



FCC RADIO TEST REPORT

FCC ID : PKRISGRM4210
Equipment : WWAN LGA Radio Module
Brand Name : Inseego
Model Name : RM4210
Applicant : Inseego Corp.
9710 Scranton Road Suite 200, San Diego, CA 92121
Manufacturer : Inseego Corp.
9710 Scranton Road Suite 200, San Diego, CA 92121
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)

The product was received on Feb. 24, 2025 and testing was performed from Feb. 25, 2025 to Apr. 22, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

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



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History of this test report

Report No.	Version	Description	Issue Date
FG4N2547B	01	Initial issue of report	May 08, 2025

Summary of Test Result

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



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 38) (Band 41)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.691	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 38) (Band 41)		

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Danny Lee**Report Producer: Ming Chen**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs 3G-WCDMA, 4G-LTE, 5G-FR1 and GNSS.
Antenna Type WWAN: Fixed Internal Antenna

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

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.
2. Maximum allow antenna Gain: refer MPE Report FA4N2547.

FDD/ TDD band Power Class				
	PC3	PC2	-	-
B2	V			
B4	V			
B5	V			
B12	V			
B17	V			
B25	V			
B26	V			
B38	V			
B41	V	V		
B66	V			
B71	V			

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Diego Huang
Temperature (°C)	22.2~23.6
Relative Humidity (%)	50.2~55.8

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH20-HY (TAF Code: 3786)
Test Engineer	John Chuang, David Dai and Sam Chou
Temperature (°C)	19.5~22.5
Relative Humidity (%)	65.7~70.6
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(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 two degrees (degree 0 or degree 90), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and worst plane as below.

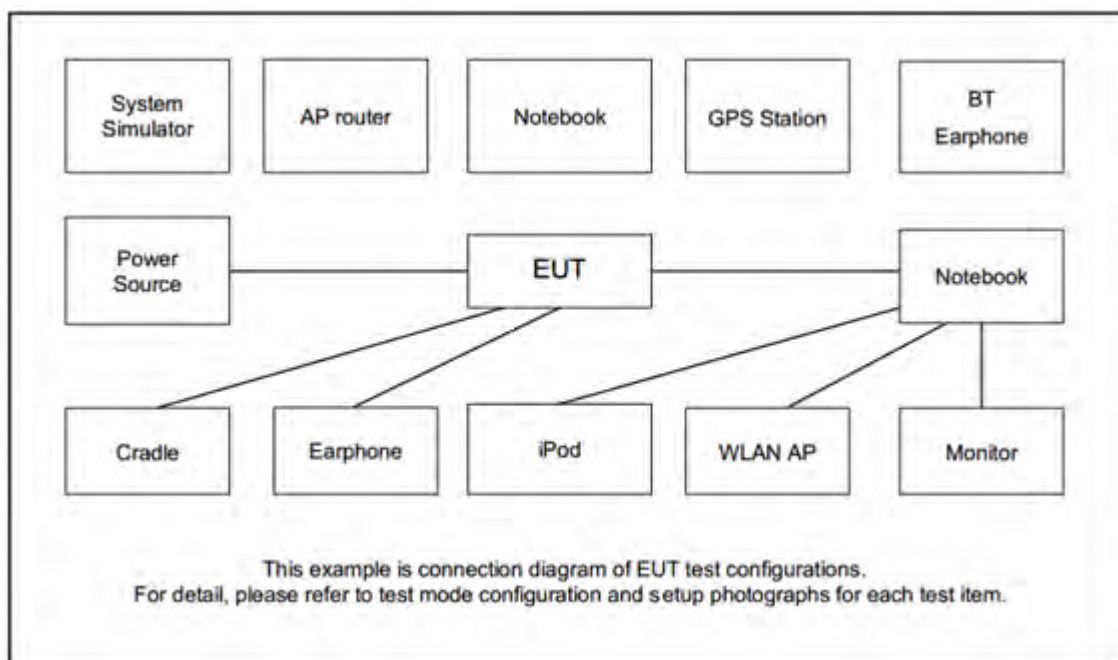
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

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	10 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	All	1RB Full	L, H
ACLR, Mask (Part 96)	A, B, C, D	All	1RB Full	L, M, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	M
RSE	A	10 MHz or less	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. Interband ULCA modes 2A-4A, 2A-12A, 2A-66A, 4A-12A, 12A-66A are covered by each rule part of LTE single carrier mode with higher power.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude5310	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Power Supply	Agilent	E3610A	N/A	N/A	N/A



2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

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



LTE Band 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 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

3 Conducted Test Items

3.1 Measuring Instruments

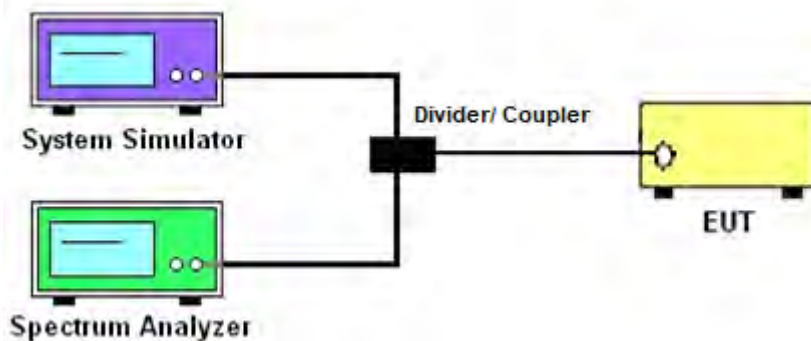
See list of measuring instruments of this test report.

3.1.1 Test Setup

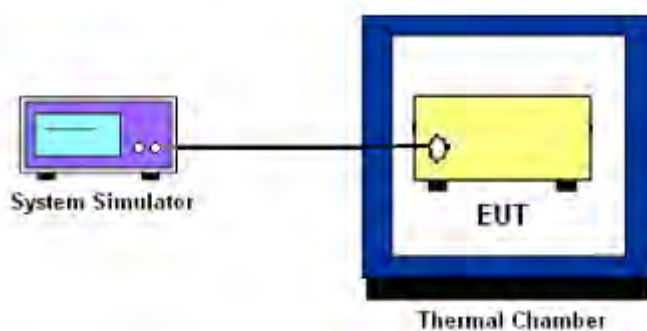
3.1.2 Conducted Output Power



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 17, Band 71

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (g)

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

27.53 (h)

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



27.53(m)(4)

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 26

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

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

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

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

3.6.2 Test Procedures

For LTE Band 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 38, 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

For LTE Band 38, 41

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

24.235 , 27.54,

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

22.355

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

90.593

Transmitters designed to operate in 769-775 MHz and 799-805 MHz frequency bands must meet the frequency stability requirements in this section.

The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

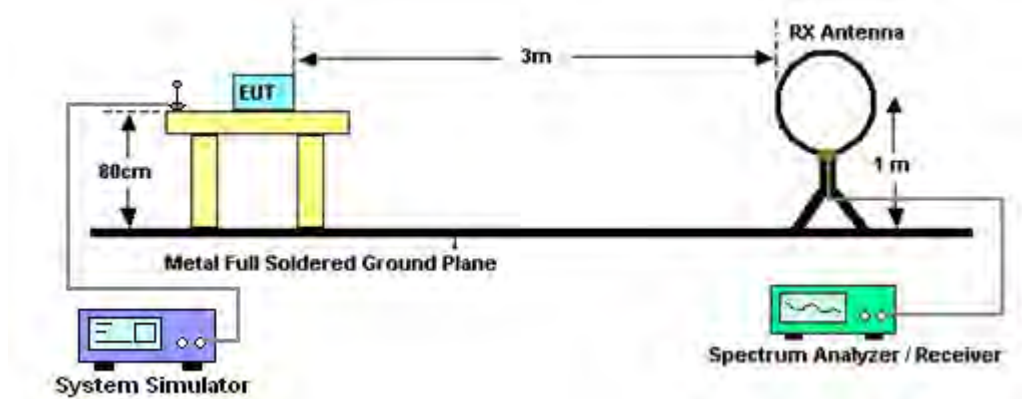
4 Radiated Test Items

4.1 Measuring Instruments

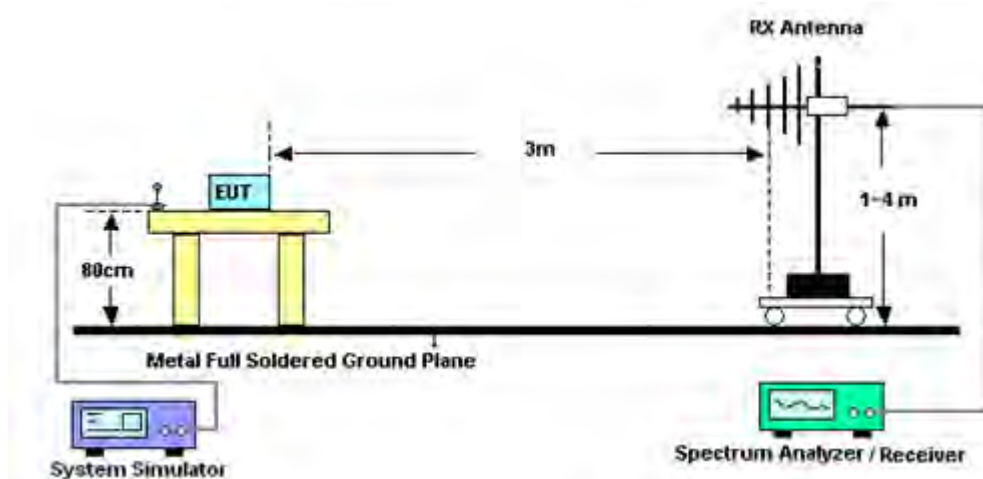
See list of measuring instruments of this test report.

4.1.1 Test Setup

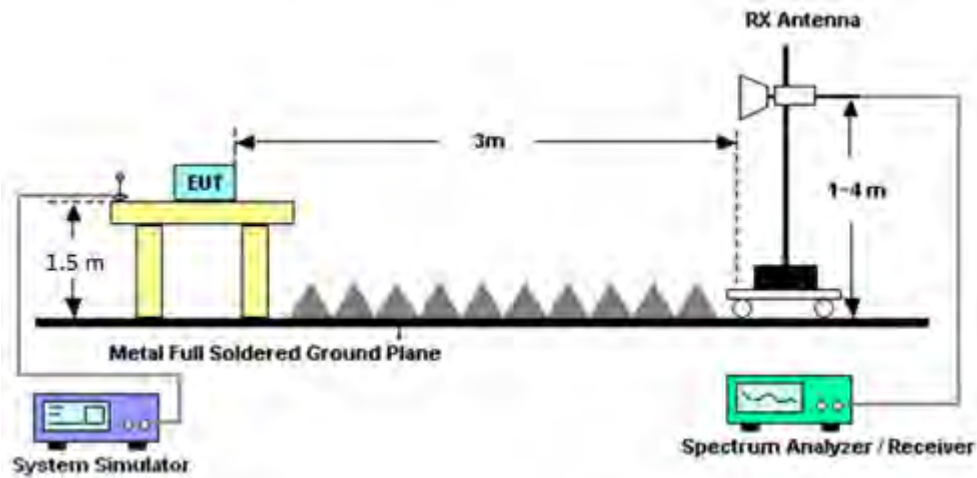
For radiated test below 30MHz



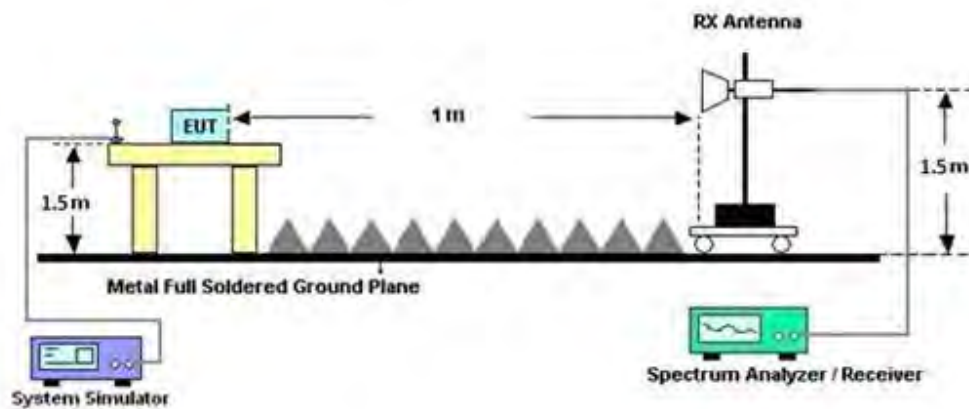
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015.

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

For LTE Band 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.

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



4.2.2 Test Procedures

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

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.

