	18.66	0.0735
10	1	25		22.08	22.08	22.21		
10	1	49		21.95	21.96	21.99		
10	25	0		21.12	21.02	21.05		
10	25	12		21.09	21.02	21.09		
10	25	25		20.97	20.98	20.98		
10	50	0		20.99	21.00	21.01		
10	1	0	256-QAM	19.12	19.12	19.11	15.57	0.0361
10	1	25		18.96	18.96	18.93		
10	1	49		19.02	18.96	18.92		
10	25	0		19.01	18.99	19.01		
10	25	12		19.00	18.93	18.96		
10	25	25		18.93	18.92	18.92		
10	50	0		18.99	18.93	18.97		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.99	23.98	24.05	20.58	0.1143
5	1	12		24.03	24.10	24.13		
5	1	24		23.99	23.94	23.92		
5	12	0		22.98	22.91	23.03		
5	12	7		22.92	22.98	22.97		
5	12	13		23.01	22.89	22.90		
5	25	0		23.05	23.02	22.99		
5	1	0	16-QAM	22.99	23.41	23.25	19.86	0.0968
5	1	12		23.11	23.13	23.28		
5	1	24		23.02	23.18	22.94		
5	12	0		21.91	21.97	22.00		
5	12	7		21.96	22.04	21.94		
5	12	13		21.95	21.97	21.88		
5	25	0		22.02	22.06	22.12		
5	1	0	64-QAM	22.09	22.40	22.00	18.85	0.0767
5	1	12		22.38	22.12	22.08		
5	1	24		22.40	22.10	21.78		
5	12	0		21.05	21.00	20.98		
5	12	7		20.97	20.87	20.96		
5	12	13		21.10	21.02	20.90		
5	25	0		20.95	20.95	20.94		
5	1	0	256-QAM	19.11	19.09	19.05	15.56	0.0360
5	1	12		18.94	18.89	18.85		
5	1	24		18.93	18.94	18.91		
5	12	0		19.00	18.89	18.97		
5	12	7		18.97	18.91	18.96		
5	12	13		18.92	18.88	18.91		
5	25	0		18.94	18.89	18.91		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.13	24.10	24.08	20.58	0.1143
3	1	8		23.99	23.92	24.04		
3	1	14		23.98	23.97	23.97		
3	8	0		23.06	22.99	23.04		
3	8	4		23.05	23.05	23.07		
3	8	7		22.98	23.06	23.05		
3	15	0		23.09	23.10	23.06		
3	1	0	16-QAM	23.25	23.40	23.22	19.85	0.0966
3	1	8		23.28	23.35	23.18		
3	1	14		23.28	23.36	23.29		
3	8	0		22.12	22.06	21.97		
3	8	4		22.10	21.78	21.89		
3	8	7		22.01	22.00	21.85		
3	15	0		22.10	21.92	22.10		
3	1	0	64-QAM	22.26	21.89	22.12	18.71	0.0743
3	1	8		22.26	21.99	22.12		
3	1	14		21.90	22.15	22.12		
3	8	0		20.93	21.10	21.12		
3	8	4		21.02	20.93	21.10		
3	8	7		20.95	20.99	20.90		
3	15	0		20.89	21.04	20.91		
3	1	0	256-QAM	19.06	19.04	19.01	15.51	0.0356
3	1	8		18.89	18.89	18.90		
3	1	14		19.01	18.93	18.85		
3	8	0		18.98	18.97	18.92		
3	8	4		18.90	18.86	18.90		
3	8	7		18.83	18.87	18.91		
3	15	0		18.90	18.85	18.92		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.92	23.95	23.78	20.49	0.1119
1.4	1	3		23.86	23.90	23.75		
1.4	1	5		24.04	23.87	23.88		
1.4	3	0		23.91	23.90	23.88		
1.4	3	1		23.91	23.97	23.87		
1.4	3	3		23.92	23.88	23.85		
1.4	6	0		22.94	22.95	22.92		
1.4	1	0	16-QAM	22.93	22.85	23.17	19.62	0.0916
1.4	1	3		23.02	22.85	23.03		
1.4	1	5		22.85	22.82	23.12		
1.4	3	0		22.96	23.07	22.88		
1.4	3	1		23.12	22.85	22.85		
1.4	3	3		22.95	22.89	22.92		
1.4	6	0		21.93	21.92	21.92		
1.4	1	0	64-QAM	21.85	22.21	21.87	18.85	0.0767
1.4	1	3		22.12	21.98	21.81		
1.4	1	5		22.40	22.18	22.00		
1.4	3	0		22.03	21.94	21.94		
1.4	3	1		21.92	21.96	22.00		
1.4	3	3		21.90	22.04	21.93		
1.4	6	0		21.01	20.89	20.82		
1.4	1	0	256-QAM	19.03	19.02	19.04	15.49	0.0354
1.4	1	3		18.90	18.96	18.93		
1.4	1	5		18.99	18.88	18.83		
1.4	3	0		18.94	18.98	18.91		
1.4	3	1		18.92	18.83	18.93		
1.4	3	3		18.89	18.92	18.85		
1.4	6	0		18.94	18.84	18.88		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.74	23.80	23.79	22.40	0.1738
20	1	49		23.73	23.73	23.77		
20	1	99		23.70	23.79	23.78		
20	50	0		22.86	22.87	22.86		
20	50	24		22.85	22.78	22.85		
20	50	50		22.81	22.86	22.85		
20	100	0		22.72	22.88	22.87		
20	1	0	16-QAM	23.03	23.05	23.09	21.82	0.1521
20	1	49		22.89	23.00	23.02		
20	1	99		22.67	22.67	23.22		
20	50	0		21.78	21.80	21.80		
20	50	24		21.81	21.81	21.87		
20	50	50		21.73	21.80	21.85		
20	100	0		21.79	21.76	21.90		
20	1	0	64-QAM	21.77	21.85	21.93	20.85	0.1216
20	1	49		21.84	21.90	22.08		
20	1	99		22.25	22.04	21.94		
20	50	0		20.76	20.86	20.87		
20	50	24		20.81	20.71	20.86		
20	50	50		20.83	20.84	20.81		
20	100	0		20.79	20.76	20.82		
20	1	0	256-QAM	18.68	18.65	18.77	17.37	0.0546
20	1	49		18.77	18.46	18.77		
20	1	99		18.66	18.37	18.48		
20	50	0		18.65	18.49	18.57		
20	50	24		18.62	18.44	18.47		
20	50	50		18.56	18.46	18.46		
20	100	0		18.60	18.46	18.52		
Limit	Power < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.77	23.75	23.72	22.38	0.1730
15	1	37		23.69	23.76	23.78		
15	1	74		23.75	23.77	23.75		
15	36	0		22.80	22.94	22.96		
15	36	20		22.83	23.00	22.95		
15	36	39		22.79	22.94	22.96		
15	75	0		22.85	22.99	22.96		
15	1	0	16-QAM	23.38	22.57	22.91	22.05	0.1603
15	1	37		23.03	23.35	23.45		
15	1	74		23.29	22.82	23.33		
15	36	0		21.81	21.90	21.96		
15	36	20		21.95	21.92	21.85		
15	36	39		21.99	21.89	21.88		
15	75	0		21.91	21.88	21.86		
15	1	0	64-QAM	21.88	21.69	22.08	20.81	0.1205
15	1	37		22.06	22.21	22.03		
15	1	74		21.95	22.18	22.07		
15	36	0		20.80	20.85	20.89		
15	36	20		20.83	20.87	20.85		
15	36	39		20.80	20.85	20.91		
15	75	0		20.87	20.85	20.93		
15	1	0	256-QAM	18.65	18.64	18.70	17.30	0.0537
15	1	37		18.68	18.40	18.70		
15	1	74		18.59	18.36	18.43		
15	36	0		18.65	18.49	18.47		
15	36	20		18.57	18.42	18.47		
15	36	39		18.49	18.44	18.39		
15	75	0		18.55	18.41	18.50		
Limit	Power < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.73	23.72	23.76	22.38	0.1730
10	1	25		23.67	23.77	23.76		
10	1	49		23.78	23.74	23.71		
10	25	0		22.94	23.01	22.99		
10	25	12		22.85	22.95	23.00		
10	25	25		22.94	22.99	22.97		
10	50	0		22.93	22.95	22.93		
10	1	0	16-QAM	23.00	23.41	22.82	22.01	0.1589
10	1	25		23.07	23.25	22.66		
10	1	49		23.19	23.39	23.18		
10	25	0		21.93	21.94	21.95		
10	25	12		21.90	22.06	21.93		
10	25	25		21.90	22.02	21.93		
10	50	0		21.86	21.89	21.99		
10	1	0	64-QAM	22.03	22.12	22.25	20.91	0.1233
10	1	25		22.03	22.11	21.88		
10	1	49		22.16	22.31	22.08		
10	25	0		20.79	20.94	20.92		
10	25	12		20.92	20.92	20.94		
10	25	25		20.87	20.93	20.85		
10	50	0		20.92	20.93	20.93		
10	1	0	256-QAM	18.67	18.64	18.74	17.34	0.0542
10	1	25		18.70	18.46	18.73		
10	1	49		18.58	18.29	18.40		
10	25	0		18.61	18.39	18.52		
10	25	12		18.54	18.43	18.42		
10	25	25		18.50	18.46	18.40		
10	50	0		18.55	18.41	18.51		
Limit	Power < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.72	23.77	23.71	22.39	0.1734
5	1	12		23.73	23.78	23.76		
5	1	24		23.72	23.79	23.79		
5	12	0		22.92	23.01	22.89		
5	12	7		22.84	22.89	22.99		
5	12	13		22.93	22.94	23.01		
5	25	0		22.98	22.93	23.00		
5	1	0	16-QAM	23.23	23.16	23.10	21.83	0.1524
5	1	12		23.16	22.81	23.00		
5	1	24		22.96	22.91	23.15		
5	12	0		21.70	21.96	21.82		
5	12	7		21.92	21.87	21.98		
5	12	13		21.91	21.91	21.99		
5	25	0		21.82	21.94	21.94		
5	1	0	64-QAM	21.78	21.66	21.97	20.80	0.1202
5	1	12		22.08	21.95	22.20		
5	1	24		21.87	22.08	21.67		
5	12	0		20.84	20.91	20.93		
5	12	7		20.78	20.92	20.92		
5	12	13		20.93	20.95	20.81		
5	25	0		20.86	20.87	20.88		
5	1	0	256-QAM	18.58	18.59	18.70	17.36	0.0545
5	1	12		18.69	18.41	18.76		
5	1	24		18.65	18.29	18.45		
5	12	0		18.61	18.47	18.50		
5	12	7		18.61	18.42	18.41		
5	12	13		18.46	18.44	18.46		
5	25	0		18.59	18.41	18.52		
Limit	Power < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.95	23.98	23.95	17.53	0.0566
10	1	25		23.80	23.84	23.86		
10	1	49		23.92	23.96	23.88		
10	25	0		23.00	23.02	22.96		
10	25	12		22.97	22.99	22.93		
10	25	25		22.99	22.99	22.91		
10	50	0		23.04	23.02	22.97		
10	1	0	16-QAM	23.36	23.30	23.26	16.96	0.0497
10	1	25		23.25	23.30	23.27		
10	1	49		23.30	23.41	23.13		
10	25	0		22.03	22.06	22.02		
10	25	12		22.02	22.03	22.02		
10	25	25		22.04	22.02	22.01		
10	50	0		22.03	22.01	22.01		
10	1	0	64-QAM	22.11	22.17	22.07	15.91	0.0390
10	1	25		21.96	22.08	22.22		
10	1	49		22.25	22.36	22.05		
10	25	0		21.04	21.04	21.01		
10	25	12		21.03	21.04	21.01		
10	25	25		21.00	21.04	21.01		
10	50	0		21.01	21.01	21.00		
10	1	0	256-QAM	19.34	19.17	19.27	12.89	0.0195
10	1	25		19.21	19.11	19.15		
10	1	49		19.04	19.04	19.08		
10	25	0		19.17	19.15	19.07		
10	25	12		19.14	19.08	19.08		
10	25	25		18.98	19.04	19.05		
10	50	0		19.09	19.15	19.09		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.91	23.88	23.86	17.46	0.0557
5	1	12		23.75	23.80	23.76		
5	1	24		23.83	23.88	23.80		
5	12	0		22.91	22.98	22.91		
5	12	7		22.92	22.90	22.84		
5	12	13		22.90	22.90	22.81		
5	25	0		22.95	22.93	22.92		
5	1	0	16-QAM	23.28	23.20	23.20	16.89	0.0489
5	1	12		23.15	23.20	23.22		
5	1	24		23.22	23.34	23.05		
5	12	0		21.94	22.02	21.95		
5	12	7		21.96	21.95	21.93		
5	12	13		21.99	21.95	21.96		
5	25	0		21.96	21.92	21.93		
5	1	0	64-QAM	22.03	22.10	22.03	15.86	0.0385
5	1	12		21.90	22.00	22.13		
5	1	24		22.15	22.31	21.97		
5	12	0		21.00	20.95	20.96		
5	12	7		20.96	20.96	20.94		
5	12	13		20.91	20.94	20.93		
5	25	0		20.91	20.93	20.93		
5	1	0	256-QAM	19.27	19.07	19.21	12.82	0.0191
5	1	12		19.18	19.01	19.14		
5	1	24		19.00	19.03	19.01		
5	12	0		19.07	19.05	19.03		
5	12	7		19.12	19.03	19.05		
5	12	13		18.98	19.00	18.99		
5	25	0		19.05	19.08	19.04		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.90	23.91	23.87	17.46	0.0557
3	1	8		23.75	23.77	23.82		
3	1	14		23.88	23.91	23.78		
3	8	0		22.93	22.93	22.88		
3	8	4		22.87	22.95	22.88		
3	8	7		22.94	22.93	22.85		
3	15	0		22.95	22.96	22.90		
3	1	0	16-QAM	23.28	23.25	23.18	16.89	0.0489
3	1	8		23.21	23.23	23.17		
3	1	14		23.23	23.34	23.07		
3	8	0		21.94	22.01	21.97		
3	8	4		21.98	21.98	21.96		
3	8	7		21.98	21.92	21.93		
3	15	0		21.93	21.96	21.96		
3	1	0	64-QAM	22.07	22.10	22.00	15.86	0.0385
3	1	8		21.89	22.02	22.16		
3	1	14		22.17	22.31	21.97		
3	8	0		20.98	20.98	20.92		
3	8	4		20.93	20.96	20.96		
3	8	7		20.94	20.94	20.92		
3	15	0		20.96	20.92	20.95		
3	1	0	256-QAM	19.34	19.12	19.22	12.89	0.0195
3	1	8		19.20	19.02	19.13		
3	1	14		19.03	19.00	18.99		
3	8	0		19.11	19.11	18.98		
3	8	4		19.06	19.08	18.99		
3	8	7		18.97	18.97	18.96		
3	15	0		19.05	19.10	19.00		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.86	23.91	23.86	17.50	0.0562
1.4	1	3		23.72	23.77	23.78		
1.4	1	5		23.88	23.86	23.80		
1.4	3	0		23.95	23.88	23.88		
1.4	3	1		23.91	23.93	23.84		
1.4	3	3		23.94	23.93	23.85		
1.4	6	0		22.99	22.92	22.92		
1.4	1	0	16-QAM	23.29	23.22	23.17	16.92	0.0492
1.4	1	3		23.16	23.21	23.17		
1.4	1	5		23.23	23.37	23.08		
1.4	3	0		22.99	23.02	22.96		
1.4	3	1		22.96	22.97	22.92		
1.4	3	3		22.99	22.97	22.95		
1.4	6	0		21.96	21.91	21.91		
1.4	1	0	64-QAM	22.07	22.09	21.99	15.84	0.0384
1.4	1	3		21.92	22.01	22.18		
1.4	1	5		22.21	22.29	21.99		
1.4	3	0		21.99	21.94	21.95		
1.4	3	1		21.99	22.00	21.92		
1.4	3	3		21.90	21.96	21.91		
1.4	6	0		20.97	20.93	20.95		
1.4	1	0	256-QAM	19.26	19.09	19.18	12.81	0.0191
1.4	1	3		19.11	19.03	19.13		
1.4	1	5		19.01	18.97	19.04		
1.4	3	0		19.17	19.09	19.00		
1.4	3	1		19.06	19.00	19.04		
1.4	3	3		18.98	19.02	18.99		
1.4	6	0		19.00	19.08	18.99		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.90	-	18.75	0.0750
10	1	25			23.76			
10	1	49			23.83			
10	25	0			22.95			
10	25	12			22.94			
10	25	25			22.91			
10	50	0			22.95			
10	1	0	16-QAM		23.21		18.10	0.0646
10	1	25			23.18			
10	1	49			23.25			
10	25	0			22.00			
10	25	12			21.96			
10	25	25			21.98			
10	50	0			21.95			
10	1	0	64-QAM		22.22		17.07	0.0509
10	1	25			22.10			
10	1	49			22.21			
10	25	0			20.95			
10	25	12			20.94			
10	25	25			20.93			
10	50	0			20.93			
10	1	0	256-QAM		19.12		13.97	0.0249
10	1	25			18.89			
10	1	49			19.05			
10	25	0			18.96			
10	25	12			18.92			
10	25	25			18.90			
10	50	0			18.88			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.89	23.85	23.80	18.74	0.0748
5	1	12		23.84	23.84	23.88		
5	1	24		23.86	23.88	23.83		
5	12	0		22.94	22.90	22.96		
5	12	7		22.93	22.90	22.99		
5	12	13		22.91	22.90	23.00		
5	25	0		22.91	22.90	22.94		
5	1	0	16-QAM	23.25	23.19	23.30	18.15	0.0653
5	1	12		23.24	23.20	23.30		
5	1	24		23.11	23.20	23.27		
5	12	0		22.02	21.99	22.04		
5	12	7		22.01	22.00	22.05		
5	12	13		21.99	21.97	22.07		
5	25	0		21.96	21.92	21.98		
5	1	0	64-QAM	22.15	22.10	22.09	17.08	0.0511
5	1	12		22.23	22.10	22.21		
5	1	24		22.06	22.09	22.11		
5	12	0		21.02	20.95	21.03		
5	12	7		21.00	20.94	21.05		
5	12	13		20.98	20.94	21.03		
5	25	0		20.94	20.90	20.99		
5	1	0	256-QAM	19.05	19.06	19.03	13.91	0.0246
5	1	12		18.81	18.89	18.85		
5	1	24		19.03	18.99	19.04		
5	12	0		18.86	18.86	18.89		
5	12	7		18.89	18.84	18.84		
5	12	13		18.90	18.86	18.81		
5	25	0		18.81	18.80	18.86		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.89	23.94	23.93	17.49	0.0561
10	1	25		23.84	23.83	23.85		
10	1	49		23.91	23.87	23.88		
10	25	0		22.92	22.94	22.90		
10	25	12		22.90	22.88	22.89		
10	25	25		22.87	22.86	22.90		
10	50	0		22.93	22.90	22.93		
10	1	0	16-QAM	23.29	23.25	23.25	16.89	0.0489
10	1	25		23.28	23.24	23.26		
10	1	49		23.34	23.19	23.18		
10	25	0		21.97	21.95	21.97		
10	25	12		21.98	21.95	21.97		
10	25	25		21.96	21.95	21.97		
10	50	0		21.95	21.93	21.98		
10	1	0	64-QAM	22.07	22.09	22.16	15.71	0.0372
10	1	25		22.06	22.09	22.15		
10	1	49		22.16	22.12	22.12		
10	25	0		20.97	20.97	20.99		
10	25	12		20.99	20.97	21.00		
10	25	25		20.99	20.98	20.98		
10	50	0		20.97	20.94	20.98		
10	1	0	256-QAM	19.36	19.28	19.25	12.91	0.0195
10	1	25		19.06	19.14	19.23		
10	1	49		19.12	19.13	19.08		
10	25	0		19.21	19.11	19.03		
10	25	12		19.13	19.08	19.15		
10	25	25		19.04	19.06	18.97		
10	50	0		19.00	19.04	19.04		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.81	23.88	23.90	17.45	0.0556
5	1	12		23.79	23.76	23.79		
5	1	24		23.83	23.84	23.80		
5	12	0		22.85	22.88	22.85		
5	12	7		22.83	22.82	22.86		
5	12	13		22.80	22.82	22.83		
5	25	0		22.86	22.87	22.87		
5	1	0	16-QAM	23.26	23.22	23.19	16.83	0.0482
5	1	12		23.24	23.19	23.20		
5	1	24		23.28	23.17	23.10		
5	12	0		21.92	21.92	21.91		
5	12	7		21.96	21.89	21.92		
5	12	13		21.88	21.91	21.91		
5	25	0		21.88	21.90	21.93		
5	1	0	64-QAM	22.02	22.02	22.09	15.66	0.0368
5	1	12		22.02	22.06	22.11		
5	1	24		22.11	22.06	22.09		
5	12	0		20.90	20.93	20.91		
5	12	7		20.91	20.95	20.96		
5	12	13		20.95	20.94	20.94		
5	25	0		20.94	20.87	20.95		
5	1	0	256-QAM	19.31	19.27	19.15	12.86	0.0193
5	1	12		19.01	19.06	19.21		
5	1	24		19.05	19.10	19.01		
5	12	0		19.15	19.07	19.01		
5	12	7		19.13	19.04	19.08		
5	12	13		18.97	19.02	18.97		
5	25	0		18.96	18.96	18.96		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.28	24.29	24.26	20.89	0.1227
15	1	37		24.21	24.24	24.12		
15	1	74		24.26	24.44	24.07		
15	36	0		23.45	23.40	23.30		
15	36	20		23.34	23.53	23.29		
15	36	39		23.24	23.09	23.20		
15	75	0		23.39	23.30	23.32		
15	1	0	16-QAM	23.42	23.34	23.64	20.09	0.1021
15	1	37		23.63	23.58	23.32		
15	1	74		23.63	23.36	23.17		
15	36	0		22.31	22.24	22.38		
15	36	20		22.25	22.14	22.32		
15	36	39		22.28	22.16	22.21		
15	75	0		22.30	22.18	22.31		
15	1	0	64-QAM	22.61	22.40	22.43	19.06	0.0805
15	1	37		22.42	22.46	22.58		
15	1	74		22.07	22.04	22.23		
15	36	0		21.33	21.55	21.31		
15	36	20		21.20	21.13	21.26		
15	36	39		21.24	21.30	21.18		
15	75	0		21.36	21.08	21.30		
15	1	0	256-QAM	19.22	19.13	19.15	16.34	0.0431
15	1	37		19.05	19.10	18.93		
15	1	74		19.05	18.97	18.99		
15	36	0		19.07	19.28	19.06		
15	36	20		19.03	19.08	19.89		
15	36	39		19.00	19.17	18.96		
15	75	0		19.01	19.07	19.01		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.17	24.31	24.23	20.76	0.1191
10	1	25		24.26	24.12	24.16		
10	1	49		24.30	24.23	24.15		
10	25	0		23.44	23.40	23.44		
10	25	12		23.31	23.54	23.36		
10	25	25		23.44	23.19	23.37		
10	50	0		23.35	23.40	23.35		
10	1	0	16-QAM	23.65	23.72	23.52	20.17	0.1040
10	1	25		22.87	23.41	23.31		
10	1	49		23.18	23.67	23.34		
10	25	0		22.46	22.35	22.34		
10	25	12		22.34	22.39	22.25		
10	25	25		22.46	22.40	22.27		
10	50	0		22.46	22.33	22.32		
10	1	0	64-QAM	22.21	22.60	22.46	19.11	0.0815
10	1	25		21.95	22.66	22.61		
10	1	49		22.24	22.19	22.34		
10	25	0		21.17	21.27	21.38		
10	25	12		21.31	21.42	21.31		
10	25	25		21.31	21.32	21.32		
10	50	0		21.30	21.35	21.35		
10	1	0	256-QAM	19.30	19.11	19.10	16.29	0.0426
10	1	25		18.97	19.06	18.90		
10	1	49		18.89	18.90	18.90		
10	25	0		19.12	19.10	19.01		
10	25	12		18.94	18.93	19.84		
10	25	25		18.94	18.99	18.93		
10	50	0		19.14	19.10	18.97		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.25	24.12	24.27	20.78	0.1197
5	1	12		24.22	24.19	24.22		
5	1	24		24.15	24.33	24.25		
5	12	0		23.28	23.33	23.29		
5	12	7		23.29	23.43	23.34		
5	12	13		23.43	23.37	23.28		
5	25	0		23.49	23.49	23.47		
5	1	0	16-QAM	23.57	23.52	23.66	20.11	0.1026
5	1	12		23.34	23.65	23.52		
5	1	24		23.29	23.37	23.44		
5	12	0		22.33	22.36	22.32		
5	12	7		22.26	22.35	22.26		
5	12	13		22.26	22.28	22.22		
5	25	0		22.40	22.26	22.30		
5	1	0	64-QAM	22.59	22.59	22.55	19.04	0.0802
5	1	12		22.52	22.40	22.51		
5	1	24		22.25	22.15	22.36		
5	12	0		21.36	21.30	21.20		
5	12	7		21.37	21.51	21.33		
5	12	13		21.38	21.27	21.31		
5	25	0		21.26	21.34	21.33		
5	1	0	256-QAM	19.24	19.04	19.13	16.24	0.0421
5	1	12		18.94	18.96	18.87		
5	1	24		19.03	19.02	18.98		
5	12	0		19.13	19.10	19.04		
5	12	7		18.91	18.94	19.79		
5	12	13		18.96	18.88	18.91		
5	25	0		19.16	18.92	18.99		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.20	24.23	24.18	20.74	0.1186
3	1	8		24.26	24.29	24.21		
3	1	14		24.24	24.11	24.21		
3	8	0		23.40	23.32	23.24		
3	8	4		23.43	23.46	23.27		
3	8	7		23.42	23.35	23.38		
3	15	0		23.34	23.26	23.37		
3	1	0	16-QAM	23.61	23.15	23.28	20.06	0.1014
3	1	8		23.49	23.18	23.16		
3	1	14		23.49	23.25	23.20		
3	8	0		22.24	22.40	22.34		
3	8	4		22.26	22.22	22.22		
3	8	7		22.32	22.26	22.15		
3	15	0		22.20	22.32	22.29		
3	1	0	64-QAM	22.58	22.44	22.39	19.08	0.0809
3	1	8		22.53	21.95	22.32		
3	1	14		22.54	22.28	22.63		
3	8	0		21.37	21.38	21.36		
3	8	4		21.26	21.13	21.28		
3	8	7		21.23	21.20	21.34		
3	15	0		21.32	21.41	21.38		
3	1	0	256-QAM	19.23	19.19	19.06	16.30	0.0427
3	1	8		18.93	18.89	18.93		
3	1	14		19.06	19.01	18.98		
3	8	0		19.11	19.05	19.01		
3	8	4		19.02	18.97	19.85		
3	8	7		18.85	18.93	18.95		
3	15	0		19.13	19.02	18.91		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.28	24.12	24.06	20.78	0.1197
1.4	1	3		24.14	24.04	24.08		
1.4	1	5		24.13	24.30	24.19		
1.4	3	0		24.18	24.12	24.16		
1.4	3	1		24.32	24.27	24.27		
1.4	3	3		24.33	24.15	24.11		
1.4	6	0		23.16	23.11	23.12		
1.4	1	0	16-QAM	23.56	23.57	23.57	20.15	0.1035
1.4	1	3		23.62	23.56	23.65		
1.4	1	5		23.58	23.67	23.70		
1.4	3	0		23.19	23.32	23.39		
1.4	3	1		23.25	23.38	23.19		
1.4	3	3		23.45	23.33	23.15		
1.4	6	0		22.20	22.39	22.19		
1.4	1	0	64-QAM	22.79	22.31	22.46	19.24	0.0839
1.4	1	3		22.18	22.48	22.46		
1.4	1	5		22.31	22.21	21.96		
1.4	3	0		22.42	22.31	22.26		
1.4	3	1		22.16	22.04	22.35		
1.4	3	3		22.39	22.18	22.29		
1.4	6	0		21.19	21.43	21.23		
1.4	1	0	256-QAM	19.39	19.11	19.14	16.34	0.0431
1.4	1	3		18.91	19.00	18.89		
1.4	1	5		19.02	18.89	18.95		
1.4	3	0		19.16	18.93	19.04		
1.4	3	1		19.08	19.09	19.89		
1.4	3	3		18.95	18.86	18.90		
1.4	6	0		19.11	18.98	18.93		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.11	24.18	24.07	22.38	0.1730
20	1	49		23.91	23.95	23.94		
20	1	99		24.13	24.17	24.13		
20	50	0		23.12	23.17	23.10		
20	50	24		23.09	23.05	23.04		
20	50	50		23.10	23.08	23.06		
20	100	0		23.11	23.06	23.03		
20	1	0	16-QAM	23.17	23.22	23.06	21.55	0.1429
20	1	49		23.18	23.35	23.23		
20	1	99		23.16	23.25	23.11		
20	50	0		22.06	22.05	22.03		
20	50	24		22.09	22.06	22.05		
20	50	50		22.08	22.08	22.05		
20	100	0		22.12	22.10	22.07		
20	1	0	64-QAM	21.97	21.93	21.90	20.17	0.1040
20	1	49		21.94	21.88	21.89		
20	1	99		21.93	21.90	21.96		
20	50	0		21.13	21.06	21.05		
20	50	24		21.09	21.06	21.02		
20	50	50		21.11	21.05	21.06		
20	100	0		21.11	21.08	21.06		
20	1	0	256-QAM	19.27	19.22	19.31	17.51	0.0564
20	1	49		18.97	19.05	18.96		
20	1	99		19.05	19.04	18.94		
20	50	0		19.31	19.29	19.27		
20	50	24		19.19	19.23	19.24		
20	50	50		19.09	19.19	19.25		
20	100	0		19.17	19.17	19.09		
Limit	Power < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.08	24.11	24.02	22.32	0.1706
15	1	37		23.82	23.92	23.86		
15	1	74		24.07	24.12	24.05		
15	36	0		23.04	23.14	23.04		
15	36	20		23.05	22.97	23.01		
15	36	39		23.02	23.02	22.97		
15	75	0		23.07	22.97	23.00		
15	1	0	16-QAM	23.08	23.14	23.01	21.51	0.1416
15	1	37		23.15	23.31	23.14		
15	1	74		23.08	23.19	23.08		
15	36	0		21.99	22.00	21.98		
15	36	20		22.05	21.99	22.02		
15	36	39		22.00	22.01	21.98		
15	75	0		22.05	22.07	22.01		
15	1	0	64-QAM	21.91	21.90	21.82	20.11	0.1026
15	1	37		21.86	21.81	21.86		
15	1	74		21.85	21.82	21.87		
15	36	0		21.08	21.01	21.00		
15	36	20		21.05	20.97	20.96		
15	36	39		21.08	20.97	21.01		
15	75	0		21.05	21.02	20.98		
15	1	0	256-QAM	19.19	19.17	19.24	17.44	0.0555
15	1	37		18.88	18.96	18.94		
15	1	74		19.00	18.97	18.84		
15	36	0		19.22	19.21	19.22		
15	36	20		19.14	19.18	19.18		
15	36	39		19.08	19.11	19.23		
15	75	0		19.13	19.15	19.09		
Limit	Power < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.08	24.12	24.00	22.33	0.1710
10	1	25		23.84	23.89	23.87		
10	1	49		24.07	24.13	24.09		
10	25	0		23.05	23.09	23.02		
10	25	12		23.02	22.96	23.01		
10	25	25		23.05	23.00	23.03		
10	50	0		23.05	23.02	22.94		
10	1	0	16-QAM	23.13	23.18	23.02	21.50	0.1413
10	1	25		23.13	23.30	23.19		
10	1	49		23.12	23.16	23.08		
10	25	0		22.00	22.02	21.96		
10	25	12		22.05	21.97	22.02		
10	25	25		22.01	22.01	22.01		
10	50	0		22.05	22.01	21.98		
10	1	0	64-QAM	21.89	21.84	21.85	20.11	0.1026
10	1	25		21.88	21.84	21.83		
10	1	49		21.85	21.82	21.91		
10	25	0		21.08	21.03	21.01		
10	25	12		21.04	21.00	20.97		
10	25	25		21.07	20.96	21.03		
10	50	0		21.02	21.01	21.02		
10	1	0	256-QAM	19.23	19.13	19.21	17.46	0.0557
10	1	25		18.89	19.01	18.93		
10	1	49		18.95	19.02	18.91		
10	25	0		19.21	19.22	19.26		
10	25	12		19.09	19.20	19.18		
10	25	25		19.01	19.18	19.18		
10	50	0		19.11	19.14	19.07		
Limit	Power < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.08	24.12	24.02	22.32	0.1706
5	1	12		23.83	23.89	23.87		
5	1	24		24.07	24.08	24.05		
5	12	0		23.04	23.08	23.01		
5	12	7		23.04	22.99	22.99		
5	12	13		23.05	23.05	22.98		
5	25	0		23.06	22.97	22.95		
5	1	0	16-QAM	23.13	23.18	23.00	21.50	0.1413
5	1	12		23.09	23.30	23.20		
5	1	24		23.09	23.16	23.03		
5	12	0		21.99	21.98	22.00		
5	12	7		22.01	22.00	21.96		
5	12	13		22.00	22.01	22.01		
5	25	0		22.04	22.06	22.00		
5	1	0	64-QAM	21.89	21.87	21.82	20.10	0.1023
5	1	12		21.90	21.82	21.81		
5	1	24		21.87	21.86	21.87		
5	12	0		21.05	20.98	20.96		
5	12	7		21.02	21.02	20.98		
5	12	13		21.06	21.02	21.01		
5	25	0		21.03	21.05	21.01		
5	1	0	256-QAM	19.23	19.19	19.25	17.48	0.0560
5	1	12		18.87	19.02	18.88		
5	1	24		19.04	19.02	18.92		
5	12	0		19.28	19.20	19.25		
5	12	7		19.16	19.20	19.17		
5	12	13		19.05	19.16	19.16		
5	25	0		19.12	19.13	19.09		
Limit	Power < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.13	26.14	26.10	24.34	0.2716
20	1	49		26.08	26.13	26.05		
20	1	99		26.07	26.04	26.07		
20	50	0		25.08	25.13	24.97		
20	50	24		25.09	25.01	25.02		
20	50	50		25.06	25.02	25.02		
20	100	0		25.06	25.00	24.99		
20	1	0	16-QAM	25.27	25.31	25.55	23.84	0.2421
20	1	49		25.36	25.48	25.64		
20	1	99		25.32	25.39	25.36		
20	50	0		24.06	24.04	23.99		
20	50	24		24.02	24.02	24.01		
20	50	50		24.03	24.04	24.00		
20	100	0		24.09	24.04	24.02		
20	1	0	64-QAM	23.94	24.20	24.18	22.40	0.1738
20	1	49		24.03	24.15	24.17		
20	1	99		23.97	24.03	24.02		
20	50	0		23.07	23.05	22.99		
20	50	24		23.05	23.10	23.06		
20	50	50		23.07	23.11	23.06		
20	100	0		23.05	23.03	22.99		
20	1	0	256-QAM	21.10	21.01	21.18	19.38	0.0867
20	1	49		21.17	21.17	21.16		
20	1	99		21.01	21.03	21.06		
20	50	0		21.12	21.17	21.03		
20	50	24		21.09	21.17	21.02		
20	50	50		21.09	21.13	21.14		
20	100	0		21.09	21.05	21.00		
Limit	Power < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.05	26.09	26.05	24.29	0.2685
15	1	37		26.05	26.06	26.00		
15	1	74		26.00	25.97	26.04		
15	36	0		25.00	25.11	24.95		
15	36	20		25.01	24.95	24.98		
15	36	39		24.98	24.95	24.96		
15	75	0		25.03	24.93	24.92		
15	1	0	16-QAM	25.25	25.29	25.52	23.81	0.2404
15	1	37		25.34	25.42	25.61		
15	1	74		25.30	25.35	25.32		
15	36	0		24.04	24.00	23.91		
15	36	20		23.94	23.98	23.96		
15	36	39		23.96	23.97	23.96		
15	75	0		24.03	24.01	23.95		
15	1	0	64-QAM	23.88	24.13	24.15	22.35	0.1718
15	1	37		23.98	24.13	24.11		
15	1	74		23.93	23.99	23.99		
15	36	0		23.05	23.02	22.91		
15	36	20		22.99	23.08	23.03		
15	36	39		23.00	23.08	23.03		
15	75	0		23.00	22.95	22.96		
15	1	0	256-QAM	21.03	20.99	21.16	19.36	0.0863
15	1	37		21.10	21.09	21.10		
15	1	74		20.98	21.03	20.97		
15	36	0		21.02	21.07	20.97		
15	36	20		20.99	21.12	21.01		
15	36	39		21.09	21.08	21.11		
15	75	0		21.08	20.97	20.96		
Limit	Power < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.05	26.11	26.06	24.31	0.2698
10	1	25		26.00	26.11	25.99		
10	1	49		26.01	26.01	26.05		
10	25	0		25.03	25.07	24.91		
10	25	12		25.07	24.93	24.96		
10	25	25		25.04	24.98	24.99		
10	50	0		24.98	24.93	24.93		
10	1	0	16-QAM	25.22	25.23	25.52	23.80	0.2399
10	1	25		25.30	25.41	25.60		
10	1	49		25.24	25.32	25.29		
10	25	0		24.00	23.98	23.97		
10	25	12		23.95	24.00	23.94		
10	25	25		24.00	23.99	23.95		
10	50	0		24.06	24.01	23.96		
10	1	0	64-QAM	23.86	24.12	24.10	22.35	0.1718
10	1	25		23.99	24.11	24.15		
10	1	49		23.93	23.95	23.98		
10	25	0		23.00	23.03	22.94		
10	25	12		22.99	23.07	22.98		
10	25	25		23.00	23.03	22.99		
10	50	0		22.98	22.97	22.97		
10	1	0	256-QAM	21.05	21.00	21.11	19.34	0.0859
10	1	25		21.09	21.13	21.06		
10	1	49		20.97	21.01	20.99		
10	25	0		21.08	21.14	20.94		
10	25	12		21.07	21.14	20.94		
10	25	25		21.00	21.08	21.11		
10	50	0		21.01	21.03	20.99		
Limit	Power < 2W			Result			Pass	