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



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Feb. 25, 2025~ Apr. 22, 2025	Sep. 30, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 06, 2024	Feb. 25, 2025~ Apr. 22, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Nov. 27, 2024	Feb. 25, 2025~ Apr. 22, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFCable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz 5W+S FL405 1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Feb. 25, 2025~ Apr. 22, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Feb. 25, 2025~ Apr. 22, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Feb. 25, 2025~ Apr. 22, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Feb. 25, 2025~ Apr. 22, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP210073	-10 ~ 50°C / 20 ~ 95%RH	Jun. 05, 2024	Feb. 25, 2025~ Apr. 22, 2025	Jun. 04, 2025	Conducted (TH03-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	N/A	Nov. 22, 2024	Mar. 13, 2025~ Apr. 15, 2025	Nov. 21, 2024	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Mar. 13, 2025~ Apr. 15, 2025	Aug. 28, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Mar. 13, 2025~ Apr. 15, 2025	Aug. 22, 2025	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Mar. 13, 2025~ Apr. 15, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 13, 2025~ Apr. 15, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 13, 2025~ Apr. 15, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY64320114	N/A	Oct. 05, 2024	Mar. 13, 2025~ Apr. 15, 2025	Oct. 04, 2025	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 09, 2024	Mar. 13, 2025~ Apr. 15, 2025	Dec. 08, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Mar. 13, 2025~ Apr. 15, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Mar. 13, 2025~ Apr. 15, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1223	18GHz-40GHz	Jun. 24, 2024	Mar. 13, 2025~ Apr. 15, 2025	Jun. 23, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWE R	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Mar. 13, 2025~ Apr. 15, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 12, 2024	Mar. 13, 2025~ Apr. 15, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8040 15/2,804027/2	N/A	Jan. 16, 2025	Mar. 13, 2025~ Apr. 15, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP215159	N/A	Sep. 10, 2024	Mar. 13, 2025~ Apr. 15, 2025	Sep. 09, 2025	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Mar. 13, 2025~ Apr. 15, 2025	N/A	Radiation (03CH20-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.21	25.34	25.43	33.00	1.9953
20	1	49		25.33	25.50	25.49		
20	1	99		25.30	25.43	25.24		
20	50	0		24.25	24.55	24.54		
20	50	24		24.40	24.54	24.63		
20	50	50		24.42	24.63	24.62		
20	100	0		24.36	24.55	24.58		
20	1	0	16-QAM	24.59	24.62	24.79	32.45	1.7579
20	1	49		24.80	24.92	24.95		
20	1	99		24.87	24.89	24.78		
20	50	0		23.27	23.52	23.51		
20	50	24		23.42	23.59	23.73		
20	50	50		23.45	23.62	23.71		
20	100	0		23.40	23.55	23.60		
20	1	0	64-QAM	23.58	23.85	23.79	31.47	1.4028
20	1	49		23.47	23.70	23.97		
20	1	99		23.59	23.83	23.69		
20	50	0		22.33	22.61	22.66		
20	50	24		22.50	22.63	22.74		
20	50	50		22.46	22.67	22.65		
20	100	0		22.39	22.57	22.59		
20	1	0	256-QAM	20.41	20.55	20.58	28.23	0.6653
20	1	49		20.51	20.73	20.73		
20	1	99		20.52	20.67	20.66		
20	50	0		20.35	20.53	20.53		
20	50	24		20.30	20.52	20.52		
20	50	50		20.39	20.58	20.63		
20	100	0		20.44	20.58	20.57		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.58	24.87	25.05	32.71	1.8664
15	1	37		24.83	25.21	24.97		
15	1	74		24.74	25.20	24.76		
15	36	0		23.60	24.02	24.19		
15	36	20		23.72	24.07	24.24		
15	36	39		23.82	24.16	24.11		
15	75	0		23.79	24.02	24.19		
15	1	0	16-QAM	23.99	24.19	24.42	31.92	1.5560
15	1	37		24.03	24.40	24.04		
15	1	74		24.24	24.33	24.01		
15	36	0		22.65	23.05	23.25		
15	36	20		22.81	23.09	23.29		
15	36	39		22.83	23.16	23.14		
15	75	0		22.77	23.09	23.22		
15	1	0	64-QAM	23.74	23.08	23.40	31.33	1.3583
15	1	37		23.83	23.45	23.21		
15	1	74		22.91	23.61	23.29		
15	36	0		21.58	22.08	22.27		
15	36	20		21.85	22.13	22.29		
15	36	39		21.86	22.17	22.21		
15	75	0		21.79	22.08	22.23		
15	1	0	256-QAM	20.35	20.53	20.56	28.19	0.6592
15	1	37		20.43	20.69	20.68		
15	1	74		20.44	20.66	20.57		
15	36	0		20.27	20.49	20.45		
15	36	20		20.20	20.44	20.43		
15	36	39		20.38	20.48	20.54		
15	75	0		20.43	20.58	20.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.65	24.89	24.92	32.58	1.8113
10	1	25		24.61	25.04	24.97		
10	1	49		24.68	25.08	24.53		
10	25	0		23.65	24.10	24.30		
10	25	12		23.74	24.09	24.18		
10	25	25		23.73	24.18	24.02		
10	50	0		23.76	24.07	24.10		
10	1	0	16-QAM	23.65	24.35	24.18	31.88	1.5417
10	1	25		24.04	24.35	24.33		
10	1	49		23.90	24.38	23.82		
10	25	0		22.65	23.06	23.31		
10	25	12		22.77	23.18	23.16		
10	25	25		22.71	23.18	23.06		
10	50	0		22.77	23.08	23.13		
10	1	0	64-QAM	22.67	23.19	23.14	30.97	1.2503
10	1	25		22.96	23.40	23.47		
10	1	49		22.99	23.35	23.17		
10	25	0		21.69	22.10	22.28		
10	25	12		22.04	22.17	22.34		
10	25	25		21.77	22.18	22.22		
10	50	0		21.77	22.13	22.28		
10	1	0	256-QAM	20.41	20.55	20.58	28.21	0.6622
10	1	25		20.51	20.68	20.71		
10	1	49		20.47	20.60	20.56		
10	25	0		20.29	20.48	20.46		
10	25	12		20.27	20.52	20.49		
10	25	25		20.38	20.52	20.62		
10	50	0		20.40	20.49	20.55		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.52	25.00	25.15	32.78	1.8967
5	1	12		24.75	25.14	25.28		
5	1	24		24.57	25.01	24.87		
5	12	0		23.55	24.04	24.22		
5	12	7		23.72	24.10	24.23		
5	12	13		23.69	24.17	24.24		
5	25	0		23.69	24.06	24.23		
5	1	0	16-QAM	24.03	24.51	24.46	32.19	1.6558
5	1	12		24.15	24.69	24.69		
5	1	24		24.12	24.58	24.22		
5	12	0		22.58	23.10	23.23		
5	12	7		22.72	23.13	23.26		
5	12	13		22.70	23.22	23.30		
5	25	0		22.70	23.09	23.19		
5	1	0	64-QAM	22.69	23.34	23.34	31.20	1.3183
5	1	12		22.88	23.48	23.70		
5	1	24		22.96	23.35	23.34		
5	12	0		21.59	22.12	22.19		
5	12	7		21.73	22.17	22.34		
5	12	13		21.79	22.20	22.26		
5	25	0		21.70	22.10	22.25		
5	1	0	256-QAM	20.35	20.51	20.49	28.23	0.6653
5	1	12		20.47	20.70	20.73		
5	1	24		20.52	20.64	20.57		
5	12	0		20.27	20.53	20.49		
5	12	7		20.26	20.44	20.45		
5	12	13		20.36	20.51	20.58		
5	25	0		20.37	20.56	20.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.57	24.92	25.02	32.74	1.8793
3	1	8		24.63	25.12	25.24		
3	1	14		24.60	25.11	25.02		
3	8	0		23.61	24.07	24.22		
3	8	4		23.69	24.12	24.22		
3	8	7		23.68	24.20	24.18		
3	15	0		23.62	24.05	24.19		
3	1	0	16-QAM	23.78	24.33	24.45	32.09	1.6181
3	1	8		24.07	24.55	24.58		
3	1	14		23.86	24.59	24.36		
3	8	0		22.69	23.08	23.19		
3	8	4		22.79	23.16	23.32		
3	8	7		22.76	23.28	23.26		
3	15	0		22.70	23.15	23.22		
3	1	0	64-QAM	22.61	23.21	23.22	31.01	1.2618
3	1	8		22.92	23.51	23.45		
3	1	14		23.11	23.40	23.44		
3	8	0		21.69	22.01	22.28		
3	8	4		21.77	22.20	22.29		
3	8	7		21.78	22.19	22.25		
3	15	0		21.72	22.11	22.22		
3	1	0	256-QAM	20.32	20.51	20.52	28.20	0.6607
3	1	8		20.44	20.70	20.68		
3	1	14		20.44	20.63	20.58		
3	8	0		20.28	20.53	20.47		
3	8	4		20.24	20.50	20.52		
3	8	7		20.39	20.52	20.60		
3	15	0		20.37	20.58	20.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.48	25.08	25.24	32.74	1.8793
1.4	1	3		24.66	25.08	25.02		
1.4	1	5		24.72	25.05	24.95		
1.4	3	0		24.55	25.06	24.95		
1.4	3	1		24.47	25.06	24.98		
1.4	3	3		24.52	25.05	25.01		
1.4	6	0		23.61	24.03	24.12		
1.4	1	0	16-QAM	24.00	24.55	24.49	32.05	1.6032
1.4	1	3		23.91	24.48	24.36		
1.4	1	5		24.10	24.50	24.27		
1.4	3	0		23.78	24.22	24.32		
1.4	3	1		23.65	24.22	24.15		
1.4	3	3		23.78	24.36	24.29		
1.4	6	0		22.76	23.08	23.30		
1.4	1	0	64-QAM	22.88	23.33	23.35	31.11	1.2912
1.4	1	3		22.75	23.35	23.59		
1.4	1	5		22.78	23.53	23.45		
1.4	3	0		22.80	23.18	23.55		
1.4	3	1		22.82	23.46	23.61		
1.4	3	3		22.71	23.38	23.45		
1.4	6	0		21.64	22.11	22.30		
1.4	1	0	256-QAM	20.31	20.54	20.51	28.19	0.6592
1.4	1	3		20.41	20.69	20.63		
1.4	1	5		20.44	20.65	20.61		
1.4	3	0		20.31	20.54	20.51		
1.4	3	1		20.41	20.69	20.63		
1.4	3	3		20.44	20.65	20.61		
1.4	6	0		20.31	20.45	20.45		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.45	25.48	25.45	29.99	0.9977
20	1	49		25.49	25.46	25.20		
20	1	99		25.47	25.32	24.88		
20	50	0		24.62	24.61	24.53		
20	50	24		24.71	24.57	24.48		
20	50	50		24.63	24.52	24.19		
20	100	0		24.64	24.51	24.42		
20	1	0	16-QAM	24.81	24.84	24.77	29.86	0.9683
20	1	49		24.77	24.82	25.36		
20	1	99		24.78	24.67	24.33		
20	50	0		23.66	23.61	23.52		
20	50	24		23.68	23.60	23.42		
20	50	50		23.64	23.54	23.21		
20	100	0		23.72	23.57	23.46		
20	1	0	64-QAM	23.94	23.57	23.62	28.45	0.6998
20	1	49		23.95	23.78	23.62		
20	1	99		23.69	23.53	23.16		
20	50	0		22.70	22.67	22.50		
20	50	24		22.73	22.59	22.46		
20	50	50		22.68	22.58	22.23		
20	100	0		22.77	22.59	22.47		
20	1	0	256-QAM	20.64	20.55	20.55	25.32	0.3404
20	1	49		20.77	20.70	20.70		
20	1	99		20.82	20.74	20.71		
20	50	0		20.56	20.58	20.54		
20	50	24		20.66	20.66	20.59		
20	50	50		20.67	20.65	20.61		
20	100	0		20.69	20.66	20.63		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.33	25.23	25.00	29.86	0.9683
15	1	37		25.36	25.31	24.89		
15	1	74		25.12	25.08	24.62		
15	36	0		24.21	24.32	24.31		
15	36	20		24.50	24.17	23.99		
15	36	39		24.23	24.17	23.80		
15	75	0		24.24	24.21	24.00		
15	1	0	16-QAM	24.48	24.52	24.28	29.13	0.8185
15	1	37		24.49	24.46	24.09		
15	1	74		24.63	24.29	24.00		
15	36	0		23.12	23.25	23.00		
15	36	20		23.33	23.23	22.99		
15	36	39		23.24	23.12	22.78		
15	75	0		23.29	23.21	22.96		
15	1	0	64-QAM	24.03	23.43	23.27	28.78	0.7551
15	1	37		24.28	23.36	23.22		
15	1	74		23.96	23.31	22.95		
15	36	0		22.22	22.28	22.07		
15	36	20		22.28	22.28	22.08		
15	36	39		22.31	22.17	21.84		
15	75	0		22.31	22.19	22.01		
15	1	0	256-QAM	20.56	20.55	20.52	25.32	0.3404
15	1	37		20.68	20.66	20.68		
15	1	74		20.82	20.69	20.69		
15	36	0		20.46	20.54	20.48		
15	36	20		20.63	20.59	20.51		
15	36	39		20.66	20.61	20.55		
15	75	0		20.62	20.60	20.56		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.13	25.22	24.97	29.82	0.9594
10	1	25		25.32	25.22	24.68		
10	1	49		25.06	25.21	24.77		
10	25	0		24.27	24.26	24.05		
10	25	12		24.33	24.23	23.56		
10	25	25		24.23	24.24	23.57		
10	50	0		24.34	24.25	23.89		
10	1	0	16-QAM	24.41	24.70	24.22	29.33	0.8570
10	1	25		24.83	24.62	24.56		
10	1	49		24.80	24.26	24.42		
10	25	0		23.63	23.28	23.04		
10	25	12		23.35	23.30	22.94		
10	25	25		23.18	23.25	22.57		
10	50	0		23.28	23.24	22.80		
10	1	0	64-QAM	23.98	23.37	23.25	28.74	0.7482
10	1	25		24.24	23.32	23.14		
10	1	49		23.88	23.30	22.90		
10	25	0		22.21	22.27	22.00		
10	25	12		22.21	22.26	22.05		
10	25	25		22.25	22.16	21.83		
10	50	0		22.31	22.16	21.98		
10	1	0	256-QAM	20.61	20.47	20.50	25.25	0.3350
10	1	25		20.75	20.65	20.65		
10	1	49		20.73	20.65	20.65		
10	25	0		20.54	20.56	20.45		
10	25	12		20.63	20.61	20.57		
10	25	25		20.67	20.60	20.51		
10	50	0		20.66	20.57	20.60		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.17	25.17	24.76	29.85	0.9661
5	1	12		25.27	25.35	24.95		
5	1	24		25.28	25.13	24.71		
5	12	0		24.38	24.19	23.91		
5	12	7		24.31	24.26	23.95		
5	12	13		24.37	24.26	23.83		
5	25	0		24.39	24.26	23.85		
5	1	0	16-QAM	24.70	24.50	24.36	29.26	0.8433
5	1	12		24.76	24.76	24.29		
5	1	24		24.67	24.58	23.83		
5	12	0		23.73	23.26	22.94		
5	12	7		23.34	23.29	22.90		
5	12	13		23.32	23.19	22.88		
5	25	0		23.69	23.28	22.91		
5	1	0	64-QAM	22.85	23.43	23.17	28.28	0.6730
5	1	12		23.35	23.65	23.41		
5	1	24		23.78	23.63	23.58		
5	12	0		22.32	22.24	21.66		
5	12	7		22.40	22.30	21.89		
5	12	13		22.39	22.33	21.57		
5	25	0		22.36	22.27	21.86		
5	1	0	256-QAM	20.58	20.45	20.48	25.30	0.3388
5	1	12		20.71	20.70	20.68		
5	1	24		20.80	20.74	20.66		
5	12	0		20.51	20.57	20.48		
5	12	7		20.61	20.62	20.49		
5	12	13		20.62	20.57	20.56		
5	25	0		20.66	20.60	20.57		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.84	25.19	24.79	29.91	0.9795
3	1	8		25.41	25.31	24.88		
3	1	14		25.41	25.23	24.70		
3	8	0		24.88	24.27	23.88		
3	8	4		24.56	24.38	24.01		
3	8	7		24.35	24.25	23.89		
3	15	0		24.61	24.28	23.91		
3	1	0	16-QAM	24.79	24.60	24.08	29.49	0.8892
3	1	8		24.99	24.78	24.45		
3	1	14		24.75	24.64	24.05		
3	8	0		23.68	23.32	22.96		
3	8	4		23.55	23.44	22.97		
3	8	7		23.35	23.32	22.96		
3	15	0		23.38	23.30	22.92		
3	1	0	64-QAM	23.51	23.49	22.97	28.18	0.6577
3	1	8		23.68	23.62	23.01		
3	1	14		23.46	23.37	23.13		
3	8	0		22.37	22.37	21.92		
3	8	4		22.43	22.46	22.07		
3	8	7		22.44	22.35	21.96		
3	15	0		22.39	22.39	21.97		
3	1	0	256-QAM	20.61	20.52	20.46	25.24	0.3342
3	1	8		20.71	20.61	20.62		
3	1	14		20.74	20.69	20.68		
3	8	0		20.55	20.55	20.45		
3	8	4		20.62	20.60	20.59		
3	8	7		20.67	20.58	20.54		
3	15	0		20.64	20.62	20.58		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	25.21	25.26	24.63	29.93	0.9840
1.4	1	3		25.43	25.21	24.71		
1.4	1	5		25.05	25.31	24.74		
1.4	3	0		25.09	25.28	24.67		
1.4	3	1		25.42	25.25	24.69		
1.4	3	3		25.01	25.21	24.77		
1.4	6	0		24.11	24.20	23.76		
1.4	1	0	16-QAM	24.58	24.64	23.80	29.55	0.9016
1.4	1	3		24.82	25.05	24.27		
1.4	1	5		24.70	24.77	23.97		
1.4	3	0		24.73	24.49	24.17		
1.4	3	1		24.11	24.51	24.12		
1.4	3	3		24.49	24.51	23.83		
1.4	6	0		23.22	23.34	22.88		
1.4	1	0	64-QAM	23.54	23.56	22.85	28.19	0.6592
1.4	1	3		23.57	23.62	23.06		
1.4	1	5		23.65	23.69	22.84		
1.4	3	0		23.44	23.40	23.00		
1.4	3	1		23.53	23.41	22.98		
1.4	3	3		23.50	23.45	23.03		
1.4	6	0		22.37	22.30	21.93		
1.4	1	0	256-QAM	20.57	20.51	20.55	25.32	0.3404
1.4	1	3		20.73	20.64	20.64		
1.4	1	5		20.82	20.70	20.71		
1.4	3	0		20.57	20.51	20.55		
1.4	3	1		20.73	20.64	20.64		
1.4	3	3		20.82	20.70	20.71		
1.4	6	0		20.56	20.49	20.52		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.64	25.71	25.52	31.96	1.5704
10	1	25		25.69	25.68	25.44		
10	1	49		25.65	25.58	25.37		
10	25	0		25.43	25.39	25.20		
10	25	12		25.48	25.36	25.14		
10	25	25		25.41	25.23	25.03		
10	50	0		25.45	25.30	25.14		
10	1	0	16-QAM	25.52	25.90	25.47	32.15	1.6406
10	1	25		25.12	25.54	25.16		
10	1	49		25.63	25.56	25.18		
10	25	0		24.44	24.42	24.22		
10	25	12		24.56	24.35	24.20		
10	25	25		24.49	24.28	24.11		
10	50	0		24.44	24.30	24.17		
10	1	0	64-QAM	24.41	24.68	24.53	30.93	1.2388
10	1	25		24.49	24.37	24.35		
10	1	49		24.50	24.29	24.17		
10	25	0		23.45	23.50	23.21		
10	25	12		23.51	23.34	23.22		
10	25	25		23.46	23.32	23.15		
10	50	0		23.43	23.35	23.19		
10	1	0	256-QAM	21.23	21.35	21.13	27.70	0.5888
10	1	25		21.32	21.45	21.23		
10	1	49		21.15	21.29	21.03		
10	25	0		21.15	21.29	21.05		
10	25	12		21.18	21.30	21.02		
10	25	25		21.17	21.26	21.07		
10	50	0		21.18	21.30	21.05		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.86	25.80	25.75	32.12	1.6293
5	1	12		25.80	25.87	25.73		
5	1	24		25.87	25.81	25.58		
5	12	0		25.35	25.29	25.08		
5	12	7		25.47	25.28	25.11		
5	12	13		25.39	25.17	24.94		
5	25	0		25.39	25.20	25.03		
5	1	0	16-QAM	25.84	25.73	25.57	32.14	1.6368
5	1	12		25.83	25.89	25.66		
5	1	24		25.73	25.58	25.29		
5	12	0		24.47	24.34	24.13		
5	12	7		24.49	24.32	24.14		
5	12	13		24.46	24.23	23.99		
5	25	0		24.44	24.27	24.08		
5	1	0	64-QAM	24.62	24.57	24.37	31.04	1.2706
5	1	12		24.79	24.62	24.37		
5	1	24		24.51	24.78	24.22		
5	12	0		23.45	23.27	23.11		
5	12	7		23.52	23.31	23.17		
5	12	13		23.41	23.22	22.94		
5	25	0		23.49	23.28	23.03		
5	1	0	256-QAM	21.19	21.27	21.08	27.69	0.5875
5	1	12		21.26	21.44	21.23		
5	1	24		21.07	21.19	20.96		
5	12	0		21.10	21.23	21.03		
5	12	7		21.12	21.20	21.01		
5	12	13		21.07	21.20	21.03		
5	25	0		21.13	21.20	21.01		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	25.81	25.88	25.58	32.14	1.6368
3	1	8		25.82	25.89	25.58		
3	1	14		25.86	25.78	25.46		
3	8	0		25.34	25.24	25.08		
3	8	4		25.39	25.25	25.03		
3	8	7		25.33	25.17	24.97		
3	15	0		25.35	25.21	24.99		
3	1	0	16-QAM	25.81	25.82	25.29	32.13	1.6331
3	1	8		25.88	25.79	25.44		
3	1	14		25.81	25.44	25.14		
3	8	0		24.55	24.30	24.14		
3	8	4		24.51	24.37	24.08		
3	8	7		24.54	24.31	24.09		
3	15	0		24.45	24.28	24.04		
3	1	0	64-QAM	24.64	24.37	24.28	31.09	1.2853
3	1	8		24.84	24.65	24.19		
3	1	14		24.64	24.32	24.03		
3	8	0		23.47	23.31	23.10		
3	8	4		23.46	23.25	23.09		
3	8	7		23.41	23.27	23.03		
3	15	0		23.44	23.18	23.02		
3	1	0	256-QAM	21.13	21.33	21.09	27.70	0.5888
3	1	8		21.23	21.45	21.21		
3	1	14		21.11	21.20	21.02		
3	8	0		21.11	21.20	20.98		
3	8	4		21.16	21.23	20.98		
3	8	7		21.09	21.23	20.99		
3	15	0		21.09	21.25	21.00		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.80	25.84	25.56	32.14	1.6368
1.4	1	3		25.89	25.69	25.49		
1.4	1	5		25.87	25.75	25.65		
1.4	3	0		25.87	25.87	25.53		
1.4	3	1		25.80	25.87	25.50		
1.4	3	3		25.84	25.87	25.53		
1.4	6	0		25.29	25.18	24.86		
1.4	1	0	16-QAM	25.80	25.71	25.24	32.14	1.6368
1.4	1	3		25.80	25.89	25.20		
1.4	1	5		25.81	25.76	25.39		
1.4	3	0		25.50	25.39	25.04		
1.4	3	1		25.43	25.56	25.19		
1.4	3	3		25.44	25.38	24.99		
1.4	6	0		24.37	24.14	23.99		
1.4	1	0	64-QAM	24.63	24.48	24.20	30.88	1.2246
1.4	1	3		24.63	24.36	24.30		
1.4	1	5		24.61	24.49	24.07		
1.4	3	0		24.53	24.61	24.03		
1.4	3	1		24.57	24.13	24.08		
1.4	3	3		24.51	24.38	24.10		
1.4	6	0		23.41	23.17	22.99		
1.4	1	0	256-QAM	21.19	21.28	21.05	27.69	0.5875
1.4	1	3		21.25	21.44	21.19		
1.4	1	5		21.12	21.28	21.00		
1.4	3	0		21.19	21.28	21.05		
1.4	3	1		21.25	21.44	21.19		
1.4	3	3		21.12	21.28	21.00		
1.4	6	0		21.06	21.23	20.99		
Limit	ERP < 7W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.74	24.88	24.80	30.46	1.1117
10	1	25		24.69	24.94	24.98		
10	1	49		24.64	24.87	24.97		
10	25	0		24.73	24.83	24.92		
10	25	12		24.89	24.94	24.99		
10	25	25		24.82	24.97	25.01		
10	50	0		24.83	24.91	24.93		
10	1	0	16-QAM	24.93	25.15	25.05	30.99	1.2560
10	1	25		25.54	24.99	25.23		
10	1	49		25.28	25.54	24.90		
10	25	0		24.03	24.16	24.22		
10	25	12		24.18	24.27	24.30		
10	25	25		24.22	24.32	24.37		
10	50	0		24.11	24.25	24.22		
10	1	0	64-QAM	24.40	24.26	24.34	29.93	0.9840
10	1	25		24.46	24.33	24.48		
10	1	49		24.39	24.27	24.44		
10	25	0		23.11	23.14	23.21		
10	25	12		23.17	23.25	23.22		
10	25	25		23.09	23.25	23.33		
10	50	0		23.16	23.20	23.19		
10	1	0	256-QAM	19.35	19.49	19.34	25.07	0.3214
10	1	25		19.41	19.55	19.47		
10	1	49		19.33	19.62	19.36		
10	25	0		19.51	19.36	19.44		
10	25	12		19.44	19.47	19.46		
10	25	25		19.31	19.28	19.33		
10	50	0		19.36	19.41	19.48		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.89	25.06	25.21	30.77	1.1940
5	1	12		25.00	25.32	25.30		
5	1	24		24.97	25.02	25.20		
5	12	0		24.97	25.08	25.23		
5	12	7		25.01	25.20	25.24		
5	12	13		24.98	25.12	25.27		
5	25	0		25.00	25.08	25.16		
5	1	0	16-QAM	25.48	25.89	25.80	31.42	1.3868
5	1	12		25.63	25.78	25.97		
5	1	24		25.41	25.54	25.85		
5	12	0		24.31	24.42	24.55		
5	12	7		24.37	24.53	24.58		
5	12	13		24.33	24.40	24.64		
5	25	0		24.32	24.43	24.46		
5	1	0	64-QAM	24.81	24.73	24.93	30.75	1.1885
5	1	12		24.77	24.98	25.30		
5	1	24		24.62	24.57	25.01		
5	12	0		23.20	23.35	23.42		
5	12	7		23.36	23.55	23.62		
5	12	13		23.33	23.42	23.52		
5	25	0		23.28	23.38	23.48		
5	1	0	256-QAM	19.52	19.53	19.80	25.70	0.3715
5	1	12		19.41	19.39	19.52		
5	1	24		20.07	19.90	20.25		
5	12	0		19.25	19.36	19.41		
5	12	7		19.57	19.57	19.79		
5	12	13		19.41	19.37	19.55		
5	25	0		19.51	19.83	19.84		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.92	24.86	25.14	30.73	1.1830
3	1	8		25.07	25.04	25.26		
3	1	14		24.76	24.94	25.10		
3	8	0		25.00	25.04	25.18		
3	8	4		25.04	25.14	25.28		
3	8	7		25.00	25.14	25.22		
3	15	0		25.02	25.15	25.14		
3	1	0	16-QAM	25.54	25.47	25.59	31.46	1.3996
3	1	8		25.54	25.66	26.01		
3	1	14		25.37	25.50	25.47		
3	8	0		24.49	24.37	24.61		
3	8	4		24.46	24.51	24.76		
3	8	7		24.43	24.53	24.70		
3	15	0		24.31	24.45	24.51		
3	1	0	64-QAM	24.66	24.65	24.97	30.42	1.1015
3	1	8		24.81	24.66	24.96		
3	1	14		24.52	24.62	24.87		
3	8	0		23.36	23.28	23.54		
3	8	4		23.40	23.39	23.63		
3	8	7		23.39	23.43	23.63		
3	15	0		23.29	23.36	23.47		
3	1	0	256-QAM	19.52	19.61	19.77	25.29	0.3381
3	1	8		19.36	19.53	19.44		
3	1	14		19.48	19.84	19.66		
3	8	0		19.25	19.33	19.41		
3	8	4		19.55	19.49	19.61		
3	8	7		19.31	19.28	19.22		
3	15	0		19.54	19.64	19.55		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.88	25.05	25.26	30.71	1.1776
1.4	1	3		24.79	24.91	25.07		
1.4	1	5		24.71	24.92	25.12		
1.4	3	0		24.82	24.93	25.11		
1.4	3	1		24.84	24.98	25.17		
1.4	3	3		24.90	24.95	25.09		
1.4	6	0		24.22	24.25	24.40		
1.4	1	0	16-QAM	25.44	25.59	25.88	31.33	1.3583
1.4	1	3		25.46	25.51	25.77		
1.4	1	5		25.55	25.42	25.65		
1.4	3	0		25.09	25.17	25.43		
1.4	3	1		25.04	25.23	25.42		
1.4	3	3		25.14	25.14	25.52		
1.4	6	0		23.37	23.38	23.49		
1.4	1	0	64-QAM	24.92	24.74	25.05	30.50	1.1220
1.4	1	3		24.59	24.66	24.81		
1.4	1	5		24.83	24.68	24.89		
1.4	3	0		24.56	24.41	24.76		
1.4	3	1		24.53	24.52	24.81		
1.4	3	3		24.39	24.51	24.93		
1.4	6	0		23.38	23.35	23.55		
1.4	1	0	256-QAM	19.25	19.36	19.33	25.16	0.3281
1.4	1	3		19.31	19.15	19.25		
1.4	1	5		19.52	19.44	19.47		
1.4	3	0		19.33	19.52	19.46		
1.4	3	1		19.61	19.71	19.60		
1.4	3	3		19.25	19.35	19.41		
1.4	6	0		19.48	19.50	19.52		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.57	25.56	25.53	31.17	1.3092
10	1	25		25.50	25.54	25.71		
10	1	49		25.57	25.58	25.70		
10	25	0		25.54	25.51	25.54		
10	25	12		25.56	25.57	25.64		
10	25	25		25.55	25.63	25.72		
10	50	0		25.56	25.61	25.58		
10	1	0	16-QAM	25.85	25.19	25.74	31.43	1.3900
10	1	25		25.53	25.66	25.98		
10	1	49		25.46	25.76	25.89		
10	25	0		24.84	24.90	24.89		
10	25	12		24.95	24.92	24.98		
10	25	25		24.91	24.98	24.95		
10	50	0		24.86	25.00	24.91		
10	1	0	64-QAM	24.93	24.92	24.91	30.45	1.1092
10	1	25		24.71	24.96	25.00		
10	1	49		24.96	24.98	24.93		
10	25	0		23.76	23.76	23.83		
10	25	12		23.97	23.92	23.90		
10	25	25		23.90	23.94	24.00		
10	50	0		23.90	23.86	23.91		
10	1	0	256-QAM	21.77	21.69	21.77	27.44	0.5546
10	1	25		21.79	21.81	21.87		
10	1	49		21.97	21.96	21.93		
10	25	0		21.75	21.70	21.78		
10	25	12		21.82	21.77	21.85		
10	25	25		21.92	21.97	21.99		
10	50	0		21.88	21.93	21.94		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 7.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.50	25.48	25.48	31.17	1.3092
5	1	12		25.55	25.59	25.55		
5	1	24		25.50	25.50	25.59		
5	12	0		25.53	25.50	25.57		
5	12	7		25.55	25.61	25.72		
5	12	13		25.54	25.60	25.71		
5	25	0		25.50	25.54	25.62		
5	1	0	16-QAM	25.84	25.96	25.95	31.42	1.3868
5	1	12		25.96	25.97	25.90		
5	1	24		25.90	25.96	25.93		
5	12	0		24.93	24.95	24.96		
5	12	7		24.95	24.96	24.95		
5	12	13		24.86	24.90	25.00		
5	25	0		24.88	24.88	24.98		
5	1	0	64-QAM	24.96	24.97	24.95	30.44	1.1066
5	1	12		24.90	24.93	24.95		
5	1	24		24.92	24.92	24.99		
5	12	0		23.87	23.86	23.93		
5	12	7		23.97	23.95	23.99		