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -1.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.05	26.09	26.02	24.30	0.2692
5	1	12		26.05	26.10	26.02		
5	1	24		26.05	26.00	26.05		
5	12	0		25.02	25.05	24.95		
5	12	7		25.02	24.95	25.00		
5	12	13		25.04	24.96	24.99		
5	25	0		25.01	24.92	24.91		
5	1	0	16-QAM	25.21	25.23	25.52	23.78	0.2388
5	1	12		25.29	25.41	25.58		
5	1	24		25.24	25.36	25.28		
5	12	0		24.02	24.02	23.94		
5	12	7		23.96	24.00	23.94		
5	12	13		23.98	23.98	23.95		
5	25	0		24.03	23.97	23.95		
5	1	0	64-QAM	23.90	24.17	24.11	22.37	0.1726
5	1	12		23.96	24.13	24.15		
5	1	24		23.92	23.99	23.95		
5	12	0		23.00	23.00	22.92		
5	12	7		23.01	23.06	23.01		
5	12	13		23.05	23.03	23.02		
5	25	0		23.00	22.96	22.95		
5	1	0	256-QAM	21.02	20.94	21.16	19.36	0.0863
5	1	12		21.08	21.16	21.07		
5	1	24		20.92	20.99	21.02		
5	12	0		21.02	21.09	20.98		
5	12	7		21.02	21.08	20.94		
5	12	13		21.02	21.10	21.11		
5	25	0		21.03	20.99	20.91		
Limit	Power < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.92	23.94	23.89	22.54	0.1795
20	1	49		23.87	23.88	23.88		
20	1	99		23.89	23.90	23.83		
20	50	0		22.93	22.96	22.83		
20	50	24		22.92	22.84	22.79		
20	50	50		22.90	22.84	22.78		
20	100	0		22.93	22.95	22.81		
20	1	0	16-QAM	22.94	22.91	23.00	21.72	0.1486
20	1	49		23.12	23.08	23.04		
20	1	99		22.92	23.01	22.96		
20	50	0		21.93	21.83	21.84		
20	50	24		21.92	21.83	21.79		
20	50	50		21.91	21.86	21.80		
20	100	0		21.98	21.89	21.87		
20	1	0	64-QAM	21.66	21.58	21.64	20.30	0.1072
20	1	49		21.67	21.62	21.70		
20	1	99		21.66	21.65	21.61		
20	50	0		20.94	20.87	20.84		
20	50	24		20.92	20.86	20.85		
20	50	50		20.94	20.87	20.83		
20	100	0		20.94	20.87	20.85		
20	1	0	256-QAM	18.94	18.99	19.00	17.78	0.0600
20	1	49		18.87	18.81	18.87		
20	1	99		18.69	18.83	18.77		
20	50	0		19.03	19.18	19.09		
20	50	24		19.01	18.97	19.03		
20	50	50		18.94	18.93	18.99		
20	100	0		19.08	19.07	19.00		
Limit	Power < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.83	23.82	23.78	22.43	0.1750
15	1	37		23.74	23.81	23.81		
15	1	74		23.78	23.78	23.78		
15	36	0		22.87	22.84	22.73		
15	36	20		22.82	22.75	22.71		
15	36	39		22.79	22.71	22.66		
15	75	0		22.81	22.73	22.68		
15	1	0	16-QAM	22.84	22.83	22.88	21.61	0.1449
15	1	37		23.01	23.01	22.92		
15	1	74		22.80	22.91	22.87		
15	36	0		21.83	21.70	21.77		
15	36	20		21.79	21.72	21.71		
15	36	39		21.85	21.75	21.67		
15	75	0		21.92	21.81	21.76		
15	1	0	64-QAM	21.61	21.49	21.57	20.22	0.1052
15	1	37		21.59	21.55	21.62		
15	1	74		21.55	21.57	21.51		
15	36	0		20.89	20.74	20.71		
15	36	20		20.86	20.77	20.75		
15	36	39		20.82	20.77	20.71		
15	75	0		20.89	20.74	20.78		
15	1	0	256-QAM	18.94	18.90	18.97	17.75	0.0596
15	1	37		18.85	18.76	18.86		
15	1	74		18.67	18.73	18.71		
15	36	0		18.93	19.15	19.08		
15	36	20		18.97	18.92	19.01		
15	36	39		18.86	18.92	18.89		
15	75	0		19.02	19.03	18.93		
Limit	Power < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.79	23.84	23.78	22.44	0.1754
10	1	25		23.74	23.78	23.76		
10	1	49		23.79	23.77	23.70		
10	25	0		22.81	22.88	22.73		
10	25	12		22.86	22.73	22.72		
10	25	25		22.82	22.78	22.68		
10	50	0		22.83	22.75	22.68		
10	1	0	16-QAM	22.85	22.83	22.92	21.59	0.1442
10	1	25		22.99	22.99	22.96		
10	1	49		22.86	22.88	22.83		
10	25	0		21.86	21.78	21.76		
10	25	12		21.84	21.75	21.72		
10	25	25		21.78	21.76	21.70		
10	50	0		21.91	21.83	21.76		
10	1	0	64-QAM	21.58	21.50	21.55	20.22	0.1052
10	1	25		21.55	21.55	21.62		
10	1	49		21.61	21.60	21.50		
10	25	0		20.84	20.74	20.72		
10	25	12		20.86	20.73	20.78		
10	25	25		20.81	20.76	20.71		
10	50	0		20.82	20.75	20.72		
10	1	0	256-QAM	18.94	18.91	18.99	17.69	0.0587
10	1	25		18.80	18.72	18.81		
10	1	49		18.67	18.80	18.67		
10	25	0		18.98	19.09	19.06		
10	25	12		19.01	18.96	18.97		
10	25	25		18.92	18.90	18.89		
10	50	0		19.08	18.98	18.96		
Limit	Power < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.83	23.87	23.82	22.47	0.1766
5	1	12		23.74	23.77	23.81		
5	1	24		23.83	23.79	23.74		
5	12	0		22.82	22.90	22.72		
5	12	7		22.87	22.74	22.73		
5	12	13		22.84	22.72	22.65		
5	25	0		22.84	22.73	22.70		
5	1	0	16-QAM	22.89	22.78	22.94	21.61	0.1449
5	1	12		23.01	22.99	22.97		
5	1	24		22.80	22.92	22.84		
5	12	0		21.81	21.76	21.77		
5	12	7		21.86	21.72	21.73		
5	12	13		21.81	21.81	21.71		
5	25	0		21.90	21.78	21.75		
5	1	0	64-QAM	21.55	21.51	21.56	20.22	0.1052
5	1	12		21.56	21.50	21.62		
5	1	24		21.60	21.58	21.48		
5	12	0		20.88	20.80	20.73		
5	12	7		20.87	20.74	20.72		
5	12	13		20.81	20.77	20.74		
5	25	0		20.84	20.81	20.80		
5	1	0	256-QAM	18.91	18.89	19.00	17.78	0.0600
5	1	12		18.86	18.80	18.86		
5	1	24		18.69	18.74	18.70		
5	12	0		18.98	19.18	19.06		
5	12	7		18.92	18.93	18.97		
5	12	13		18.85	18.83	18.92		
5	25	0		19.01	18.98	18.92		
Limit	Power < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.73	25.86	25.73	24.46	0.2793
20	1	49		25.72	25.78	25.68		
20	1	99		25.72	25.73	25.72		
20	50	0		24.85	24.89	24.79		
20	50	24		24.84	24.80	24.75		
20	50	50		24.87	24.79	24.75		
20	100	0		24.89	24.80	24.74		
20	1	0	16-QAM	25.29	25.32	25.33	23.99	0.2506
20	1	49		25.24	25.39	25.21		
20	1	99		25.11	25.16	25.05		
20	50	0		23.86	23.81	23.77		
20	50	24		23.85	23.80	23.76		
20	50	50		23.87	23.79	23.78		
20	100	0		23.91	23.85	23.83		
20	1	0	64-QAM	24.02	23.87	23.98	22.67	0.1849
20	1	49		24.07	23.93	23.85		
20	1	99		23.80	23.81	23.75		
20	50	0		22.88	22.84	22.80		
20	50	24		22.93	22.85	22.86		
20	50	50		22.93	22.87	22.86		
20	100	0		22.91	22.81	22.84		
20	1	0	256-QAM	20.81	20.83	20.80	19.60	0.0912
20	1	49		20.82	20.77	20.80		
20	1	99		20.70	20.64	20.67		
20	50	0		20.93	20.99	20.99		
20	50	24		21.00	20.86	20.95		
20	50	50		20.84	20.94	20.94		
20	100	0		20.97	21.00	20.99		
Limit	Power < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.64	25.75	25.70	24.35	0.2723
15	1	37		25.69	25.68	25.75		
15	1	74		25.69	25.61	25.59		
15	36	0		24.74	24.84	24.76		
15	36	20		24.81	24.71	24.63		
15	36	39		24.79	24.68	24.66		
15	75	0		24.86	24.73	24.62		
15	1	0	16-QAM	25.19	25.24	25.24	23.94	0.2477
15	1	37		25.14	25.34	25.15		
15	1	74		25.08	25.11	24.96		
15	36	0		23.75	23.71	23.73		
15	36	20		23.73	23.77	23.72		
15	36	39		23.78	23.73	23.70		
15	75	0		23.84	23.81	23.80		
15	1	0	64-QAM	23.99	23.75	23.87	22.60	0.1820
15	1	37		24.00	23.89	23.77		
15	1	74		23.72	23.78	23.65		
15	36	0		22.81	22.77	22.68		
15	36	20		22.85	22.74	22.79		
15	36	39		22.90	22.84	22.80		
15	75	0		22.88	22.77	22.75		
15	1	0	256-QAM	20.81	20.73	20.72	19.57	0.0906
15	1	37		20.79	20.71	20.70		
15	1	74		20.62	20.61	20.62		
15	36	0		20.93	20.95	20.94		
15	36	20		20.97	20.76	20.94		
15	36	39		20.76	20.89	20.87		
15	75	0		20.94	20.91	20.94		
Limit	Power < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.61	25.79	25.68	24.39	0.2748
10	1	25		25.72	25.69	25.72		
10	1	49		25.71	25.62	25.59		
10	25	0		24.73	24.84	24.74		
10	25	12		24.73	24.73	24.70		
10	25	25		24.75	24.75	24.70		
10	50	0		24.84	24.73	24.64		
10	1	0	16-QAM	25.17	25.28	25.27	23.90	0.2455
10	1	25		25.14	25.30	25.16		
10	1	49		25.06	25.11	25.01		
10	25	0		23.77	23.69	23.73		
10	25	12		23.75	23.72	23.71		
10	25	25		23.77	23.67	23.73		
10	50	0		23.87	23.77	23.77		
10	1	0	64-QAM	23.90	23.76	23.86	22.64	0.1837
10	1	25		24.04	23.86	23.78		
10	1	49		23.73	23.75	23.68		
10	25	0		22.82	22.79	22.72		
10	25	12		22.90	22.74	22.83		
10	25	25		22.86	22.78	22.74		
10	50	0		22.81	22.76	22.73		
10	1	0	256-QAM	20.71	20.82	20.79	19.57	0.0906
10	1	25		20.77	20.69	20.78		
10	1	49		20.69	20.57	20.61		
10	25	0		20.85	20.91	20.96		
10	25	12		20.94	20.76	20.85		
10	25	25		20.77	20.91	20.87		
10	50	0		20.97	20.94	20.93		
Limit	Power < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.69	25.81	25.62	24.41	0.2761
5	1	12		25.76	25.74	25.75		
5	1	24		25.71	25.65	25.59		
5	12	0		24.73	24.80	24.73		
5	12	7		24.78	24.73	24.70		
5	12	13		24.82	24.67	24.72		
5	25	0		24.81	24.69	24.67		
5	1	0	16-QAM	25.22	25.20	25.23	23.95	0.2483
5	1	12		25.21	25.35	25.12		
5	1	24		25.05	25.04	25.00		
5	12	0		23.79	23.77	23.73		
5	12	7		23.74	23.73	23.70		
5	12	13		23.83	23.76	23.66		
5	25	0		23.87	23.82	23.80		
5	1	0	64-QAM	23.91	23.84	23.95	22.57	0.1807
5	1	12		23.97	23.85	23.77		
5	1	24		23.74	23.76	23.65		
5	12	0		22.81	22.77	22.68		
5	12	7		22.83	22.81	22.79		
5	12	13		22.82	22.84	22.74		
5	25	0		22.88	22.71	22.77		
5	1	0	256-QAM	20.75	20.73	20.79	19.57	0.0906
5	1	12		20.73	20.68	20.73		
5	1	24		20.60	20.55	20.60		
5	12	0		20.92	20.96	20.91		
5	12	7		20.90	20.80	20.89		
5	12	13		20.78	20.90	20.92		
5	25	0		20.97	20.95	20.95		
Limit	Power < 2W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	23.77	-	22.47	0.1766
10	1	25			23.63			
10	1	49			23.76			
10	25	0			23.25			
10	25	12			23.23			
10	25	25			23.22			
10	50	0			23.24			
10	1	0	16-QAM		23.35		22.10	0.1622
10	1	25			23.32			
10	1	49			23.40			
10	25	0			22.22			
10	25	12			22.22			
10	25	25			22.21			
10	50	0			22.21			
10	1	0	64-QAM		22.28		21.04	0.1271
10	1	25			22.23			
10	1	49			22.34			
10	25	0			21.19			
10	25	12			21.20			
10	25	25			21.19			
10	50	0			21.19			
10	1	0	256-QAM		19.04		17.78	0.0600
10	1	25			19.05			
10	1	49			19.00			
10	25	0			19.08			
10	25	12			19.01			
10	25	25			19.03			
10	50	0			19.06			
Limit	EIRP < 250W/5MHz			Result			Pass	

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

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.75	23.76	23.74	22.46	0.1762
5	1	12		23.71	23.75	23.70		
5	1	24		23.74	23.76	23.71		
5	12	0		23.18	23.20	23.14		
5	12	7		23.18	23.21	23.15		
5	12	13		23.19	23.18	23.15		
5	25	0		23.19	23.19	23.14		
5	1	0	16-QAM	23.37	23.44	23.44	22.24	0.1675
5	1	12		23.45	23.54	23.41		
5	1	24		23.38	23.48	23.37		
5	12	0		22.16	22.21	22.18		
5	12	7		22.18	22.21	22.18		
5	12	13		22.20	22.25	22.18		
5	25	0		22.17	22.22	22.17		
5	1	0	64-QAM	22.30	22.33	22.28	21.19	0.1315
5	1	12		22.32	22.48	22.49		
5	1	24		22.30	22.37	22.24		
5	12	0		21.12	21.19	21.19		
5	12	7		21.13	21.19	21.18		
5	12	13		21.15	21.21	21.18		
5	25	0		21.14	21.18	21.12		
5	1	0	256-QAM	18.97	19.00	18.97	17.78	0.0600
5	1	12		19.01	18.99	19.05		
5	1	24		18.92	19.00	18.99		
5	12	0		19.08	18.99	18.99		
5	12	7		18.93	18.92	19.00		
5	12	13		18.98	18.95	18.97		
5	25	0		19.01	19.03	19.05		
Limit	EIRP < 250W/5MHz			Result			Pass	

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

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.86	23.88	23.72	24.78	0.3006
20	1	49		23.84	23.78	23.65		
20	1	99		23.70	23.58	23.49		
20	50	0		22.85	22.86	22.68		
20	50	24		22.81	22.71	22.62		
20	50	50		22.76	22.66	22.58		
20	100	0		22.82	22.88	22.67		
20	1	0	16-QAM	23.14	23.07	22.95	24.04	0.2535
20	1	49		23.10	23.04	22.91		
20	1	99		22.89	22.85	22.67		
20	50	0		21.84	21.73	21.65		
20	50	24		21.80	21.67	21.60		
20	50	50		21.75	21.61	21.53		
20	100	0		21.80	21.72	21.63		
20	1	0	64-QAM	22.05	21.87	21.87	22.97	0.1982
20	1	49		22.07	21.92	21.76		
20	1	99		21.80	21.77	21.59		
20	50	0		20.84	20.72	20.64		
20	50	24		20.81	20.68	20.59		
20	50	50		20.74	20.61	20.53		
20	100	0		20.80	20.71	20.61		
20	1	0	256-QAM	18.48	18.51	18.43	19.55	0.0902
20	1	49		18.44	18.47	18.42		
20	1	99		18.46	18.43	18.50		
20	50	0		18.41	18.44	18.49		
20	50	24		18.50	18.38	18.45		
20	50	50		18.57	18.44	18.47		
20	100	0		18.65	18.56	18.52		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.75	23.83	23.68	24.73	0.2972
15	1	37		23.76	23.75	23.57		
15	1	74		23.60	23.48	23.46		
15	36	0		22.82	22.74	22.60		
15	36	20		22.69	22.65	22.55		
15	36	39		22.66	22.57	22.55		
15	75	0		22.76	22.71	22.64		
15	1	0	16-QAM	23.09	23.03	22.84	23.99	0.2506
15	1	37		23.06	22.99	22.84		
15	1	74		22.79	22.82	22.58		
15	36	0		21.73	21.64	21.57		
15	36	20		21.72	21.55	21.52		
15	36	39		21.68	21.58	21.50		
15	75	0		21.76	21.67	21.57		
15	1	0	64-QAM	22.02	21.75	21.81	22.92	0.1959
15	1	37		22.02	21.84	21.72		
15	1	74		21.73	21.73	21.51		
15	36	0		20.75	20.62	20.54		
15	36	20		20.78	20.61	20.55		
15	36	39		20.68	20.58	20.43		
15	75	0		20.75	20.60	20.54		
15	1	0	256-QAM	18.42	18.51	18.34	19.48	0.0887
15	1	37		18.34	18.46	18.37		
15	1	74		18.41	18.33	18.46		
15	36	0		18.40	18.37	18.49		
15	36	20		18.49	18.29	18.44		
15	36	39		18.48	18.38	18.42		
15	75	0		18.58	18.54	18.49		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.82	23.83	23.64	24.73	0.2972
10	1	25		23.77	23.68	23.57		
10	1	49		23.58	23.53	23.37		
10	25	0		22.82	22.77	22.64		
10	25	12		22.77	22.65	22.50		
10	25	25		22.70	22.55	22.47		
10	50	0		22.72	22.70	22.61		
10	1	0	16-QAM	23.06	23.04	22.84	23.96	0.2489
10	1	25		23.01	22.96	22.85		
10	1	49		22.78	22.76	22.64		
10	25	0		21.73	21.63	21.60		
10	25	12		21.70	21.55	21.51		
10	25	25		21.72	21.58	21.42		
10	50	0		21.77	21.63	21.59		
10	1	0	64-QAM	21.96	21.75	21.81	22.90	0.1950
10	1	25		22.00	21.89	21.68		
10	1	49		21.71	21.67	21.54		
10	25	0		20.76	20.68	20.54		
10	25	12		20.69	20.65	20.48		
10	25	25		20.66	20.58	20.42		
10	50	0		20.76	20.67	20.52		
10	1	0	256-QAM	18.42	18.41	18.34	19.49	0.0889
10	1	25		18.39	18.37	18.38		
10	1	49		18.39	18.36	18.48		
10	25	0		18.41	18.42	18.46		
10	25	12		18.40	18.35	18.38		
10	25	25		18.52	18.36	18.40		
10	50	0		18.59	18.49	18.43		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.78	23.77	23.61	24.68	0.2938
5	1	12		23.75	23.66	23.58		
5	1	24		23.60	23.52	23.46		
5	12	0		22.75	22.83	22.64		
5	12	7		22.73	22.59	22.53		
5	12	13		22.64	22.57	22.53		
5	25	0		22.78	22.70	22.62		
5	1	0	16-QAM	23.11	22.99	22.91	24.01	0.2518
5	1	12		23.07	22.99	22.84		
5	1	24		22.81	22.78	22.56		
5	12	0		21.73	21.63	21.60		
5	12	7		21.68	21.56	21.55		
5	12	13		21.65	21.53	21.46		
5	25	0		21.69	21.68	21.58		
5	1	0	64-QAM	21.99	21.80	21.80	22.89	0.1945
5	1	12		21.98	21.84	21.71		
5	1	24		21.74	21.68	21.47		
5	12	0		20.77	20.66	20.58		
5	12	7		20.71	20.64	20.49		
5	12	13		20.71	20.51	20.41		
5	25	0		20.76	20.61	20.50		
5	1	0	256-QAM	18.45	18.48	18.39	19.49	0.0889
5	1	12		18.40	18.40	18.38		
5	1	24		18.42	18.34	18.45		
5	12	0		18.39	18.37	18.43		
5	12	7		18.43	18.35	18.45		
5	12	13		18.47	18.39	18.45		
5	25	0		18.59	18.50	18.48		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.74	23.83	23.68	24.73	0.2972
3	1	8		23.73	23.73	23.57		
3	1	14		23.65	23.55	23.41		
3	8	0		22.76	22.76	22.57		
3	8	4		22.69	22.65	22.58		
3	8	7		22.67	22.57	22.50		
3	15	0		22.75	22.71	22.60		
3	1	0	16-QAM	23.07	23.02	22.84	23.97	0.2495
3	1	8		23.06	22.98	22.83		
3	1	14		22.80	22.77	22.58		
3	8	0		21.76	21.61	21.57		
3	8	4		21.76	21.56	21.57		
3	8	7		21.72	21.54	21.44		
3	15	0		21.71	21.64	21.59		
3	1	0	64-QAM	21.98	21.80	21.76	22.89	0.1945
3	1	8		21.99	21.87	21.68		
3	1	14		21.74	21.72	21.54		
3	8	0		20.80	20.63	20.57		
3	8	4		20.70	20.62	20.54		
3	8	7		20.70	20.57	20.46		
3	15	0		20.68	20.67	20.56		
3	1	0	256-QAM	18.41	18.51	18.35	19.50	0.0891
3	1	8		18.42	18.46	18.35		
3	1	14		18.45	18.34	18.43		
3	8	0		18.35	18.36	18.43		
3	8	4		18.50	18.28	18.42		
3	8	7		18.47	18.39	18.46		
3	15	0		18.60	18.53	18.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.74	23.77	23.60	24.70	0.2951
1.4	1	3		23.80	23.72	23.57		
1.4	1	5		23.63	23.48	23.39		
1.4	3	0		23.79	23.74	23.60		
1.4	3	1		23.69	23.67	23.50		
1.4	3	3		23.72	23.54	23.47		
1.4	6	0		22.72	22.71	22.64		
1.4	1	0	16-QAM	23.07	23.03	22.86	23.97	0.2495
1.4	1	3		23.06	23.00	22.88		
1.4	1	5		22.86	22.79	22.55		
1.4	3	0		22.72	22.70	22.62		
1.4	3	1		22.72	22.61	22.57		
1.4	3	3		22.70	22.56	22.47		
1.4	6	0		21.74	21.69	21.54		
1.4	1	0	64-QAM	22.00	21.76	21.82	22.90	0.1950
1.4	1	3		21.99	21.89	21.72		
1.4	1	5		21.74	21.70	21.51		
1.4	3	0		21.72	21.61	21.57		
1.4	3	1		21.76	21.57	21.51		
1.4	3	3		21.62	21.49	21.45		
1.4	6	0		20.71	20.62	20.54		
1.4	1	0	256-QAM	18.43	18.44	18.33	19.48	0.0887
1.4	1	3		18.44	18.38	18.32		
1.4	1	5		18.39	18.34	18.49		
1.4	3	0		18.36	18.40	18.46		
1.4	3	1		18.44	18.34	18.36		
1.4	3	3		18.48	18.40	18.38		
1.4	6	0		18.58	18.53	18.52		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.96	24.00	23.99	16.25	0.0422
20	1	49		23.94	23.89	23.93		
20	1	99		23.85	23.84	23.76		
20	50	0		22.90	22.93	22.82		
20	50	24		22.81	22.79	22.80		
20	50	50		22.76	22.75	22.80		
20	100	0		22.83	22.81	22.80		
20	1	0	16-QAM	23.27	23.29	23.38	15.63	0.0366
20	1	49		23.32	23.24	23.23		
20	1	99		23.27	23.27	23.08		
20	50	0		21.89	21.85	21.86		
20	50	24		21.83	21.83	21.82		
20	50	50		21.80	21.80	21.80		
20	100	0		21.89	21.89	21.87		
20	1	0	64-QAM	22.11	22.12	22.19	14.45	0.0279
20	1	49		22.20	22.09	22.09		
20	1	99		22.16	22.19	22.02		
20	50	0		20.91	20.87	20.89		
20	50	24		20.89	20.85	20.88		
20	50	50		20.84	20.82	20.84		
20	100	0		20.90	20.91	20.90		
20	1	0	256-QAM	19.04	19.01	18.98	11.29	0.0135
20	1	49		18.91	18.90	18.85		
20	1	99		18.74	18.70	18.63		
20	50	0		18.90	18.94	18.97		
20	50	24		18.78	18.80	18.80		
20	50	50		18.72	18.68	18.66		
20	100	0		18.87	18.91	18.96		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.92	23.88	23.86	16.17	0.0414
15	1	37		23.84	23.81	23.87		
15	1	74		23.75	23.73	23.64		
15	36	0		22.83	22.89	22.78		
15	36	20		22.74	22.75	22.74		
15	36	39		22.65	22.66	22.69		
15	75	0		22.75	22.71	22.72		
15	1	0	16-QAM	23.21	23.25	23.25	15.50	0.0355
15	1	37		23.20	23.15	23.12		
15	1	74		23.22	23.20	22.98		
15	36	0		21.81	21.77	21.80		
15	36	20		21.77	21.71	21.70		
15	36	39		21.68	21.71	21.68		
15	75	0		21.85	21.77	21.79		
15	1	0	64-QAM	22.03	22.02	22.12	14.37	0.0274
15	1	37		22.10	22.03	22.04		
15	1	74		22.12	22.10	21.98		
15	36	0		20.84	20.81	20.81		
15	36	20		20.82	20.76	20.84		
15	36	39		20.75	20.76	20.72		
15	75	0		20.84	20.81	20.78		
15	1	0	256-QAM	19.04	18.94	18.92	11.29	0.0135
15	1	37		18.90	18.90	18.83		
15	1	74		18.67	18.67	18.63		
15	36	0		18.88	18.87	18.87		
15	36	20		18.72	18.74	18.76		
15	36	39		18.68	18.60	18.61		
15	75	0		18.85	18.90	18.90		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.91	23.92	23.90	16.17	0.0414
10	1	25		23.82	23.79	23.83		
10	1	49		23.79	23.74	23.66		
10	25	0		22.80	22.83	22.76		
10	25	12		22.72	22.70	22.69		
10	25	25		22.67	22.71	22.67		
10	50	0		22.78	22.77	22.73		
10	1	0	16-QAM	23.19	23.16	23.34	15.59	0.0362
10	1	25		23.25	23.17	23.16		
10	1	49		23.14	23.14	22.98		
10	25	0		21.77	21.81	21.76		
10	25	12		21.74	21.79	21.78		
10	25	25		21.71	21.74	21.71		
10	50	0		21.81	21.76	21.77		
10	1	0	64-QAM	21.99	22.02	22.08	14.36	0.0273
10	1	25		22.10	22.00	22.03		
10	1	49		22.11	22.10	21.91		
10	25	0		20.82	20.81	20.82		
10	25	12		20.76	20.77	20.78		
10	25	25		20.76	20.70	20.75		
10	50	0		20.80	20.86	20.82		
10	1	0	256-QAM	19.00	18.93	18.96	11.25	0.0133
10	1	25		18.87	18.83	18.80		
10	1	49		18.68	18.60	18.61		
10	25	0		18.84	18.92	18.87		
10	25	12		18.75	18.75	18.77		
10	25	25		18.63	18.66	18.66		
10	50	0		18.86	18.86	18.90		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.89	23.95	23.90	16.20	0.0417
5	1	12		23.82	23.76	23.88		
5	1	24		23.73	23.73	23.68		
5	12	0		22.86	22.81	22.77		
5	12	7		22.71	22.73	22.68		
5	12	13		22.70	22.69	22.75		
5	25	0		22.77	22.69	22.67		
5	1	0	16-QAM	23.14	23.22	23.27	15.52	0.0356
5	1	12		23.22	23.15	23.15		
5	1	24		23.20	23.23	23.04		
5	12	0		21.78	21.72	21.74		
5	12	7		21.72	21.70	21.70		
5	12	13		21.69	21.74	21.76		
5	25	0		21.79	21.81	21.79		
5	1	0	64-QAM	22.01	21.99	22.08	14.41	0.0276
5	1	12		22.16	22.04	22.05		
5	1	24		22.07	22.13	21.95		
5	12	0		20.87	20.76	20.82		
5	12	7		20.81	20.80	20.79		
5	12	13		20.79	20.78	20.80		
5	25	0		20.79	20.86	20.81		
5	1	0	256-QAM	18.97	18.99	18.97	11.24	0.0133
5	1	12		18.87	18.83	18.75		
5	1	24		18.73	18.63	18.61		
5	12	0		18.84	18.93	18.88		
5	12	7		18.76	18.80	18.70		
5	12	13		18.70	18.64	18.68		
5	25	0		18.78	18.90	18.89		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.91	-	18.46	0.0701
10	1	25			23.79			
10	1	49			23.81			
10	25	0			22.89			
10	25	12			22.85			
10	25	25			22.81			
10	50	0			22.89			
10	1	0	16-QAM		23.25		17.80	0.0603
10	1	25			23.22			
10	1	49			23.23			
10	25	0			21.94			
10	25	12			21.91			
10	25	25			21.88			
10	50	0			21.89			
10	1	0	64-QAM		22.08		16.69	0.0467
10	1	25			22.06			
10	1	49			22.14			
10	25	0			20.91			
10	25	12			20.91			
10	25	25			20.86			
10	50	0			20.88			
10	1	0	256-QAM		19.13		13.68	0.0233
10	1	25			18.90			
10	1	49			19.00			
10	25	0			18.97			
10	25	12			18.93			
10	25	25			18.91			
10	50	0			18.95			
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	23.84	23.87	18.45	0.0700
5	1	12		23.81	23.81	23.90		
5	1	24		23.88	23.82	23.86		
5	12	0		22.92	22.90	22.92		
5	12	7		22.92	22.89	22.92		
5	12	13		22.90	22.88	22.90		
5	25	0		22.87	22.81	22.82		
5	1	0	16-QAM	23.20	23.23	23.30	17.87	0.0612
5	1	12		23.32	23.31	23.32		
5	1	24		23.21	23.21	23.15		
5	12	0		21.99	21.98	22.00		
5	12	7		21.98	21.98	22.00		
5	12	13		21.97	21.98	21.97		
5	25	0		21.90	21.88	21.90		
5	1	0	64-QAM	22.11	22.12	22.14	16.74	0.0472
5	1	12		22.14	22.17	22.19		
5	1	24		22.09	22.13	22.06		
5	12	0		20.96	20.94	21.00		
5	12	7		20.98	20.95	20.96		
5	12	13		20.98	20.97	20.97		
5	25	0		20.93	20.89	20.90		
5	1	0	256-QAM	19.07	19.06	19.13	13.68	0.0233
5	1	12		18.86	18.86	18.87		
5	1	24		18.96	18.90	18.92		
5	12	0		18.97	18.96	18.89		
5	12	7		18.89	18.89	18.89		
5	12	13		18.82	18.86	18.84		
5	25	0		18.88	18.94	18.93		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.27	-	-	20.72	0.1180
15	1	37		24.12	-	-		
15	1	74		24.24	-	-		
15	36	0		23.42	-	-		
15	36	20		23.41	-	-		
15	36	39		23.28	-	-		
15	75	0		23.38	-	-		
15	1	0	16-QAM	23.42	-	-	20.01	0.1002
15	1	37		23.56	-	-		
15	1	74		23.42	-	-		
15	36	0		22.40	-	-		
15	36	20		22.24	-	-		
15	36	39		22.21	-	-		
15	75	0		22.35	-	-		
15	1	0	64-QAM	22.49	-	-	18.94	0.0783
15	1	37		22.40	-	-		
15	1	74		22.24	-	-		
15	36	0		21.35	-	-		
15	36	20		21.17	-	-		
15	36	39		21.28	-	-		
15	75	0		21.26	-	-		
15	1	0	256-QAM	19.32	-	-	15.77	0.0378
15	1	37		19.04	-	-		
15	1	74		19.08	-	-		
15	36	0		19.15	-	-		
15	36	20		19.02	-	-		
15	36	39		19.03	-	-		
15	75	0		19.12	-	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.26	-	20.71	0.1178
10	1	25		-	24.19	-		
10	1	49		-	24.17	-		
10	25	0		-	23.41	-		
10	25	12		-	23.44	-		
10	25	25		-	23.27	-		
10	50	0		-	23.41	-		
10	1	0	16-QAM	-	23.76	-	20.21	0.1050
10	1	25		-	23.38	-		
10	1	49		-	23.63	-		
10	25	0		-	22.40	-		
10	25	12		-	22.32	-		
10	25	25		-	22.38	-		
10	50	0		-	22.35	-		
10	1	0	64-QAM	-	22.59	-	19.04	0.0802
10	1	25		-	22.58	-		
10	1	49		-	22.22	-		
10	25	0		-	21.28	-		
10	25	12		-	21.33	-		
10	25	25		-	21.28	-		
10	50	0		-	21.36	-		
10	1	0	256-QAM	-	19.19	-	15.64	0.0366
10	1	25		-	19.05	-		
10	1	49		-	18.95	-		
10	25	0		-	19.02	-		
10	25	12		-	18.98	-		
10	25	25		-	18.91	-		
10	50	0		-	19.01	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.24	24.27	24.25	20.73	0.1183
5	1	12		24.27	24.21	24.28		
5	1	24		24.22	24.12	24.24		
5	12	0		23.31	23.29	23.31		
5	12	7		23.35	23.43	23.32		
5	12	13		23.34	23.32	23.37		
5	25	0		23.44	23.41	23.49		
5	1	0	16-QAM	23.56	23.55	23.57	20.02	0.1005
5	1	12		23.44	23.52	23.48		
5	1	24		23.34	23.35	23.40		
5	12	0		22.32	22.23	22.33		
5	12	7		22.34	22.44	22.42		
5	12	13		22.35	22.43	22.29		
5	25	0		22.34	22.44	22.40		
5	1	0	64-QAM	22.57	22.48	22.47	19.02	0.0798
5	1	12		22.45	22.51	22.46		
5	1	24		22.15	22.21	22.23		
5	12	0		21.37	21.30	21.40		
5	12	7		21.46	21.38	21.49		
5	12	13		21.33	21.28	21.26		
5	25	0		21.30	21.30	21.36		
5	1	0	256-QAM	19.23	19.25	19.30	15.75	0.0376
5	1	12		18.94	18.88	18.89		
5	1	24		19.02	18.94	19.01		
5	12	0		19.11	19.12	19.01		
5	12	7		19.01	18.95	19.01		
5	12	13		18.94	18.93	18.99		
5	25	0		19.06	19.16	19.15		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.26	24.16	24.17	20.73	0.1183
3	1	8		24.25	24.27	24.28		
3	1	14		24.26	24.24	24.22		
3	8	0		23.37	23.39	23.42		
3	8	4		23.44	23.52	23.49		
3	8	7		23.34	23.44	23.25		
3	15	0		23.37	23.42	23.42		
3	1	0	16-QAM	23.62	23.65	23.52	20.11	0.1026
3	1	8		23.58	23.66	23.58		
3	1	14		23.56	23.55	23.63		
3	8	0		22.30	22.21	22.35		
3	8	4		22.29	22.30	22.26		
3	8	7		22.33	22.37	22.27		
3	15	0		22.27	22.32	22.37		
3	1	0	64-QAM	22.67	22.70	22.69	19.15	0.0822
3	1	8		22.62	22.65	22.56		
3	1	14		22.63	22.61	22.67		
3	8	0		21.34	21.28	21.25		
3	8	4		21.28	21.21	21.20		
3	8	7		21.30	21.36	21.21		
3	15	0		21.29	21.28	21.19		
3	1	0	256-QAM	19.32	19.30	19.29	15.77	0.0378
3	1	8		19.03	19.09	19.05		
3	1	14		19.01	19.03	19.02		
3	8	0		19.14	19.06	19.09		
3	8	4		19.01	18.91	18.95		
3	8	7		18.95	18.86	18.98		
3	15	0		19.03	19.13	19.02		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.18	24.17	24.14	20.77	0.1194
1.4	1	3		24.16	24.17	24.06		
1.4	1	5		24.19	24.09	24.22		
1.4	3	0		24.25	24.23	24.22		
1.4	3	1		24.27	24.26	24.26		
1.4	3	3		24.24	24.32	24.16		
1.4	6	0		23.23	23.29	23.22		
1.4	1	0	16-QAM	23.49	23.56	23.57	20.12	0.1028
1.4	1	3		23.53	23.49	23.48		
1.4	1	5		23.57	23.61	23.67		
1.4	3	0		23.20	23.18	23.22		
1.4	3	1		23.35	23.34	23.27		
1.4	3	3		23.55	23.64	23.57		
1.4	6	0		22.25	22.33	22.17		
1.4	1	0	64-QAM	22.71	22.70	22.65	19.16	0.0824
1.4	1	3		22.28	22.22	22.36		
1.4	1	5		22.27	22.27	22.36		
1.4	3	0		22.33	22.28	22.28		
1.4	3	1		22.08	22.04	22.07		
1.4	3	3		22.42	22.51	22.46		
1.4	6	0		21.16	21.25	21.17		
1.4	1	0	256-QAM	19.32	19.27	19.39	15.84	0.0384
1.4	1	3		18.99	18.94	18.98		
1.4	1	5		19.01	18.98	18.96		
1.4	3	0		19.12	19.13	19.19		
1.4	3	1		18.99	19.05	19.06		
1.4	3	3		18.94	18.84	19.01		
1.4	6	0		19.10	19.08	19.19		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.28	-	20.73	0.1183
15	1	37		-	24.14	-		
15	1	74		-	24.17	-		
15	36	0		-	23.43	-		
15	36	20		-	23.44	-		
15	36	39		-	23.24	-		
15	75	0		-	23.44	-		
15	1	0	16-QAM	-	23.32	-	20.03	0.1007
15	1	37		-	23.58	-		
15	1	74		-	23.36	-		
15	36	0		-	22.40	-		
15	36	20		-	22.31	-		
15	36	39		-	22.18	-		
15	75	0		-	22.44	-		
15	1	0	64-QAM	-	22.56	-	19.01	0.0796
15	1	37		-	22.49	-		
15	1	74		-	22.24	-		
15	36	0		-	21.45	-		
15	36	20		-	21.13	-		
15	36	39		-	21.21	-		
15	75	0		-	21.31	-		
15	1	0	256-QAM	-	19.30	-	15.75	0.0376
15	1	37		-	18.97	-		
15	1	74		-	19.11	-		
15	36	0		-	19.13	-		
15	36	20		-	19.06	-		
15	36	39		-	19.03	-		
15	75	0		-	19.18	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.28	-	20.73	0.1183
10	1	25		-	24.18	-		
10	1	49		-	24.24	-		
10	25	0		-	23.45	-		
10	25	12		-	23.42	-		
10	25	25		-	23.36	-		
10	50	0		-	23.26	-		
10	1	0	16-QAM	-	23.55	-	20.00	0.1000
10	1	25		-	22.76	-		
10	1	49		-	23.12	-		
10	25	0		-	22.53	-		
10	25	12		-	22.39	-		
10	25	25		-	22.28	-		
10	50	0		-	22.35	-		
10	1	0	64-QAM	-	22.21	-	18.67	0.0736
10	1	25		-	22.11	-		
10	1	49		-	22.22	-		
10	25	0		-	21.22	-		
10	25	12		-	21.32	-		
10	25	25		-	21.17	-		
10	50	0		-	21.18	-		
10	1	0	256-QAM	-	19.32	-	15.77	0.0378
10	1	25		-	19.09	-		
10	1	49		-	19.09	-		
10	25	0		-	19.17	-		
10	25	12		-	18.95	-		
10	25	25		-	18.97	-		
10	50	0		-	19.06	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.19	-	20.76	0.1191
5	1	12		-	24.24	-		
5	1	24		-	24.31	-		
5	12	0		-	23.33	-		
5	12	7		-	23.36	-		
5	12	13		-	23.31	-		
5	25	0		-	23.53	-		
5	1	0	16-QAM	-	23.66	-	20.11	0.1026
5	1	12		-	23.36	-		
5	1	24		-	23.33	-		
5	12	0		-	22.24	-		
5	12	7		-	22.32	-		
5	12	13		-	22.38	-		
5	25	0		-	22.36	-		
5	1	0	64-QAM	-	22.59	-	19.04	0.0802
5	1	12		-	22.35	-		
5	1	24		-	22.18	-		
5	12	0		-	21.43	-		
5	12	7		-	21.51	-		
5	12	13		-	21.36	-		
5	25	0		-	21.22	-		
5	1	0	256-QAM	-	19.30	-	15.75	0.0376
5	1	12		-	18.85	-		
5	1	24		-	19.01	-		
5	12	0		-	19.06	-		
5	12	7		-	19.10	-		
5	12	13		-	18.93	-		
5	25	0		-	19.04	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.30	-	20.75	0.1189
3	1	8		-	24.16	-		
3	1	14		-	24.21	-		
3	8	0		-	23.31	-		
3	8	4		-	23.45	-		
3	8	7		-	23.25	-		
3	15	0		-	23.38	-		
3	1	0	16-QAM	-	23.60	-	20.11	0.1026
3	1	8		-	23.59	-		
3	1	14		-	23.66	-		
3	8	0		-	22.29	-		
3	8	4		-	22.30	-		
3	8	7		-	22.42	-		
3	15	0		-	22.31	-		
3	1	0	64-QAM	-	22.69	-	19.14	0.0820
3	1	8		-	22.59	-		
3	1	14		-	22.59	-		
3	8	0		-	21.36	-		
3	8	4		-	21.23	-		
3	8	7		-	21.36	-		
3	15	0		-	21.27	-		
3	1	0	256-QAM	-	19.32	-	15.77	0.0378
3	1	8		-	18.94	-		
3	1	14		-	19.02	-		
3	8	0		-	19.09	-		
3	8	4		-	18.98	-		
3	8	7		-	19.00	-		
3	15	0		-	18.93	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -1.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.14	-	20.76	0.1191
1.4	1	3		-	24.24	-		
1.4	1	5		-	24.23	-		
1.4	3	0		-	24.21	-		
1.4	3	1		-	24.31	-		
1.4	3	3		-	24.22	-		
1.4	6	0		-	23.31	-		
1.4	1	0	16-QAM	-	23.47	-	19.98	0.0995
1.4	1	3		-	23.53	-		
1.4	1	5		-	23.48	-		
1.4	3	0		-	23.21	-		
1.4	3	1		-	23.44	-		
1.4	3	3		-	23.49	-		
1.4	6	0		-	22.33	-		
1.4	1	0	64-QAM	-	22.63	-	19.08	0.0809
1.4	1	3		-	22.25	-		
1.4	1	5		-	22.34	-		
1.4	3	0		-	22.34	-		
1.4	3	1		-	22.15	-		
1.4	3	3		-	22.35	-		
1.4	6	0		-	21.24	-		
1.4	1	0	256-QAM	-	19.24	-	15.69	0.0371
1.4	1	3		-	18.96	-		
1.4	1	5		-	18.98	-		
1.4	3	0		-	19.13	-		
1.4	3	1		-	18.98	-		
1.4	3	3		-	18.88	-		
1.4	6	0		-	19.00	-		
Limit	Reporting only			Result			N/A	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -1.4 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	21.84	21.91	22.04	20.15	0.1035
10+10	1	0	1	49		15.62	15.60	15.68		
10+10	1	49	1	0		23.48	23.68	23.70		
10+10	50	0	50	0	16-QAM	20.90	20.95	20.99	19.41	0.0873
10+10	1	0	1	49		15.90	15.74	15.96		
10+10	1	49	1	0		22.96	22.77	22.93		
10+10	50	0	50	0	64-QAM	20.81	20.92	20.88	17.37	0.0546
10+10	1	0	1	49		15.72	15.86	15.95		
10+10	1	49	1	0		20.66	20.76	20.81		
10+10	50	0	50	0	256-QAM	18.79	18.89	18.86	15.34	0.0342
10+10	1	0	1	49		15.73	15.78	15.93		
10+10	1	49	1	0		18.70	18.77	18.77		
10+5	50	0	25	0	QPSK	21.69	21.80	21.71	19.94	0.0986
10+5	1	0	1	24		13.46	13.64	13.59		
10+5	1	49	1	0		23.47	23.49	23.48		
10+5	50	0	25	0	16-QAM	20.70	20.79	20.69	19.27	0.0845
10+5	1	0	1	24		13.72	13.94	13.83		
10+5	1	49	1	0		22.64	22.82	21.54		
10+5	50	0	25	0	64-QAM	20.70	20.79	20.67	17.24	0.0530
10+5	1	0	1	24		13.75	13.82	13.76		
10+5	1	49	1	0		20.67	20.59	20.57		
10+5	50	0	25	0	256-QAM	18.43	18.15	18.65	15.10	0.0324
10+5	1	0	1	24		13.71	13.78	13.79		
10+5	1	49	1	0		18.52	18.48	18.54		
5+10	25	0	50	0	QPSK	21.68	21.75	21.82	20.02	0.1005
5+10	1	0	1	49		13.52	13.60	13.62		
5+10	1	24	1	0		23.57	22.98	22.81		
5+10	25	0	50	0	16-QAM	20.66	20.78	20.81	19.21	0.0834
5+10	1	0	1	49		13.83	14.05	13.93		
5+10	1	24	1	0		22.65	22.76	22.74		
5+10	25	0	50	0	64-QAM	20.67	20.75	20.75	17.20	0.0525
5+10	1	0	1	49		13.72	13.85	13.84		
5+10	1	24	1	0		20.67	20.68	20.73		
5+10	25	0	50	0	256-QAM	18.09	18.30	18.16	14.86	0.0306
5+10	1	0	1	49		13.73	13.84	13.73		
5+10	1	24	1	0		18.25	18.41	18.13		
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -1.4 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	23.62	22.89	23.61	20.07	0.1016
5+3	1	0	1	14		14.08	16.23	14.10		
5+3	1	24	1	0		23.51	23.61	23.46		
5+3	25	0	15	0	16-QAM	23.67	23.29	23.60	20.13	0.1030
5+3	1	0	1	14		14.45	15.26	14.41		
5+3	1	24	1	0		23.61	22.87	23.68		
5+3	25	0	15	0	64-QAM	23.55	23.57	22.60	20.18	0.1042
5+3	1	0	1	14		14.25	15.46	14.15		
5+3	1	24	1	0		23.73	23.67	22.46		
5+3	25	0	15	0	256-QAM	22.64	23.36	23.57	20.11	0.1026
5+3	1	0	1	14		14.29	14.35	14.17		
5+3	1	24	1	0		22.55	23.66	23.27		
3+5	15	0	25	0	QPSK	23.74	23.65	23.65	20.19	0.1045
3+5	1	0	1	24		14.05	14.16	14.07		
3+5	1	14	1	0		23.52	23.26	23.01		
3+5	15	0	25	0	16-QAM	23.73	23.60	23.67	20.24	0.1057
3+5	1	0	1	24		14.21	14.39	14.40		
3+5	1	14	1	0		23.79	22.86	22.73		
3+5	15	0	25	0	64-QAM	22.67	23.35	22.42	20.23	0.1054
3+5	1	0	1	24		14.27	15.12	14.29		
3+5	1	14	1	0		23.78	23.75	22.49		
3+5	15	0	25	0	256-QAM	23.67	23.63	23.53	20.12	0.1028
3+5	1	0	1	24		15.18	14.30	14.31		
3+5	1	14	1	0		23.55	23.67	22.77		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.34	21.73	22.02	24.82	0.3034
10+10	1	0	1	49		15.03	15.22	15.44		
10+10	1	49	1	0		23.92	23.20	23.86		
10+10	50	0	50	0	16-QAM	20.92	20.77	21.03	24.10	0.2570
10+10	1	0	1	49		15.30	15.57	15.79		
10+10	1	49	1	0		23.16	23.20	23.05		
10+10	50	0	50	0	64-QAM	20.87	20.71	20.95	21.97	0.1574
10+10	1	0	1	49		15.15	15.44	15.74		
10+10	1	49	1	0		21.04	21.07	20.92		
10+10	50	0	50	0	256-QAM	18.84	18.72	18.94	19.99	0.0998
10+10	1	0	1	49		15.16	15.41	15.76		
10+10	1	49	1	0		19.09	19.03	18.93		
15+5	75	0	25	0	QPSK	21.78	21.70	21.86	24.75	0.2985
15+5	1	0	1	24		15.16	15.29	15.41		
15+5	1	74	1	0		23.85	23.77	23.74		
15+5	75	0	25	0	16-QAM	20.78	20.66	20.82	24.11	0.2576
15+5	1	0	1	24		15.39	15.60	15.84		
15+5	1	74	1	0		23.12	23.21	22.98		
15+5	75	0	25	0	64-QAM	20.75	20.64	20.81	22.03	0.1596
15+5	1	0	1	24		15.37	15.47	15.68		
15+5	1	74	1	0		21.13	20.97	20.86		
15+5	75	0	25	0	256-QAM	18.70	18.66	17.83	19.87	0.0971
15+5	1	0	1	24		15.32	15.41	15.65		
15+5	1	74	1	0		18.88	18.97	18.88		
5+15	25	0	75	0	QPSK	21.70	21.52	21.79	24.62	0.2897
5+15	1	0	1	74		15.00	15.13	15.26		
5+15	1	24	1	0		22.33	23.72	23.71		
5+15	25	0	75	0	16-QAM	20.67	20.53	20.82	23.96	0.2489
5+15	1	0	1	74		15.24	15.46	15.51		
5+15	1	24	1	0		23.06	23.01	22.94		
5+15	25	0	75	0	64-QAM	20.62	20.51	20.78	21.86	0.1535
5+15	1	0	1	74		15.15	15.33	15.38		
5+15	1	24	1	0		20.96	20.89	20.92		
5+15	25	0	75	0	256-QAM	18.65	18.51	18.77	19.83	0.0962
5+15	1	0	1	74		15.08	15.36	15.42		
5+15	1	24	1	0		18.93	18.83	18.80		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.86	21.72	21.79	24.16	0.2606
10+5	1	0	1	24		13.27	13.33	13.41		
10+5	1	49	1	0		23.26	23.18	22.74		
10+5	50	0	25	0	16-QAM	20.80	20.63	20.79	24.03	0.2529
10+5	1	0	1	24		13.26	13.50	13.76		
10+5	1	49	1	0		23.13	23.08	23.06		
10+5	50	0	25	0	64-QAM	20.78	20.60	20.78	21.96	0.1570
10+5	1	0	1	24		13.32	13.57	13.55		
10+5	1	49	1	0		21.06	20.99	20.97		
10+5	50	0	25	0	256-QAM	18.77	18.61	18.77	19.88	0.0973
10+5	1	0	1	24		13.23	13.41	13.59		
10+5	1	49	1	0		18.98	18.91	18.80		
5+10	25	0	50	0	QPSK	21.73	21.59	21.80	24.75	0.2985
5+10	1	0	1	49		13.22	13.49	13.51		
5+10	1	24	1	0		23.85	23.82	23.71		
5+10	25	0	50	0	16-QAM	20.74	20.58	20.78	24.02	0.2523
5+10	1	0	1	49		13.46	13.81	13.83		
5+10	1	24	1	0		23.12	23.01	22.93		
5+10	25	0	50	0	64-QAM	20.71	20.55	20.76	21.90	0.1549
5+10	1	0	1	49		13.40	13.60	13.74		
5+10	1	24	1	0		21.00	20.89	20.93		
5+10	25	0	50	0	256-QAM	16.62	18.57	18.75	19.78	0.0951
5+10	1	0	1	49		13.38	13.64	13.62		
5+10	1	24	1	0		16.70	18.88	18.76		
5+5	25	0	25	0	QPSK	21.78	21.69	21.62	24.76	0.2992
5+5	1	0	1	24		13.64	13.83	13.71		
5+5	1	24	1	0		23.86	23.33	23.58		
5+5	25	0	25	0	16-QAM	20.78	20.68	20.61	24.04	0.2535
5+5	1	0	1	24		13.95	14.10	13.98		
5+5	1	24	1	0		23.12	23.14	22.97		
5+5	25	0	25	0	64-QAM	20.75	20.65	20.62	21.94	0.1563
5+5	1	0	1	24		13.86	13.94	13.87		
5+5	1	24	1	0		20.93	21.04	20.66		
5+5	25	0	25	0	256-QAM	16.51	18.65	18.61	19.84	0.0964
5+5	1	0	1	24		13.83	13.89	13.80		
5+5	1	24	1	0		16.76	18.94	18.65		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.9 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	21.89	21.69	21.76	24.75	0.2985
20+20	1	0	1	99		15.03	15.38	15.19		
20+20	1	99	1	0		23.85	23.75	23.20		
20+20	100	0	100	0	16-QAM	20.81	20.68	20.73	24.07	0.2553
20+20	1	0	1	99		15.40	15.67	15.50		
20+20	1	99	1	0		23.17	23.08	22.94		
20+20	100	0	100	0	64-QAM	20.81	20.63	20.70	21.96	0.1570
20+20	1	0	1	99		15.20	15.53	15.38		
20+20	1	99	1	0		20.99	21.06	20.96		
20+20	100	0	100	0	256-QAM	18.78	18.65	18.71	19.86	0.0968
20+20	1	0	1	99		15.23	15.58	15.35		
20+20	1	99	1	0		18.96	18.95	18.77		
20+15	100	0	75	0	QPSK	21.80	21.60	21.73	24.25	0.2661
20+15	1	0	1	74		15.12	15.34	15.26		
20+15	1	74	1	0		23.35	23.24	23.30		
20+15	100	0	75	0	16-QAM	20.75	20.59	20.70	23.96	0.2489
20+15	1	0	1	74		15.19	15.57	15.45		
20+15	1	74	1	0		22.25	22.98	23.06		
20+15	100	0	75	0	64-QAM	20.77	20.58	20.73	21.93	0.1560
20+15	1	0	1	74		15.18	15.56	15.52		
20+15	1	74	1	0		20.97	21.03	20.85		
20+15	100	0	75	0	256-QAM	18.73	18.61	18.70	19.96	0.0991
20+15	1	0	1	74		15.28	15.55	15.41		
20+15	1	74	1	0		19.06	18.82	18.80		
15+20	75	0	100	0	QPSK	21.91	21.72	21.86	24.88	0.3076
15+20	1	0	1	99		15.14	15.24	15.26		
15+20	1	74	1	0		23.98	23.78	23.38		
15+20	75	0	100	0	16-QAM	20.86	20.73	20.84	24.10	0.2570
15+20	1	0	1	99		15.40	15.49	15.63		
15+20	1	74	1	0		23.20	22.95	23.11		
15+20	75	0	100	0	64-QAM	20.82	20.72	20.83	22.03	0.1596
15+20	1	0	1	99		15.21	15.45	15.38		
15+20	1	74	1	0		21.13	21.00	21.02		
15+20	75	0	100	0	256-QAM	18.82	18.74	18.82	19.93	0.0984
15+20	1	0	1	99		15.31	15.30	15.40		
15+20	1	74	1	0		19.03	18.97	18.96		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.9 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	21.87	21.73	21.82	24.63	0.2904
20+10	1	0	1	49		15.23	15.35	15.29		
20+10	1	99	1	0		22.48	23.32	23.73		
20+10	100	0	50	0	16-QAM	20.81	20.71	20.81	24.10	0.2570
20+10	1	0	1	49		15.52	15.68	15.66		
20+10	1	99	1	0		23.20	23.11	23.07		
20+10	100	0	50	0	64-QAM	20.84	20.68	20.79	21.97	0.1574
20+10	1	0	1	49		15.49	15.56	15.53		
20+10	1	99	1	0		21.04	21.07	20.97		
20+10	100	0	50	0	256-QAM	18.82	18.69	18.78	19.87	0.0971
20+10	1	0	1	49		15.39	15.51	15.52		
20+10	1	99	1	0		18.96	18.97	18.96		
10+20	50	0	100	0	QPSK	21.75	21.64	21.85	24.68	0.2938
10+20	1	0	1	99		14.99	15.10	15.17		
10+20	1	49	1	0		23.35	23.76	23.78		
10+20	50	0	100	0	16-QAM	20.71	20.62	20.82	24.01	0.2518
10+20	1	0	1	99		15.22	15.38	15.48		
10+20	1	49	1	0		23.11	22.98	23.04		
10+20	50	0	100	0	64-QAM	20.72	20.58	20.79	21.90	0.1549
10+20	1	0	1	99		15.19	15.22	15.46		
10+20	1	49	1	0		21.00	20.95	20.95		
10+20	50	0	100	0	256-QAM	18.69	18.61	18.80	19.85	0.0966
10+20	1	0	1	99		15.20	15.39	15.35		
10+20	1	49	1	0		18.95	18.88	18.93		
20+5	100	0	25	0	QPSK	21.92	21.73	21.88	24.85	0.3055
20+5	1	0	1	24		15.28	15.33	15.47		
20+5	1	99	1	0		23.95	23.71	23.23		
20+5	100	0	25	0	16-QAM	20.87	20.74	20.85	24.16	0.2606
20+5	1	0	1	24		15.57	15.57	15.88		
20+5	1	99	1	0		23.26	23.07	23.05		
20+5	100	0	25	0	64-QAM	20.85	20.73	20.86	21.92	0.1556
20+5	1	0	1	24		15.38	15.43	15.59		
20+5	1	99	1	0		21.02	20.98	20.97		
20+5	100	0	25	0	256-QAM	18.82	18.71	18.84	19.96	0.0991
20+5	1	0	1	24		15.43	15.45	15.66		
20+5	1	99	1	0		19.06	18.91	18.91		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.9 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	21.67	21.60	13.19	24.78	0.3006
5+20	1	0	1	99		14.93	15.00	16.18		
5+20	1	24	1	0		23.88	23.71	22.29		
5+20	25	0	100	0	16-QAM	20.70	20.62	20.82	24.01	0.2518
5+20	1	0	1	99		15.21	15.32	15.42		
5+20	1	24	1	0		23.04	23.02	23.11		
5+20	25	0	100	0	64-QAM	20.62	20.57	20.78	21.92	0.1556
5+20	1	0	1	99		15.19	15.19	15.25		
5+20	1	24	1	0		21.02	20.92	20.88		
5+20	25	0	100	0	256-QAM	18.66	18.60	18.73	19.84	0.0964
5+20	1	0	1	99		15.04	15.15	15.25		
5+20	1	24	1	0		18.94	18.78	18.80		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.9 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.87	21.63	21.99	24.89	0.3083
15+10	1	0	1	49		15.18	15.29	15.46		
15+10	1	74	1	0		23.99	23.77	23.91		
15+10	75	0	50	0	16-QAM	20.83	20.63	20.99	24.01	0.2518
15+10	1	0	1	49		15.37	15.53	15.85		
15+10	1	74	1	0		22.76	23.10	23.11		
15+10	75	0	50	0	64-QAM	20.83	20.67	21.00	21.98	0.1578
15+10	1	0	1	49		15.34	15.47	15.75		
15+10	1	74	1	0		21.08	20.99	21.03		
15+10	75	0	50	0	256-QAM	18.82	18.65	18.93	19.94	0.0986
15+10	1	0	1	49		15.35	15.42	15.55		
15+10	1	74	1	0		19.04	18.88	19.00		
10+15	50	0	75	0	QPSK	21.73	21.61	20.89	24.81	0.3027
10+15	1	0	1	74		15.06	15.17	15.25		
10+15	1	49	1	0		23.91	23.27	23.79		
10+15	50	0	75	0	16-QAM	20.74	20.60	20.85	24.04	0.2535
10+15	1	0	1	74		15.27	15.45	15.56		
10+15	1	49	1	0		23.14	23.08	23.11		
10+15	50	0	75	0	64-QAM	20.74	20.58	20.83	21.98	0.1578
10+15	1	0	1	74		15.17	15.35	15.46		
10+15	1	49	1	0		21.08	21.06	20.99		
10+15	50	0	75	0	256-QAM	18.68	18.59	18.78	19.92	0.0982
10+15	1	0	1	74		15.15	15.31	15.36		
10+15	1	49	1	0		19.02	18.87	18.89		
15+15	75	0	75	0	QPSK	21.79	21.84	21.86	24.34	0.2716
15+15	1	0	1	74		15.19	15.33	15.38		
15+15	1	74	1	0		23.44	23.28	23.37		
15+15	75	0	75	0	16-QAM	20.76	20.86	20.87	24.09	0.2564
15+15	1	0	1	74		15.45	15.50	15.71		
15+15	1	74	1	0		23.18	22.64	23.19		
15+15	75	0	75	0	64-QAM	20.76	20.80	20.87	22.06	0.1607
15+15	1	0	1	74		15.38	15.54	15.63		
15+15	1	74	1	0		21.16	21.04	21.09		
15+15	75	0	75	0	256-QAM	18.77	18.81	18.87	19.98	0.0995
15+15	1	0	1	74		15.30	15.43	15.54		
15+15	1	74	1	0		19.08	19.01	19.01		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.28	21.44	21.66	22.18	0.1652
20+20	1	0	1	99		14.77	14.99	15.20		
20+20	1	99	1	0		23.58	23.17	23.43		
20+20	100	0	100	0	16-QAM	20.29	20.51	20.64	21.55	0.1429
20+20	1	0	1	99		14.95	15.37	15.43		
20+20	1	99	1	0		22.94	22.88	22.95		
20+20	100	0	100	0	64-QAM	20.30	20.48	20.53	19.44	0.0879
20+20	1	0	1	99		14.94	15.49	15.48		
20+20	1	99	1	0		20.72	20.75	20.84		
20+20	100	0	100	0	256-QAM	18.15	18.45	18.54	17.37	0.0546
20+20	1	0	1	99		14.88	15.09	15.42		
20+20	1	99	1	0		18.65	18.68	18.77		
20+15	100	0	75	0	QPSK	21.23	21.39	21.53	22.15	0.1641
20+15	1	0	1	74		14.74	14.96	15.20		
20+15	1	99	1	0		23.08	23.45	23.55		
20+15	100	0	75	0	16-QAM	20.22	20.45	20.53	21.48	0.1406
20+15	1	0	1	74		15.04	15.25	15.55		
20+15	1	99	1	0		22.76	22.33	22.88		
20+15	100	0	75	0	64-QAM	20.27	20.46	20.49	19.28	0.0847
20+15	1	0	1	74		14.84	15.27	15.35		
20+15	1	99	1	0		20.66	20.66	20.68		
20+15	100	0	75	0	256-QAM	18.18	18.44	18.50	17.27	0.0533
20+15	1	0	1	74		15.00	15.24	15.39		
20+15	1	99	1	0		18.53	18.65	18.67		
15+20	75	0	100	0	QPSK	21.10	21.40	21.48	22.09	0.1618
15+20	1	0	1	99		14.58	14.89	15.06		
15+20	1	74	1	0		22.99	23.49	22.55		
15+20	75	0	100	0	16-QAM	20.13	20.39	20.46	21.45	0.1396
15+20	1	0	1	99		14.89	15.24	15.36		
15+20	1	74	1	0		22.68	22.85	22.77		
15+20	75	0	100	0	64-QAM	20.17	20.41	20.49	19.26	0.0843
15+20	1	0	1	99		14.73	15.08	15.33		
15+20	1	74	1	0		20.59	20.66	20.66		
15+20	75	0	100	0	256-QAM	18.17	18.44	18.52	17.25	0.0531
15+20	1	0	1	99		14.73	15.06	15.20		
15+20	1	74	1	0		18.56	18.64	18.65		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.24	21.50	21.59	22.16	0.1644
20+10	1	0	1	49		14.71	15.04	15.26		
20+10	1	99	1	0		23.48	23.53	23.56		
20+10	100	0	50	0	16-QAM	20.26	20.47	20.60	21.45	0.1396
20+10	1	0	1	49		14.98	15.35	15.55		
20+10	1	99	1	0		22.66	22.85	22.79		
20+10	100	0	50	0	64-QAM	20.22	20.48	20.54	19.35	0.0861
20+10	1	0	1	49		14.94	15.31	15.51		
20+10	1	99	1	0		20.58	20.65	20.75		
20+10	100	0	50	0	256-QAM	18.25	18.50	18.56	17.36	0.0545
20+10	1	0	1	49		14.99	15.25	15.43		
20+10	1	99	1	0		18.50	18.60	18.76		
10+20	50	0	100	0	QPSK	21.10	21.42	21.46	22.11	0.1626
10+20	1	0	1	99		14.54	14.87	15.07		
10+20	1	49	1	0		22.96	23.04	23.51		
10+20	50	0	100	0	16-QAM	20.13	20.41	20.46	21.40	0.1380
10+20	1	0	1	99		14.79	15.16	15.22		
10+20	1	49	1	0		22.62	22.78	22.80		
10+20	50	0	100	0	64-QAM	20.14	20.38	20.45	19.30	0.0851
10+20	1	0	1	99		14.78	15.10	15.23		
10+20	1	49	1	0		20.54	20.66	20.70		
10+20	50	0	100	0	256-QAM	18.16	18.41	18.48	17.33	0.0541
10+20	1	0	1	99		14.79	15.12	15.29		
10+20	1	49	1	0		18.46	18.51	18.73		
15+15	75	0	75	0	QPSK	21.21	21.44	21.61	22.21	0.1663
15+15	1	0	1	74		14.68	15.02	15.24		
15+15	1	74	1	0		23.50	23.56	23.61		
15+15	75	0	75	0	16-QAM	20.24	20.49	20.57	21.51	0.1416
15+15	1	0	1	74		14.92	15.34	15.49		
15+15	1	74	1	0		22.77	22.91	22.91		
15+15	75	0	75	0	64-QAM	20.24	20.50	20.49	19.38	0.0867
15+15	1	0	1	74		14.92	15.24	15.36		
15+15	1	74	1	0		20.71	20.75	20.78		
15+15	75	0	75	0	256-QAM	18.14	18.39	18.44	17.32	0.0540
15+15	1	0	1	74		14.87	15.27	15.34		
15+15	1	74	1	0		18.65	18.69	18.72		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.22	21.48	21.55	21.83	0.1524
15+10	1	0	1	49		14.70	15.04	15.18		
15+10	1	74	1	0		23.05	23.20	23.23		
15+10	75	0	50	0	16-QAM	20.24	20.51	20.51	21.46	0.1400
15+10	1	0	1	49		14.95	15.27	15.51		
15+10	1	74	1	0		22.69	22.86	22.33		
15+10	75	0	50	0	64-QAM	20.23	20.48	20.55	19.33	0.0857
15+10	1	0	1	49		14.86	15.25	15.54		
15+10	1	74	1	0		20.61	20.73	20.70		
15+10	75	0	50	0	256-QAM	18.19	18.47	18.51	17.29	0.0536
15+10	1	0	1	49		14.94	15.27	15.40		
15+10	1	74	1	0		18.55	18.66	18.69		
Limit	EIRP < 2W					Result			Pass	

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -1.8 dB)											
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.58	20.61	20.63	20.73	0.1183
20+20	1	0	1	99		14.47	14.48	14.49		
20+20	1	99	1	0		22.49	22.50	22.53		
20+20	100	0	100	0	16-QAM	19.59	19.63	19.61	20.26	0.1062
20+20	1	0	1	99		15.07	15.07	15.09		
20+20	1	99	1	0		22.06	22.01	21.92		
20+20	100	0	100	0	64-QAM	19.54	19.57	19.54	18.12	0.0649
20+20	1	0	1	99		14.62	14.97	14.86		
20+20	1	99	1	0		19.57	19.92	19.79		
20+20	100	0	100	0	256-QAM	17.47	17.50	17.49	15.88	0.0387
20+20	1	0	1	99		14.47	14.72	14.56		
20+20	1	99	1	0		17.44	17.68	17.51		
15+15	75	0	75	0	QPSK	20.62	20.61	20.57	20.76	0.1191
15+15	1	0	1	74		14.52	14.52	14.51		
15+15	1	74	1	0		22.56	22.55	22.54		
15+15	75	0	75	0	16-QAM	19.57	19.56	19.54	20.18	0.1042
15+15	1	0	1	74		14.92	14.93	14.82		
15+15	1	74	1	0		21.98	21.94	21.84		
15+15	75	0	75	0	64-QAM	19.58	19.59	19.52	18.15	0.0653
15+15	1	0	1	74		15.00	14.88	15.05		
15+15	1	74	1	0		19.82	19.89	19.95		
15+15	75	0	75	0	256-QAM	17.47	17.49	17.50	15.90	0.0389
15+15	1	0	1	74		14.47	14.74	14.59		
15+15	1	74	1	0		17.44	17.70	17.54		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.41	20.50	20.76	21.27	0.1340
20+20	1	0	1	99		14.28	14.41	14.61		
20+20	1	99	1	0		22.32	22.44	22.67		
20+20	100	0	100	0	16-QAM	19.39	19.51	19.73	20.86	0.1219
20+20	1	0	1	99		14.85	14.99	15.03		
20+20	1	99	1	0		21.71	22.01	22.26		
20+20	100	0	100	0	64-QAM	19.37	19.50	19.66	18.50	0.0708
20+20	1	0	1	99		14.57	14.58	14.98		
20+20	1	99	1	0		19.79	19.56	19.90		
20+20	100	0	100	0	256-QAM	17.38	17.52	17.71	16.47	0.0444
20+20	1	0	1	99		14.45	14.69	14.80		
20+20	1	99	1	0		17.48	17.56	17.87		
20+15	100	0	75	0	QPSK	20.33	20.45	20.71	21.25	0.1334
20+15	1	0	1	74		14.23	14.38	14.62		
20+15	1	99	1	0		22.29	22.38	22.65		
20+15	100	0	75	0	16-QAM	19.32	19.44	19.73	20.75	0.1189
20+15	1	0	1	74		14.59	14.95	15.14		
20+15	1	99	1	0		21.71	21.81	22.15		
20+15	100	0	75	0	64-QAM	19.31	19.45	19.69	18.62	0.0728
20+15	1	0	1	74		14.56	14.91	15.13		
20+15	1	99	1	0		19.56	19.81	20.02		
20+15	100	0	75	0	256-QAM	17.38	17.54	17.76	16.53	0.0450
20+15	1	0	1	74		14.45	14.71	14.92		
20+15	1	99	1	0		17.41	17.53	17.93		
15+20	75	0	100	0	QPSK	20.31	20.42	20.60	21.18	0.1312
15+20	1	0	1	99		14.21	14.33	14.52		
15+20	1	74	1	0		22.27	22.36	22.58		
15+20	75	0	100	0	16-QAM	19.30	19.41	19.58	20.71	0.1178
15+20	1	0	1	99		14.58	14.92	15.03		
15+20	1	74	1	0		21.77	21.83	22.11		
15+20	75	0	100	0	64-QAM	19.31	19.42	19.59	18.51	0.0710
15+20	1	0	1	99		14.46	14.72	14.89		
15+20	1	74	1	0		19.45	19.73	19.91		
15+20	75	0	100	0	256-QAM	17.38	17.50	17.71	16.51	0.0448
15+20	1	0	1	99		14.42	14.59	14.94		
15+20	1	74	1	0		17.51	17.51	17.91		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.33	20.49	20.74	21.27	0.1340
20+10	1	0	1	49		14.23	14.41	14.65		
20+10	1	99	1	0		22.28	22.41	22.67		
20+10	100	0	50	0	16-QAM	19.31	19.50	19.74	20.63	0.1156
20+10	1	0	1	49		14.60	14.84	15.14		
20+10	1	99	1	0		21.63	21.80	22.03		
20+10	100	0	50	0	64-QAM	19.32	19.48	19.73	18.70	0.0741
20+10	1	0	1	49		14.49	14.90	14.93		
20+10	1	99	1	0		19.62	19.83	20.10		
20+10	100	0	50	0	256-QAM	17.40	17.55	17.82	16.42	0.0439
20+10	1	0	1	49		14.58	14.68	14.98		
20+10	1	99	1	0		17.48	17.47	17.79		
10+20	50	0	100	0	QPSK	20.43	20.40	20.64	21.16	0.1306
10+20	1	0	1	99		14.31	14.28	14.52		
10+20	1	49	1	0		22.34	22.31	22.56		
10+20	50	0	100	0	16-QAM	19.41	19.38	19.60	20.60	0.1148
10+20	1	0	1	99		14.80	14.79	15.20		
10+20	1	49	1	0		21.66	21.82	22.00		
10+20	50	0	100	0	64-QAM	19.43	19.40	19.63	18.44	0.0698
10+20	1	0	1	99		14.76	14.62	14.87		
10+20	1	49	1	0		19.59	19.77	19.84		
10+20	50	0	100	0	256-QAM	17.58	17.51	17.79	16.39	0.0436
10+20	1	0	1	99		14.51	14.67	14.96		
10+20	1	49	1	0		17.54	17.37	17.73		
20+5	100	0	25	0	QPSK	20.34	20.50	20.75	21.28	0.1343
20+5	1	0	1	24		14.23	14.43	14.64		
20+5	1	99	1	0		22.25	22.39	22.68		
20+5	100	0	25	0	16-QAM	19.34	19.51	19.75	20.88	0.1225
20+5	1	0	1	24		14.73	14.92	15.26		
20+5	1	99	1	0		21.69	22.00	22.28		
20+5	100	0	25	0	64-QAM	19.31	19.49	19.71	18.55	0.0716
20+5	1	0	1	24		14.52	14.77	15.16		
20+5	1	99	1	0		19.60	19.79	19.95		
20+5	100	0	25	0	256-QAM	17.34	17.50	17.78	16.38	0.0435
20+5	1	0	1	24		14.29	14.51	14.78		
20+5	1	99	1	0		17.28	17.44	17.61		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.41	20.43	20.66	21.15	0.1303
5+20	1	0	1	99		14.32	14.34	14.56		
5+20	1	24	1	0		22.29	22.34	22.55		
5+20	25	0	100	0	16-QAM	19.42	19.45	19.66	20.58	0.1143
5+20	1	0	1	99		14.72	14.76	15.10		
5+20	1	24	1	0		21.72	21.81	21.98		
5+20	25	0	100	0	64-QAM	19.42	19.42	19.64	18.37	0.0687
5+20	1	0	1	99		14.61	14.80	14.98		
5+20	1	24	1	0		19.77	19.75	19.75		
5+20	25	0	100	0	256-QAM	17.41	17.46	17.71	16.31	0.0428
5+20	1	0	1	99		14.42	14.64	14.79		
5+20	1	24	1	0		17.27	17.53	17.59		
15+10	75	0	50	0	QPSK	20.30	20.45	20.69	21.24	0.1330
15+10	1	0	1	49		14.21	14.38	14.60		
15+10	1	74	1	0		22.26	22.38	22.64		
15+10	75	0	50	0	16-QAM	19.28	19.42	19.65	20.60	0.1148
15+10	1	0	1	49		14.65	14.97	14.93		
15+10	1	74	1	0		21.63	21.88	22.00		
15+10	75	0	50	0	64-QAM	19.31	19.43	19.70	18.39	0.0690
15+10	1	0	1	49		14.45	14.65	14.75		
15+10	1	74	1	0		19.50	19.66	19.79		
15+10	75	0	50	0	256-QAM	17.35	17.52	17.77	16.37	0.0434
15+10	1	0	1	49		14.34	14.71	14.86		
15+10	1	74	1	0		17.49	17.54	17.77		
10+15	50	0	75	0	QPSK	20.36	20.45	20.71	21.22	0.1324
10+15	1	0	1	74		14.24	14.34	14.57		
10+15	1	49	1	0		22.27	22.36	22.62		
10+15	50	0	75	0	16-QAM	19.30	19.42	19.68	20.57	0.1140
10+15	1	0	1	74		14.53	14.75	15.09		
10+15	1	49	1	0		21.63	21.76	21.97		
10+15	50	0	75	0	64-QAM	19.34	19.45	19.70	18.54	0.0714
10+15	1	0	1	74		14.64	14.74	15.11		
10+15	1	49	1	0		19.65	19.76	19.94		
10+15	50	0	75	0	256-QAM	17.41	17.50	17.79	16.39	0.0436
10+15	1	0	1	74		14.37	14.51	14.84		
10+15	1	49	1	0		17.48	17.44	17.65		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
15+15	75	0	75	0	QPSK	20.34	20.43	20.72	21.28	0.1343
15+15	1	0	1	74		14.23	14.40	14.62		
15+15	1	74	1	0		22.29	22.43	22.68		
15+15	75	0	75	0	16-QAM	19.35	19.44	19.68	20.71	0.1178
15+15	1	0	1	74		14.54	14.88	15.11		
15+15	1	74	1	0		21.86	21.88	22.11		
15+15	75	0	75	0	64-QAM	19.37	19.47	19.66	18.60	0.0724
15+15	1	0	1	74		14.71	14.77	14.87		
15+15	1	74	1	0		19.79	19.76	20.00		
15+15	75	0	75	0	256-QAM	17.38	17.49	17.77	16.37	0.0434
15+15	1	0	1	74		14.48	14.62	15.04		
15+15	1	74	1	0		17.53	17.59	17.74		
Limit	EIRP < 2W					Result			Pass	