5	12	13		23.85	23.88	23.98		
5	25	0		23.92	23.73	23.85		
5	1	0	256-QAM	21.70	21.67	21.76	27.41	0.5508
5	1	12		21.77	21.79	21.85		
5	1	24		21.90	21.95	21.92		
5	12	0		21.67	21.67	21.77		
5	12	7		21.75	21.76	21.80		
5	12	13		21.90	21.96	21.91		
5	25	0		21.84	21.83	21.93		
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.99	25.25	25.30	32.97	1.9815
20	1	49		25.14	25.47	25.36		
20	1	99		25.20	25.33	24.95		
20	50	0		24.64	24.96	25.02		
20	50	24		24.78	25.06	25.05		
20	50	50		24.80	25.06	24.88		
20	100	0		24.73	24.93	25.03		
20	1	0	16-QAM	24.82	25.03	25.00	32.91	1.9543
20	1	49		25.12	25.41	25.25		
20	1	99		25.00	25.22	25.09		
20	50	0		23.65	23.97	24.08		
20	50	24		23.75	24.07	24.08		
20	50	50		23.84	24.11	23.93		
20	100	0		23.79	23.97	24.03		
20	1	0	64-QAM	24.46	24.23	24.20	31.96	1.5704
20	1	49		24.02	24.20	24.12		
20	1	99		24.07	24.17	24.32		
20	50	0		22.69	22.94	23.05		
20	50	24		22.77	23.07	23.05		
20	50	50		22.78	23.11	22.99		
20	100	0		22.83	22.99	22.97		
20	1	0	256-QAM	20.69	21.04	21.07	28.70	0.7413
20	1	49		20.91	21.20	21.16		
20	1	99		20.75	21.10	21.05		
20	50	0		20.64	21.00	20.97		
20	50	24		20.75	21.01	20.96		
20	50	50		20.73	21.04	21.07		
20	100	0		20.71	21.01	20.97		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.65	25.06	25.12	32.69	1.8578
15	1	37		24.74	25.19	25.12		
15	1	74		24.75	25.12	24.42		
15	36	0		24.01	24.43	24.25		
15	36	20		24.17	24.57	24.45		
15	36	39		24.18	24.55	23.87		
15	75	0		24.14	24.44	24.38		
15	1	0	16-QAM	24.34	24.53	24.50	32.37	1.7258
15	1	37		24.45	24.59	24.61		
15	1	74		24.34	24.87	23.72		
15	36	0		23.01	23.46	23.32		
15	36	20		23.21	23.68	23.54		
15	36	39		23.22	23.55	22.99		
15	75	0		23.23	23.48	23.46		
15	1	0	64-QAM	23.18	23.70	23.39	31.39	1.3772
15	1	37		23.36	23.62	23.72		
15	1	74		23.28	23.89	23.02		
15	36	0		22.05	22.43	22.63		
15	36	20		22.21	22.66	22.67		
15	36	39		22.28	22.66	22.42		
15	75	0		22.21	22.56	22.67		
15	1	0	256-QAM	20.68	20.96	20.99	28.65	0.7328
15	1	37		20.91	21.15	21.14		
15	1	74		20.68	21.07	21.04		
15	36	0		20.54	20.92	20.89		
15	36	20		20.67	20.92	20.91		
15	36	39		20.65	20.99	21.00		
15	75	0		20.63	20.96	20.94		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.65	25.16	25.28	32.78	1.8967
10	1	25		25.07	25.18	25.18		
10	1	49		24.84	25.15	24.73		
10	25	0		24.02	24.51	24.61		
10	25	12		24.16	24.63	24.45		
10	25	25		24.17	24.55	24.08		
10	50	0		24.14	24.54	24.40		
10	1	0	16-QAM	24.16	24.67	24.85	32.35	1.7179
10	1	25		24.26	24.56	24.46		
10	1	49		24.27	24.63	23.99		
10	25	0		23.00	23.48	23.59		
10	25	12		23.15	23.62	23.56		
10	25	25		23.16	23.64	23.20		
10	50	0		23.14	23.60	23.53		
10	1	0	64-QAM	23.25	23.68	23.75	31.26	1.3366
10	1	25		23.43	23.75	23.76		
10	1	49		23.28	23.66	23.47		
10	25	0		22.10	22.62	22.66		
10	25	12		22.20	22.62	22.66		
10	25	25		22.17	22.65	22.63		
10	50	0		22.13	22.63	22.62		
10	1	0	256-QAM	20.66	20.94	20.97	28.67	0.7362
10	1	25		20.81	21.17	21.07		
10	1	49		20.74	21.02	21.02		
10	25	0		20.57	21.00	20.97		
10	25	12		20.70	20.98	20.90		
10	25	25		20.63	20.94	21.06		
10	50	0		20.68	20.95	20.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.54	25.11	25.24	32.76	1.8880
5	1	12		24.67	25.26	24.90		
5	1	24		24.68	25.22	24.70		
5	12	0		23.91	24.43	24.24		
5	12	7		24.08	24.60	24.12		
5	12	13		24.09	24.62	24.00		
5	25	0		24.01	24.58	24.10		
5	1	0	16-QAM	24.66	24.78	24.35	32.63	1.8323
5	1	12		24.43	25.01	24.17		
5	1	24		24.33	25.13	23.98		
5	12	0		23.04	23.51	23.35		
5	12	7		23.12	23.64	23.27		
5	12	13		23.16	23.68	23.17		
5	25	0		23.10	23.54	23.26		
5	1	0	64-QAM	23.15	23.55	23.68	31.50	1.4125
5	1	12		23.29	23.87	23.51		
5	1	24		23.20	24.00	23.49		
5	12	0		21.99	22.46	22.63		
5	12	7		22.16	22.63	22.65		
5	12	13		22.14	22.59	22.60		
5	25	0		22.06	22.59	22.64		
5	1	0	256-QAM	20.61	20.95	20.99	28.66	0.7345
5	1	12		20.83	21.15	21.16		
5	1	24		20.65	21.10	21.05		
5	12	0		20.62	20.96	20.94		
5	12	7		20.74	20.97	20.92		
5	12	13		20.67	20.95	20.99		
5	25	0		20.68	20.91	20.95		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.60	25.10	25.10	32.72	1.8707
3	1	8		24.75	25.17	25.00		
3	1	14		24.66	25.22	24.88		
3	8	0		24.02	24.46	24.31		
3	8	4		24.02	24.58	24.25		
3	8	7		24.04	24.61	24.21		
3	15	0		23.98	24.54	24.25		
3	1	0	16-QAM	24.50	24.79	24.39	32.55	1.7989
3	1	8		24.66	25.03	24.23		
3	1	14		24.53	25.05	24.19		
3	8	0		23.10	23.54	23.46		
3	8	4		23.21	23.64	23.42		
3	8	7		23.09	23.69	23.40		
3	15	0		23.08	23.61	23.41		
3	1	0	64-QAM	23.20	23.57	23.63	31.53	1.4223
3	1	8		23.43	24.03	23.66		
3	1	14		23.18	23.91	23.65		
3	8	0		22.13	22.42	22.61		
3	8	4		22.11	22.64	22.67		
3	8	7		22.08	22.64	22.60		
3	15	0		22.09	22.56	22.62		
3	1	0	256-QAM	20.61	21.00	20.97	28.61	0.7261
3	1	8		20.85	21.11	21.10		
3	1	14		20.73	21.08	20.95		
3	8	0		20.56	21.00	20.96		
3	8	4		20.70	20.92	20.89		
3	8	7		20.63	20.97	21.04		
3	15	0		20.62	20.91	20.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 7.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.87	25.20	25.04	32.78	1.8967
1.4	1	3		24.46	25.28	24.98		
1.4	1	5		24.61	25.22	24.91		
1.4	3	0		24.69	25.15	24.94		
1.4	3	1		24.68	25.15	24.90		
1.4	3	3		24.58	25.21	24.88		
1.4	6	0		23.95	24.48	24.18		
1.4	1	0	16-QAM	24.51	24.75	24.24	32.42	1.7458
1.4	1	3		24.33	24.92	24.23		
1.4	1	5		24.58	24.87	24.23		
1.4	3	0		24.22	24.63	24.14		
1.4	3	1		24.14	24.67	24.13		
1.4	3	3		24.15	24.73	24.13		
1.4	6	0		23.18	23.62	23.38		
1.4	1	0	64-QAM	23.27	23.80	23.52	31.58	1.4388
1.4	1	3		23.33	23.80	23.66		
1.4	1	5		23.49	24.08	23.70		
1.4	3	0		23.26	23.76	23.68		
1.4	3	1		23.16	23.66	23.66		
1.4	3	3		23.29	23.73	23.68		
1.4	6	0		22.14	22.61	22.68		
1.4	1	0	256-QAM	20.65	21.03	21.02	28.65	0.7328
1.4	1	3		20.89	21.10	21.15		
1.4	1	5		20.68	21.03	20.97		
1.4	3	0		20.65	21.03	21.02		
1.4	3	1		20.89	21.10	21.15		
1.4	3	3		20.68	21.03	20.97		
1.4	6	0		20.61	20.97	20.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	25.41	25.47	25.73	32.01	1.5885
15	1	37		25.66	25.76	25.55		
15	1	74		25.64	25.56	25.32		
15	36	0		24.86	25.12	25.05		
15	36	20		24.97	25.15	24.94		
15	36	39		25.05	25.15	24.80		
15	75	0		24.99	25.17	24.94		
15	1	0	16-QAM	25.11	25.25	25.22	31.87	1.5382
15	1	37		25.12	25.62	25.15		
15	1	74		25.21	25.12	25.02		
15	36	0		23.82	24.14	24.00		
15	36	20		24.01	24.29	24.01		
15	36	39		24.07	24.19	23.83		
15	75	0		24.01	24.21	24.00		
15	1	0	64-QAM	23.89	24.12	24.12	30.67	1.1668
15	1	37		24.21	24.42	24.17		
15	1	74		24.37	24.24	23.96		
15	36	0		22.83	23.09	22.99		
15	36	20		23.01	23.18	22.99		
15	36	39		23.04	23.10	22.85		
15	75	0		22.94	23.17	23.04		
15	1	0	256-QAM	21.19	21.17	21.01	27.51	0.5636
15	1	37		21.02	21.23	21.14		
15	1	74		21.18	21.06	21.26		
15	36	0		21.06	21.19	21.26		
15	36	20		21.23	21.25	21.26		
15	36	39		21.08	21.12	21.20		
15	75	0		21.15	21.13	21.22		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.36	25.80	25.48	32.06	1.6069
10	1	25		25.56	25.81	25.52		
10	1	49		25.66	25.72	25.32		
10	25	0		24.76	25.20	24.98		
10	25	12		24.91	25.29	24.92		
10	25	25		25.00	25.21	24.85		
10	50	0		24.94	25.23	24.93		
10	1	0	16-QAM	25.38	25.18	25.19	31.90	1.5488
10	1	25		25.24	25.65	25.32		
10	1	49		25.35	25.35	24.92		
10	25	0		23.84	24.26	23.98		
10	25	12		23.95	24.22	23.94		
10	25	25		23.99	24.22	23.86		
10	50	0		23.92	24.26	23.90		
10	1	0	64-QAM	23.91	24.16	24.18	30.77	1.1940
10	1	25		24.03	24.52	24.06		
10	1	49		24.12	24.38	23.86		
10	25	0		22.80	23.18	22.93		
10	25	12		22.98	23.23	22.95		
10	25	25		22.97	23.18	22.85		
10	50	0		22.95	23.22	22.97		
10	1	0	256-QAM	21.19	21.27	21.12	27.52	0.5649
10	1	25		21.25	21.00	21.04		
10	1	49		21.11	21.08	21.19		
10	25	0		21.27	21.20	21.07		
10	25	12		21.20	21.05	21.23		
10	25	25		21.26	21.27	21.27		
10	50	0		21.05	21.09	21.22		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.60	25.88	25.48	32.13	1.6331
5	1	12		25.47	25.85	25.49		
5	1	24		25.55	25.74	25.34		
5	12	0		24.89	25.33	24.91		
5	12	7		24.93	25.29	24.92		
5	12	13		24.89	25.22	24.78		
5	25	0		24.92	25.23	24.82		
5	1	0	16-QAM	25.25	25.78	25.30	32.03	1.5959
5	1	12		25.21	25.77	25.10		
5	1	24		25.22	25.62	25.05		
5	12	0		23.89	24.32	24.00		
5	12	7		24.01	24.24	23.91		
5	12	13		23.91	24.25	23.75		
5	25	0		23.83	24.21	23.85		
5	1	0	64-QAM	24.13	24.47	24.06	30.72	1.1803
5	1	12		24.04	24.40	23.97		
5	1	24		24.11	24.45	23.88		
5	12	0		22.86	23.32	22.93		
5	12	7		22.88	23.21	22.94		
5	12	13		22.82	23.23	22.73		
5	25	0		22.88	23.28	22.88		
5	1	0	256-QAM	21.19	21.05	21.29	27.54	0.5675
5	1	12		21.17	21.22	21.26		
5	1	24		21.13	21.06	21.24		
5	12	0		21.24	21.29	21.08		
5	12	7		21.29	21.08	21.16		
5	12	13		21.04	21.03	21.02		
5	25	0		21.26	21.07	21.24		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	25.54	25.75	25.41	32.15	1.6406
3	1	8		25.54	25.89	25.43		
3	1	14		25.53	25.90	25.34		
3	8	0		24.77	25.20	24.88		
3	8	4		24.84	25.26	24.91		
3	8	7		24.86	25.21	24.84		
3	15	0		24.87	25.17	24.83		
3	1	0	16-QAM	25.19	25.45	25.21	32.10	1.6218
3	1	8		25.33	25.79	25.12		
3	1	14		25.20	25.85	25.07		
3	8	0		23.88	24.33	23.93		
3	8	4		24.00	24.31	23.84		
3	8	7		23.89	24.35	23.83		
3	15	0		23.87	24.22	23.84		
3	1	0	64-QAM	23.98	24.26	24.03	30.78	1.1967
3	1	8		24.12	24.53	23.96		
3	1	14		23.93	24.38	23.89		
3	8	0		22.74	23.19	22.85		
3	8	4		22.90	23.23	22.89		
3	8	7		22.82	23.20	22.82		
3	15	0		22.84	23.19	22.80		
3	1	0	256-QAM	21.20	21.11	21.26	27.55	0.5689
3	1	8		21.08	21.30	21.08		
3	1	14		21.19	21.16	21.21		
3	8	0		21.30	21.27	21.06		
3	8	4		21.04	21.24	21.08		
3	8	7		21.18	21.27	21.17		
3	15	0		21.03	21.21	21.09		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.65	25.83	25.31	32.15	1.6406
1.4	1	3		25.42	25.86	25.54		
1.4	1	5		25.43	25.86	25.29		
1.4	3	0		25.50	25.87	25.46		
1.4	3	1		25.49	25.90	25.44		
1.4	3	3		25.55	25.84	25.34		
1.4	6	0		24.72	25.23	24.76		
1.4	1	0	16-QAM	24.23	25.71	25.44	31.96	1.5704
1.4	1	3		25.21	25.61	25.03		
1.4	1	5		25.23	25.64	25.23		
1.4	3	0		24.94	25.50	24.88		
1.4	3	1		25.14	25.44	25.02		
1.4	3	3		24.94	25.57	24.87		
1.4	6	0		23.90	24.03	23.85		
1.4	1	0	64-QAM	24.14	24.54	24.08	30.85	1.2162
1.4	1	3		24.12	24.50	24.02		
1.4	1	5		24.25	24.60	24.01		
1.4	3	0		23.99	24.09	23.80		
1.4	3	1		24.00	24.49	23.92		
1.4	3	3		24.02	24.51	23.98		
1.4	6	0		22.90	23.31	22.75		
1.4	1	0	256-QAM	21.08	21.02	21.30	27.55	0.5689
1.4	1	3		21.11	21.28	21.20		
1.4	1	5		21.16	21.03	21.22		
1.4	3	0		21.08	21.16	21.20		
1.4	3	1		21.24	21.01	21.25		
1.4	3	3		21.14	21.29	21.15		
1.4	6	0		21.01	21.13	21.02		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 90S Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	25.41	-	-	31.91	1.5524
15	1	37		25.66	-	-		
15	1	74		25.64	-	-		
15	36	0		24.86	-	-		
15	36	20		24.97	-	-		
15	36	39		25.05	-	-		
15	75	0		24.99	-	-		
15	1	0	16-QAM	25.11	-	-	31.46	1.3996
15	1	37		25.12	-	-		
15	1	74		25.21	-	-		
15	36	0		23.82	-	-		
15	36	20		24.01	-	-		
15	36	39		24.07	-	-		
15	75	0		24.01	-	-		
15	1	0	64-QAM	23.89	-	-	30.62	1.1535
15	1	37		24.21	-	-		
15	1	74		24.37	-	-		
15	36	0		22.83	-	-		
15	36	20		23.01	-	-		
15	36	39		23.04	-	-		
15	75	0		22.94	-	-		
15	1	0	256-QAM	21.19	-	-	27.48	0.5598
15	1	37		21.02	-	-		
15	1	74		21.18	-	-		
15	36	0		21.06	-	-		
15	36	20		21.23	-	-		
15	36	39		21.08	-	-		
15	75	0		21.15	-	-		
Limit	EIRP < 100W			Result			Pass	

LTE Band 26 90S Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	25.80	-	32.06	1.6069
10	1	25		-	25.81	-		
10	1	49		-	25.72	-		
10	25	0		-	25.20	-		
10	25	12		-	25.29	-		
10	25	25		-	25.21	-		
10	50	0		-	25.23	-		
10	1	0	16-QAM	-	25.18	-	31.90	1.5488
10	1	25		-	25.65	-		
10	1	49		-	25.35	-		
10	25	0		-	24.26	-		
10	25	12		-	24.22	-		
10	25	25		-	24.22	-		
10	50	0		-	24.26	-		
10	1	0	64-QAM	-	24.16	-	30.77	1.1940
10	1	25		-	24.52	-		
10	1	49		-	24.38	-		
10	25	0		-	23.18	-		
10	25	12		-	23.23	-		
10	25	25		-	23.18	-		
10	50	0		-	23.22	-		
10	1	0	256-QAM	-	21.27	-	27.52	0.5649
10	1	25		-	21.00	-		
10	1	49		-	21.08	-		
10	25	0		-	21.20	-		
10	25	12		-	21.05	-		
10	25	25		-	21.27	-		
10	50	0		-	21.09	-		
Limit	EIRP < 100W			Result			Pass	

LTE Band 26 90S Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.60	25.56	25.60	31.85	1.5311
5	1	12		25.47	25.47	25.51		
5	1	24		25.55	25.46	25.54		
5	12	0		24.89	24.81	24.93		
5	12	7		24.93	24.85	24.93		
5	12	13		24.89	24.87	24.98		
5	25	0		24.92	24.94	25.00		
5	1	0	16-QAM	25.25	25.18	25.22	31.53	1.4223
5	1	12		25.21	25.17	25.15		
5	1	24		25.22	25.26	25.28		
5	12	0		23.89	23.93	23.92		
5	12	7		24.01	24.04	24.06		
5	12	13		23.91	23.92	23.89		
5	25	0		23.83	23.81	23.79		
5	1	0	64-QAM	24.13	24.15	24.14	30.40	1.0965
5	1	12		24.04	24.12	24.12		
5	1	24		24.11	24.14	24.02		
5	12	0		22.86	22.78	22.85		
5	12	7		22.88	22.83	22.86		
5	12	13		22.82	22.72	22.81		
5	25	0		22.88	22.78	22.89		
5	1	0	256-QAM	21.19	21.21	21.24	27.61	0.5768
5	1	12		21.17	21.13	21.17		
5	1	24		21.13	21.06	21.15		
5	12	0		21.24	21.25	21.19		
5	12	7		21.29	21.36	21.21		
5	12	13		21.04	21.02	21.05		
5	25	0		21.26	21.26	21.34		
Limit	EIRP < 100W			Result			Pass	

LTE Band 26 90S Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	25.54	25.59	25.46	31.84	1.5276
3	1	8		25.54	25.46	25.52		
3	1	14		25.53	25.48	25.55		
3	8	0		24.77	24.69	24.73		
3	8	4		24.84	24.76	24.90		
3	8	7		24.86	24.79	24.82		
3	15	0		24.87	24.94	24.77		
3	1	0	16-QAM	25.19	25.17	25.16	31.62	1.4521
3	1	8		25.33	25.37	25.24		
3	1	14		25.20	25.22	25.23		
3	8	0		23.88	23.93	23.90		
3	8	4		24.00	24.02	23.92		
3	8	7		23.89	23.83	23.93		
3	15	0		23.87	23.91	23.89		
3	1	0	64-QAM	23.98	23.95	24.02	30.37	1.0889
3	1	8		24.12	24.05	24.11		
3	1	14		23.93	23.89	23.91		
3	8	0		22.74	22.84	22.68		
3	8	4		22.90	22.94	22.86		
3	8	7		22.82	22.90	22.80		
3	15	0		22.84	22.79	22.84		
3	1	0	256-QAM	21.20	21.12	21.21	27.55	0.5689
3	1	8		21.08	21.03	20.98		
3	1	14		21.19	21.12	21.13		
3	8	0		21.30	21.20	21.29		
3	8	4		21.04	21.11	21.10		
3	8	7		21.18	21.22	21.15		
3	15	0		21.03	21.05	21.02		
Limit	EIRP < 100W			Result			Pass	