<Tx1 Antenna>

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.02	22.17	22.32	17.45	0.0556
10+10	1	0	1	49		15.80	15.74	15.81		
10+10	1	49	1	0		23.77	23.73	23.90		
10+10	50	0	50	0	16-QAM	21.01	21.14	21.26	16.66	0.0463
10+10	1	0	1	49		16.09	16.05	16.20		
10+10	1	49	1	0		22.87	22.97	23.11		
10+10	50	0	50	0	64-QAM	21.01	21.14	21.15	14.70	0.0295
10+10	1	0	1	49		16.00	15.96	15.99		
10+10	1	49	1	0		20.87	21.02	21.10		
10+10	50	0	50	0	256-QAM	18.87	19.00	19.06	12.61	0.0182
10+10	1	0	1	49		16.00	15.99	15.94		
10+10	1	49	1	0		18.77	18.90	18.96		
10+5	50	0	25	0	QPSK	21.78	22.06	21.95	17.27	0.0533
10+5	1	0	1	24		13.54	13.81	13.79		
10+5	1	49	1	0		23.60	23.72	23.10		
10+5	50	0	25	0	16-QAM	20.69	20.99	20.87	16.39	0.0436
10+5	1	0	1	24		13.79	14.27	13.97		
10+5	1	49	1	0		22.82	22.84	22.80		
10+5	50	0	25	0	64-QAM	20.74	21.06	20.91	14.61	0.0289
10+5	1	0	1	24		13.73	13.99	14.08		
10+5	1	49	1	0		20.75	20.91	20.79		
10+5	50	0	25	0	256-QAM	18.65	18.98	18.89	12.53	0.0179
10+5	1	0	1	24		13.70	14.03	13.96		
10+5	1	49	1	0		18.75	18.66	18.69		
5+10	25	0	50	0	QPSK	21.70	21.93	22.06	17.20	0.0525
5+10	1	0	1	49		13.61	13.83	13.81		
5+10	1	24	1	0		23.65	22.49	23.14		
5+10	25	0	50	0	16-QAM	20.70	20.93	21.00	16.50	0.0447
5+10	1	0	1	49		13.87	14.09	14.16		
5+10	1	24	1	0		22.77	22.93	22.95		
5+10	25	0	50	0	64-QAM	20.73	20.91	21.01	14.56	0.0286
5+10	1	0	1	49		13.80	14.02	14.06		
5+10	1	24	1	0		20.78	20.82	20.80		
5+10	25	0	50	0	256-QAM	18.65	18.85	19.00	12.55	0.0180
5+10	1	0	1	49		13.75	14.00	14.00		
5+10	1	24	1	0		18.75	18.75	18.80		
Limit	ERP < 7W					Result			Pass	

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.59	23.51	23.55	17.14	0.0518
5+3	1	0	1	14		14.16	14.34	18.17		
5+3	1	24	1	0		23.16	23.13	23.12		
5+3	25	0	15	0	16-QAM	23.70	22.89	23.61	17.40	0.0550
5+3	1	0	1	14		14.36	16.93	16.55		
5+3	1	24	1	0		23.43	23.85	23.78		
5+3	25	0	15	0	64-QAM	23.65	23.61	23.51	17.33	0.0541
5+3	1	0	1	14		14.34	14.31	15.65		
5+3	1	24	1	0		23.04	23.78	23.65		
5+3	25	0	15	0	256-QAM	23.72	23.35	23.64	17.35	0.0543
5+3	1	0	1	14		14.29	16.42	19.05		
5+3	1	24	1	0		23.80	23.60	23.19		
3+5	15	0	25	0	QPSK	23.26	22.42	22.85	17.14	0.0518
3+5	1	0	1	24		14.11	23.59	14.14		
3+5	1	14	1	0		23.59	22.91	23.46		
3+5	15	0	25	0	16-QAM	23.28	21.17	23.61	17.16	0.0520
3+5	1	0	1	24		14.49	18.25	22.55		
3+5	1	14	1	0		22.89	23.50	22.86		
3+5	15	0	25	0	64-QAM	23.25	22.66	23.55	17.34	0.0542
3+5	1	0	1	24		14.40	17.12	15.13		
3+5	1	14	1	0		23.79	22.88	23.60		
3+5	15	0	25	0	256-QAM	23.25	23.86	23.21	17.41	0.0551
3+5	1	0	1	24		14.29	19.52	18.16		
3+5	1	14	1	0		23.75	20.37	23.53		
Limit	ERP < 7W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.73	21.76	21.63	24.11	0.2576
10+10	1	0	1	49		14.94	15.32	14.94		
10+10	1	49	1	0		23.23	23.51	23.19		
10+10	50	0	50	0	16-QAM	20.73	20.71	19.89	23.64	0.2312
10+10	1	0	1	49		15.11	15.50	15.63		
10+10	1	49	1	0		23.00	23.04	22.90		
10+10	50	0	50	0	64-QAM	20.69	20.76	20.89	21.53	0.1422
10+10	1	0	1	49		15.14	15.54	15.68		
10+10	1	49	1	0		20.93	20.76	19.96		
10+10	50	0	50	0	256-QAM	18.70	18.69	18.85	19.45	0.0881
10+10	1	0	1	49		15.14	15.47	15.64		
10+10	1	49	1	0		18.77	18.85	18.69		
15+5	75	0	25	0	QPSK	21.67	21.63	20.35	24.24	0.2655
15+5	1	0	1	24		15.35	15.30	15.20		
15+5	1	74	1	0		23.64	22.86	23.49		
15+5	75	0	25	0	16-QAM	20.65	20.61	20.55	23.40	0.2188
15+5	1	0	1	24		15.49	15.53	16.10		
15+5	1	74	1	0		22.80	22.19	22.61		
15+5	75	0	25	0	64-QAM	20.64	20.64	20.50	21.43	0.1390
15+5	1	0	1	24		15.52	15.37	15.39		
15+5	1	74	1	0		20.70	20.83	20.70		
15+5	75	0	25	0	256-QAM	18.64	18.60	18.52	19.30	0.0851
15+5	1	0	1	24		15.46	15.39	15.37		
15+5	1	74	1	0		18.70	18.68	18.67		
5+15	25	0	75	0	QPSK	21.71	21.58	21.58	24.26	0.2667
5+15	1	0	1	74		14.89	15.24	15.23		
5+15	1	24	1	0		23.66	23.45	23.50		
5+15	25	0	75	0	16-QAM	20.76	20.62	20.58	23.54	0.2259
5+15	1	0	1	74		15.73	15.54	15.60		
5+15	1	24	1	0		22.94	22.75	22.85		
5+15	25	0	75	0	64-QAM	20.72	20.56	20.56	21.37	0.1371
5+15	1	0	1	74		15.50	15.42	15.30		
5+15	1	24	1	0		20.77	20.59	20.65		
5+15	25	0	75	0	256-QAM	18.48	18.59	18.56	19.36	0.0863
5+15	1	0	1	74		15.07	15.44	15.35		
5+15	1	24	1	0		18.76	18.60	18.66		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.72	21.61	21.52	24.22	0.2642
10+5	1	0	1	24		13.46	13.50	12.89		
10+5	1	49	1	0		23.62	23.59	23.49		
10+5	50	0	25	0	16-QAM	20.73	20.63	20.51	23.46	0.2218
10+5	1	0	1	24		13.67	13.55	13.54		
10+5	1	49	1	0		22.85	22.85	22.86		
10+5	50	0	25	0	64-QAM	20.73	20.63	20.52	21.39	0.1377
10+5	1	0	1	24		13.63	13.48	13.44		
10+5	1	49	1	0		20.79	20.77	20.70		
10+5	50	0	25	0	256-QAM	18.70	18.58	18.49	19.33	0.0857
10+5	1	0	1	24		13.64	13.45	13.57		
10+5	1	49	1	0		18.73	18.70	18.61		
5+10	25	0	50	0	QPSK	21.80	21.58	21.55	24.27	0.2673
5+10	1	0	1	49		13.54	13.13	13.31		
5+10	1	24	1	0		23.67	23.35	23.44		
5+10	25	0	50	0	16-QAM	20.76	20.61	20.56	23.55	0.2265
5+10	1	0	1	49		13.43	13.57	13.65		
5+10	1	24	1	0		22.95	22.86	22.56		
5+10	25	0	50	0	64-QAM	20.76	20.60	20.59	21.51	0.1416
5+10	1	0	1	49		13.59	13.46	13.39		
5+10	1	24	1	0		20.91	20.75	20.76		
5+10	25	0	50	0	256-QAM	18.59	18.59	18.56	19.46	0.0883
5+10	1	0	1	49		13.68	13.32	13.41		
5+10	1	24	1	0		18.86	18.63	18.66		
5+5	25	0	25	0	QPSK	21.69	21.81	21.58	24.21	0.2636
5+5	1	0	1	24		13.90	13.78	13.73		
5+5	1	24	1	0		23.61	23.54	23.55		
5+5	25	0	25	0	16-QAM	20.72	20.75	20.64	23.48	0.2228
5+5	1	0	1	24		14.26	14.06	13.97		
5+5	1	24	1	0		22.88	22.84	22.87		
5+5	25	0	25	0	64-QAM	20.66	20.70	20.62	21.65	0.1462
5+5	1	0	1	24		14.02	13.97	13.88		
5+5	1	24	1	0		21.05	20.94	20.84		
5+5	25	0	25	0	256-QAM	18.82	18.71	18.58	19.50	0.0891
5+5	1	0	1	24		14.03	13.87	13.77		
5+5	1	24	1	0		18.90	18.87	18.71		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.71	21.79	21.75	24.23	0.2649
20+20	1	0	1	99		15.16	15.37	15.40		
20+20	1	99	1	0		22.91	23.63	23.62		
20+20	100	0	100	0	16-QAM	20.76	20.72	20.63	23.64	0.2312
20+20	1	0	1	99		15.53	15.54	15.70		
20+20	1	99	1	0		22.50	22.96	23.04		
20+20	100	0	100	0	64-QAM	20.75	20.71	20.71	21.54	0.1426
20+20	1	0	1	99		15.37	15.47	15.46		
20+20	1	99	1	0		20.92	20.94	20.49		
20+20	100	0	100	0	256-QAM	18.76	18.71	18.72	19.53	0.0897
20+20	1	0	1	99		15.29	15.53	15.49		
20+20	1	99	1	0		18.93	18.85	18.82		
20+15	100	0	75	0	QPSK	21.59	21.60	21.59	24.23	0.2649
20+15	1	0	1	74		15.15	15.30	15.29		
20+15	1	74	1	0		23.63	23.46	23.59		
20+15	100	0	75	0	16-QAM	20.59	20.59	20.53	23.47	0.2223
20+15	1	0	1	74		15.65	15.55	15.49		
20+15	1	74	1	0		22.87	22.87	22.81		
20+15	100	0	75	0	64-QAM	20.58	20.60	20.56	21.49	0.1409
20+15	1	0	1	74		15.51	15.39	15.41		
20+15	1	74	1	0		20.89	19.91	20.71		
20+15	100	0	75	0	256-QAM	18.57	18.58	18.53	19.27	0.0845
20+15	1	0	1	74		15.44	15.41	15.38		
20+15	1	74	1	0		18.66	18.66	18.67		
15+20	75	0	100	0	QPSK	21.64	21.57	21.56	24.26	0.2667
15+20	1	0	1	99		15.33	15.01	15.24		
15+20	1	74	1	0		23.66	23.48	23.50		
15+20	75	0	100	0	16-QAM	20.63	20.57	20.56	23.47	0.2223
15+20	1	0	1	99		15.54	15.49	15.58		
15+20	1	74	1	0		22.87	22.75	22.84		
15+20	75	0	100	0	64-QAM	20.62	20.58	20.53	21.39	0.1377
15+20	1	0	1	99		15.44	15.38	15.40		
15+20	1	74	1	0		20.79	20.71	20.72		
15+20	75	0	100	0	256-QAM	18.58	18.56	18.56	19.31	0.0853
15+20	1	0	1	99		15.20	15.29	15.35		
15+20	1	74	1	0		18.67	18.62	18.71		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.77	21.64	21.55	24.17	0.2612
20+10	1	0	1	49		15.33	15.26	15.20		
20+10	1	99	1	0		23.57	22.89	23.26		
20+10	100	0	50	0	16-QAM	20.62	20.59	20.39	23.54	0.2259
20+10	1	0	1	49		15.55	15.44	15.58		
20+10	1	99	1	0		22.94	22.85	22.85		
20+10	100	0	50	0	64-QAM	20.62	20.63	20.52	21.39	0.1377
20+10	1	0	1	49		15.48	15.32	15.41		
20+10	1	99	1	0		20.76	20.79	20.01		
20+10	100	0	50	0	256-QAM	18.59	18.32	18.51	19.32	0.0855
20+10	1	0	1	49		15.44	15.26	15.33		
20+10	1	99	1	0		18.65	18.72	18.53		
10+20	50	0	100	0	QPSK	21.61	21.62	21.16	24.08	0.2559
10+20	1	0	1	99		15.33	15.29	14.92		
10+20	1	49	1	0		22.78	23.46	23.48		
10+20	50	0	100	0	16-QAM	20.67	20.59	20.64	23.52	0.2249
10+20	1	0	1	99		15.57	15.43	15.57		
10+20	1	49	1	0		22.92	22.80	22.84		
10+20	50	0	100	0	64-QAM	20.55	20.62	20.02	21.43	0.1390
10+20	1	0	1	99		15.20	15.40	15.40		
10+20	1	49	1	0		20.83	20.67	20.55		
10+20	50	0	100	0	256-QAM	18.69	18.60	18.58	19.35	0.0861
10+20	1	0	1	99		15.36	15.00	15.43		
10+20	1	49	1	0		18.75	18.64	18.62		
20+5	100	0	25	0	QPSK	21.59	21.48	20.61	24.19	0.2624
20+5	1	0	1	24		15.29	15.27	14.64		
20+5	1	99	1	0		23.59	23.42	23.45		
20+5	100	0	25	0	16-QAM	20.61	20.56	20.49	23.43	0.2203
20+5	1	0	1	24		15.41	15.50	15.45		
20+5	1	99	1	0		22.80	22.83	22.74		
20+5	100	0	25	0	64-QAM	20.59	20.55	19.75	21.35	0.1365
20+5	1	0	1	24		15.51	15.41	15.65		
20+5	1	99	1	0		20.75	20.65	20.60		
20+5	100	0	25	0	256-QAM	18.61	18.50	18.16	19.34	0.0859
20+5	1	0	1	24		15.40	15.42	15.31		
20+5	1	99	1	0		18.69	18.74	18.61		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)									
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.71	21.60	21.61	24.13	0.2588
5+20	1	0	1	99		15.38	15.24	15.28		
5+20	1	24	1	0		23.50	23.32	23.53		
5+20	25	0	100	0	16-QAM	20.45	20.58	20.59	23.46	0.2218
5+20	1	0	1	99		15.65	15.53	15.53		
5+20	1	24	1	0		22.86	22.79	22.75		
5+20	25	0	100	0	64-QAM	20.68	20.60	20.39	21.36	0.1368
5+20	1	0	1	99		15.51	15.38	15.38		
5+20	1	24	1	0		20.76	20.72	20.69		
5+20	25	0	100	0	256-QAM	18.41	18.58	18.60	19.35	0.0861
5+20	1	0	1	99		15.52	15.48	15.37		
5+20	1	24	1	0		18.75	18.58	18.61		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.70	21.47	21.52	24.19	0.2624
15+10	1	0	1	49		15.04	15.05	15.39		
15+10	1	74	1	0		22.73	23.51	23.59		
15+10	75	0	50	0	16-QAM	20.61	20.43	20.58	23.54	0.2259
15+10	1	0	1	49		15.58	15.57	15.53		
15+10	1	74	1	0		22.94	22.77	22.67		
15+10	75	0	50	0	64-QAM	20.65	20.39	20.58	21.43	0.1390
15+10	1	0	1	49		15.28	15.40	15.56		
15+10	1	74	1	0		19.91	20.83	20.81		
15+10	75	0	50	0	256-QAM	18.70	18.64	18.38	19.38	0.0867
15+10	1	0	1	49		15.39	15.37	14.37		
15+10	1	74	1	0		18.73	18.68	18.78		
10+15	50	0	75	0	QPSK	21.75	21.65	21.60	24.26	0.2667
10+15	1	0	1	74		15.39	15.29	15.22		
10+15	1	49	1	0		23.66	22.69	23.47		
10+15	50	0	75	0	16-QAM	20.72	20.63	20.57	23.59	0.2286
10+15	1	0	1	74		15.26	15.51	15.56		
10+15	1	49	1	0		22.99	22.85	22.78		
10+15	50	0	75	0	64-QAM	20.73	20.63	20.53	21.47	0.1403
10+15	1	0	1	74		15.51	15.45	15.46		
10+15	1	49	1	0		20.87	20.78	20.72		
10+15	50	0	75	0	256-QAM	17.83	18.44	18.58	19.48	0.0887
10+15	1	0	1	74		15.43	15.39	15.42		
10+15	1	49	1	0		18.88	18.69	18.71		
15+15	75	0	75	0	QPSK	21.68	21.76	21.66	24.26	0.2667
15+15	1	0	1	74		15.39	15.35	15.31		
15+15	1	74	1	0		23.66	23.53	23.64		
15+15	75	0	75	0	16-QAM	20.68	20.71	20.40	23.66	0.2323
15+15	1	0	1	74		15.55	15.58	15.62		
15+15	1	74	1	0		22.98	22.91	23.06		
15+15	75	0	75	0	64-QAM	20.69	20.69	20.63	21.47	0.1403
15+15	1	0	1	74		15.48	15.39	15.55		
15+15	1	74	1	0		20.85	20.87	20.66		
15+15	75	0	75	0	256-QAM	18.75	18.72	18.62	19.40	0.0871
15+15	1	0	1	74		15.46	15.40	15.42		
15+15	1	74	1	0		18.78	18.80	17.83		
Limit	EIRP < 1W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.94	21.06	21.24	21.64	0.1459
20+20	1	0	1	99		14.52	14.71	14.87		
20+20	1	99	1	0		23.24	23.16	23.14		
20+20	100	0	100	0	16-QAM	20.01	20.12	20.26	20.99	0.1256
20+20	1	0	1	99		14.80	15.04	15.14		
20+20	1	99	1	0		22.59	22.38	22.39		
20+20	100	0	100	0	64-QAM	20.03	20.10	20.13	18.90	0.0776
20+20	1	0	1	99		14.70	14.99	14.96		
20+20	1	99	1	0		20.50	20.34	20.39		
20+20	100	0	100	0	256-QAM	17.97	18.01	18.09	16.67	0.0465
20+20	1	0	1	99		14.64	14.90	15.03		
20+20	1	99	1	0		18.00	18.20	18.27		
20+15	100	0	75	0	QPSK	21.02	20.76	21.14	21.55	0.1429
20+15	1	0	1	74		14.57	14.74	14.84		
20+15	1	99	1	0		23.15	23.08	21.92		
20+15	100	0	75	0	16-QAM	20.03	20.06	20.13	20.82	0.1208
20+15	1	0	1	74		14.92	15.08	15.18		
20+15	1	99	1	0		20.25	22.42	22.35		
20+15	100	0	75	0	64-QAM	19.77	20.05	20.10	18.80	0.0759
20+15	1	0	1	74		14.69	14.99	15.04		
20+15	1	99	1	0		20.40	20.35	20.28		
20+15	100	0	75	0	256-QAM	17.94	18.01	18.07	16.67	0.0465
20+15	1	0	1	74		14.73	14.87	14.85		
20+15	1	99	1	0		18.17	18.15	18.27		
15+20	75	0	100	0	QPSK	20.93	21.01	21.09	21.54	0.1426
15+20	1	0	1	99		14.45	14.64	14.74		
15+20	1	74	1	0		22.84	23.14	23.01		
15+20	75	0	100	0	16-QAM	19.96	20.05	20.10	20.95	0.1245
15+20	1	0	1	99		14.71	14.85	15.12		
15+20	1	74	1	0		22.55	22.46	22.29		
15+20	75	0	100	0	64-QAM	19.20	20.04	20.10	18.74	0.0748
15+20	1	0	1	99		14.70	14.83	15.03		
15+20	1	74	1	0		20.34	20.31	20.34		
15+20	75	0	100	0	256-QAM	17.87	17.97	18.06	16.67	0.0465
15+20	1	0	1	99		14.52	14.74	14.91		
15+20	1	74	1	0		18.20	18.27	18.11		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.76	21.08	21.19	21.56	0.1432
20+10	1	0	1	49		14.60	14.72	14.93		
20+10	1	99	1	0		23.16	23.10	22.62		
20+10	100	0	50	0	16-QAM	20.06	20.07	20.17	20.91	0.1233
20+10	1	0	1	49		14.82	15.03	15.35		
20+10	1	99	1	0		22.46	22.51	22.29		
20+10	100	0	50	0	64-QAM	20.01	20.06	20.17	18.87	0.0771
20+10	1	0	1	49		14.80	14.92	15.05		
20+10	1	99	1	0		20.47	20.33	20.37		
20+10	100	0	50	0	256-QAM	17.99	17.99	18.10	16.59	0.0456
20+10	1	0	1	49		14.80	14.88	15.00		
20+10	1	99	1	0		18.15	18.19	18.08		
10+20	50	0	100	0	QPSK	20.95	21.04	21.12	21.40	0.1380
10+20	1	0	1	99		14.44	14.63	14.75		
10+20	1	49	1	0		23.00	22.59	21.83		
10+20	50	0	100	0	16-QAM	19.96	20.06	20.09	20.82	0.1208
10+20	1	0	1	99		14.76	14.86	15.10		
10+20	1	49	1	0		22.19	22.41	22.42		
10+20	50	0	100	0	64-QAM	19.98	20.06	20.11	18.81	0.0760
10+20	1	0	1	99		14.75	14.81	15.01		
10+20	1	49	1	0		20.41	20.39	20.25		
10+20	50	0	100	0	256-QAM	17.70	17.99	18.02	16.68	0.0466
10+20	1	0	1	99		14.57	14.82	14.89		
10+20	1	49	1	0		18.17	18.20	18.28		
15+15	75	0	75	0	QPSK	20.93	21.06	21.20	21.57	0.1435
15+15	1	0	1	74		14.55	14.72	14.89		
15+15	1	74	1	0		22.67	23.17	22.02		
15+15	75	0	75	0	16-QAM	20.08	20.04	20.14	20.95	0.1245
15+15	1	0	1	74		14.87	15.10	15.18		
15+15	1	74	1	0		22.55	22.45	22.46		
15+15	75	0	75	0	64-QAM	20.05	20.04	20.09	18.80	0.0759
15+15	1	0	1	74		14.78	14.91	15.03		
15+15	1	74	1	0		20.36	20.40	20.31		
15+15	75	0	75	0	256-QAM	17.87	17.98	18.06	16.64	0.0461
15+15	1	0	1	74		14.67	14.87	14.96		
15+15	1	74	1	0		18.02	18.19	18.24		
Limit	EIRP < 2W					Result			Pass	

LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -1.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.72	21.03	21.11	21.60	0.1445
15+10	1	0	1	49		14.55	14.70	14.76		
15+10	1	74	1	0		23.20	22.99	21.83		
15+10	75	0	50	0	16-QAM	19.99	20.04	20.07	20.83	0.1211
15+10	1	0	1	49		14.72	14.96	15.04		
15+10	1	74	1	0		22.43	22.40	22.19		
15+10	75	0	50	0	64-QAM	19.74	20.05	20.09	18.71	0.0743
15+10	1	0	1	49		14.82	14.93	15.08		
15+10	1	74	1	0		20.27	20.30	20.31		
15+10	75	0	50	0	256-QAM	17.94	18.01	18.04	16.57	0.0454
15+10	1	0	1	49		14.64	14.96	15.00		
15+10	1	74	1	0		18.17	18.17	18.14		
Limit	EIRP < 2W					Result			Pass	

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -1.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	19.84	19.88	19.98	20.24	0.1057
20+20	1	0	1	99		13.84	13.86	13.87		
20+20	1	99	1	0		21.83	21.84	21.84		
20+20	100	0	100	0	16-QAM	18.90	18.93	18.96	19.91	0.0979
20+20	1	0	1	99		14.48	14.39	14.33		
20+20	1	99	1	0		21.51	21.35	21.33		
20+20	100	0	100	0	64-QAM	18.88	18.91	18.92	17.59	0.0574
20+20	1	0	1	99		14.03	14.30	14.10		
20+20	1	99	1	0		19.03	19.19	19.06		
20+20	100	0	100	0	256-QAM	16.84	16.86	16.84	15.54	0.0358
20+20	1	0	1	99		14.01	14.01	13.95		
20+20	1	99	1	0		17.14	16.89	16.89		
15+15	75	0	75	0	QPSK	19.85	19.92	19.91	20.25	0.1059
15+15	1	0	1	74		13.84	13.85	13.85		
15+15	1	74	1	0		21.85	21.85	21.85		
15+15	75	0	75	0	16-QAM	18.90	18.90	18.86	19.71	0.0935
15+15	1	0	1	74		14.23	14.28	14.48		
15+15	1	74	1	0		21.24	21.30	21.31		
15+15	75	0	75	0	64-QAM	18.89	18.90	18.86	17.52	0.0565
15+15	1	0	1	74		13.99	14.16	14.23		
15+15	1	74	1	0		19.01	19.12	19.08		
15+15	75	0	75	0	256-QAM	16.87	16.85	16.83	15.45	0.0351
15+15	1	0	1	74		13.93	14.10	14.12		
15+15	1	74	1	0		17.05	16.85	16.96		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.03	19.88	20.18	20.71	0.1178
20+20	1	0	1	99		13.98	13.81	14.03		
20+20	1	99	1	0		21.98	21.81	22.11		
20+20	100	0	100	0	16-QAM	19.07	18.90	19.14	20.21	0.1050
20+20	1	0	1	99		14.34	14.36	14.60		
20+20	1	99	1	0		21.52	21.23	21.61		
20+20	100	0	100	0	64-QAM	19.02	18.87	19.10	18.04	0.0637
20+20	1	0	1	99		14.52	14.11	14.59		
20+20	1	99	1	0		19.44	19.05	19.38		
20+20	100	0	100	0	256-QAM	17.00	16.83	17.05	15.65	0.0367
20+20	1	0	1	99		14.16	14.03	13.98		
20+20	1	99	1	0		16.83	16.93	17.05		
20+15	100	0	75	0	QPSK	20.03	19.84	20.16	20.72	0.1180
20+15	1	0	1	74		13.97	13.80	14.06		
20+15	1	99	1	0		21.96	21.76	22.12		
20+15	100	0	75	0	16-QAM	19.05	18.87	19.18	20.24	0.1057
20+15	1	0	1	74		14.28	14.28	14.54		
20+15	1	99	1	0		21.36	21.23	21.64		
20+15	100	0	75	0	64-QAM	19.03	18.84	19.15	18.02	0.0634
20+15	1	0	1	74		14.40	14.20	14.52		
20+15	1	99	1	0		19.37	19.13	19.42		
20+15	100	0	75	0	256-QAM	16.99	16.81	17.12	15.83	0.0383
20+15	1	0	1	74		14.09	14.04	14.29		
20+15	1	99	1	0		16.96	16.73	17.23		
15+20	75	0	100	0	QPSK	20.04	19.82	20.07	20.65	0.1161
15+20	1	0	1	99		13.97	13.76	13.99		
15+20	1	74	1	0		21.99	21.77	22.05		
15+20	75	0	100	0	16-QAM	19.05	18.81	19.06	20.08	0.1019
15+20	1	0	1	99		14.30	14.22	14.44		
15+20	1	74	1	0		21.43	21.48	21.47		
15+20	75	0	100	0	64-QAM	19.04	18.83	19.07	17.98	0.0628
15+20	1	0	1	99		14.25	14.05	14.23		
15+20	1	74	1	0		19.22	19.10	19.38		
15+20	75	0	100	0	256-QAM	17.00	16.78	17.03	15.82	0.0382
15+20	1	0	1	99		14.23	13.89	14.18		
15+20	1	74	1	0		17.02	16.74	17.22		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.04	19.87	20.19	20.75	0.1189
20+10	1	0	1	49		13.98	13.81	14.10		
20+10	1	99	1	0		21.97	21.77	22.15		
20+10	100	0	50	0	16-QAM	19.06	18.90	19.21	20.21	0.1050
20+10	1	0	1	49		14.44	14.31	14.62		
20+10	1	99	1	0		21.51	21.14	21.61		
20+10	100	0	50	0	64-QAM	19.03	18.87	19.20	18.22	0.0664
20+10	1	0	1	49		14.43	14.19	14.80		
20+10	1	99	1	0		19.32	19.18	19.62		
20+10	100	0	50	0	256-QAM	17.06	16.86	17.21	15.82	0.0382
20+10	1	0	1	49		14.10	13.83	14.34		
20+10	1	99	1	0		16.79	16.80	17.22		
10+20	50	0	100	0	QPSK	20.17	19.82	20.11	20.68	0.1169
10+20	1	0	1	99		14.08	13.72	14.00		
10+20	1	49	1	0		22.08	21.73	22.02		
10+20	50	0	100	0	16-QAM	19.17	18.81	19.10	20.22	0.1052
10+20	1	0	1	99		14.48	14.11	14.58		
10+20	1	49	1	0		21.62	21.21	21.54		
10+20	50	0	100	0	64-QAM	19.18	18.82	19.13	18.20	0.0661
10+20	1	0	1	99		14.35	14.13	14.31		
10+20	1	49	1	0		19.60	18.98	19.34		
10+20	50	0	100	0	256-QAM	17.21	16.85	17.15	15.86	0.0385
10+20	1	0	1	99		14.22	13.86	14.24		
10+20	1	49	1	0		17.26	16.99	17.09		
20+5	100	0	25	0	QPSK	20.05	19.87	20.22	20.76	0.1191
20+5	1	0	1	24		13.99	13.82	14.12		
20+5	1	99	1	0		21.95	21.74	22.16		
20+5	100	0	25	0	16-QAM	19.06	18.88	19.25	20.25	0.1059
20+5	1	0	1	24		14.29	14.38	14.60		
20+5	1	99	1	0		21.41	21.21	21.65		
20+5	100	0	25	0	64-QAM	19.03	18.84	19.21	18.18	0.0658
20+5	1	0	1	24		14.47	14.21	14.71		
20+5	1	99	1	0		19.40	19.20	19.58		
20+5	100	0	25	0	256-QAM	17.02	16.85	17.22	15.88	0.0387
20+5	1	0	1	24		13.84	14.11	14.34		
20+5	1	99	1	0		17.17	16.87	17.28		
Limit	EIRP < 2W					Result			Pass	

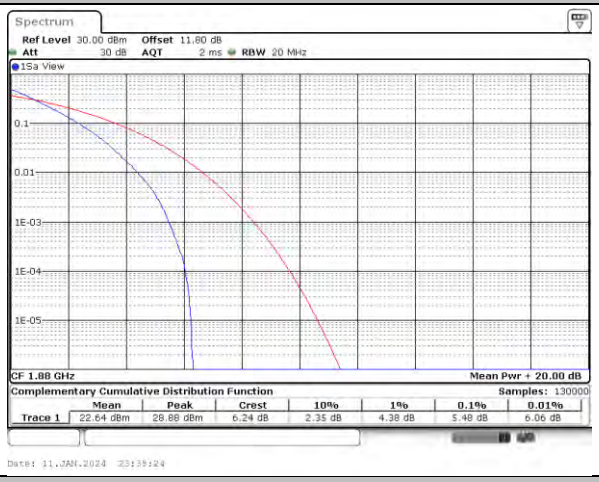
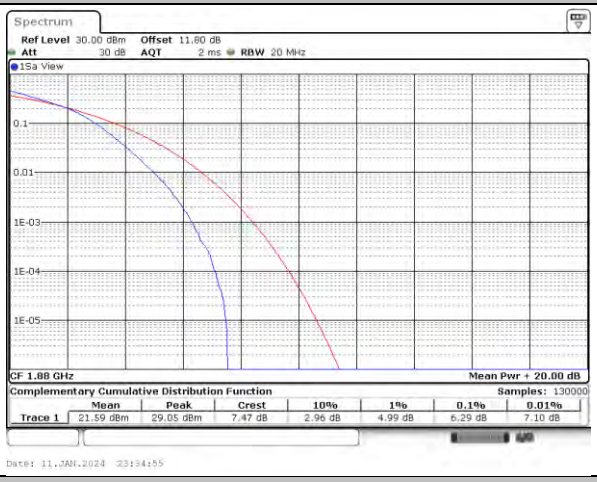
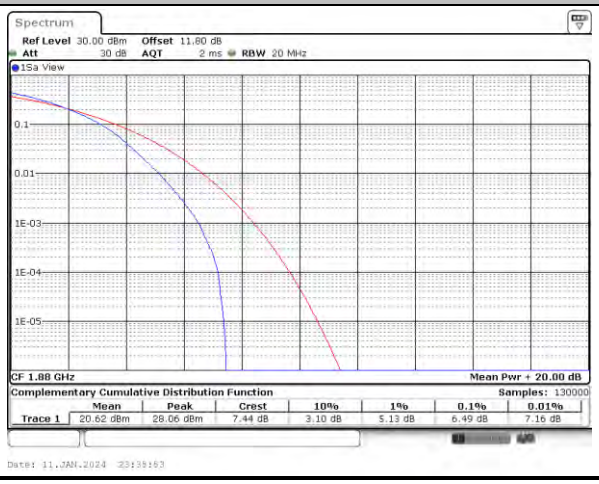
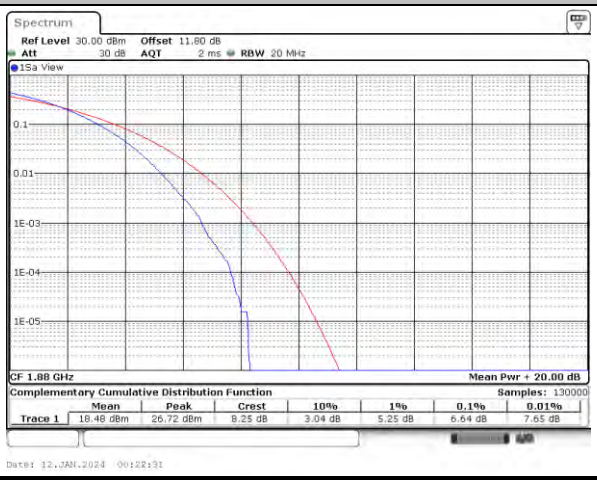
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.14	19.81	20.12	20.63	0.1156
5+20	1	0	1	99		14.05	13.72	14.03		
5+20	1	24	1	0		22.03	21.71	22.00		
5+20	25	0	100	0	16-QAM	19.14	18.85	19.15	20.10	0.1023
5+20	1	0	1	99		14.48	14.36	14.50		
5+20	1	24	1	0		21.50	21.43	21.43		
5+20	25	0	100	0	64-QAM	19.09	18.77	19.12	17.84	0.0608
5+20	1	0	1	99		14.27	14.02	14.39		
5+20	1	24	1	0		19.24	18.99	19.21		
5+20	25	0	100	0	256-QAM	17.15	16.82	17.13	15.75	0.0376
5+20	1	0	1	99		14.07	13.71	14.00		
5+20	1	24	1	0		17.03	16.82	17.06		
15+10	75	0	50	0	QPSK	20.05	19.85	20.20	20.76	0.1191
15+10	1	0	1	49		14.00	13.80	14.10		
15+10	1	74	1	0		22.00	21.79	22.16		
15+10	75	0	50	0	16-QAM	19.04	18.83	19.20	20.19	0.1045
15+10	1	0	1	49		14.38	14.26	14.65		
15+10	1	74	1	0		21.45	21.17	21.59		
15+10	75	0	50	0	64-QAM	19.05	18.86	19.20	18.04	0.0637
15+10	1	0	1	49		14.23	14.04	14.52		
15+10	1	74	1	0		19.38	19.15	19.44		
15+10	75	0	50	0	256-QAM	17.04	16.85	17.19	16.01	0.0399
15+10	1	0	1	49		14.20	13.84	14.37		
15+10	1	74	1	0		17.12	16.74	17.41		
10+15	50	0	75	0	QPSK	20.10	19.83	20.18	20.72	0.1180
10+15	1	0	1	74		13.99	13.73	14.07		
10+15	1	49	1	0		22.01	21.75	22.12		
10+15	50	0	75	0	16-QAM	19.10	18.82	19.19	20.11	0.1026
10+15	1	0	1	74		14.33	14.24	14.55		
10+15	1	49	1	0		21.41	21.19	21.51		
10+15	50	0	75	0	64-QAM	19.11	18.86	19.18	17.98	0.0628
10+15	1	0	1	74		14.13	14.15	14.48		
10+15	1	49	1	0		19.38	19.18	19.19		
10+15	50	0	75	0	256-QAM	17.12	16.86	17.21	15.81	0.0381
10+15	1	0	1	74		14.00	13.76	14.19		
10+15	1	49	1	0		17.17	16.85	17.11		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -1.4 dB)										
15+15	75	0	75	0	QPSK	20.10	19.80	20.22	20.77	0.1194
15+15	1	0	1	74		13.98	13.80	14.09		
15+15	1	74	1	0		22.01	21.80	22.17		
15+15	75	0	75	0	16-QAM	19.08	18.82	19.17	20.30	0.1072
15+15	1	0	1	74		14.39	14.44	14.53		
15+15	1	74	1	0		21.45	21.23	21.70		
15+15	75	0	75	0	64-QAM	19.08	18.83	19.15	18.00	0.0631
15+15	1	0	1	74		14.35	14.28	14.54		
15+15	1	74	1	0		19.39	19.21	19.40		
15+15	75	0	75	0	256-QAM	17.02	16.77	17.09	15.81	0.0381
15+15	1	0	1	74		14.00	14.01	14.11		
15+15	1	74	1	0		16.98	16.94	17.21		
Limit	EIRP < 2W					Result			Pass	

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.48	6.29	6.49	6.64	PASS

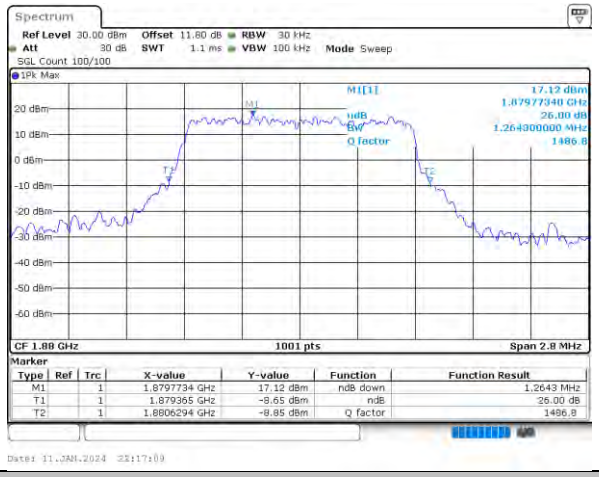
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	LTE Band 2 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

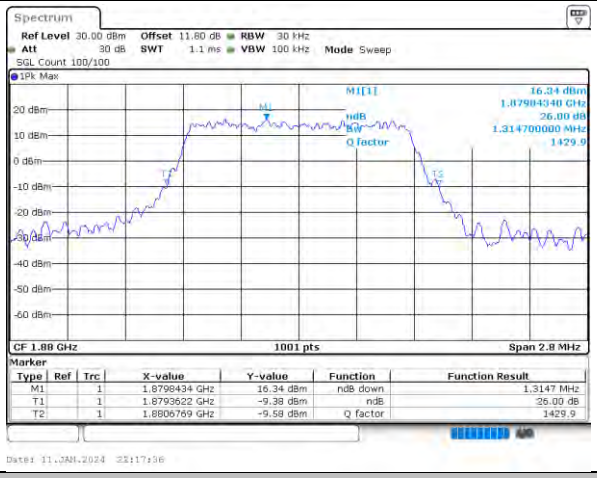
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.26	1.31	3.09	3.15	4.98	4.97	9.94	9.91	14.53	14.74	18.86	19.22
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.26	1.30	3.11	2.99	5.14	5.04	10.08	9.94	14.56	14.41	18.94	19.46

LTE Band 2

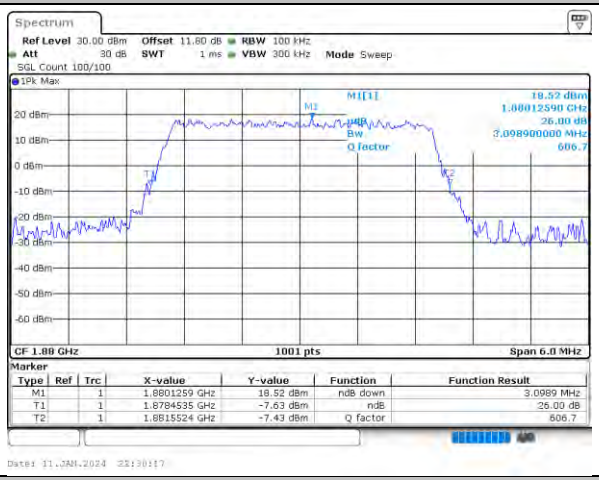
Middle Channel / 1.4MHz / QPSK



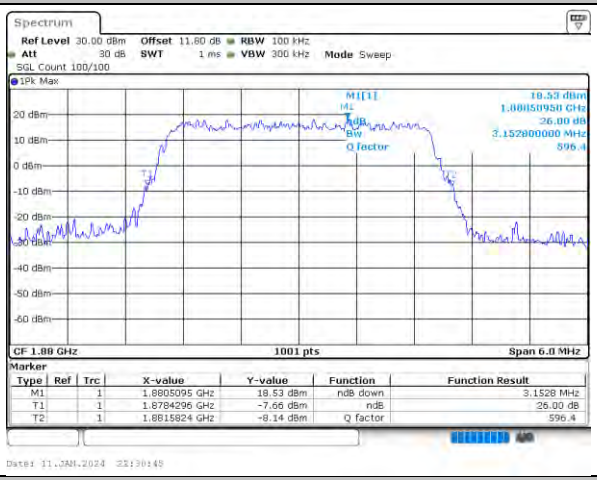
Middle Channel / 1.4MHz / 16QAM



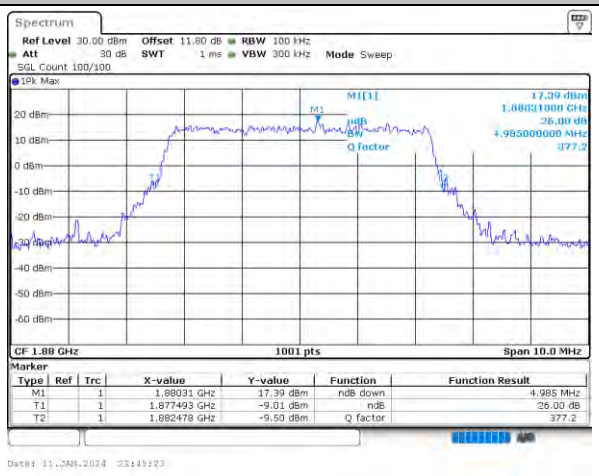
Middle Channel / 3MHz / QPSK



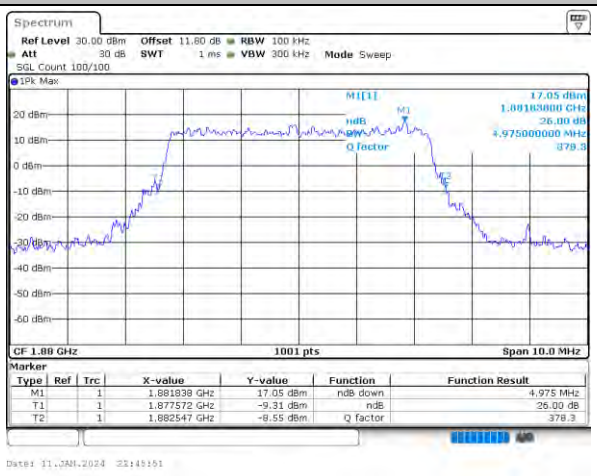
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

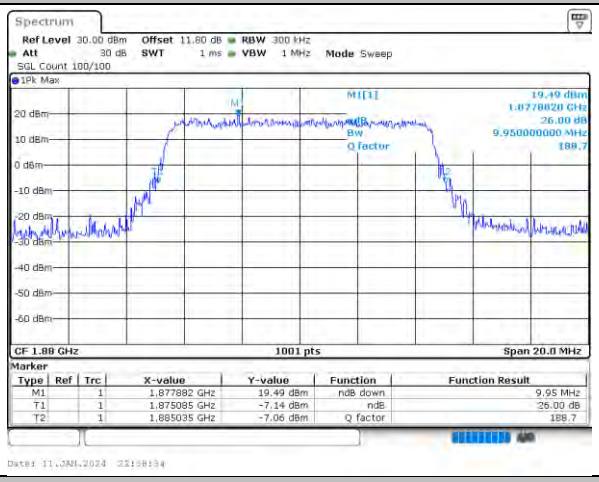


Middle Channel / 5MHz / 16QAM

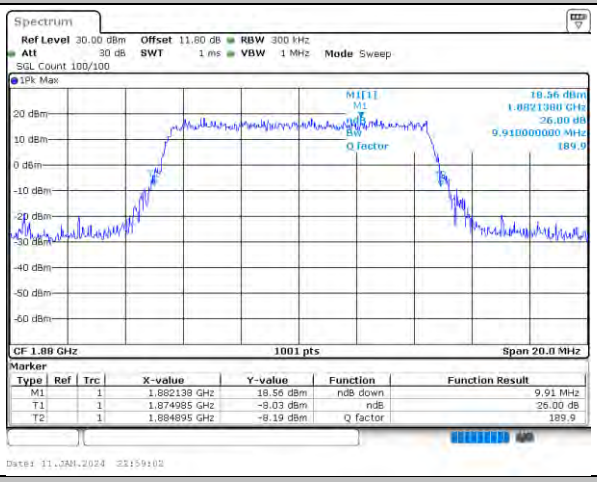


LTE Band 2

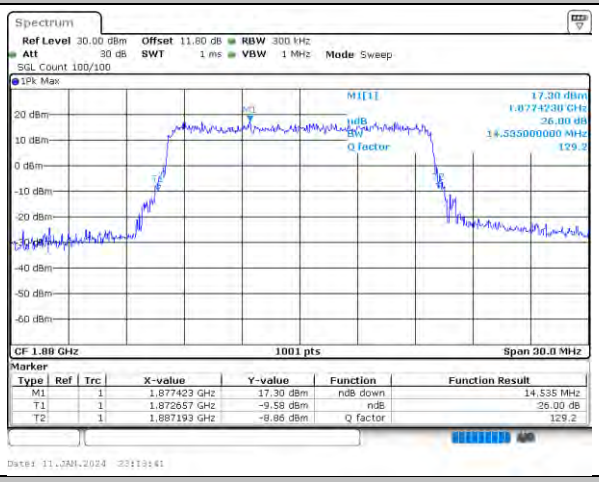
Middle Channel / 10MHz / QPSK



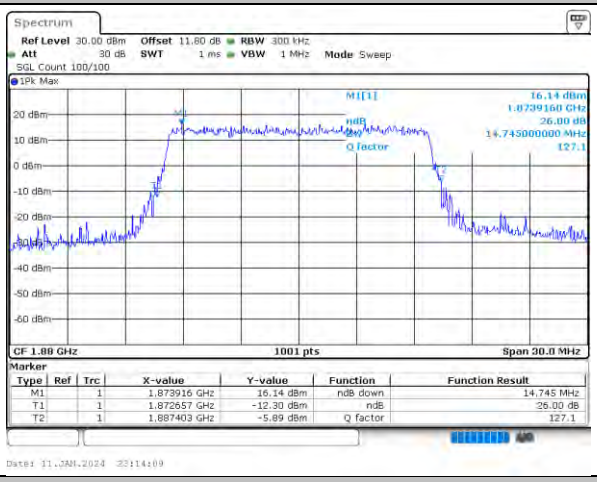
Middle Channel / 10MHz / 16QAM



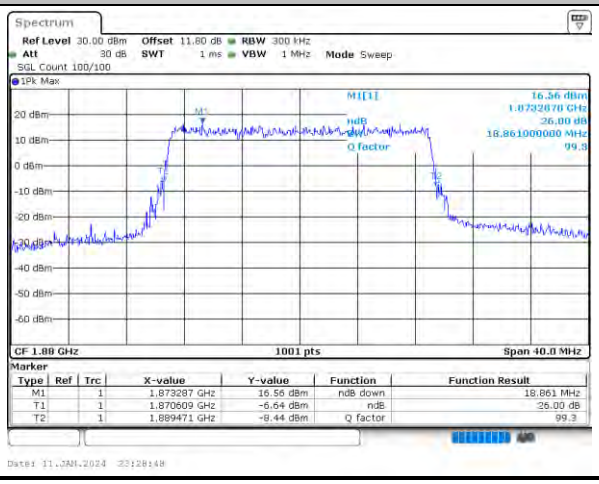
Middle Channel / 15MHz / QPSK



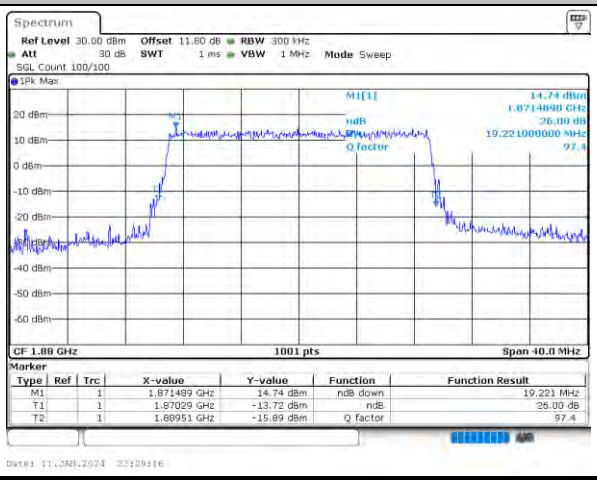
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

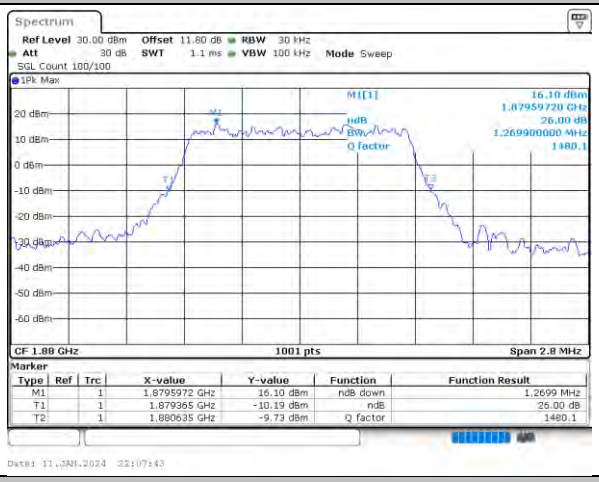


Middle Channel / 20MHz / 16QAM

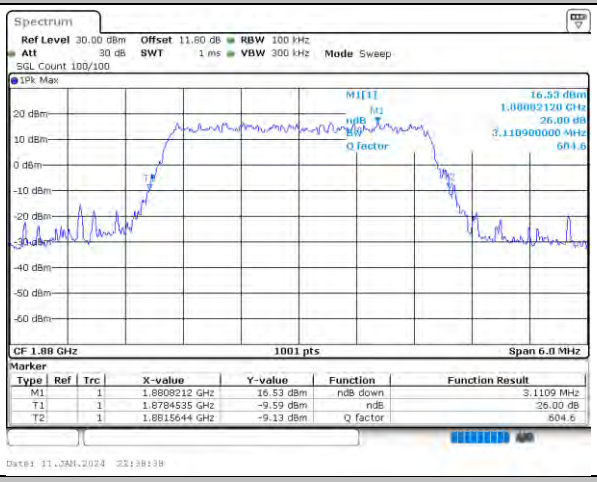


LTE Band 2

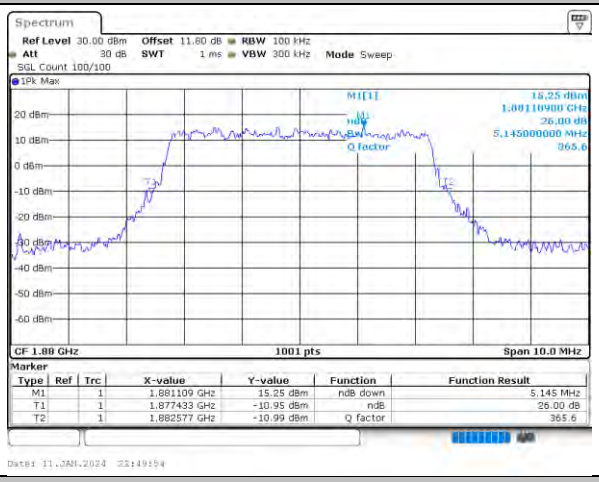
Middle Channel / 1.4MHz / 64QAM



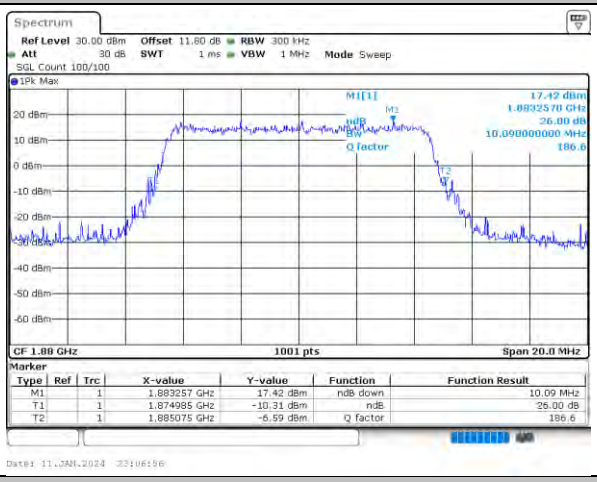
Middle Channel / 3MHz / 64QAM



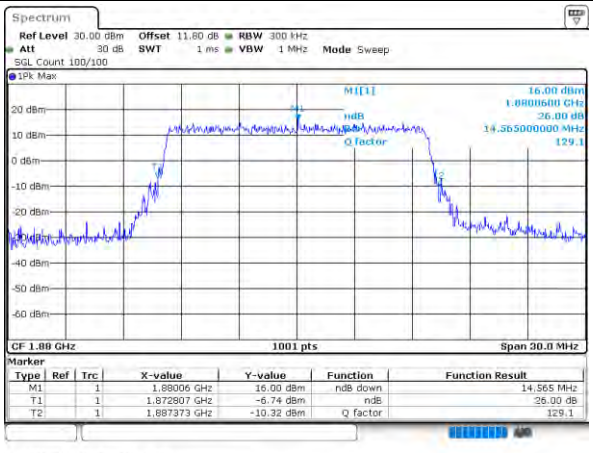
Middle Channel / 5MHz / 64QAM



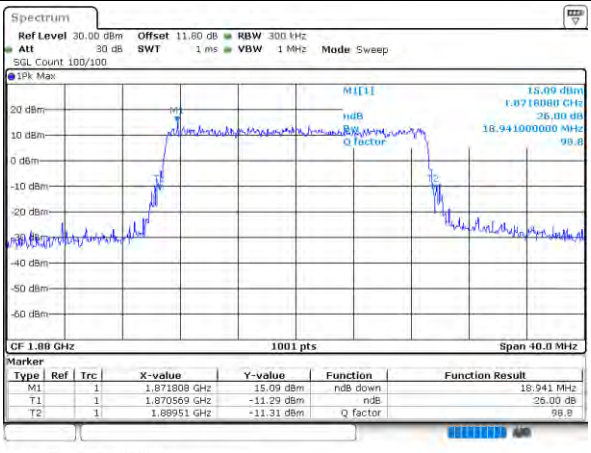
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

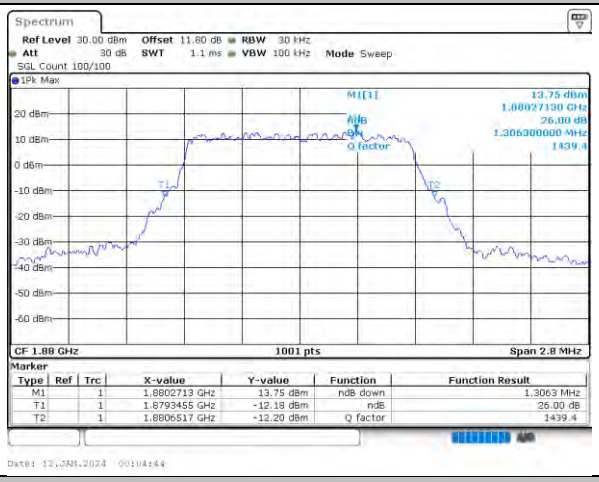


Middle Channel / 20MHz / 64QAM

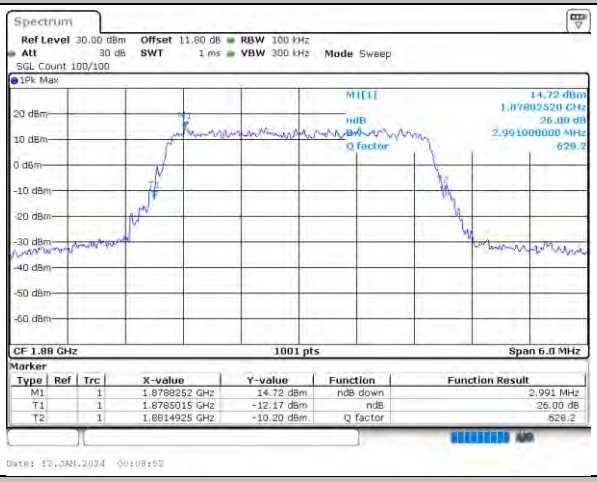


LTE Band 2

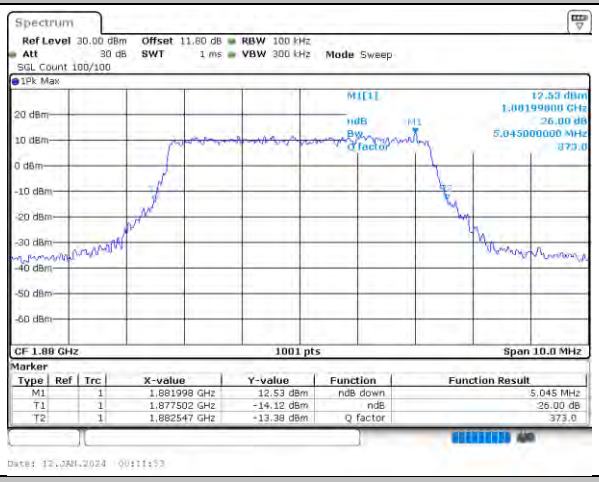
Middle Channel / 1.4MHz / 256QAM



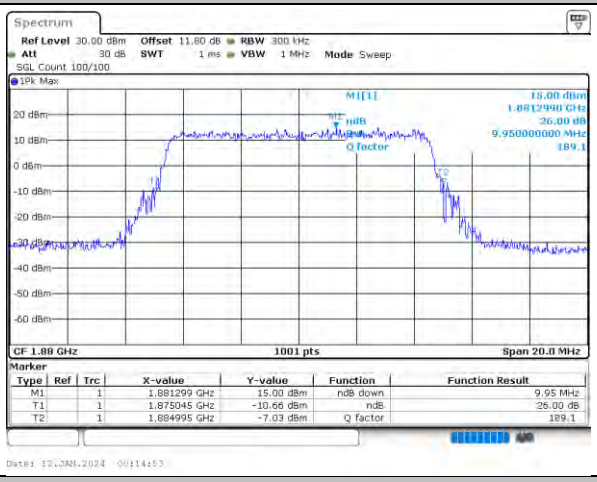
Middle Channel / 3MHz / 256QAM



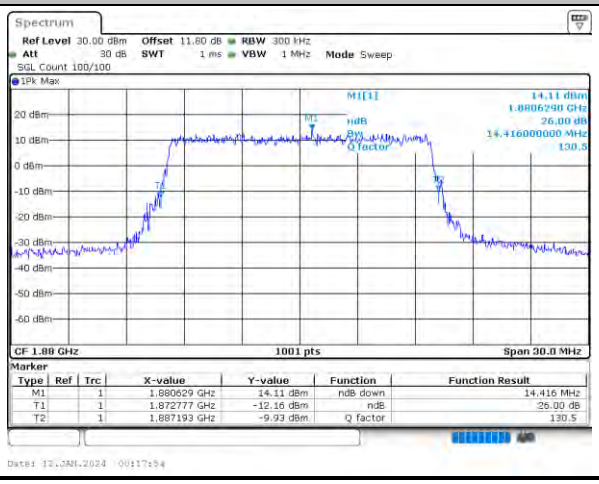
Middle Channel / 5MHz / 256QAM



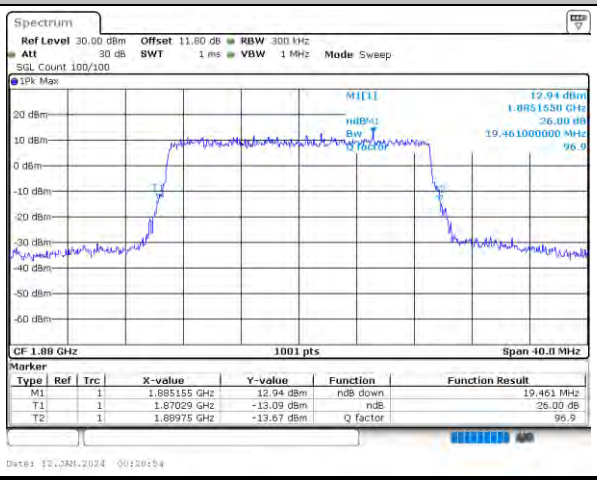
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

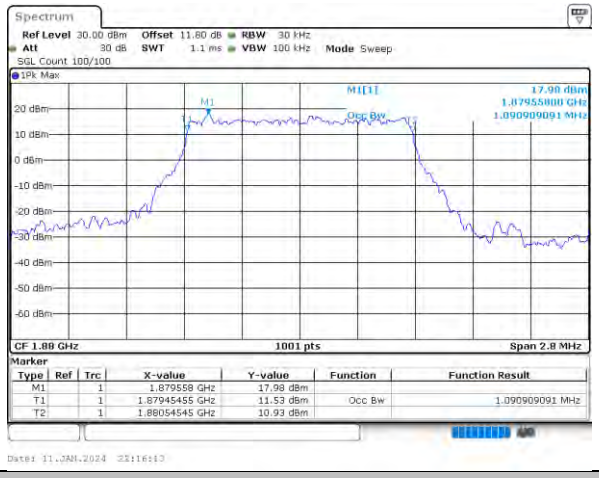


Occupied Bandwidth

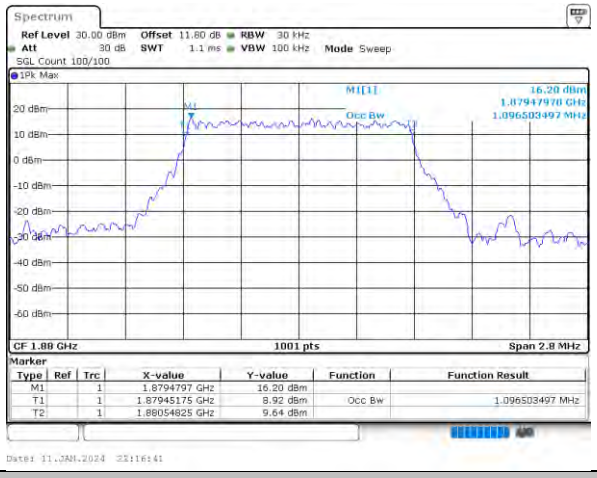
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.75	2.74	4.51	4.51	9.09	9.07	13.45	13.45	17.98	17.90
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.08	2.72	2.74	4.51	4.50	9.05	9.05	13.45	13.45	17.90	17.94

LTE Band 2

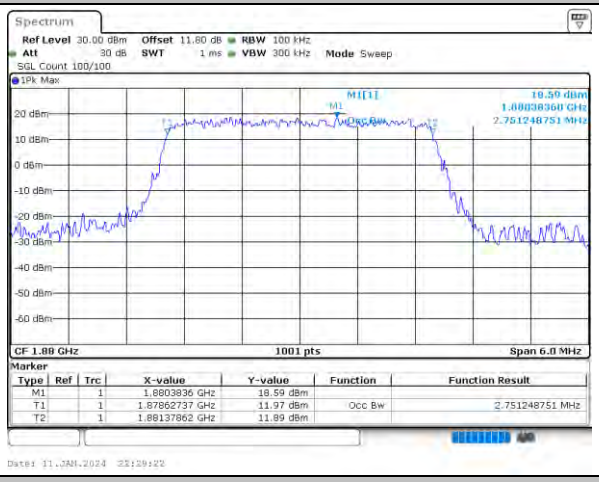
Middle Channel / 1.4MHz / QPSK



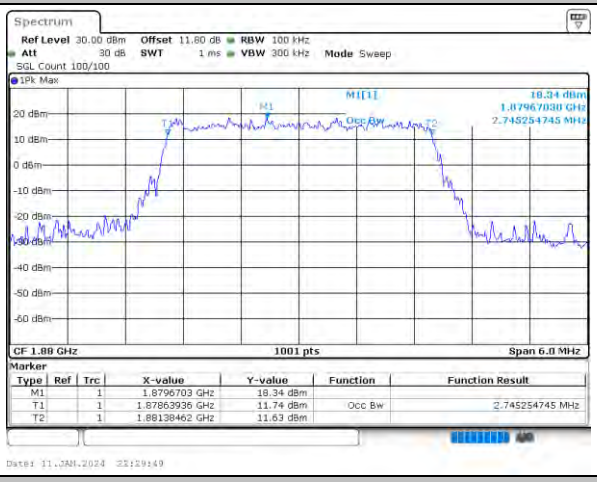
Middle Channel / 1.4MHz / 16QAM



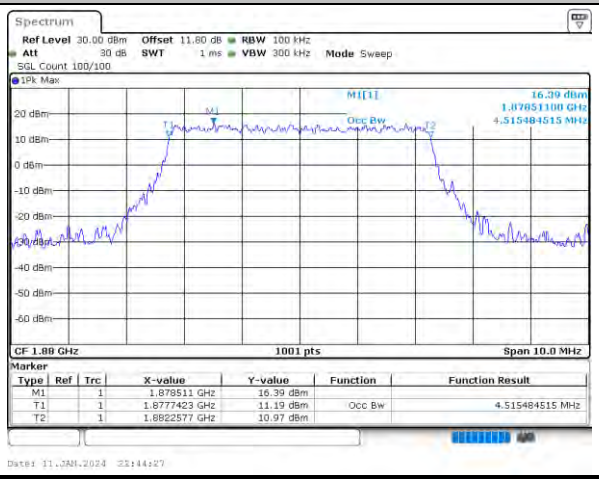
Middle Channel / 3MHz / QPSK



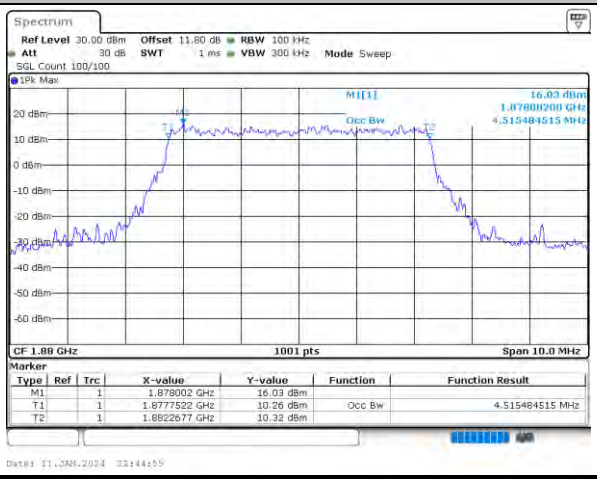
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

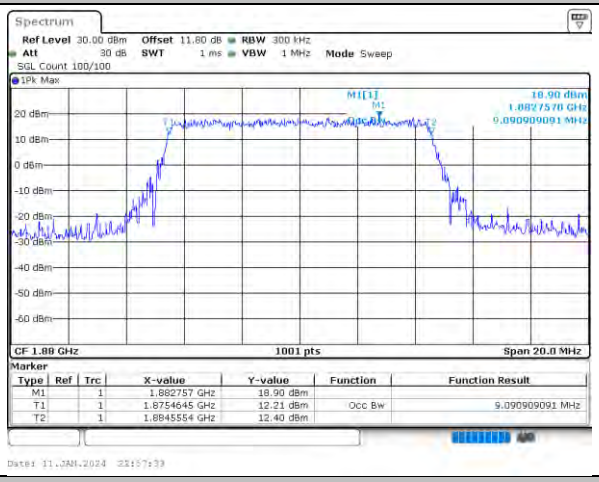


Middle Channel / 5MHz / 16QAM

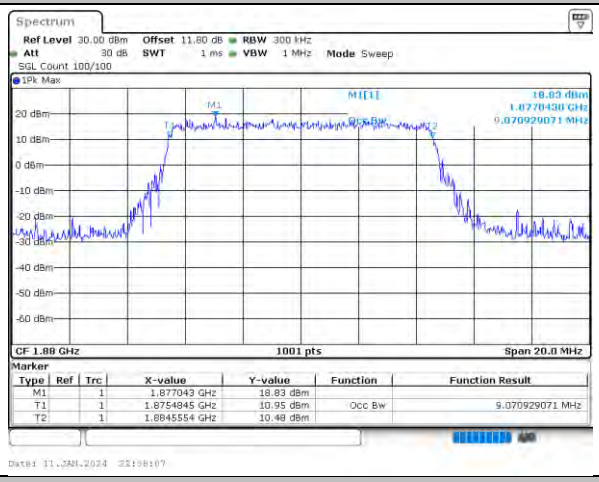


LTE Band 2

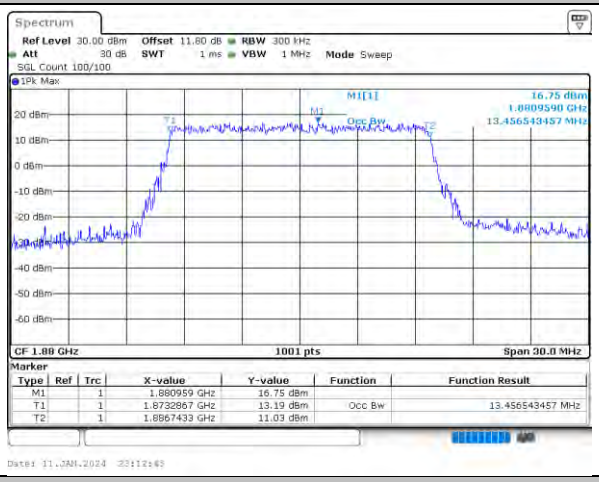
Middle Channel / 10MHz / QPSK



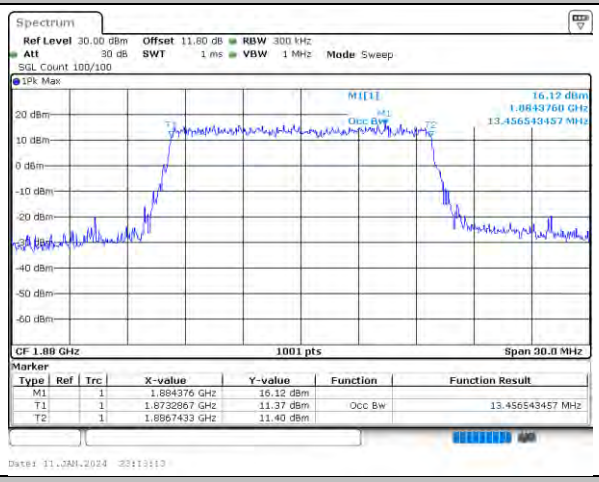
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

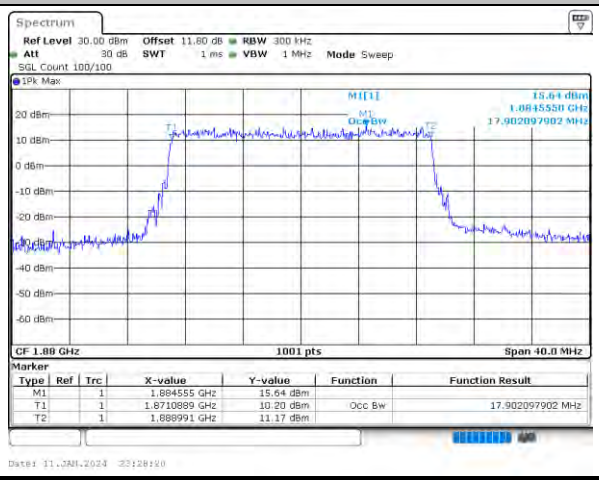


Middle Channel / 15MHz / 16QAM



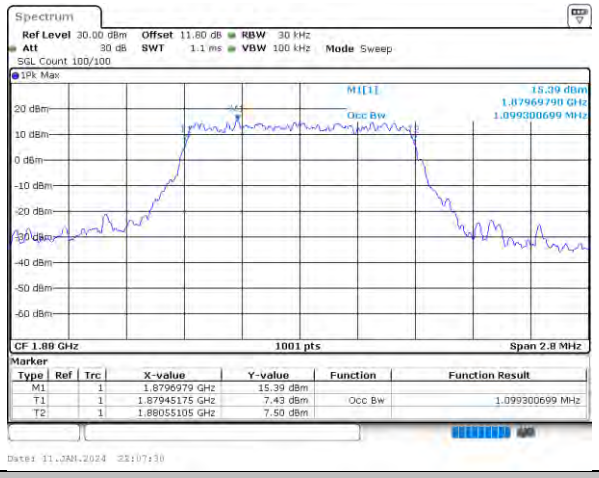
Middle Channel / 20MHz / QPSK

Middle Channel / 20MHz / 16QAM

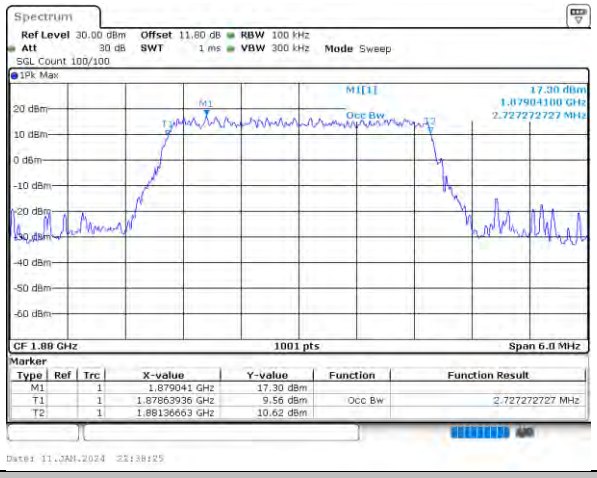


LTE Band 2

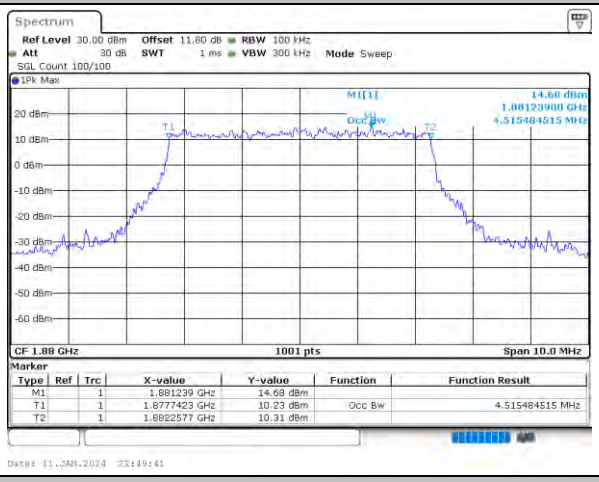
Middle Channel / 1.4MHz / 64QAM



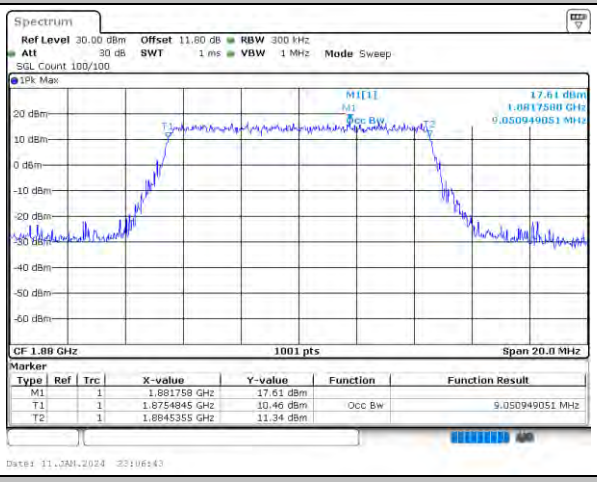
Middle Channel / 3MHz / 64QAM



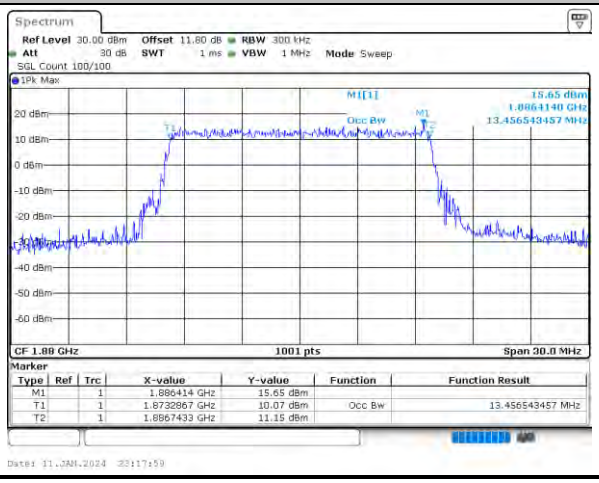
Middle Channel / 5MHz / 64QAM



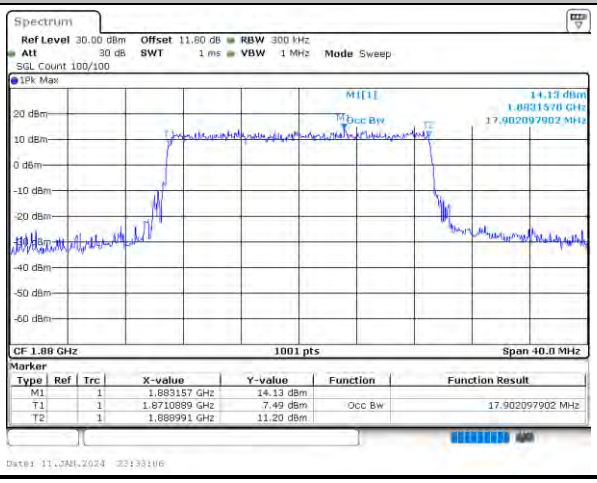
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