LTE Band 26 90S Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.65	25.75	25.72	32.00	1.5849
1.4	1	3		25.42	25.33	25.32		
1.4	1	5		25.43	25.52	25.41		
1.4	3	0		25.50	25.46	25.59		
1.4	3	1		25.49	25.58	25.48		
1.4	3	3		25.55	25.57	25.59		
1.4	6	0		24.72	24.78	24.76		
1.4	1	0	16-QAM	24.23	24.24	24.18	31.56	1.4322
1.4	1	3		25.21	25.22	25.17		
1.4	1	5		25.23	25.29	25.31		
1.4	3	0		24.94	24.93	24.84		
1.4	3	1		25.14	25.20	25.09		
1.4	3	3		24.94	24.85	24.84		
1.4	6	0		23.90	23.84	23.82		
1.4	1	0	64-QAM	24.14	24.07	24.21	30.50	1.1220
1.4	1	3		24.12	24.09	24.11		
1.4	1	5		24.25	24.17	24.25		
1.4	3	0		23.99	24.03	23.98		
1.4	3	1		24.00	23.99	23.99		
1.4	3	3		24.02	23.95	23.95		
1.4	6	0		22.90	22.81	22.94		
1.4	1	0	256-QAM	21.08	21.10	21.12	27.49	0.5610
1.4	1	3		21.11	21.14	21.20		
1.4	1	5		21.16	21.12	21.23		
1.4	3	0		21.08	21.02	21.17		
1.4	3	1		21.24	21.19	21.16		
1.4	3	3		21.14	21.24	21.04		
1.4	6	0		21.01	20.98	21.08		
Limit	EIRP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	25.44	-	31.85	1.5311
15	1	37		-	25.60	-		
15	1	74		-	25.56	-		
15	36	0		-	24.77	-		
15	36	20		-	24.98	-		
15	36	39		-	25.11	-		
15	75	0		-	24.98	-		
15	1	0	16-QAM	-	25.13	-	31.50	1.4125
15	1	37		-	25.07	-		
15	1	74		-	25.25	-		
15	36	0		-	23.78	-		
15	36	20		-	24.01	-		
15	36	39		-	24.15	-		
15	75	0		-	24.11	-		
15	1	0	64-QAM	-	23.88	-	30.55	1.1350
15	1	37		-	24.21	-		
15	1	74		-	24.30	-		
15	36	0		-	22.89	-		
15	36	20		-	22.95	-		
15	36	39		-	23.01	-		
15	75	0		-	23.01	-		
15	1	0	256-QAM	-	21.21	-	27.51	0.5636
15	1	37		-	20.93	-		
15	1	74		-	21.11	-		
15	36	0		-	21.05	-		
15	36	20		-	21.26	-		
15	36	39		-	21.11	-		
15	75	0		-	21.05	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	25.26	-	31.83	1.5241
10	1	25		-	25.58	-		
10	1	49		-	25.56	-		
10	25	0		-	24.85	-		
10	25	12		-	24.90	-		
10	25	25		-	24.91	-		
10	50	0		-	24.87	-		
10	1	0	16-QAM	-	25.43	-	31.68	1.4723
10	1	25		-	25.14	-		
10	1	49		-	25.33	-		
10	25	0		-	23.92	-		
10	25	12		-	24.05	-		
10	25	25		-	24.09	-		
10	50	0		-	24.01	-		
10	1	0	64-QAM	-	23.94	-	30.37	1.0889
10	1	25		-	24.05	-		
10	1	49		-	24.12	-		
10	25	0		-	22.84	-		
10	25	12		-	23.02	-		
10	25	25		-	22.96	-		
10	50	0		-	23.01	-		
10	1	0	256-QAM	-	21.20	-	27.62	0.5781
10	1	25		-	21.34	-		
10	1	49		-	21.18	-		
10	25	0		-	21.37	-		
10	25	12		-	21.18	-		
10	25	25		-	21.25	-		
10	50	0		-	21.13	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	25.59	-	31.87	1.5382
5	1	12		-	25.53	-		
5	1	24		-	25.62	-		
5	12	0		-	24.89	-		
5	12	7		-	24.90	-		
5	12	13		-	24.86	-		
5	25	0		-	24.92	-		
5	1	0	16-QAM	-	25.30	-	31.55	1.4289
5	1	12		-	25.26	-		
5	1	24		-	25.23	-		
5	12	0		-	23.82	-		
5	12	7		-	24.00	-		
5	12	13		-	23.93	-		
5	25	0		-	23.76	-		
5	1	0	64-QAM	-	24.21	-	30.46	1.1117
5	1	12		-	23.98	-		
5	1	24		-	24.05	-		
5	12	0		-	22.85	-		
5	12	7		-	22.79	-		
5	12	13		-	22.90	-		
5	25	0		-	22.95	-		
5	1	0	256-QAM	-	21.12	-	27.59	0.5741
5	1	12		-	21.15	-		
5	1	24		-	21.20	-		
5	12	0		-	21.19	-		
5	12	7		-	21.34	-		
5	12	13		-	21.01	-		
5	25	0		-	21.31	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	25.55	-	31.88	1.5417
3	1	8		-	25.51	-		
3	1	14		-	25.63	-		
3	8	0		-	24.79	-		
3	8	4		-	24.92	-		
3	8	7		-	24.95	-		
3	15	0		-	24.91	-		
3	1	0	16-QAM	-	25.10	-	31.67	1.4689
3	1	8		-	25.42	-		
3	1	14		-	25.12	-		
3	8	0		-	23.78	-		
3	8	4		-	24.10	-		
3	8	7		-	23.82	-		
3	15	0		-	23.79	-		
3	1	0	64-QAM	-	24.02	-	30.34	1.0814
3	1	8		-	24.09	-		
3	1	14		-	23.90	-		
3	8	0		-	22.72	-		
3	8	4		-	22.92	-		
3	8	7		-	22.79	-		
3	15	0		-	22.76	-		
3	1	0	256-QAM	-	21.26	-	27.64	0.5808
3	1	8		-	21.18	-		
3	1	14		-	21.27	-		
3	8	0		-	21.39	-		
3	8	4		-	21.09	-		
3	8	7		-	21.12	-		
3	15	0		-	21.08	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	25.59	-	31.84	1.5276
1.4	1	3		-	25.52	-		
1.4	1	5		-	25.36	-		
1.4	3	0		-	25.55	-		
1.4	3	1		-	25.49	-		
1.4	3	3		-	25.51	-		
1.4	6	0		-	24.68	-		
1.4	1	0	16-QAM	-	24.26	-	31.50	1.4125
1.4	1	3		-	25.25	-		
1.4	1	5		-	25.24	-		
1.4	3	0		-	24.86	-		
1.4	3	1		-	25.21	-		
1.4	3	3		-	24.96	-		
1.4	6	0		-	23.96	-		
1.4	1	0	64-QAM	-	24.08	-	30.59	1.1455
1.4	1	3		-	24.12	-		
1.4	1	5		-	24.34	-		
1.4	3	0		-	23.89	-		
1.4	3	1		-	23.97	-		
1.4	3	3		-	24.03	-		
1.4	6	0		-	22.92	-		
1.4	1	0	256-QAM	-	21.10	-	27.59	0.5741
1.4	1	3		-	21.11	-		
1.4	1	5		-	21.23	-		
1.4	3	0		-	20.98	-		
1.4	3	1		-	21.34	-		
1.4	3	3		-	21.04	-		
1.4	6	0		-	20.91	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.32	24.40	24.38	32.80	1.9055
20	1	49		24.41	24.80	24.34		
20	1	99		24.45	24.42	24.31		
20	50	0		23.83	23.95	23.96		
20	50	24		23.89	23.96	23.96		
20	50	50		23.82	23.95	23.91		
20	100	0		23.88	23.93	23.90		
20	1	0	16-QAM	24.10	24.31	24.33	32.39	1.7338
20	1	49		24.32	24.39	24.30		
20	1	99		24.10	24.23	24.22		
20	50	0		22.88	22.91	23.00		
20	50	24		22.90	22.98	22.96		
20	50	50		22.84	22.99	22.93		
20	100	0		22.91	22.97	22.93		
20	1	0	64-QAM	23.11	23.20	23.39	31.39	1.3772
20	1	49		23.15	23.28	23.21		
20	1	99		23.14	23.20	23.10		
20	50	0		21.90	21.99	21.94		
20	50	24		21.92	21.91	21.96		
20	50	50		21.86	22.00	21.98		
20	100	0		21.90	21.98	21.93		
20	1	0	256-QAM	19.74	19.84	19.82	27.96	0.6252
20	1	49		19.80	19.93	19.91		
20	1	99		19.66	19.78	19.74		
20	50	0		19.76	19.93	19.89		
20	50	24		19.75	19.91	19.86		
20	50	50		19.76	19.91	19.82		
20	100	0		19.86	19.96	19.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.49	24.71	24.72	32.74	1.8793
15	1	37		24.51	24.73	24.74		
15	1	74		24.51	24.63	24.55		
15	36	0		23.56	23.78	23.77		
15	36	20		23.65	23.79	23.75		
15	36	39		23.55	23.76	23.76		
15	75	0		23.62	23.76	23.72		
15	1	0	16-QAM	23.92	24.05	24.07	32.13	1.6331
15	1	37		24.00	24.13	24.13		
15	1	74		23.88	24.12	24.02		
15	36	0		22.60	22.81	22.81		
15	36	20		22.68	22.79	22.78		
15	36	39		22.61	22.81	22.79		
15	75	0		22.62	22.81	22.75		
15	1	0	64-QAM	22.84	22.90	23.01	31.07	1.2794
15	1	37		22.94	23.07	23.05		
15	1	74		22.86	22.99	22.99		
15	36	0		21.60	21.79	21.82		
15	36	20		21.71	21.80	21.82		
15	36	39		21.64	21.83	21.82		
15	75	0		21.67	21.75	21.80		
15	1	0	256-QAM	19.72	19.82	19.72	27.91	0.6180
15	1	37		19.79	19.86	19.91		
15	1	74		19.56	19.71	19.69		
15	36	0		19.72	19.88	19.81		
15	36	20		19.71	19.81	19.76		
15	36	39		19.74	19.88	19.82		
15	75	0		19.76	19.89	19.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.52	24.76	24.75	32.78	1.8967
10	1	25		24.63	24.75	24.78		
10	1	49		24.48	24.77	24.65		
10	25	0		23.57	23.81	23.85		
10	25	12		23.67	23.81	23.81		
10	25	25		23.64	23.83	23.78		
10	50	0		23.62	23.78	23.79		
10	1	0	16-QAM	23.93	24.11	24.07	32.23	1.6711
10	1	25		23.97	24.12	24.23		
10	1	49		23.81	24.13	24.02		
10	25	0		22.61	22.83	22.86		
10	25	12		22.70	22.86	22.87		
10	25	25		22.65	22.90	22.80		
10	50	0		22.66	22.79	22.83		
10	1	0	64-QAM	22.86	23.11	22.99	31.14	1.3002
10	1	25		22.85	23.14	23.04		
10	1	49		22.73	23.10	22.93		
10	25	0		21.64	21.80	21.88		
10	25	12		21.69	21.86	21.86		
10	25	25		21.66	21.87	21.82		
10	50	0		21.67	21.81	21.83		
10	1	0	256-QAM	19.73	19.81	19.79	27.93	0.6209
10	1	25		19.78	19.92	19.90		
10	1	49		19.56	19.76	19.66		
10	25	0		19.74	19.90	19.88		
10	25	12		19.75	19.82	19.78		
10	25	25		19.72	19.82	19.78		
10	50	0		19.82	19.93	19.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.54	24.78	24.76	32.78	1.8967
5	1	12		24.60	24.76	24.76		
5	1	24		24.48	24.73	24.74		
5	12	0		23.54	23.80	23.81		
5	12	7		23.63	23.79	23.90		
5	12	13		23.59	23.82	23.81		
5	25	0		23.58	23.78	23.75		
5	1	0	16-QAM	23.98	24.18	24.27	32.29	1.6943
5	1	12		23.98	24.22	24.29		
5	1	24		23.88	24.21	24.18		
5	12	0		22.60	22.82	22.87		
5	12	7		22.66	22.87	22.92		
5	12	13		22.68	22.91	22.87		
5	25	0		22.64	22.85	22.77		
5	1	0	64-QAM	22.89	23.04	23.08	31.18	1.3122
5	1	12		22.87	23.18	23.08		
5	1	24		22.71	23.01	23.04		
5	12	0		21.59	21.88	21.87		
5	12	7		21.67	21.86	21.92		
5	12	13		21.69	21.93	21.91		
5	25	0		21.64	21.85	21.80		
5	1	0	256-QAM	19.70	19.83	19.81	27.94	0.6223
5	1	12		19.76	19.89	19.91		
5	1	24		19.63	19.73	19.72		
5	12	0		19.74	19.93	19.83		
5	12	7		19.73	19.86	19.79		
5	12	13		19.72	19.90	19.73		
5	25	0		19.84	19.94	19.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.70	24.47	24.99	32.99	1.9907
20	1	49		24.63	24.66	24.91		
20	1	99		24.64	24.71	24.64		
20	50	0		23.73	23.56	24.01		
20	50	24		23.74	23.62	23.97		
20	50	50		23.61	23.69	23.83		
20	100	0		23.68	23.59	23.92		
20	1	0	16-QAM	23.68	23.52	23.96	31.99	1.5812
20	1	49		23.78	23.71	23.99		
20	1	99		23.65	23.67	23.54		
20	50	0		22.75	22.59	23.00		
20	50	24		22.74	22.67	22.97		
20	50	50		22.63	22.70	22.80		
20	100	0		22.72	22.60	22.94		
20	1	0	64-QAM	22.71	22.37	22.98	30.98	1.2531
20	1	49		22.70	22.68	22.88		
20	1	99		22.62	22.59	22.61		
20	50	0		21.75	21.61	22.04		
20	50	24		21.78	21.67	22.00		