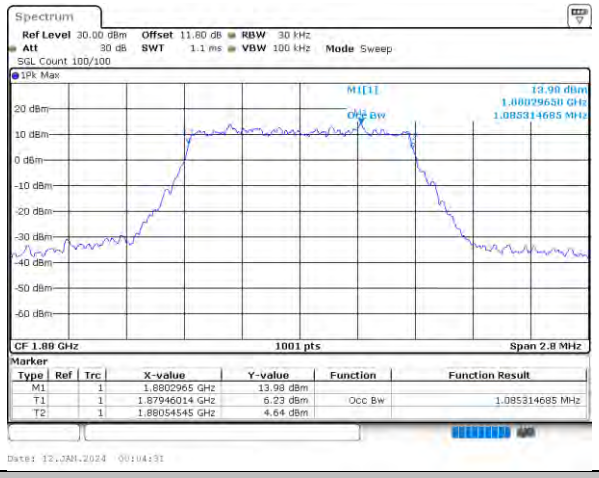


Middle Channel / 20MHz / 64QAM

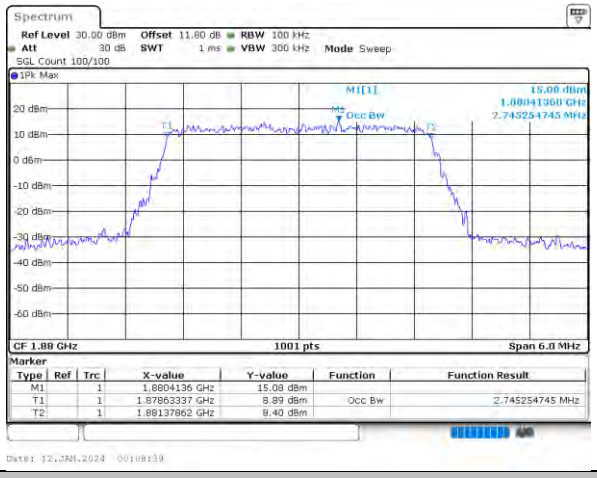


LTE Band 2

Middle Channel / 1.4MHz / 256QAM

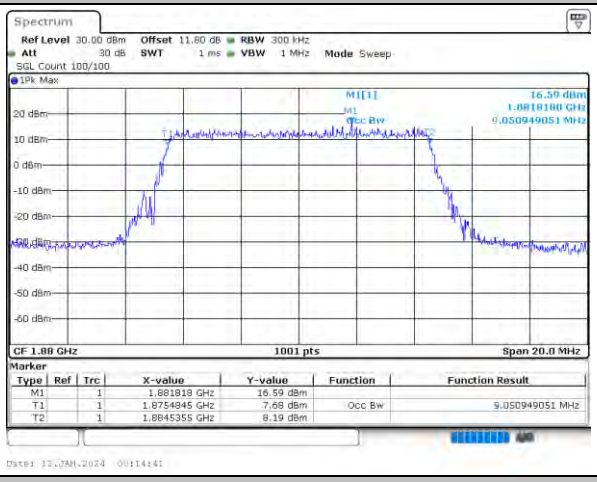


Middle Channel / 3MHz / 256QAM

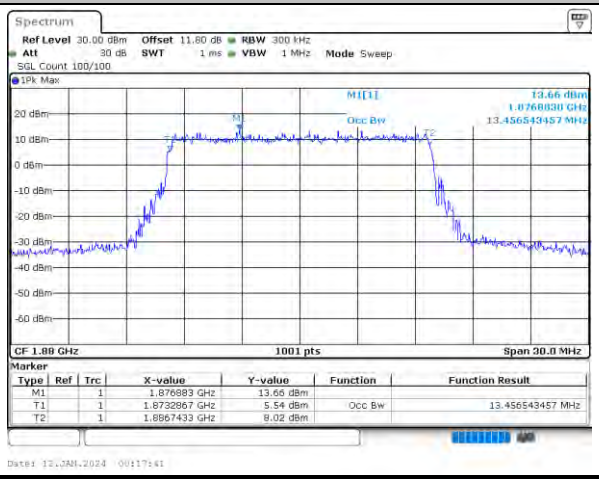


Middle Channel / 5MHz / 256QAM

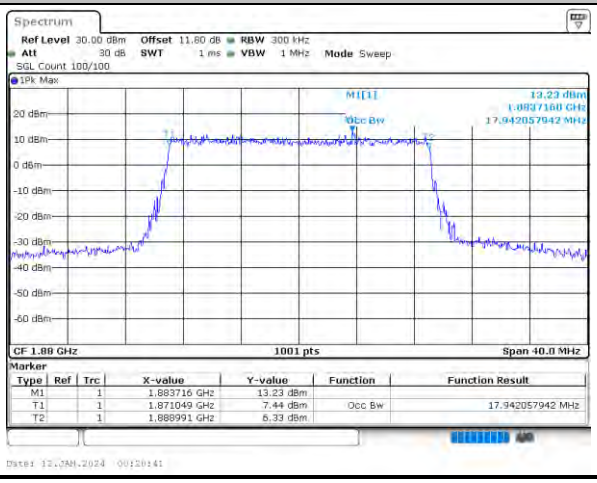
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



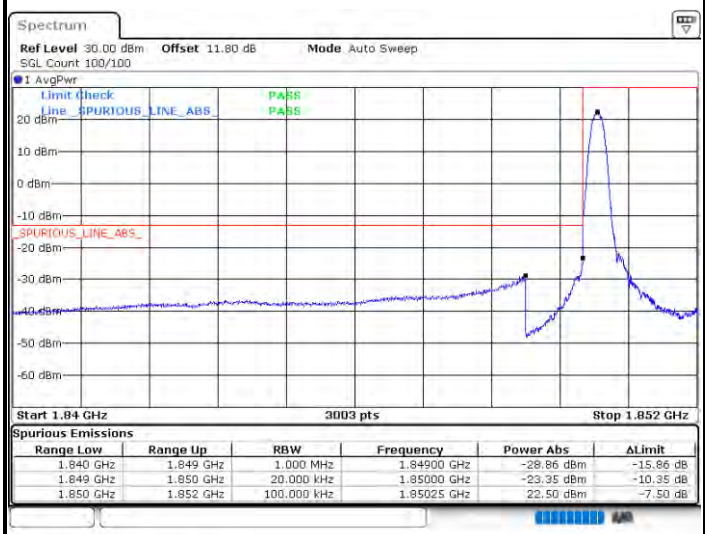
Middle Channel / 20MHz / 256QAM



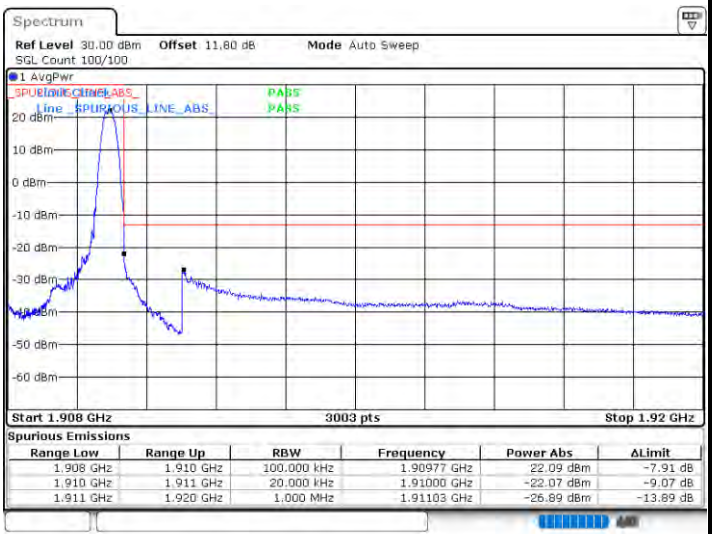
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

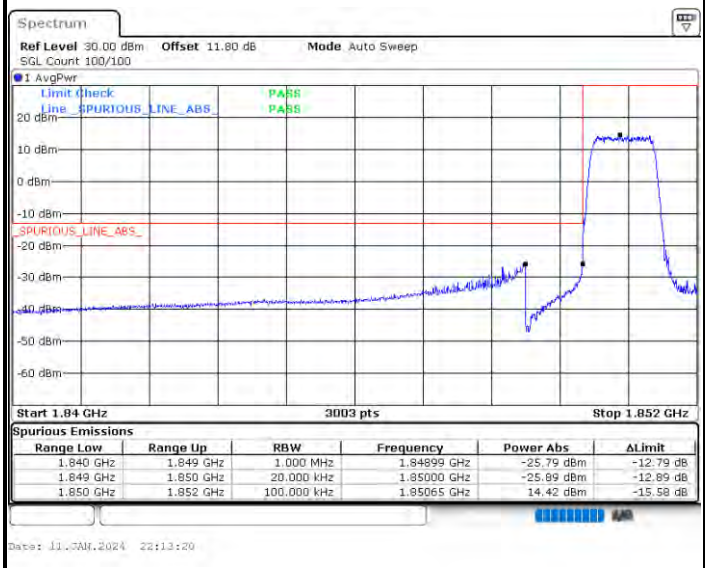
Lowest Band Edge / 1RB



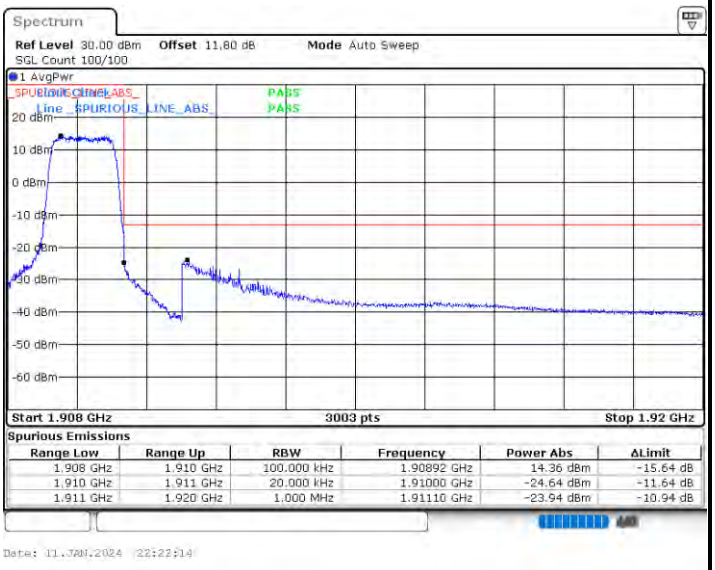
Highest Band Edge / 1RB

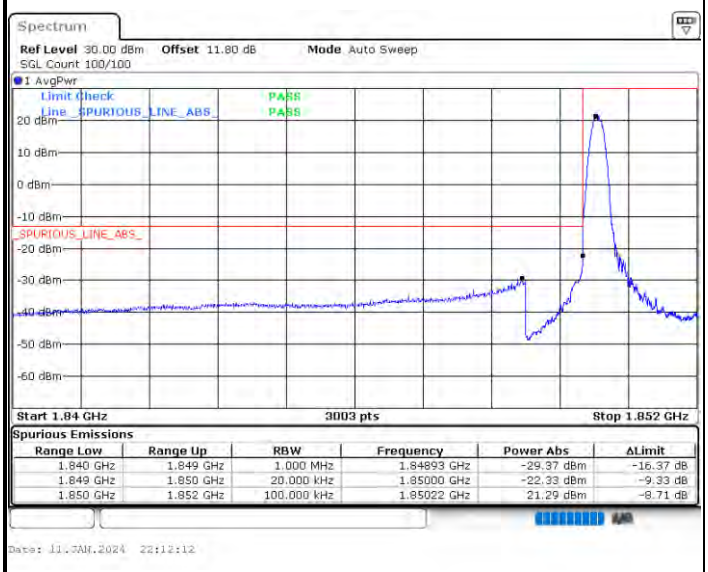
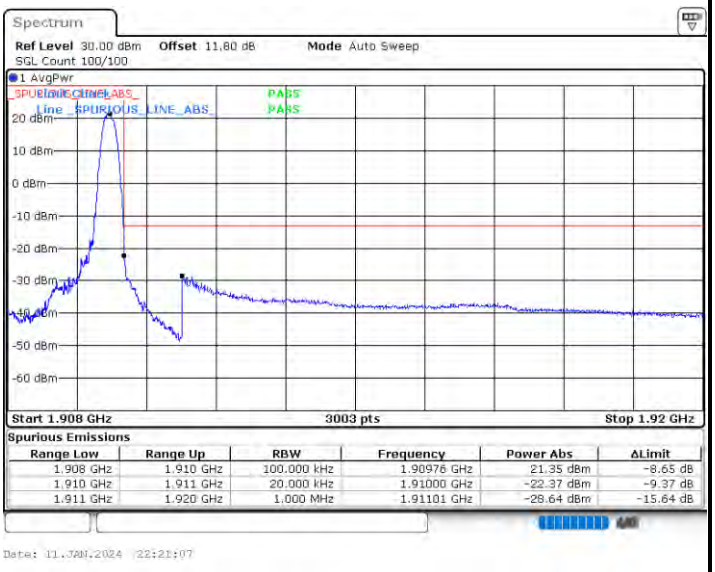
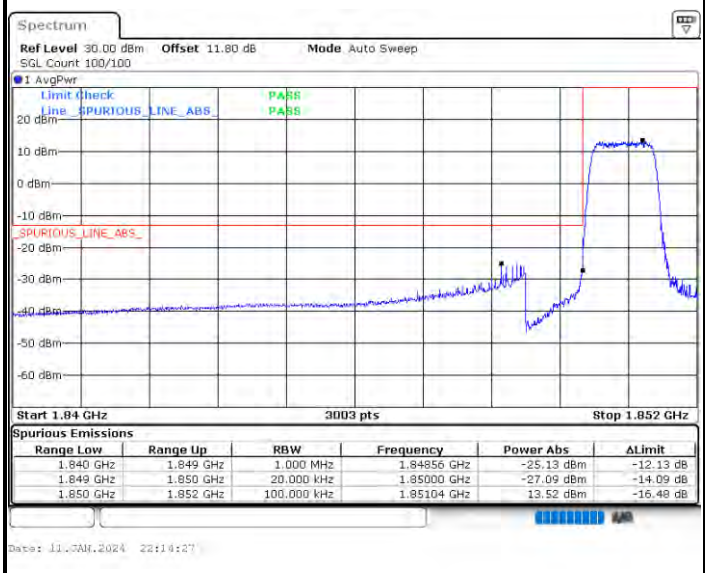
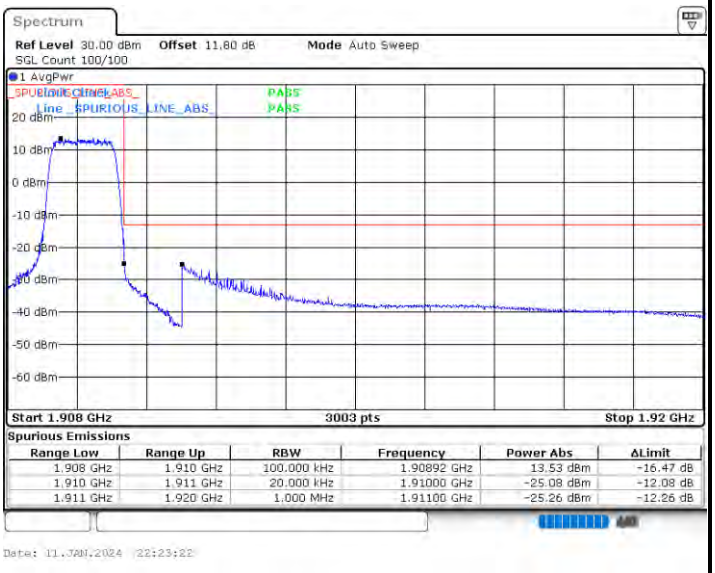


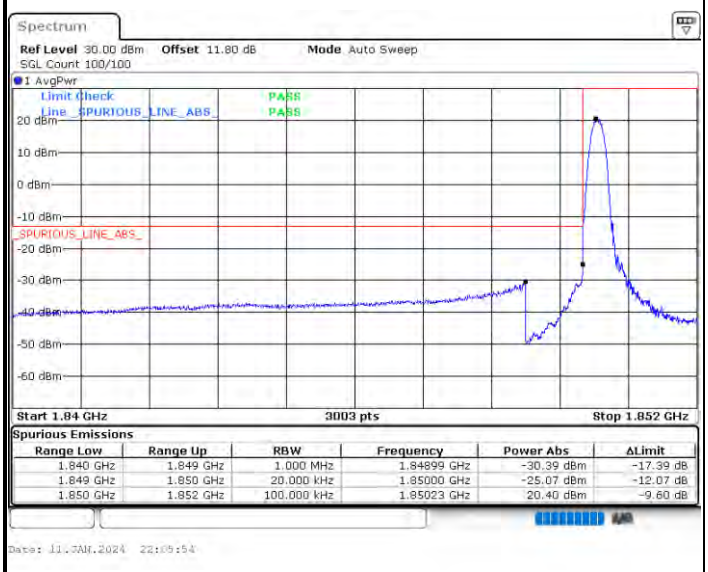
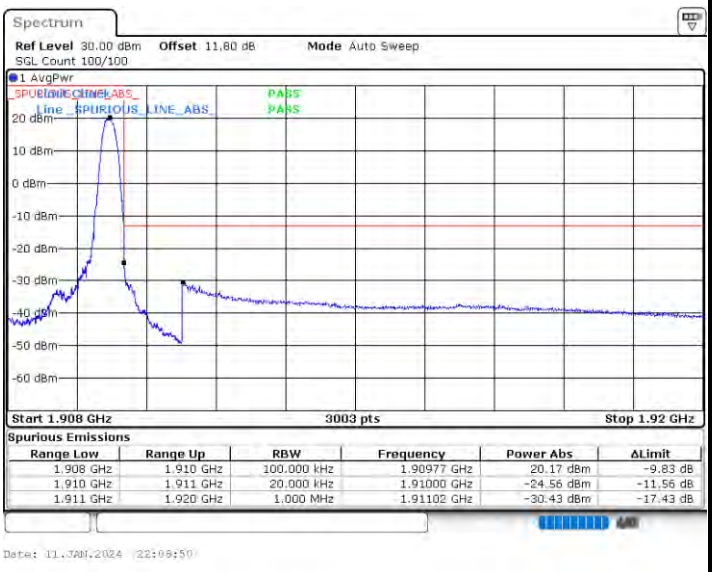
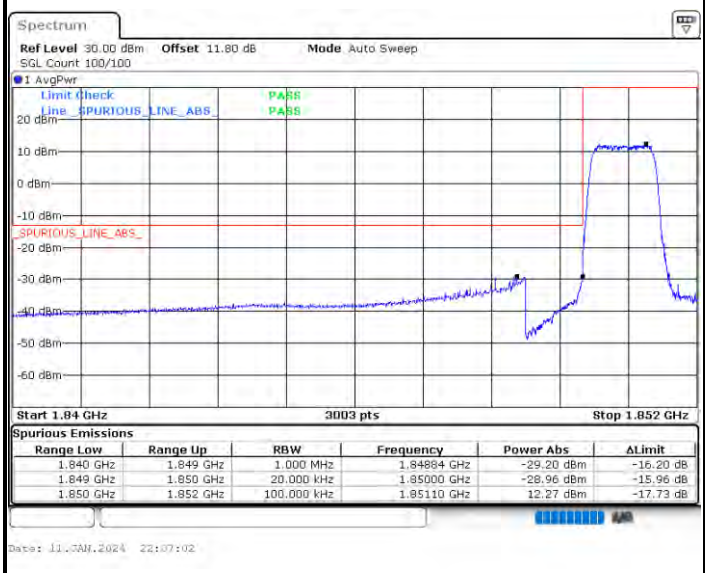
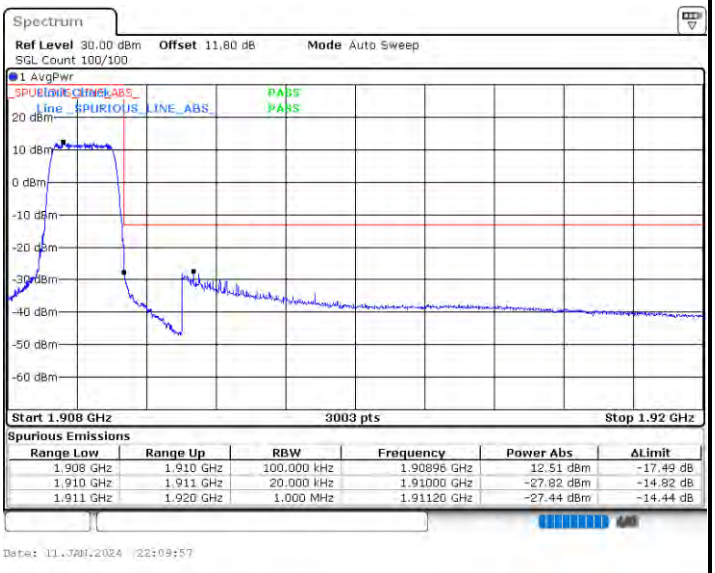
Lowest Band Edge / Full RB



Highest Band Edge / Full RB

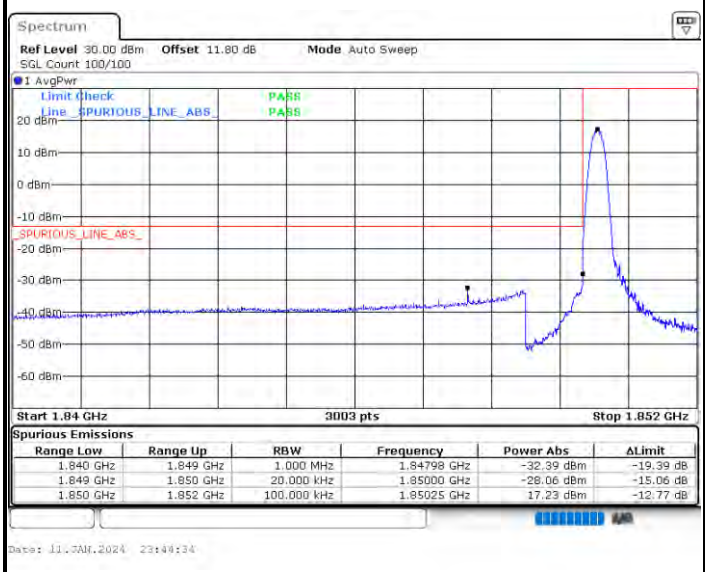


LTE Band 2 / 1.4MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

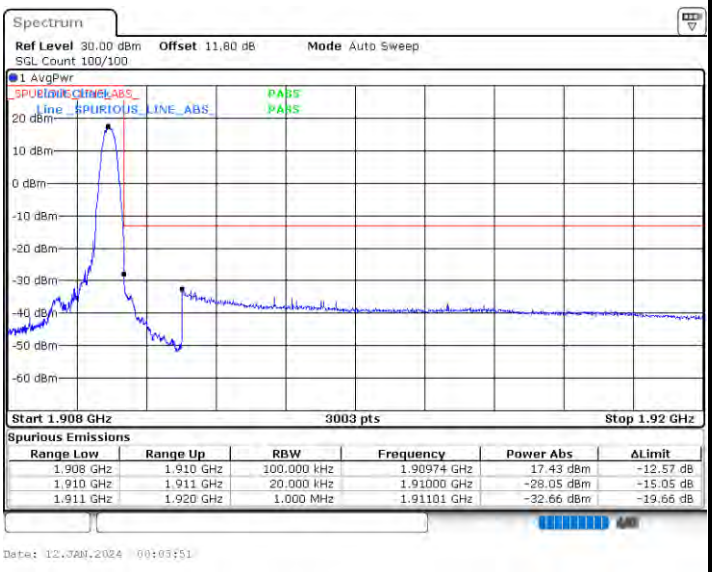
LTE Band 2 / 1.4MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 2 / 1.4MHz / 256QAM

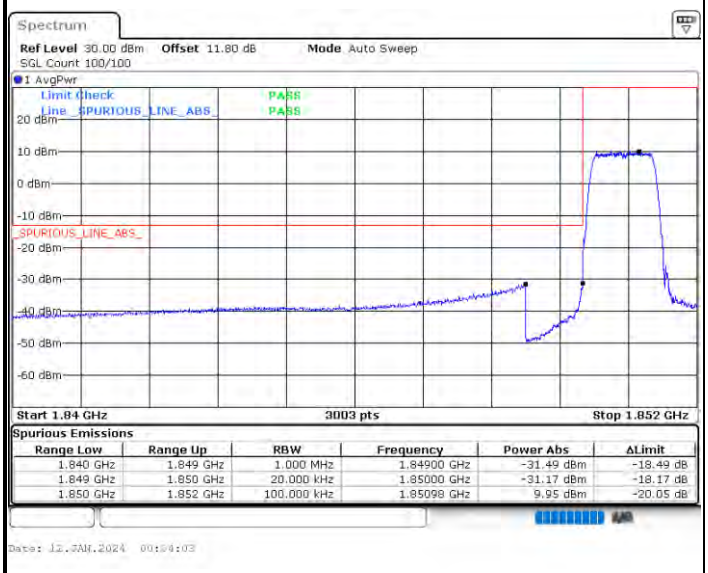
Lowest Band Edge / 1 RB



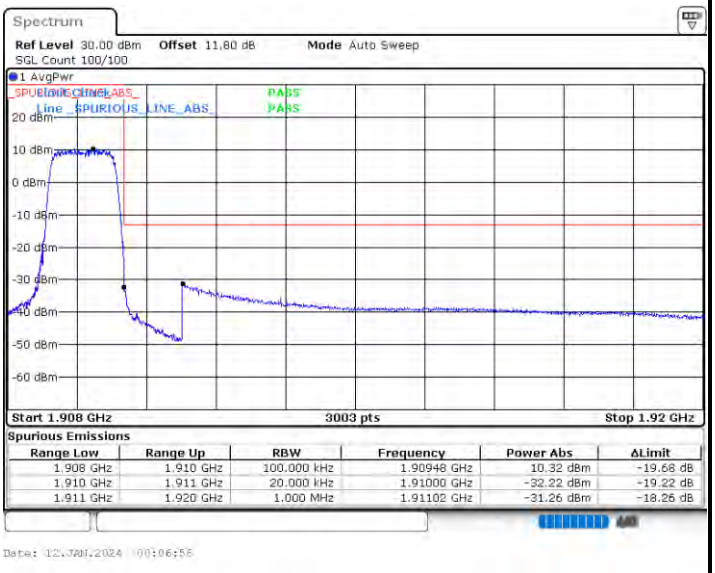
Highest Band Edge / 1 RB



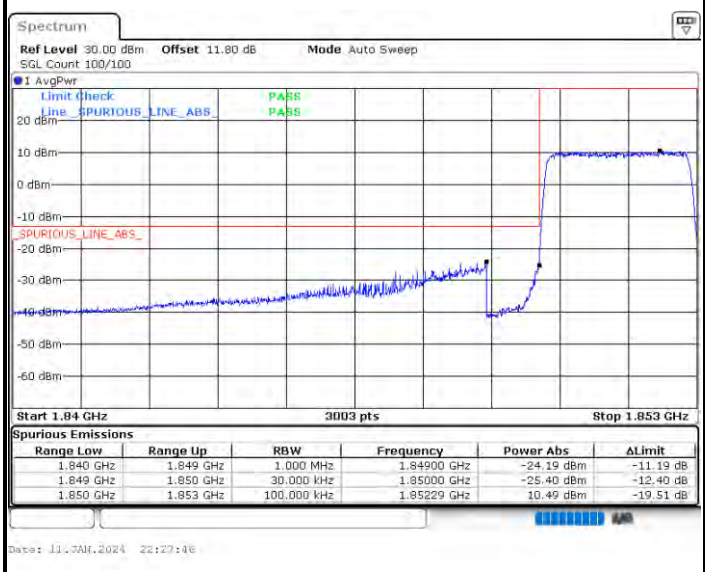
Lowest Band Edge / Full RB

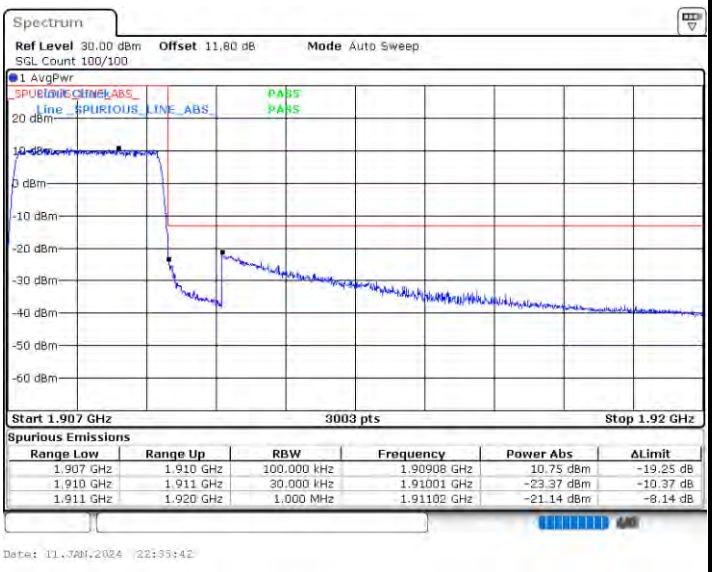


Highest Band Edge / Full RB

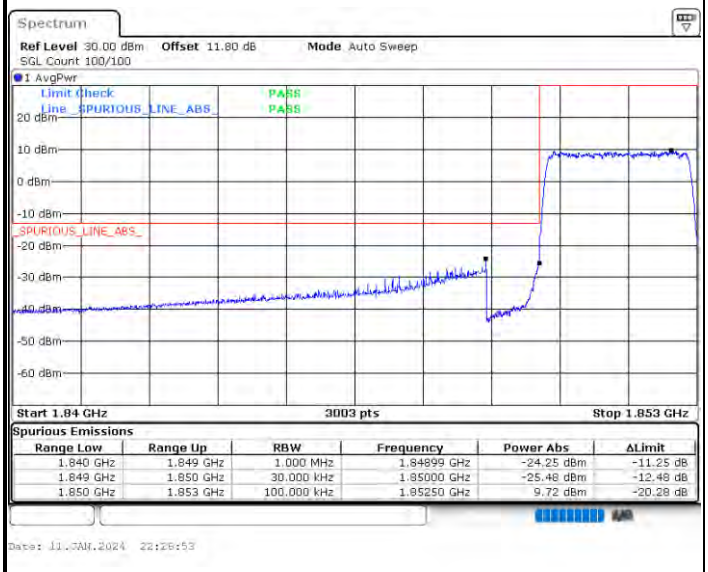


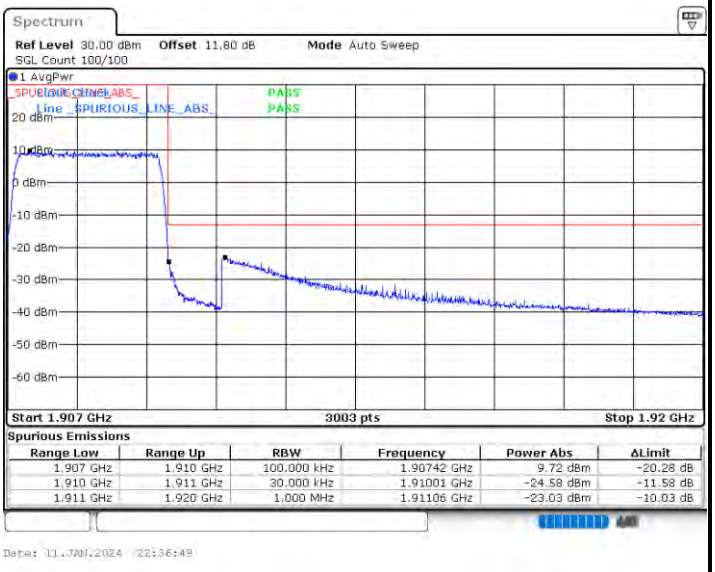
LTE Band 2 / 3MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





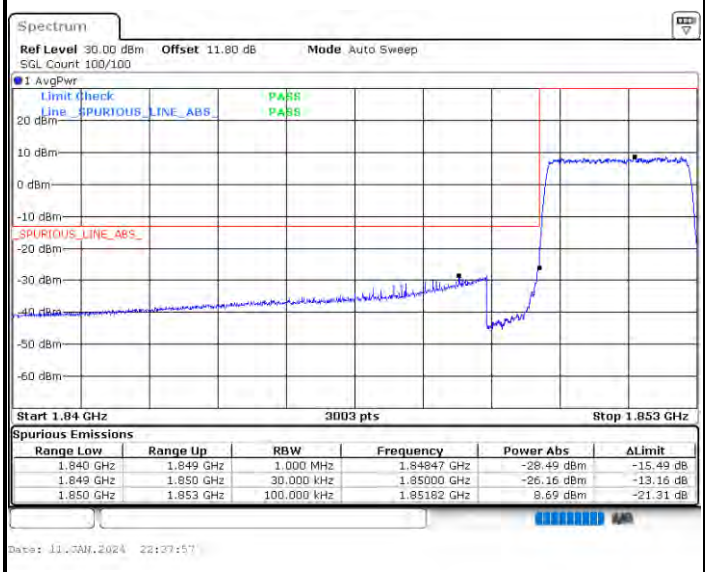
LTE Band 2 / 3MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



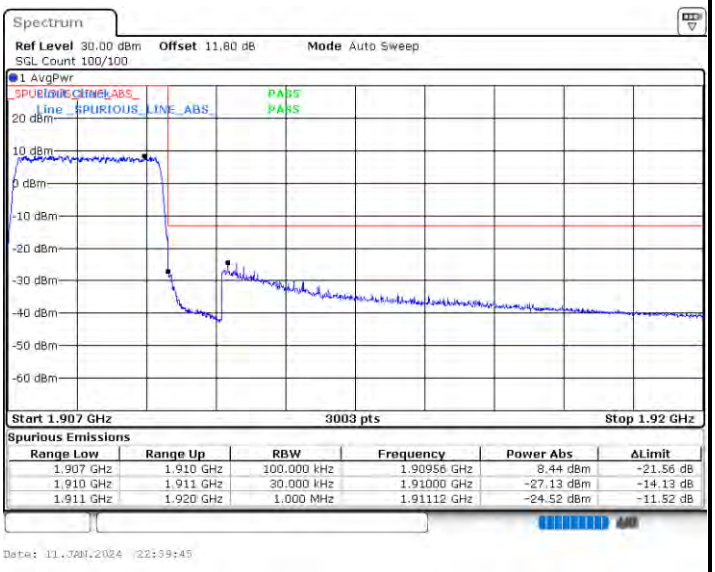


LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / Full RB

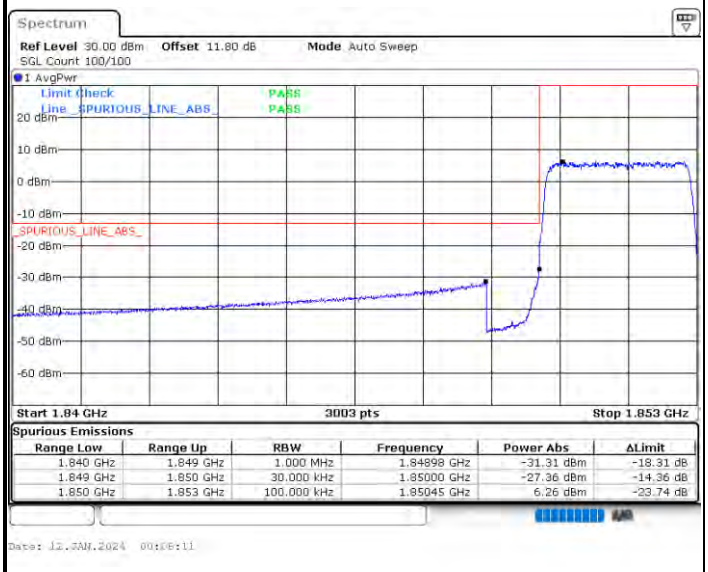


Highest Band Edge / Full RB

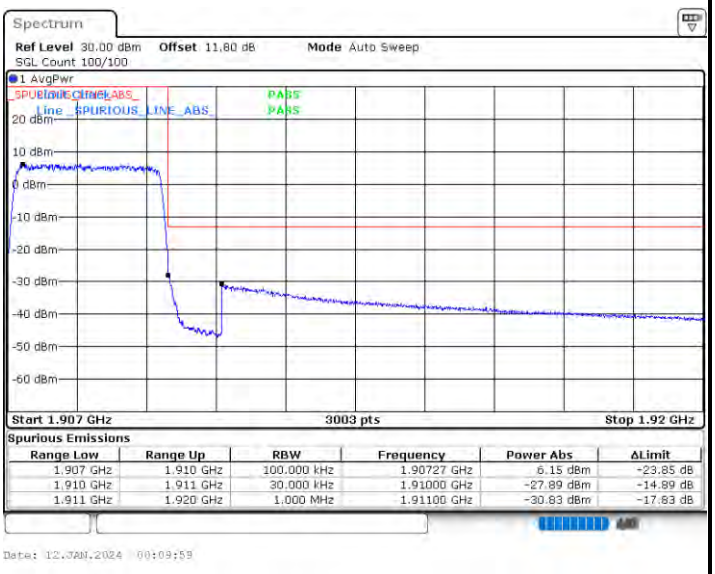


LTE Band 2 / 3MHz / 256QAM

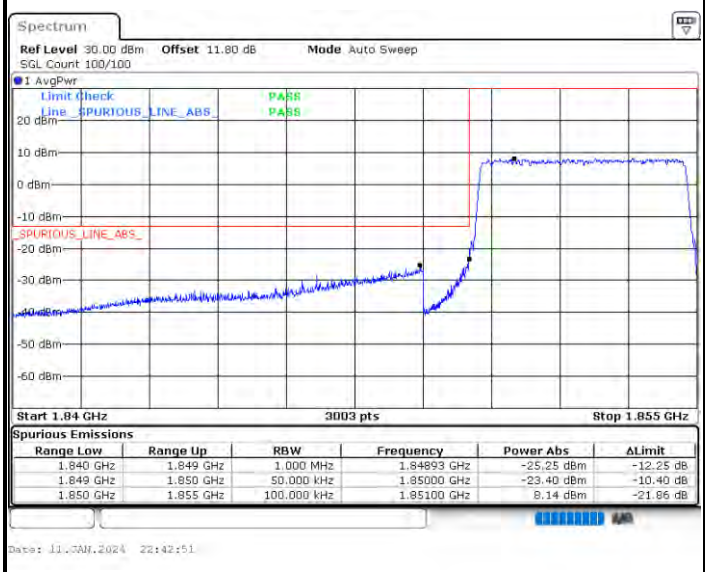
Lowest Band Edge / Full RB

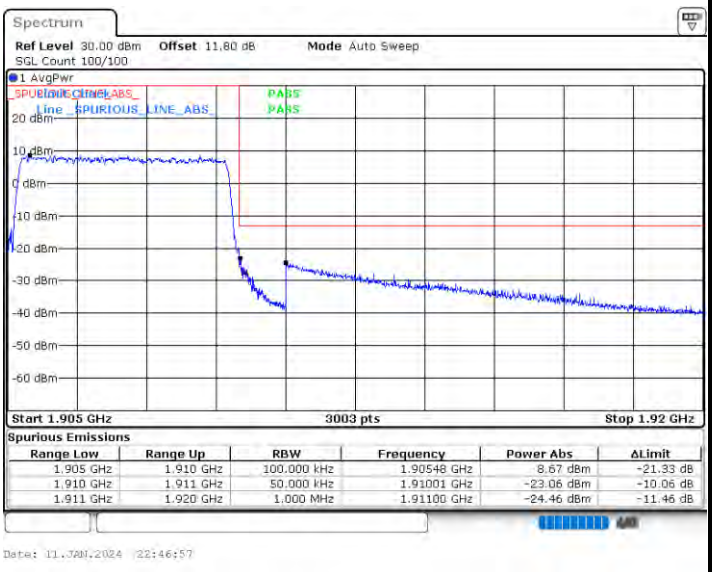


Highest Band Edge / Full RB

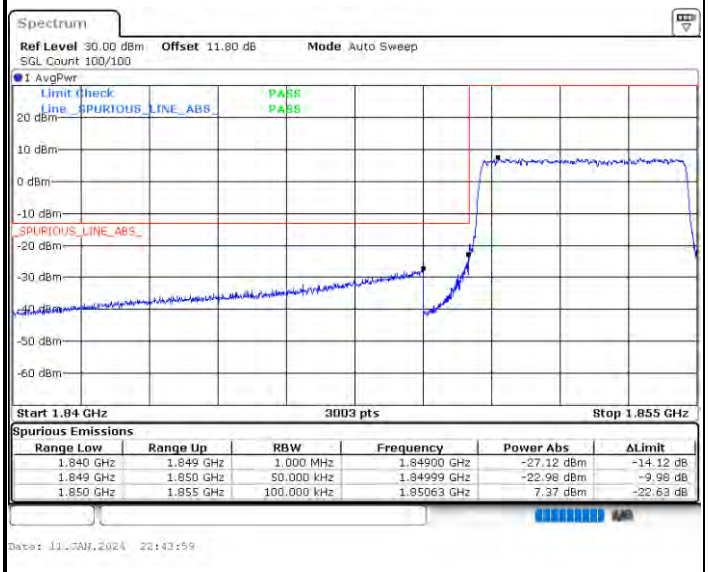


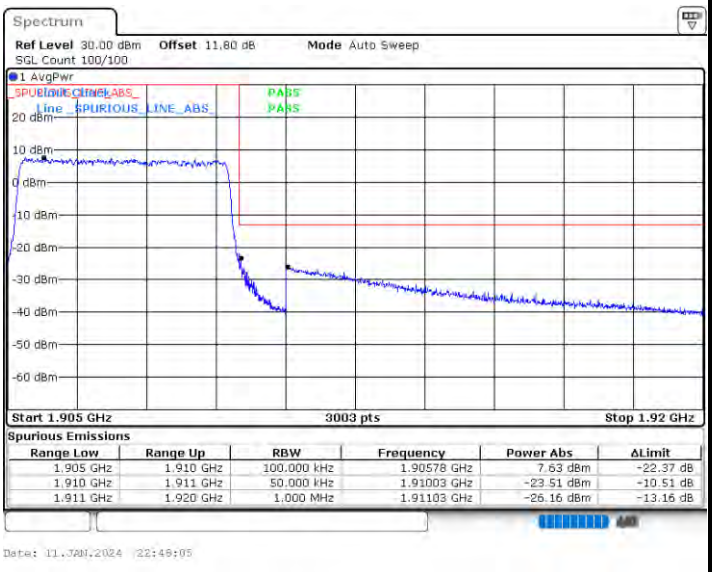
LTE Band 2 / 5MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



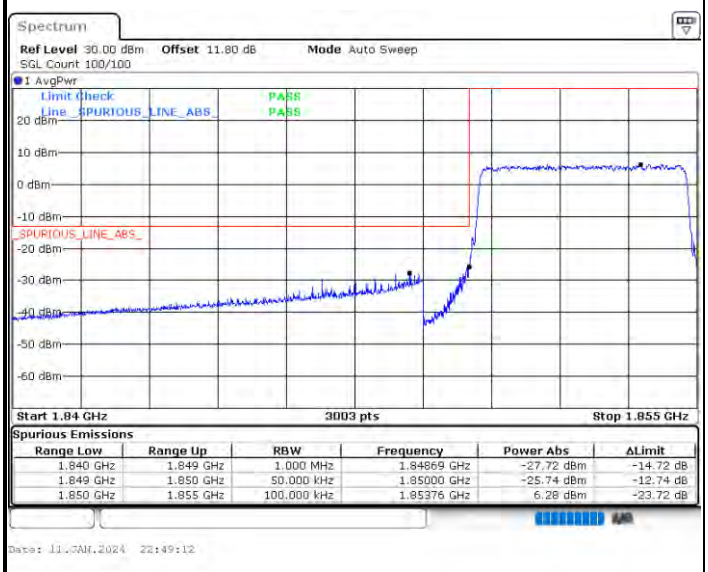


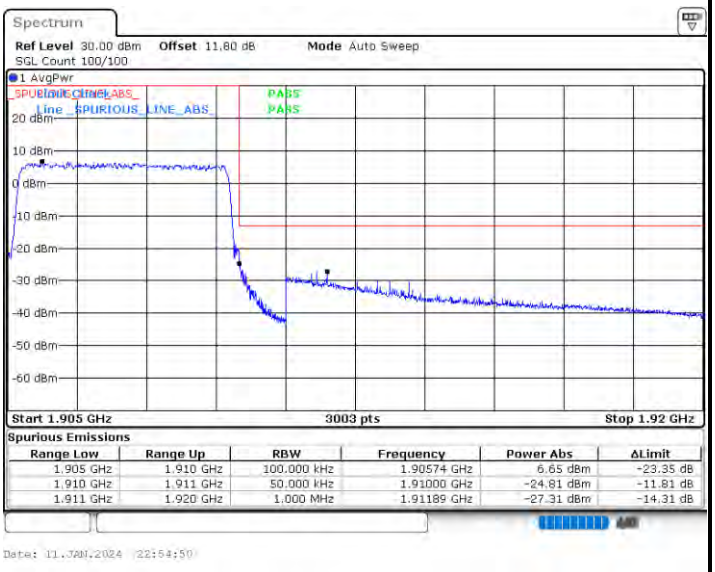
LTE Band 2 / 5MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



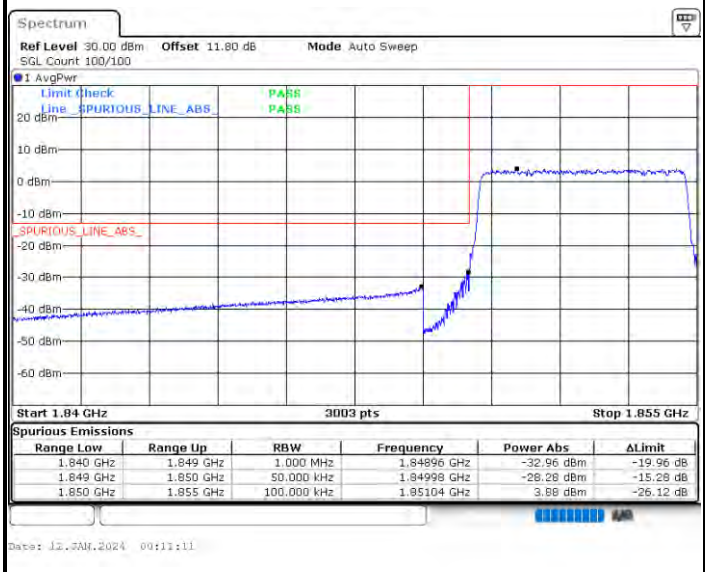


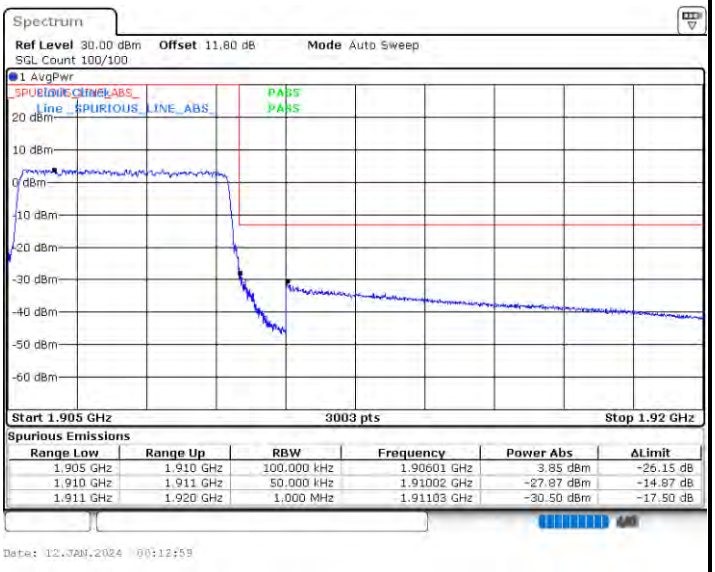
LTE Band 2 / 5MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

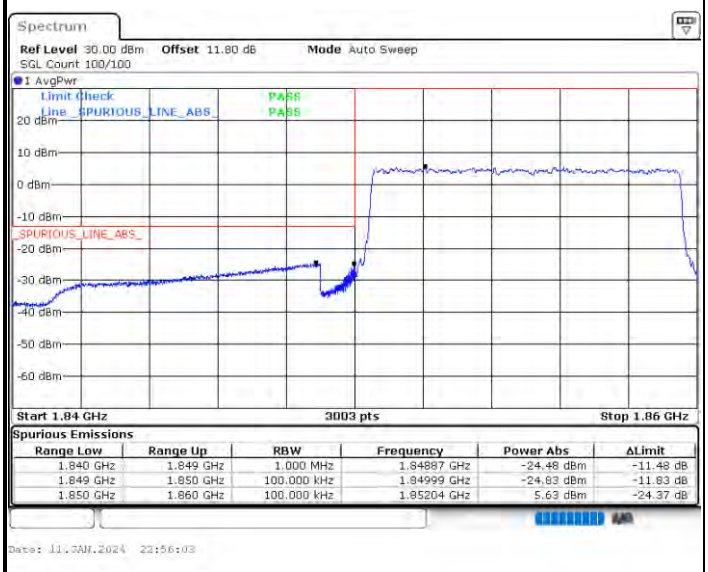
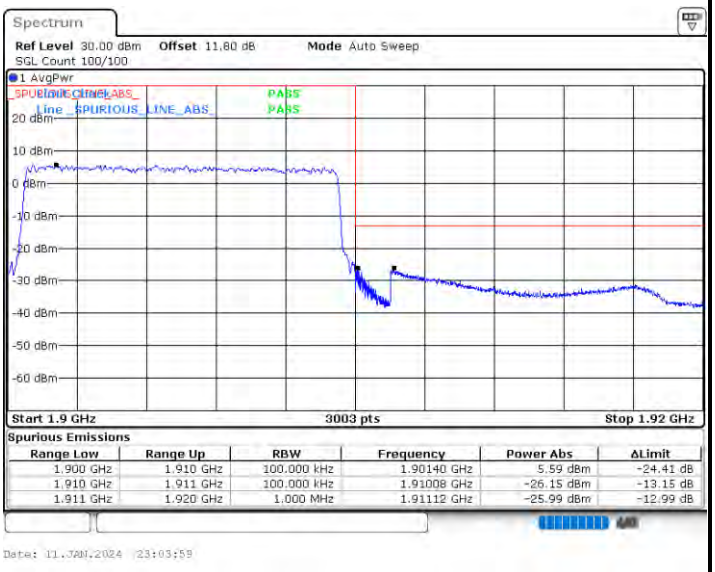
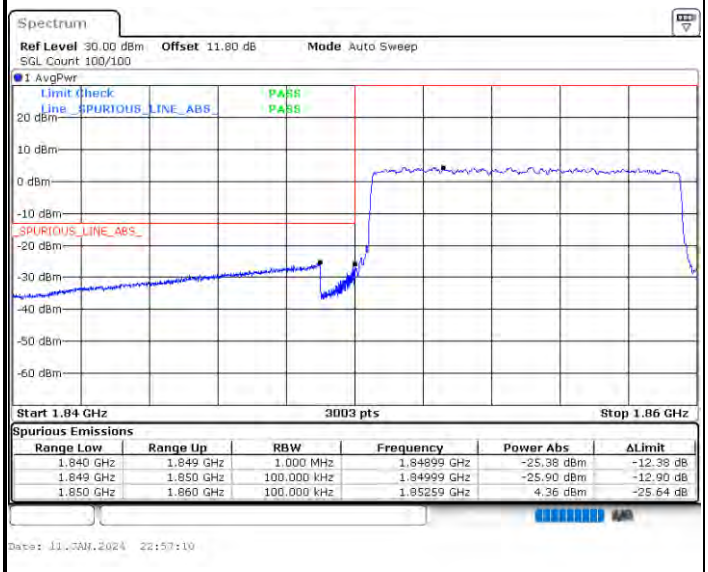
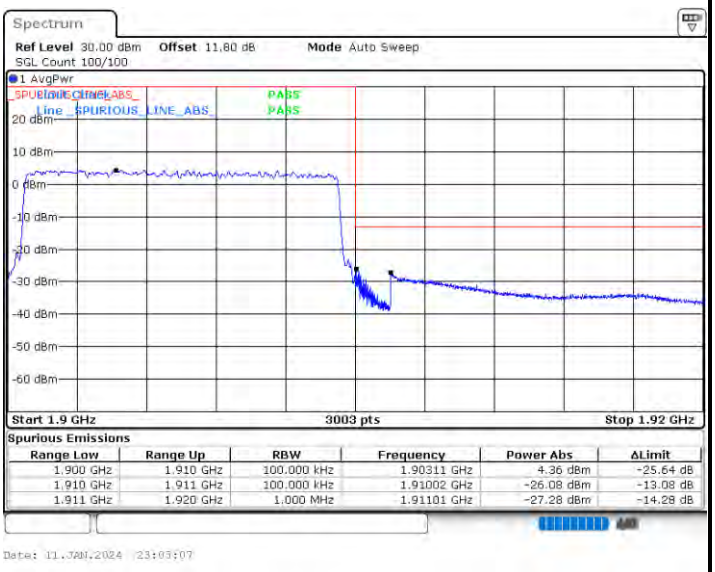




LTE Band 2 / 5MHz / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

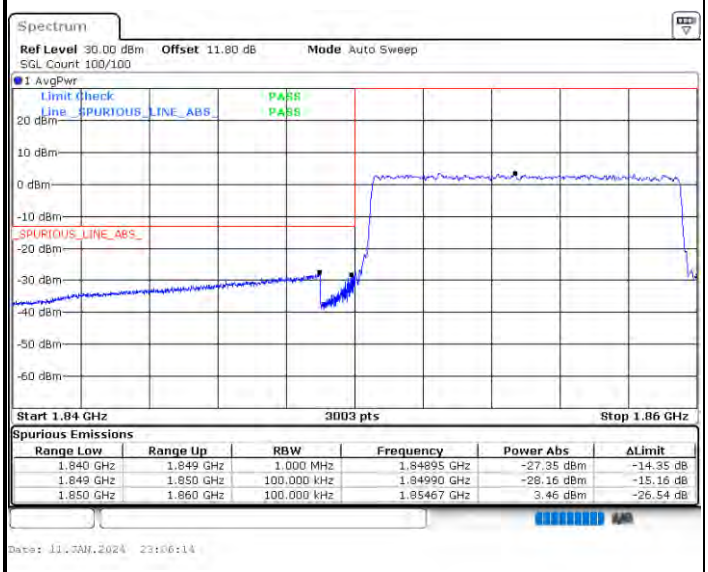




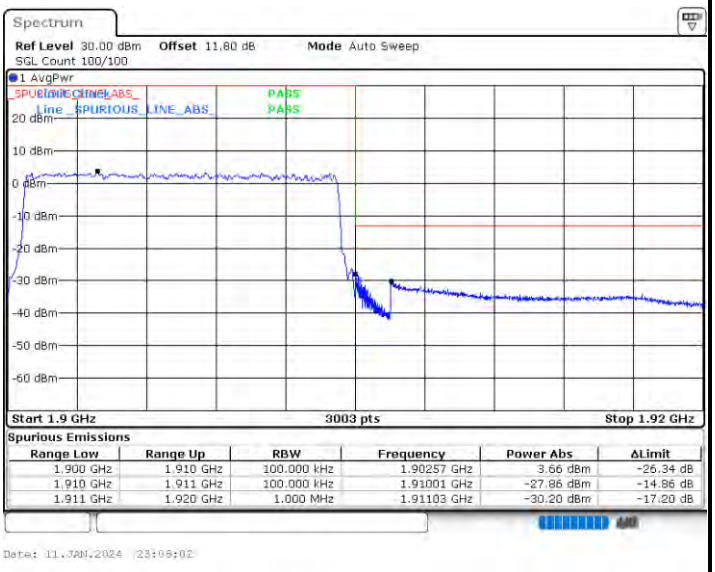
LTE Band 2 / 10MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	
LTE Band 2 / 10MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / Full RB

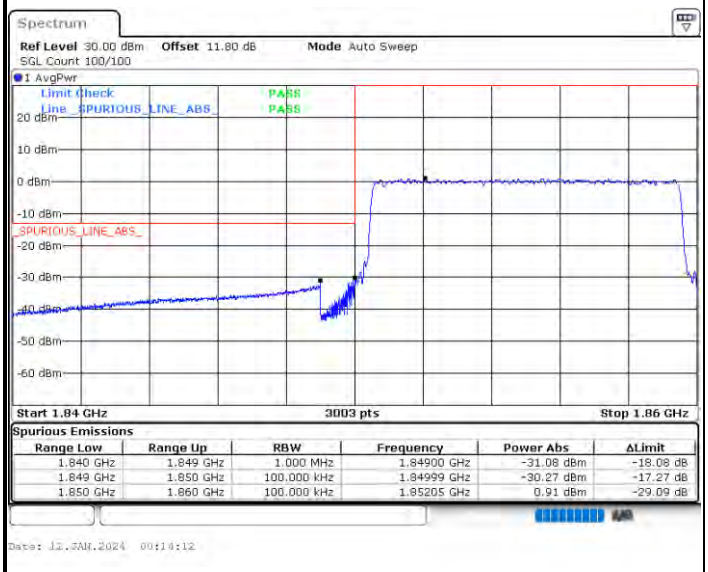


Highest Band Edge / Full RB

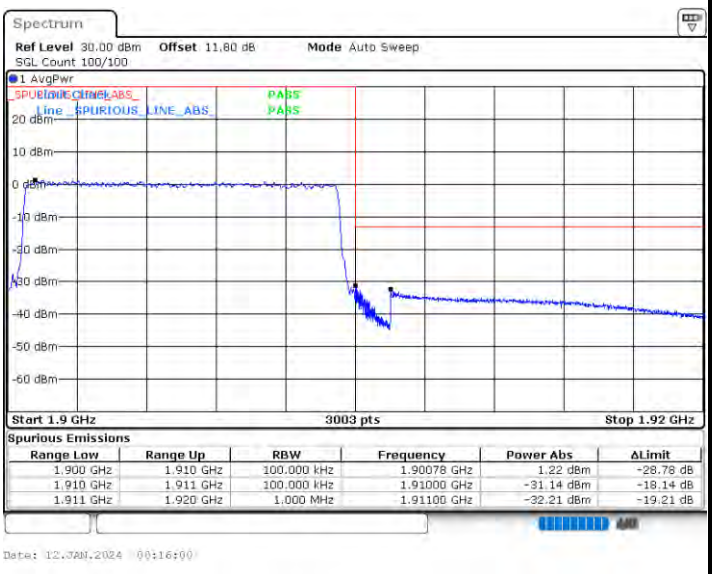


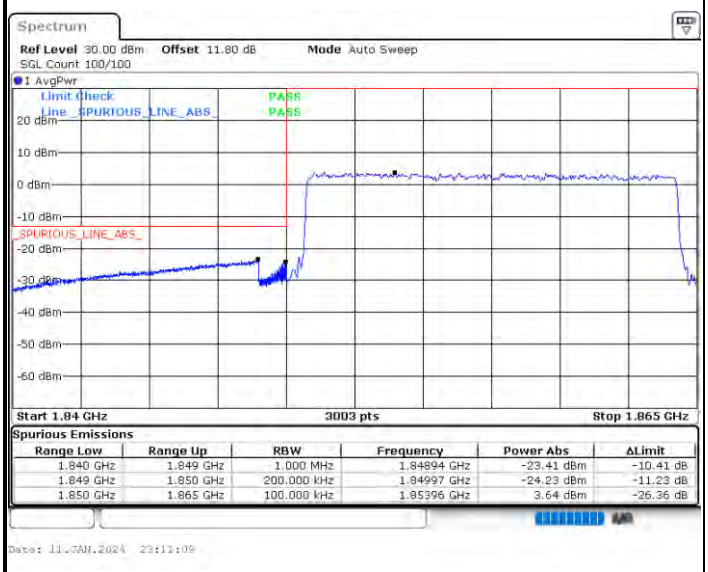
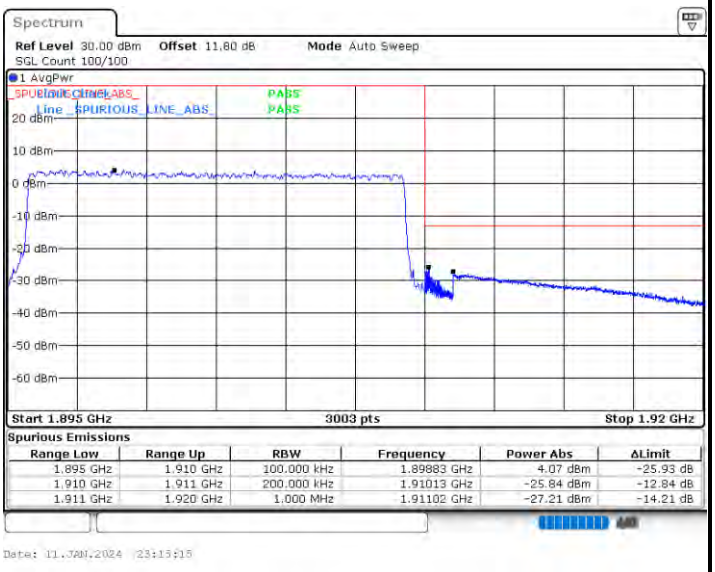
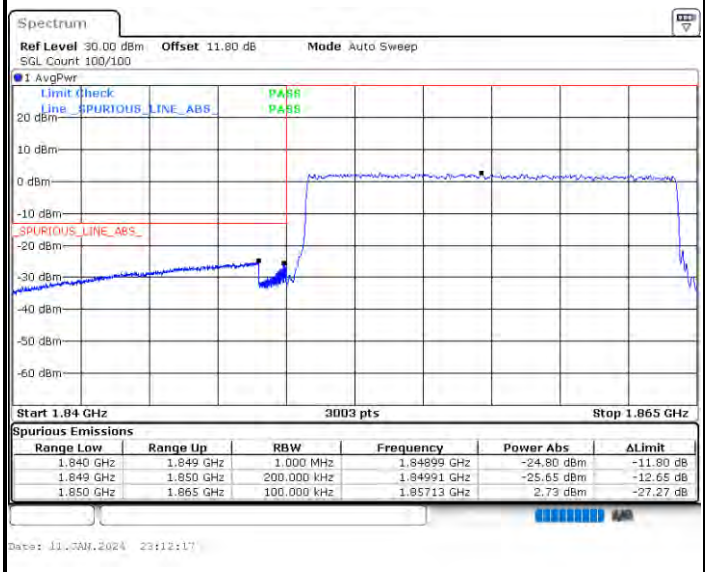
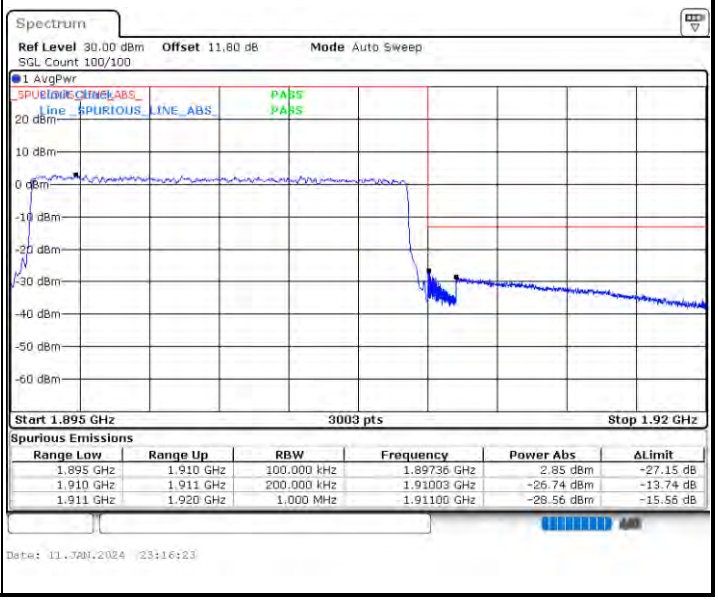
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / Full RB

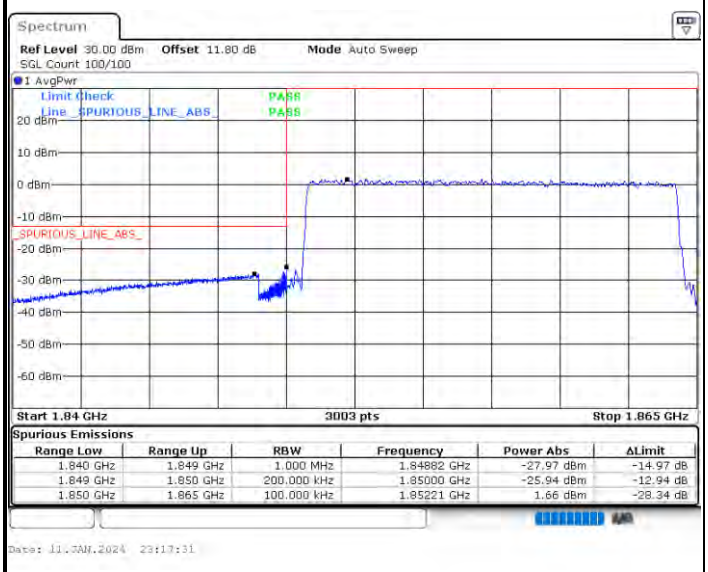


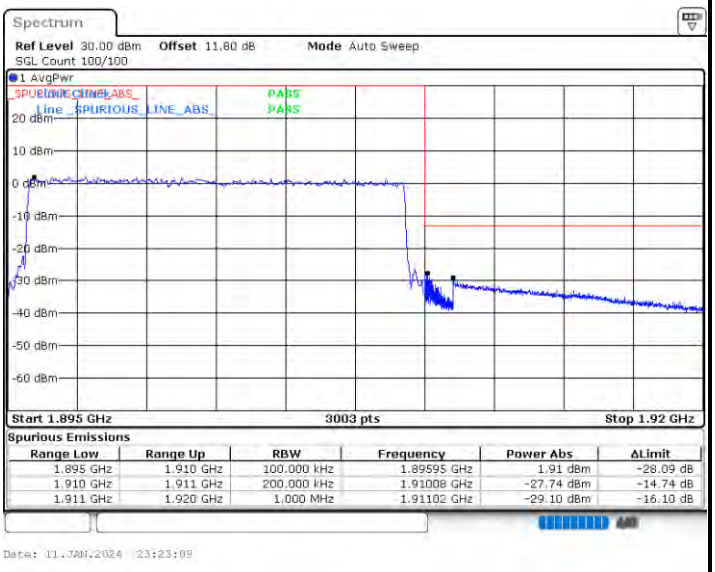
Highest Band Edge / Full RB



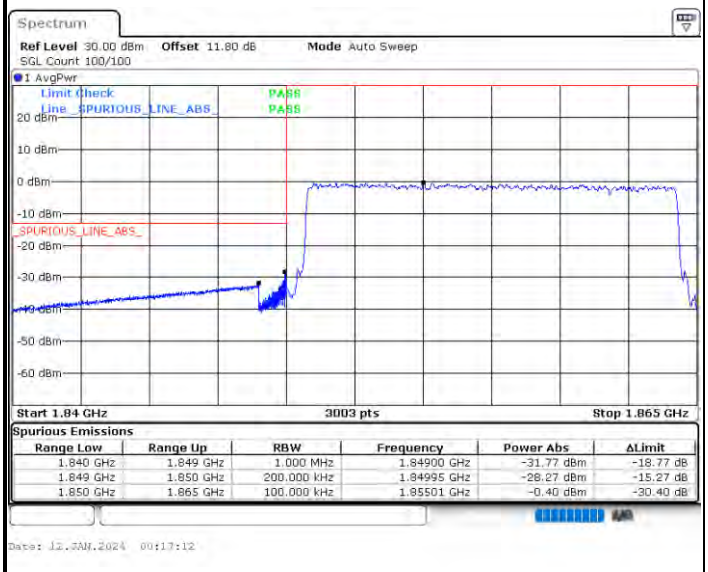
LTE Band 2 / 15MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	
LTE Band 2 / 15MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

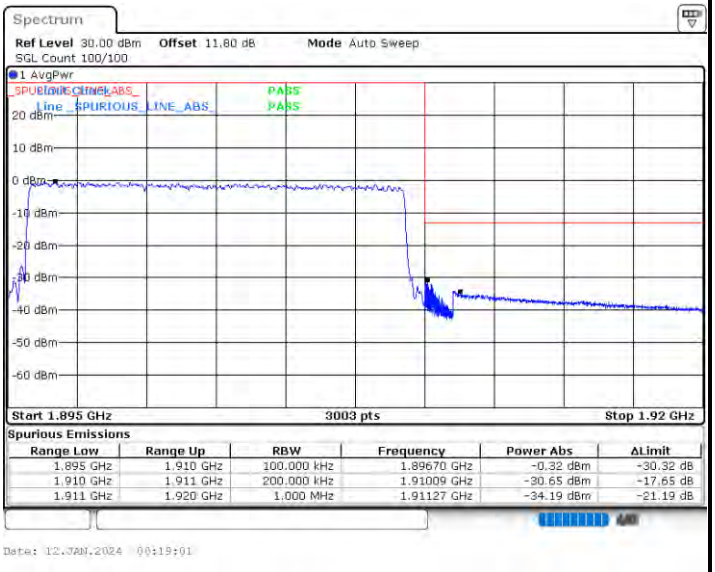
LTE Band 2 / 15MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



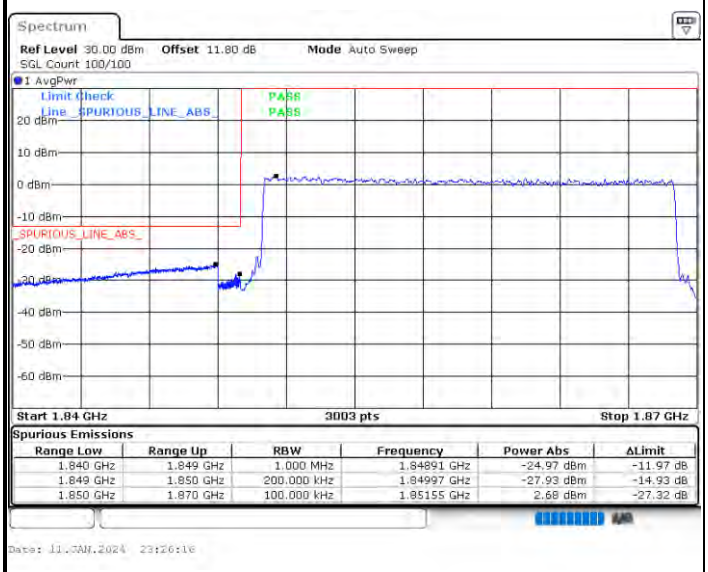


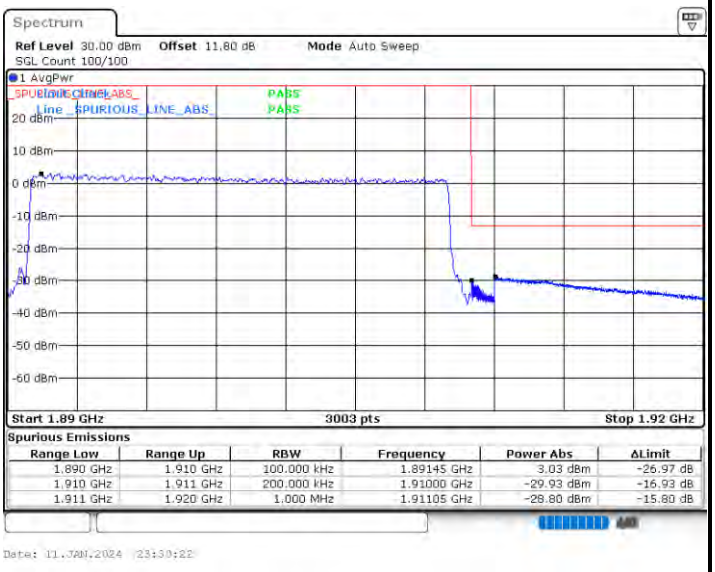
LTE Band 2 / 15MHz / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



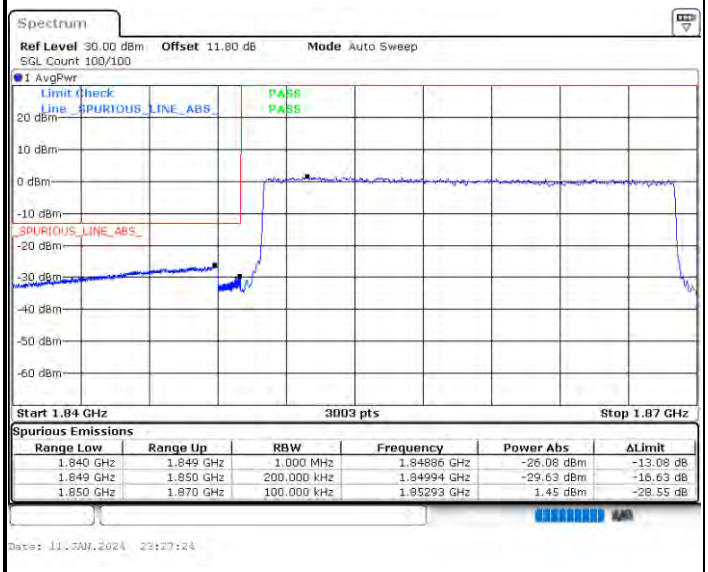


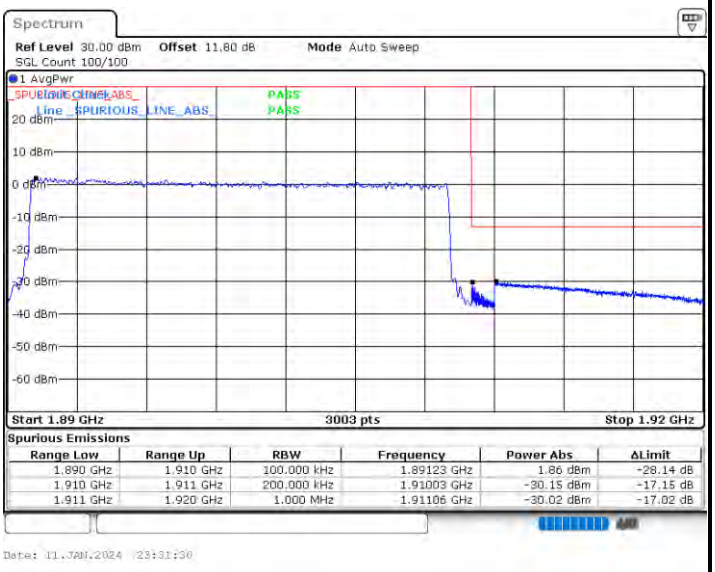
LTE Band 2 / 20MHz / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