20	50	50		21.68	21.74	21.87		
20	100	0		21.75	21.61	21.96		
20	1	0	256-QAM	19.40	19.62	19.68	27.74	0.5943
20	1	49		19.65	19.48	19.47		
20	1	99		19.61	19.60	19.56		
20	50	0		19.43	19.50	19.47		
20	50	24		19.57	19.51	19.53		
20	50	50		19.74	19.42	19.53		
20	100	0		19.55	19.56	19.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.67	24.49	24.92	32.92	1.9588
15	1	37		24.69	24.65	24.92		
15	1	74		24.57	24.70	24.67		
15	36	0		23.75	23.56	23.94		
15	36	20		23.66	23.64	23.92		
15	36	39		23.63	23.70	23.73		
15	75	0		23.61	23.60	23.89		
15	1	0	16-QAM	23.69	23.55	23.98	32.01	1.5885
15	1	37		23.76	23.69	24.01		
15	1	74		23.72	23.71	23.74		
15	36	0		22.78	22.59	22.98		
15	36	20		22.67	22.64	22.91		
15	36	39		22.63	22.70	22.74		
15	75	0		22.67	22.59	22.91		
15	1	0	64-QAM	22.71	22.48	22.90	30.90	1.2303
15	1	37		22.67	22.65	22.90		
15	1	74		22.60	22.67	22.72		
15	36	0		21.81	21.58	21.95		
15	36	20		21.70	21.67	21.94		
15	36	39		21.67	21.71	21.77		
15	75	0		21.67	21.67	21.91		
15	1	0	256-QAM	19.40	19.64	19.60	27.74	0.5943
15	1	37		19.69	19.43	19.56		
15	1	74		19.40	19.63	19.50		
15	36	0		19.61	19.73	19.69		
15	36	20		19.63	19.74	19.71		
15	36	39		19.62	19.67	19.71		
15	75	0		19.41	19.54	19.54		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.79	24.59	24.88	32.88	1.9409
10	1	25		24.84	24.69	24.88		
10	1	49		24.71	24.62	24.72		
10	25	0		23.80	23.61	23.90		
10	25	12		23.77	23.65	23.91		
10	25	25		23.70	23.70	23.86		
10	50	0		23.77	23.63	23.84		
10	1	0	16-QAM	23.78	23.66	23.89	31.92	1.5560
10	1	25		23.79	23.73	23.92		
10	1	49		23.66	23.66	23.76		
10	25	0		22.80	22.58	22.90		
10	25	12		22.80	22.63	22.93		
10	25	25		22.69	22.73	22.85		
10	50	0		22.75	22.62	22.87		
10	1	0	64-QAM	22.83	22.59	22.88	30.88	1.2246
10	1	25		22.81	22.69	22.81		
10	1	49		22.69	22.63	22.67		
10	25	0		21.82	21.67	21.88		
10	25	12		21.85	21.68	21.98		
10	25	25		21.72	21.74	21.87		
10	50	0		21.81	21.60	21.94		
10	1	0	256-QAM	19.41	19.70	19.51	27.75	0.5957
10	1	25		19.49	19.41	19.60		
10	1	49		19.70	19.57	19.62		
10	25	0		19.44	19.50	19.60		
10	25	12		19.69	19.74	19.69		
10	25	25		19.67	19.66	19.61		
10	50	0		19.62	19.71	19.75		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.74	24.66	24.82	32.87	1.9364
5	1	12		24.79	24.72	24.87		
5	1	24		24.69	24.58	24.70		
5	12	0		23.80	23.64	23.89		
5	12	7		23.73	23.63	23.86		
5	12	13		23.67	23.69	23.80		
5	25	0		23.71	23.63	23.82		
5	1	0	16-QAM	23.75	23.67	23.87	31.91	1.5524
5	1	12		23.91	23.75	23.90		
5	1	24		23.73	23.63	23.72		
5	12	0		22.79	22.58	22.89		
5	12	7		22.71	22.63	22.90		
5	12	13		22.63	22.71	22.83		
5	25	0		22.69	22.65	22.85		
5	1	0	64-QAM	22.79	22.57	22.88	30.88	1.2246
5	1	12		22.73	22.72	22.79		
5	1	24		22.68	22.58	22.70		
5	12	0		21.85	21.65	21.94		
5	12	7		21.75	21.65	21.92		
5	12	13		21.72	21.73	21.86		
5	25	0		21.75	21.65	21.88		
5	1	0	256-QAM	19.53	19.61	19.44	27.73	0.5929
5	1	12		19.43	19.43	19.63		
5	1	24		19.73	19.69	19.57		
5	12	0		19.67	19.62	19.47		
5	12	7		19.67	19.62	19.52		
5	12	13		19.68	19.60	19.62		
5	25	0		19.52	19.64	19.51		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.55	26.34	26.91	32.91	1.9543
20	1	49		26.56	26.56	26.76		
20	1	99		26.51	26.45	26.62		
20	50	0		25.61	25.49	25.95		
20	50	24		25.64	25.54	25.90		
20	50	50		25.54	25.61	25.76		
20	100	0		24.14	25.52	25.87		
20	1	0	16-QAM	26.19	25.80	26.32	32.48	1.7701
20	1	49		25.95	25.97	26.48		
20	1	99		25.84	25.94	26.21		
20	50	0		24.68	24.50	24.99		
20	50	24		24.67	24.57	24.94		
20	50	50		24.58	24.61	24.83		
20	100	0		23.16	24.52	24.90		
20	1	0	64-QAM	24.88	24.66	25.16	31.16	1.3062
20	1	49		24.86	24.84	25.11		
20	1	99		24.83	24.83	24.76		
20	50	0		23.67	23.55	24.01		
20	50	24		23.71	23.62	24.00		
20	50	50		23.61	23.65	23.97		
20	100	0		23.67	23.56	23.93		
20	1	0	256-QAM	21.80	21.82	21.86	27.93	0.6209
20	1	49		21.65	21.72	21.60		
20	1	99		21.76	21.61	21.62		
20	50	0		21.50	21.86	21.63		
20	50	24		21.76	21.84	21.55		
20	50	50		21.50	21.80	21.56		
20	100	0		21.89	21.93	21.62		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.55	26.30	26.77	32.77	1.8923
15	1	37		26.44	26.56	26.63		
15	1	74		26.44	26.52	26.57		
15	36	0		25.65	25.50	25.87		
15	36	20		25.57	25.52	25.88		
15	36	39		25.53	25.58	25.66		
15	75	0		24.09	25.51	25.82		
15	1	0	16-QAM	26.00	25.73	26.15	32.16	1.6444
15	1	37		25.98	26.02	26.16		
15	1	74		25.84	25.96	25.89		
15	36	0		24.68	24.53	24.92		
15	36	20		24.61	24.57	24.89		
15	36	39		24.58	24.63	24.77		
15	75	0		23.12	24.55	24.86		
15	1	0	64-QAM	24.86	24.65	25.09	31.10	1.2882
15	1	37		24.88	24.84	25.10		
15	1	74		24.85	24.82	24.89		
15	36	0		23.69	23.55	23.95		
15	36	20		23.64	23.60	23.91		
15	36	39		23.64	23.66	23.80		
15	75	0		23.62	23.58	23.91		
15	1	0	256-QAM	21.74	21.68	21.61	27.95	0.6237
15	1	37		21.84	21.69	21.83		
15	1	74		21.75	21.88	21.93		
15	36	0		21.82	21.80	21.51		
15	36	20		21.67	21.79	21.95		
15	36	39		21.64	21.66	21.81		
15	75	0		21.69	21.80	21.57		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.52	26.49	26.79	32.83	1.9187
10	1	25		26.64	26.55	26.83		
10	1	49		26.51	26.45	26.74		
10	25	0		25.66	25.50	25.85		
10	25	12		25.62	25.57	25.89		
10	25	25		25.58	25.64	25.88		
10	50	0		23.20	25.50	25.80		
10	1	0	16-QAM	25.95	25.93	26.17	32.20	1.6596
10	1	25		26.05	26.00	26.20		
10	1	49		25.87	25.92	25.86		
10	25	0		24.70	24.57	24.87		
10	25	12		24.72	24.59	25.06		
10	25	25		24.63	24.77	24.93		
10	50	0		23.21	24.55	24.83		
10	1	0	64-QAM	24.89	24.71	25.02	31.02	1.2647
10	1	25		24.91	24.82	24.96		
10	1	49		24.90	24.77	24.85		
10	25	0		23.74	23.60	23.90		
10	25	12		23.78	23.65	23.93		
10	25	25		23.61	23.69	24.02		
10	50	0		23.73	23.61	23.99		
10	1	0	256-QAM	21.76	21.55	21.85	27.93	0.6209
10	1	25		21.81	21.74	21.78		
10	1	49		21.67	21.84	21.93		
10	25	0		21.82	21.52	21.54		
10	25	12		21.61	21.70	21.62		
10	25	25		21.92	21.55	21.54		
10	50	0		21.58	21.59	21.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.58	26.53	26.72	32.77	1.8923
5	1	12		26.73	26.64	26.77		
5	1	24		26.53	26.48	26.60		
5	12	0		25.66	25.54	25.81		
5	12	7		25.59	25.56	25.80		
5	12	13		25.57	25.65	25.76		
5	25	0		25.55	25.55	25.75		
5	1	0	16-QAM	26.09	25.95	26.30	32.42	1.7458
5	1	12		26.06	25.99	26.42		
5	1	24		26.04	25.99	26.09		
5	12	0		24.70	24.61	24.93		
5	12	7		24.70	24.63	25.00		
5	12	13		24.64	24.66	24.83		
5	25	0		24.63	24.59	24.85		
5	1	0	64-QAM	24.89	24.74	25.05	31.25	1.3335
5	1	12		25.10	24.89	25.25		
5	1	24		24.86	24.79	24.81		
5	12	0		23.84	23.66	23.96		
5	12	7		23.73	23.66	23.91		
5	12	13		23.71	23.70	23.95		
5	25	0		23.70	23.60	23.93		
5	1	0	256-QAM	21.69	21.60	21.58	27.95	0.6237
5	1	12		21.75	21.95	21.68		
5	1	24		21.94	21.66	21.51		
5	12	0		21.61	21.92	21.80		
5	12	7		21.75	21.57	21.63		
5	12	13		21.76	21.61	21.53		
5	25	0		21.74	21.95	21.75		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.38	25.21	25.11	29.91	0.9795
20	1	49		25.41	25.13	25.08		
20	1	99		25.28	24.99	24.72		
20	50	0		25.01	24.85	24.74		
20	50	24		25.10	24.94	24.69		
20	50	50		25.08	24.83	24.73		
20	100	0		25.11	24.86	24.77		
20	1	0	16-QAM	25.38	25.35	25.15	29.88	0.9727
20	1	49		25.18	25.19	24.93		
20	1	99		25.24	25.15	24.92		
20	50	0		24.03	23.95	23.82		
20	50	24		24.15	23.90	23.76		
20	50	50		24.02	23.86	23.82		
20	100	0		24.07	23.93	23.85		
20	1	0	64-QAM	24.27	24.50	23.97	29.00	0.7943
20	1	49		24.32	24.01	23.83		
20	1	99		24.18	23.90	23.88		
20	50	0		23.08	22.94	22.87		
20	50	24		23.15	22.97	22.76		
20	50	50		22.99	22.93	22.74		
20	100	0		23.14	22.96	22.72		
20	1	0	256-QAM	21.15	21.14	21.04	25.65	0.3673
20	1	49		21.08	21.08	20.91		
20	1	99		21.03	21.03	20.85		
20	50	0		21.09	21.05	20.99		
20	50	24		21.05	21.05	20.94		
20	50	50		21.03	20.94	20.88		
20	100	0		21.04	20.94	20.94		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.39	25.35	25.34	29.89	0.9750
15	1	37		25.36	25.32	25.01		
15	1	74		25.34	25.36	25.14		
15	36	0		24.87	24.78	24.62		
15	36	20		25.02	24.75	24.60		
15	36	39		24.99	24.74	24.59		
15	75	0		25.02	24.82	24.57		
15	1	0	16-QAM	25.08	25.17	24.89	29.79	0.9528
15	1	37		25.29	25.22	24.66		
15	1	74		25.07	24.83	24.36		
15	36	0		23.97	23.86	23.69		
15	36	20		24.03	23.88	23.63		
15	36	39		24.00	23.79	23.56		
15	75	0		24.01	23.83	23.60		
15	1	0	64-QAM	24.31	24.01	23.93	28.81	0.7603
15	1	37		24.23	24.02	23.77		
15	1	74		24.00	23.88	23.85		
15	36	0		22.92	22.81	22.63		
15	36	20		23.04	22.84	22.70		
15	36	39		23.00	22.85	22.60		
15	75	0		23.04	22.86	22.62		
15	1	0	256-QAM	21.10	21.09	21.00	25.60	0.3631
15	1	37		21.05	21.04	20.86		
15	1	74		21.03	21.02	20.85		
15	36	0		21.01	21.03	20.97		
15	36	20		21.02	20.95	20.84		
15	36	39		20.96	20.91	20.82		
15	75	0		21.04	20.89	20.92		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.32	25.35	25.14	29.85	0.9661
10	1	25		24.33	24.32	25.27		