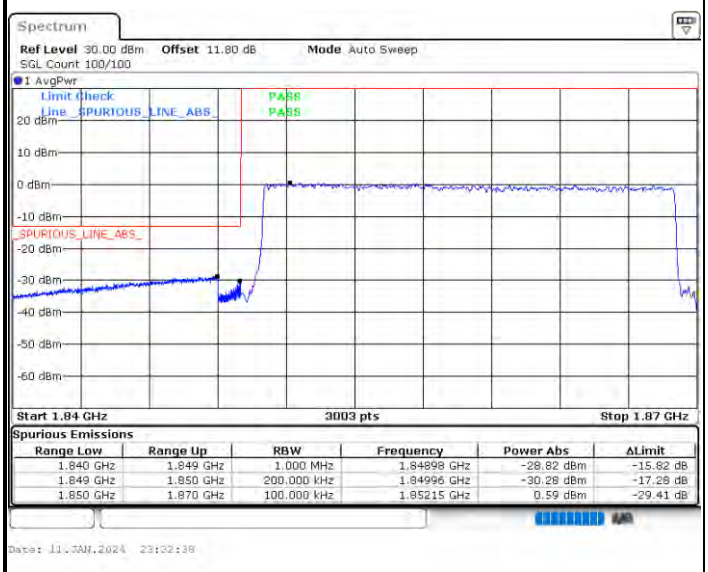
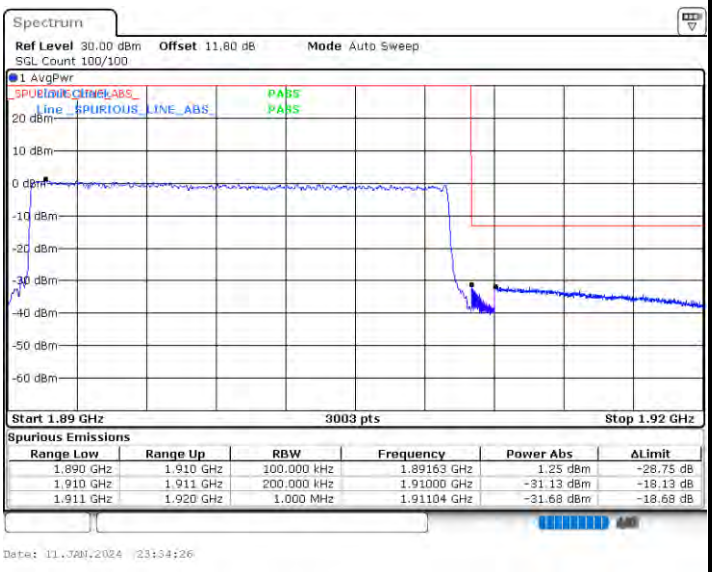
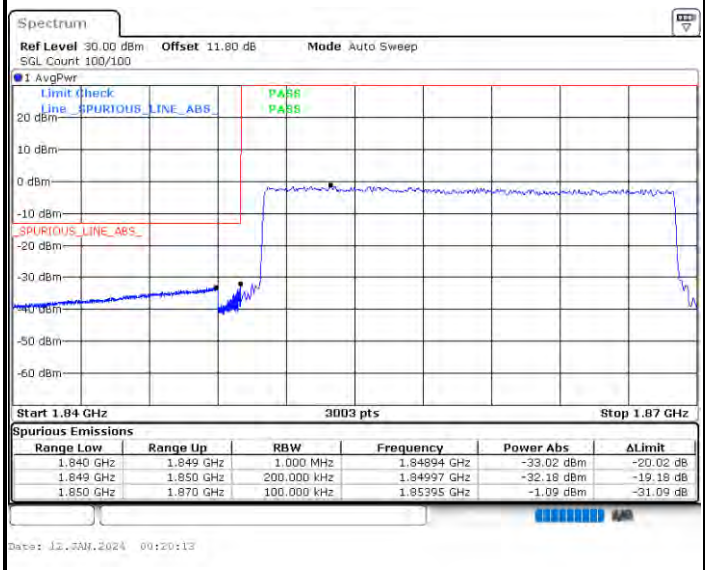
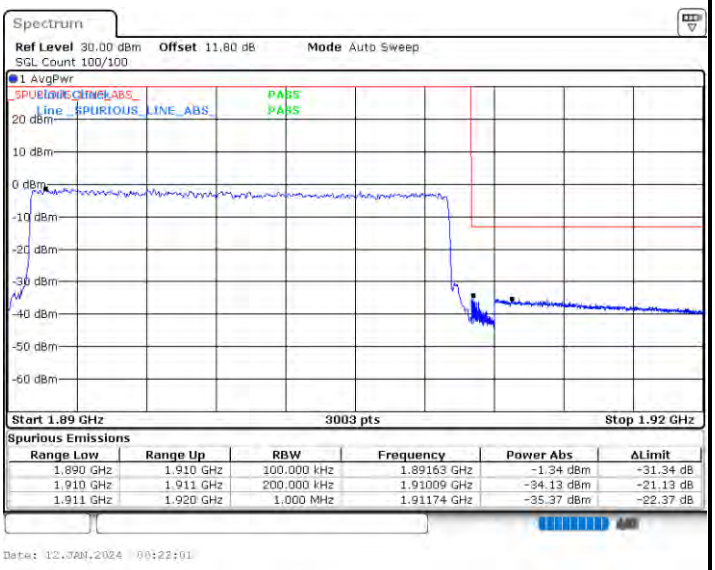




LTE Band 2 / 20MHz / 16QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



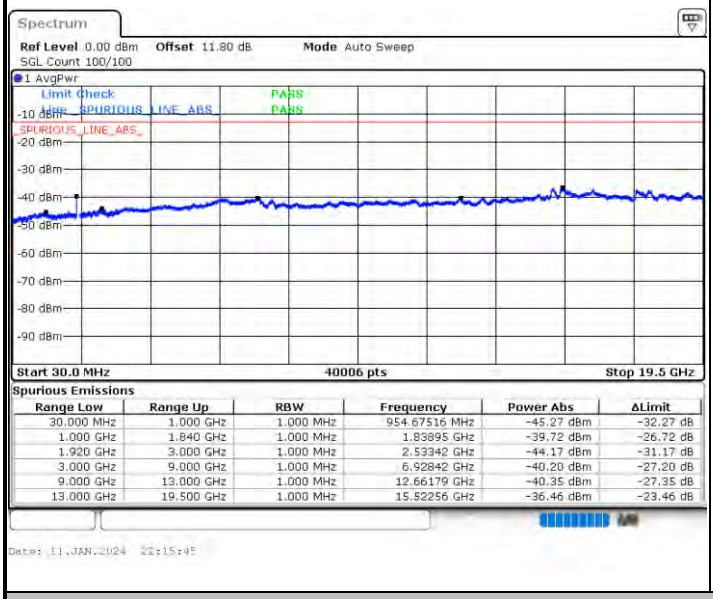


LTE Band 2 / 20MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	
LTE Band 2 / 20MHz / 256QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

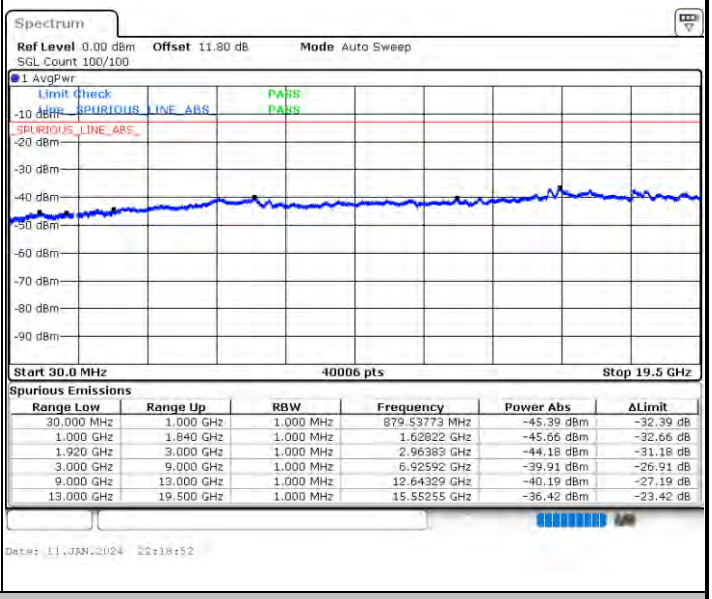


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-45.27 dBm	-32.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-39.72 dBm	-26.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.53342 GHz	-44.17 dBm	-31.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92842 GHz	-40.20 dBm	-27.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66179 GHz	-40.35 dBm	-27.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.52256 GHz	-36.46 dBm	-23.46 dB

Date: 11.JAN.2024 22:15:45

Middle Channel / QPSK

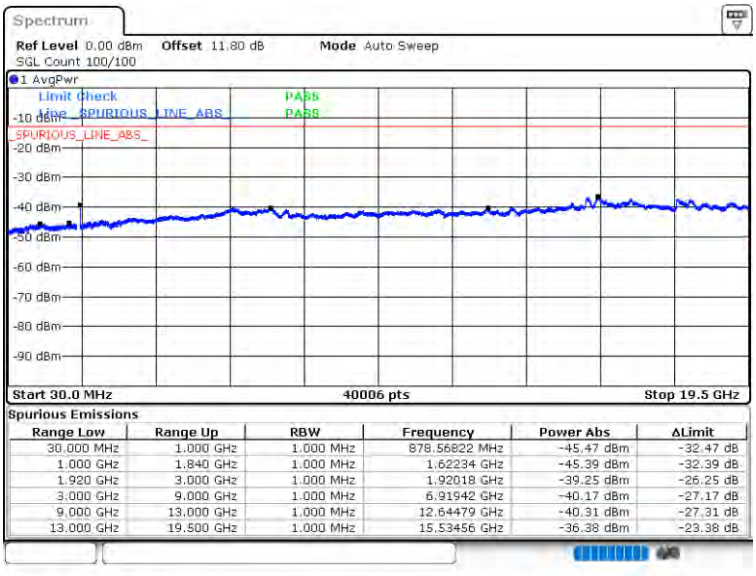


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	879.53773 MHz	-45.39 dBm	-32.39 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62822 GHz	-45.66 dBm	-32.66 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96383 GHz	-44.18 dBm	-31.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92592 GHz	-39.91 dBm	-26.91 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64329 GHz	-40.19 dBm	-27.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.55255 GHz	-36.42 dBm	-23.42 dB

Date: 11.JAN.2024 22:18:52

Highest Channel / QPSK



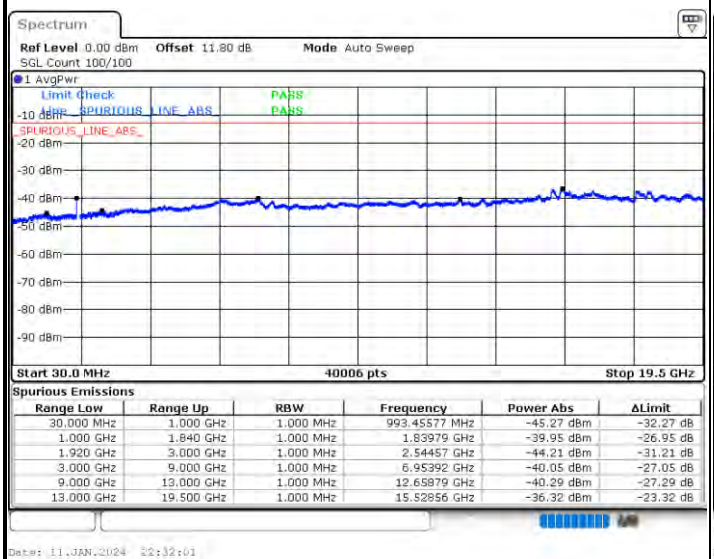
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.56822 MHz	-45.47 dBm	-32.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62234 GHz	-45.39 dBm	-32.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-39.25 dBm	-26.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91942 GHz	-40.17 dBm	-27.17 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64479 GHz	-40.31 dBm	-27.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53456 GHz	-36.38 dBm	-23.38 dB

Date: 11.JAN.2024 22:24:39

LTE Band 2 / 3MHz

Lowest Channel / QPSK

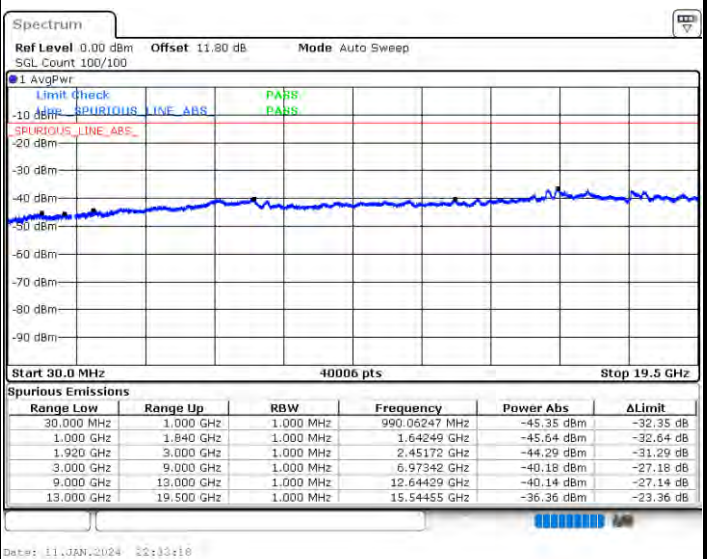


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-45.27 dBm	-32.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-39.95 dBm	-26.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.54457 GHz	-44.21 dBm	-31.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95392 GHz	-40.05 dBm	-27.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65879 GHz	-40.29 dBm	-27.29 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.52856 GHz	-36.32 dBm	-23.32 dB

Date: 11.JAN.2024 22:32:01

Middle Channel / QPSK

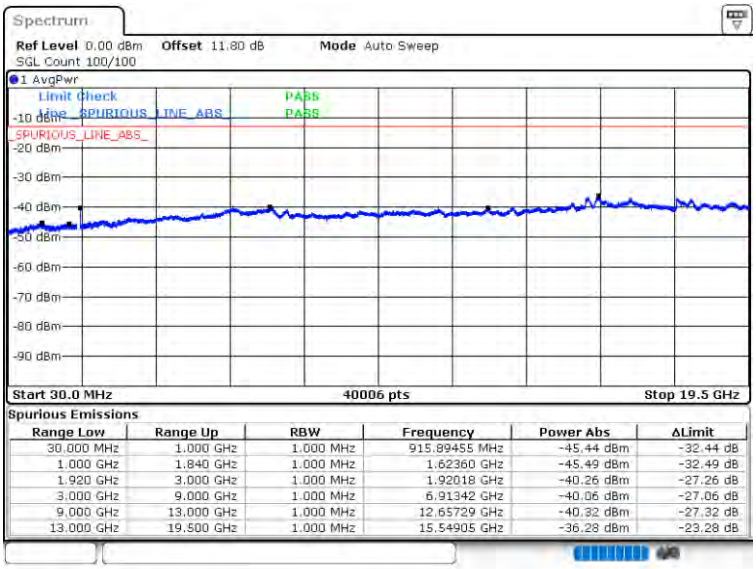


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-45.35 dBm	-32.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64249 GHz	-45.64 dBm	-32.64 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.45172 GHz	-44.29 dBm	-31.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97342 GHz	-40.18 dBm	-27.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64429 GHz	-40.14 dBm	-27.14 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54455 GHz	-36.36 dBm	-23.36 dB

Date: 11.JAN.2024 22:33:10

Highest Channel / QPSK



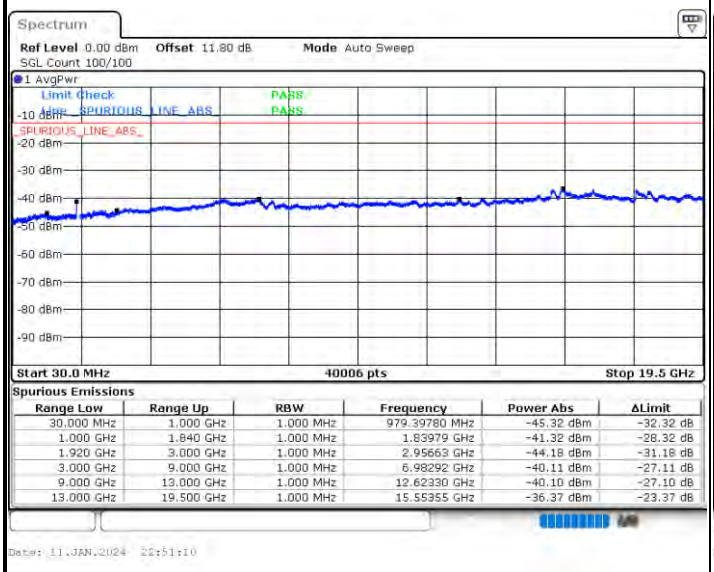
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-45.44 dBm	-32.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62360 GHz	-45.49 dBm	-32.49 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-40.26 dBm	-27.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91342 GHz	-40.06 dBm	-27.06 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65729 GHz	-40.32 dBm	-27.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54905 GHz	-36.28 dBm	-23.28 dB

Date: 11.JAN.2024 22:34:34

LTE Band 2 / 5MHz

Lowest Channel / QPSK

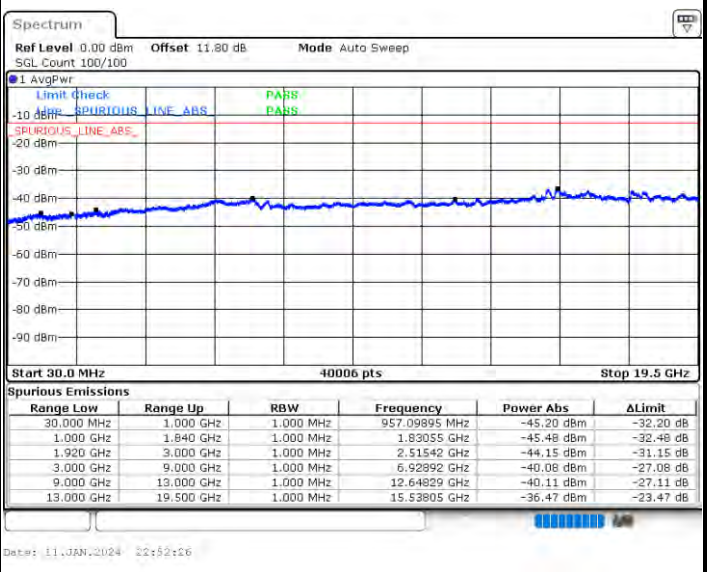


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-45.32 dBm	-32.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-41.32 dBm	-28.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95663 GHz	-44.18 dBm	-31.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98292 GHz	-40.11 dBm	-27.11 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.62330 GHz	-40.10 dBm	-27.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.55355 GHz	-36.37 dBm	-23.37 dB

Date: 11.JAN.2024 22:51:10

Middle Channel / QPSK

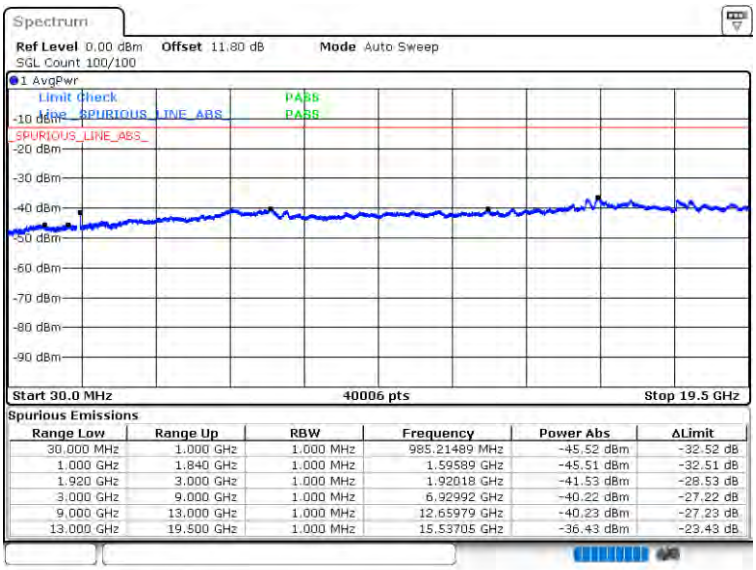


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-45.20 dBm	-32.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83055 GHz	-45.48 dBm	-32.48 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51542 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92892 GHz	-40.08 dBm	-27.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64829 GHz	-40.11 dBm	-27.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53805 GHz	-36.47 dBm	-23.47 dB

Date: 11.JAN.2024 22:52:16

Highest Channel / QPSK



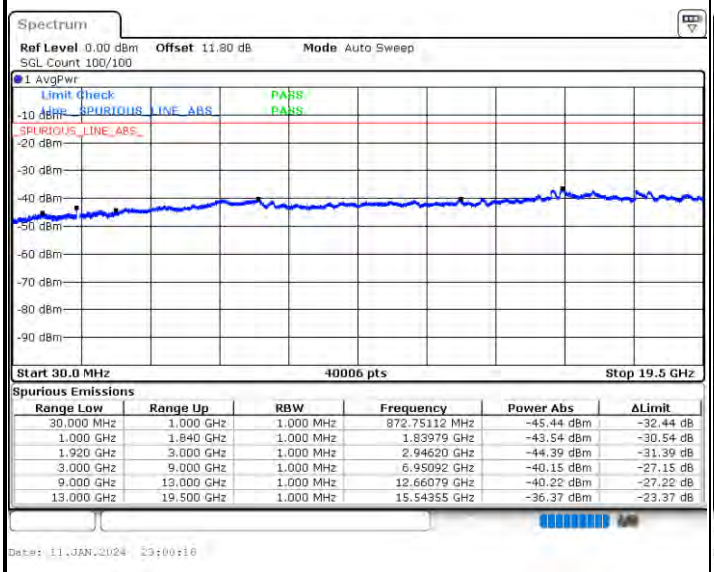
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-45.52 dBm	-32.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59589 GHz	-45.51 dBm	-32.51 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-41.53 dBm	-28.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92992 GHz	-40.22 dBm	-27.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65979 GHz	-40.23 dBm	-27.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53705 GHz	-36.43 dBm	-23.43 dB

Date: 11.JAN.2024 22:53:43

LTE Band 2 / 10MHz

Lowest Channel / QPSK

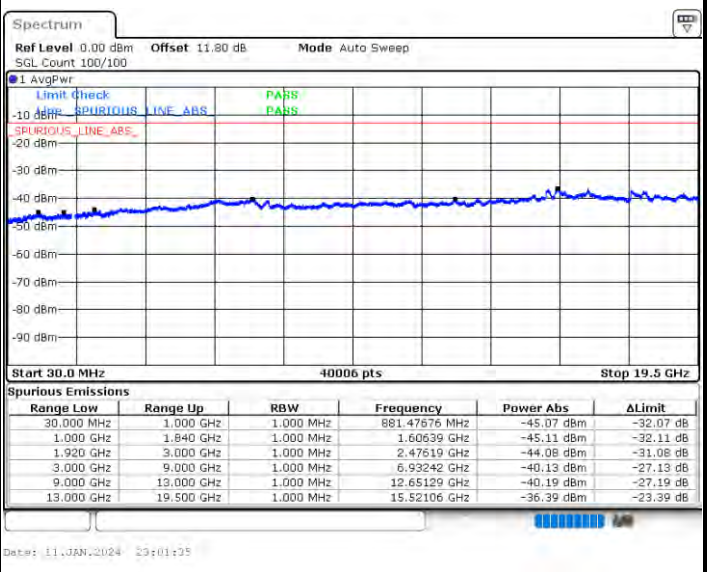


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.75112 MHz	-45.44 dBm	-32.44 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-43.54 dBm	-30.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94620 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95092 GHz	-40.15 dBm	-27.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.66079 GHz	-40.22 dBm	-27.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54355 GHz	-36.37 dBm	-23.37 dB

Date: 11.JAN.2024 23:00:16

Middle Channel / QPSK

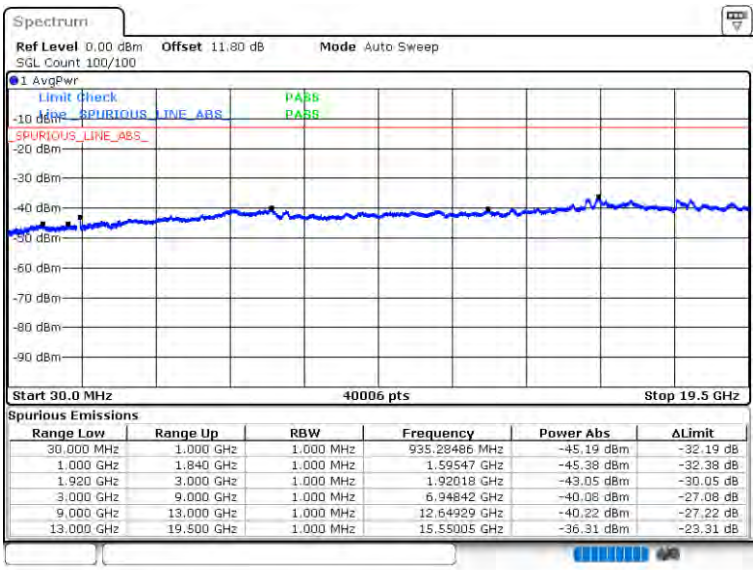


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	881.47676 MHz	-45.07 dBm	-32.07 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60639 GHz	-45.11 dBm	-32.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.47619 GHz	-44.08 dBm	-31.08 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93242 GHz	-40.13 dBm	-27.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65129 GHz	-40.19 dBm	-27.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.52106 GHz	-36.39 dBm	-23.39 dB

Date: 11.JAN.2024 23:01:35

Highest Channel / QPSK



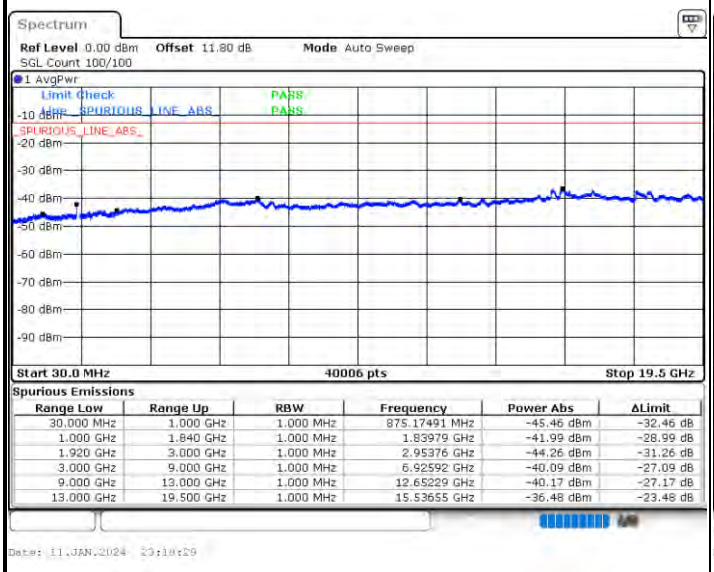
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-45.19 dBm	-32.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59547 GHz	-45.38 dBm	-32.38 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-43.05 dBm	-30.05 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94842 GHz	-40.08 dBm	-27.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64929 GHz	-40.22 dBm	-27.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.55005 GHz	-36.31 dBm	-23.31 dB

Date: 11.JAN.2024 23:02:51

LTE Band 2 / 15MHz

Lowest Channel / QPSK

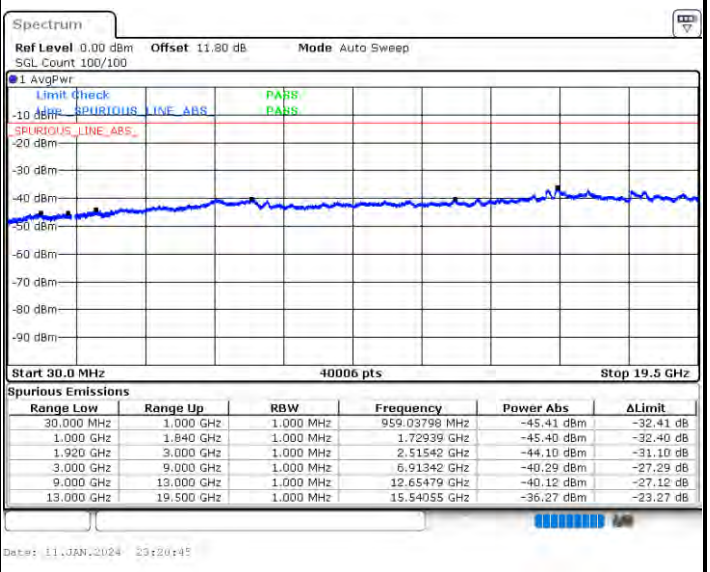


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-45.46 dBm	-32.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-41.99 dBm	-28.99 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95376 GHz	-44.26 dBm	-31.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92592 GHz	-40.09 dBm	-27.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65229 GHz	-40.17 dBm	-27.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53655 GHz	-36.48 dBm	-23.48 dB

Date: 11.JAN.2024 23:18:29

Middle Channel / QPSK

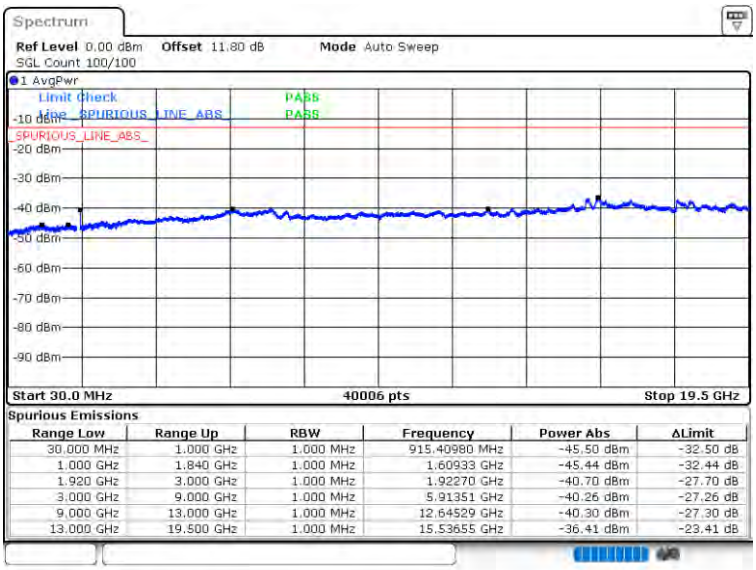


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-45.41 dBm	-32.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72939 GHz	-45.40 dBm	-32.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.51542 GHz	-44.10 dBm	-31.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91342 GHz	-40.29 dBm	-27.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.65479 GHz	-40.12 dBm	-27.12 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54055 GHz	-36.27 dBm	-23.27 dB

Date: 11.JAN.2024 23:20:45

Highest Channel / QPSK



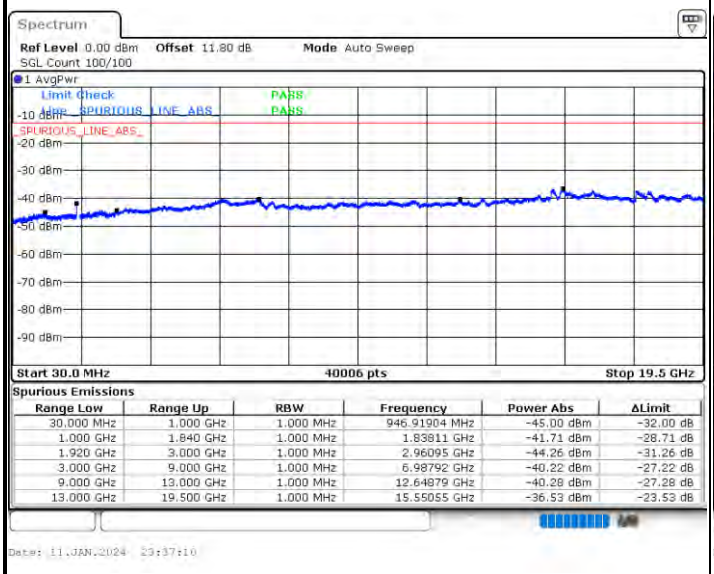
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-45.50 dBm	-32.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60933 GHz	-45.44 dBm	-32.44 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-40.70 dBm	-27.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.91351 GHz	-40.26 dBm	-27.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64529 GHz	-40.30 dBm	-27.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53655 GHz	-36.41 dBm	-23.41 dB

Date: 11.JAN.2024 23:22:02

LTE Band 2 / 20MHz

Lowest Channel / QPSK

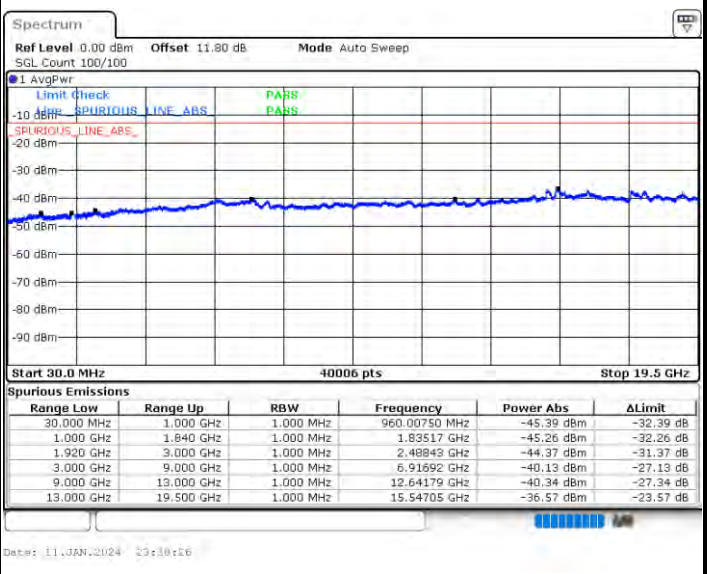


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-45.00 dBm	-32.00 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-41.71 dBm	-28.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96095 GHz	-44.26 dBm	-31.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98792 GHz	-40.22 dBm	-27.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64879 GHz	-40.28 dBm	-27.28 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.55055 GHz	-36.53 dBm	-23.53 dB

Date: 11.JAN.2024 23:37:10

Middle Channel / QPSK

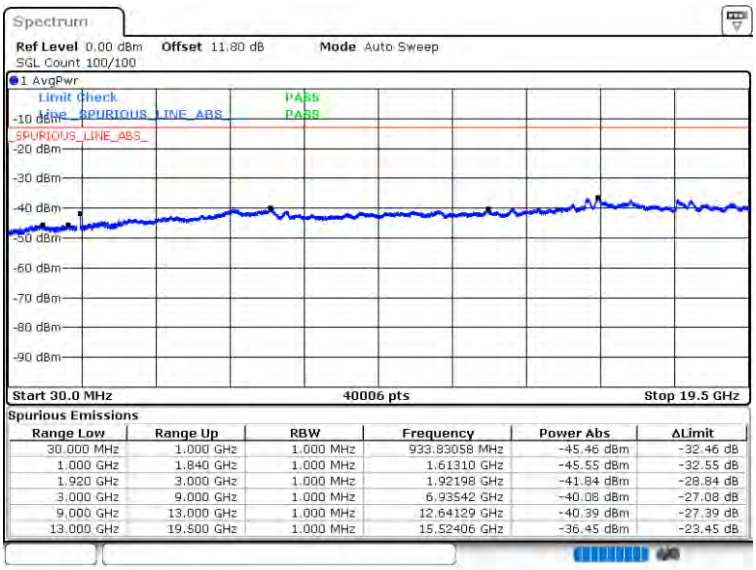


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-45.39 dBm	-32.39 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-45.26 dBm	-32.26 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.48843 GHz	-44.37 dBm	-31.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91692 GHz	-40.13 dBm	-27.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64179 GHz	-40.34 dBm	-27.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54705 GHz	-36.57 dBm	-23.57 dB

Date: 11.JAN.2024 23:38:26

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-45.46 dBm	-32.46 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61310 GHz	-45.55 dBm	-32.55 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92198 GHz	-41.84 dBm	-28.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93542 GHz	-40.08 dBm	-27.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.64129 GHz	-40.39 dBm	-27.39 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.52406 GHz	-36.45 dBm	-23.45 dB

Date: 11.JAN.2024 23:39:42

Frequency Stability

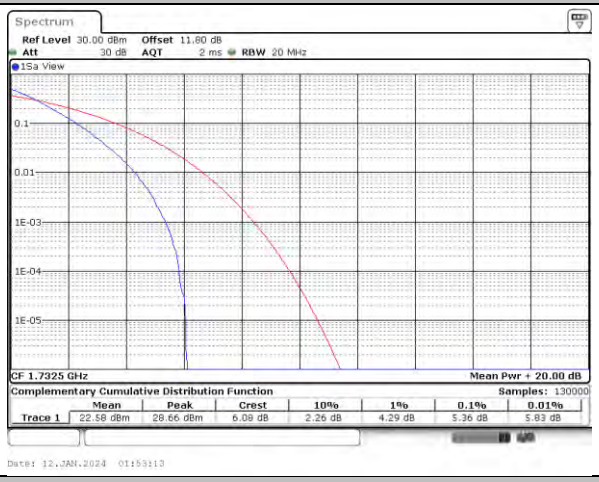
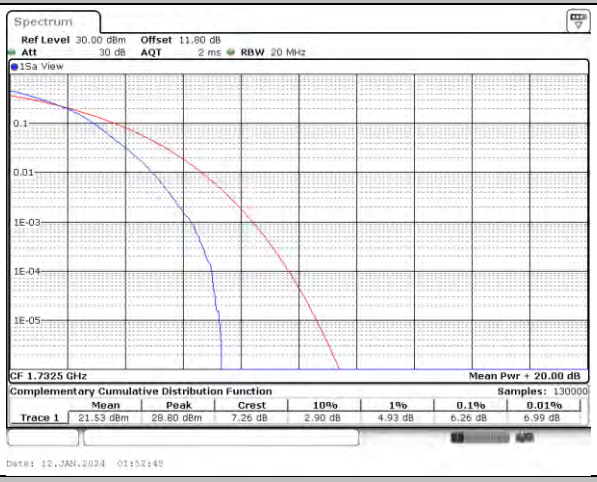
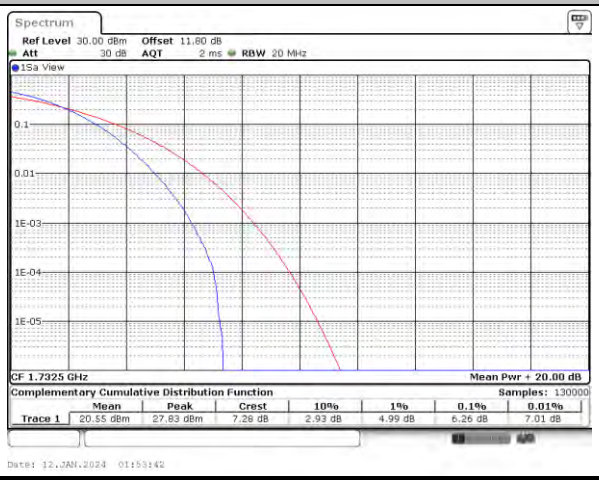
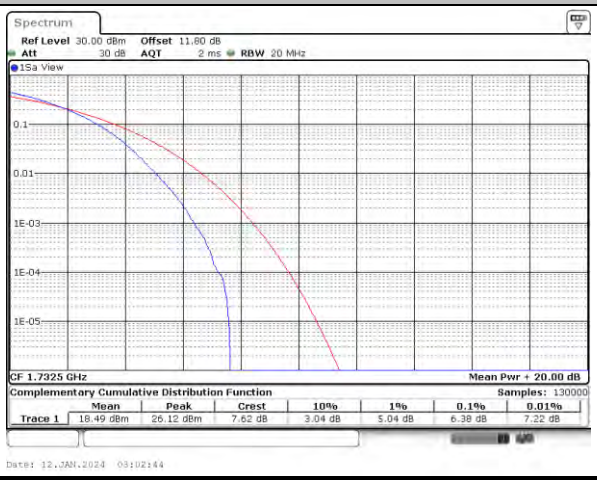
Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0040	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note: Normal Voltage = 3.89 V.；Battery End Point (BEP) = 3.6 V.；Maximum Voltage = 4.4 V.

LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.36	6.26	6.26	6.38	PASS

LTE Band 4 / 20MHz / QPSK	LTE Band 4 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 4 / 20MHz / 64QAM	**LTE Band 4 / 20MHz / 256QAM**
Middle Channel / Full RB	**Middle Channel / Full RB**
	

26dB Bandwidth

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.32	3.14	3.04	4.82	5.09	9.84	9.81	14.44	14.74	18.82	19.38
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.29	1.30	3.14	3.00	5.00	4.99	9.83	9.75	14.32	14.77	19.14	19.22