10	1	49		24.38	24.33	24.95		
10	25	0		25.03	24.82	24.69		
10	25	12		25.08	24.82	24.71		
10	25	25		25.04	24.73	24.49		
10	50	0		25.04	24.81	24.67		
10	1	0	16-QAM	25.15	24.87	24.97	29.69	0.9311
10	1	25		25.17	25.19	24.93		
10	1	49		25.03	24.89	24.26		
10	25	0		24.05	23.87	23.64		
10	25	12		24.09	23.86	23.78		
10	25	25		24.03	23.84	23.60		
10	50	0		24.05	23.88	23.73		
10	1	0	64-QAM	24.27	23.95	23.91	28.77	0.7534
10	1	25		24.15	23.94	23.67		
10	1	49		23.99	23.80	23.77		
10	25	0		22.90	22.76	22.61		
10	25	12		23.04	22.79	22.68		
10	25	25		22.90	22.85	22.58		
10	50	0		23.01	22.81	22.62		
10	1	0	256-QAM	21.14	21.12	20.94	25.64	0.3664
10	1	25		21.03	20.99	20.88		
10	1	49		20.98	21.01	20.79		
10	25	0		20.99	21.01	20.89		
10	25	12		21.01	21.02	20.86		
10	25	25		21.02	20.94	20.87		
10	50	0		20.98	20.88	20.92		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.38	25.39	25.36	29.89	0.9750
5	1	12		25.38	25.32	25.34		
5	1	24		25.32	25.31	25.05		
5	12	0		25.26	24.78	24.61		
5	12	7		25.09	24.88	24.58		
5	12	13		25.06	24.83	24.45		
5	25	0		25.02	24.82	24.57		
5	1	0	16-QAM	25.34	25.17	24.88	29.90	0.9772
5	1	12		25.40	25.33	24.59		
5	1	24		25.35	25.15	24.30		
5	12	0		24.21	23.77	23.67		
5	12	7		24.10	23.90	23.72		
5	12	13		24.14	23.84	23.63		
5	25	0		24.02	23.83	23.72		
5	1	0	64-QAM	24.15	23.95	23.82	28.68	0.7379
5	1	12		24.15	24.02	23.97		
5	1	24		24.18	24.02	23.77		
5	12	0		23.07	22.79	22.61		
5	12	7		23.12	22.96	22.84		
5	12	13		23.10	22.92	22.71		
5	25	0		23.03	22.90	22.65		
5	1	0	256-QAM	21.09	21.05	21.00	25.59	0.3622
5	1	12		21.08	21.06	20.81		
5	1	24		20.96	20.94	20.82		
5	12	0		21.03	21.00	20.92		
5	12	7		20.96	21.04	20.92		
5	12	13		20.99	20.86	20.84		
5	25	0		20.99	20.94	20.92		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	25.39	25.32	25.22	29.90	0.9772
3	1	8		25.38	25.32	25.40		
3	1	14		25.40	25.39	25.22		
3	8	0		25.11	24.79	24.68		
3	8	4		25.15	24.87	24.65		
3	8	7		25.11	24.88	24.59		
3	15	0		25.05	24.86	24.64		
3	1	0	16-QAM	25.35	25.20	24.81	29.89	0.9750
3	1	8		25.38	25.35	24.67		
3	1	14		25.39	25.20	24.53		
3	8	0		24.28	23.86	23.80		
3	8	4		24.24	24.00	23.80		
3	8	7		24.27	24.00	23.74		
3	15	0		24.16	23.89	23.70		
3	1	0	64-QAM	24.10	23.94	23.91	28.91	0.7780
3	1	8		24.36	24.14	24.05		
3	1	14		24.41	24.09	23.94		
3	8	0		23.13	22.88	22.71		
3	8	4		23.19	23.03	22.74		
3	8	7		23.16	23.00	22.78		
3	15	0		23.15	22.91	22.66		
3	1	0	256-QAM	21.08	21.08	20.99	25.58	0.3614
3	1	8		21.06	21.03	20.85		
3	1	14		21.01	20.93	20.76		
3	8	0		20.99	21.05	20.90		
3	8	4		20.95	21.01	20.84		
3	8	7		20.95	20.92	20.80		
3	15	0		20.98	20.88	20.90		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 4.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	25.34	25.34	25.29	29.89	0.9750
1.4	1	3		25.33	25.39	25.30		
1.4	1	5		25.35	25.35	25.28		
1.4	3	0		25.36	25.31	25.33		
1.4	3	1		25.36	25.34	25.29		
1.4	3	3		25.36	25.38	25.27		
1.4	6	0		24.97	24.78	24.57		
1.4	1	0	16-QAM	25.33	25.35	24.55	29.88	0.9727
1.4	1	3		25.38	25.18	24.56		
1.4	1	5		25.37	25.15	24.50		
1.4	3	0		25.25	25.01	24.46		
1.4	3	1		25.24	25.04	24.47		
1.4	3	3		25.34	24.89	24.44		
1.4	6	0		24.06	23.86	23.75		
1.4	1	0	64-QAM	24.39	24.04	23.87	28.89	0.7745
1.4	1	3		24.34	24.18	23.94		
1.4	1	5		24.26	24.17	23.91		
1.4	3	0		24.17	24.10	23.88		
1.4	3	1		24.25	23.99	23.80		
1.4	3	3		24.22	24.06	23.84		
1.4	6	0		23.15	22.87	22.67		
1.4	1	0	256-QAM	21.14	21.12	21.01	25.64	0.3664
1.4	1	3		20.98	21.00	20.85		
1.4	1	5		21.00	20.99	20.84		
1.4	3	0		21.14	21.12	21.01		
1.4	3	1		20.98	21.00	20.85		
1.4	3	3		21.00	20.99	20.84		
1.4	6	0		21.07	20.99	20.99		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 7.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	25.39	25.26	25.62	30.87	1.2218
20	1	49		25.21	25.48	25.35		
20	1	99		25.22	25.36	25.48		
20	50	0		25.28	25.33	25.26		
20	50	24		25.31	25.42	25.27		
20	50	50		25.26	25.31	25.30		
20	100	0		25.41	25.35	25.23		
20	1	0	16-QAM	25.74	25.40	25.90	31.15	1.3032
20	1	49		25.54	25.62	25.40		
20	1	99		25.40	25.46	25.45		
20	50	0		25.17	25.11	25.10		
20	50	24		25.18	25.15	25.12		
20	50	50		25.05	25.15	25.14		
20	100	0		25.19	25.14	25.09		
20	1	0	64-QAM	25.45	25.27	25.23	30.70	1.1749
20	1	49		25.34	25.30	25.21		
20	1	99		25.41	25.30	25.28		
20	50	0		24.15	24.12	24.04		
20	50	24		24.16	24.11	24.08		
20	50	50		24.13	24.12	24.13		
20	100	0		24.22	24.12	24.12		
20	1	0	256-QAM	22.36	22.22	22.28	27.62	0.5781
20	1	49		22.37	22.23	22.24		
20	1	99		22.32	22.18	22.24		
20	50	0		22.17	22.10	22.11		
20	50	24		22.11	21.94	22.02		
20	50	50		22.26	22.10	22.19		
20	100	0		22.17	22.01	22.07		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 7.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	25.26	25.17	25.18	30.59	1.1455
15	1	37		25.11	25.11	25.17		
15	1	74		25.09	25.05	25.24		
15	36	0		25.29	25.21	25.25		
15	36	20		25.24	25.31	25.32		
15	36	39		25.19	25.26	25.34		
15	75	0		25.26	25.28	25.34		
15	1	0	16-QAM	25.52	25.46	25.23	30.85	1.2162
15	1	37		25.32	25.55	25.60		
15	1	74		25.36	25.35	25.47		
15	36	0		25.01	25.10	25.08		
15	36	20		25.00	25.15	25.17		
15	36	39		24.95	25.07	25.15		
15	75	0		25.09	25.13	25.16		
15	1	0	64-QAM	25.12	25.18	25.40	30.65	1.1614
15	1	37		25.11	25.30	25.24		
15	1	74		25.15	25.19	25.17		
15	36	0		24.02	24.08	24.07		
15	36	20		24.00	24.10	24.23		
15	36	39		23.99	24.01	24.12		
15	75	0		24.04	24.13	24.19		
15	1	0	256-QAM	22.31	22.14	22.25	27.57	0.5715
15	1	37		22.29	22.21	22.15		
15	1	74		22.32	22.14	22.16		
15	36	0		22.09	22.03	22.11		
15	36	20		22.02	21.84	22.01		
15	36	39		22.22	22.09	22.12		
15	75	0		22.12	21.94	22.05		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 7.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.24	25.22	25.17	30.63	1.1561
10	1	25		25.11	25.21	25.34		
10	1	49		25.10	25.14	25.34		
10	25	0		25.26	25.30	25.32		
10	25	12		25.24	25.30	25.32		
10	25	25		25.18	25.20	25.38		
10	50	0		25.23	25.27	25.28		
10	1	0	16-QAM	25.48	25.39	25.72	30.99	1.2560
10	1	25		25.64	25.74	25.68		
10	1	49		25.25	25.46	25.74		
10	25	0		25.05	25.06	25.17		
10	25	12		25.06	25.14	25.12		
10	25	25		24.96	25.06	25.20		
10	50	0		24.98	25.06	25.11		
10	1	0	64-QAM	25.29	25.23	25.37	30.71	1.1776
10	1	25		25.00	25.46	25.31		
10	1	49		24.96	25.05	25.27		
10	25	0		24.10	24.06	24.08		
10	25	12		24.01	24.13	24.15		
10	25	25		23.95	24.02	24.19		
10	50	0		23.95	24.13	24.11		
10	1	0	256-QAM	22.33	22.16	22.26	27.58	0.5728
10	1	25		22.29	22.20	22.17		
10	1	49		22.32	22.11	22.24		
10	25	0		22.14	22.08	22.04		
10	25	12		22.07	21.84	21.92		
10	25	25		22.25	22.08	22.15		
10	50	0		22.07	21.91	22.00		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 7.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.26	25.27	25.32	30.72	1.1803
5	1	12		25.35	25.26	25.47		
5	1	24		25.08	25.12	25.30		
5	12	0		25.24	25.27	25.38		
5	12	7		25.42	25.34	25.39		
5	12	13		25.31	25.25	25.43		
5	25	0		25.33	25.29	25.33		
5	1	0	16-QAM	25.72	25.60	25.73	31.07	1.2794
5	1	12		25.75	25.64	25.81		
5	1	24		25.72	25.59	25.82		
5	12	0		25.21	25.07	25.27		
5	12	7		25.22	25.21	25.30		
5	12	13		25.23	25.12	25.25		
5	25	0		25.12	25.09	25.23		
5	1	0	64-QAM	25.43	25.12	25.44	30.74	1.1858
5	1	12		25.37	25.32	25.30		
5	1	24		25.24	25.33	25.49		
5	12	0		24.05	24.05	24.27		
5	12	7		24.21	24.21	24.29		
5	12	13		24.07	24.13	24.30		
5	25	0		24.06	24.11	24.19		
5	1	0	256-QAM	22.26	22.13	22.22	27.56	0.5702
5	1	12		22.31	22.17	22.18		
5	1	24		22.30	22.18	22.23		
5	12	0		22.15	22.06	22.09		
5	12	7		22.04	21.84	21.98		
5	12	13		22.21	22.06	22.09		
5	25	0		22.11	21.93	22.02		
Limit	ERP < 3W			Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.02	22.17	22.66	32.51	1.7824
20+20	1	0	1	99		15.47	15.60	16.20		
20+20	1	99	1	0		23.91	24.03	24.51		
20+20	100	0	100	0	16-QAM	21.07	21.22	21.69	31.95	1.5668
20+20	1	0	1	99		16.00	16.09	16.65		
20+20	1	99	1	0		23.46	23.54	23.95		
20+20	100	0	100	0	64-QAM	21.09	21.24	21.72	30.03	1.0069
20+20	1	0	1	99		15.98	16.13	16.59		
20+20	1	99	1	0		21.50	21.67	22.03		
20+20	100	0	100	0	256-QAM	19.11	19.26	19.80	27.89	0.6152
20+20	1	0	1	99		15.70	15.96	16.44		
20+20	1	99	1	0		19.31	19.42	19.89		
20+15	100	0	75	0	QPSK	22.06	22.24	22.73	32.46	1.7620
20+15	1	0	1	74		15.55	15.64	16.20		
20+15	1	99	1	0		23.94	24.02	24.46		
20+15	100	0	75	0	16-QAM	21.10	21.26	21.71	32.01	1.5885
20+15	1	0	1	74		16.04	16.05	16.68		
20+15	1	99	1	0		23.40	23.62	24.01		
20+15	100	0	75	0	64-QAM	21.12	21.23	21.73	29.95	0.9886
20+15	1	0	1	74		16.02	16.06	16.64		
20+15	1	99	1	0		21.45	21.59	21.95		
20+15	100	0	75	0	256-QAM	19.13	19.31	19.73	27.85	0.6095
20+15	1	0	1	74		15.81	15.91	16.43		
20+15	1	99	1	0		19.27	19.49	19.85		
15+20	75	0	100	0	QPSK	22.09	22.25	22.71	32.48	1.7701
15+20	1	0	1	99		15.53	15.65	16.24		
15+20	1	74	1	0		23.89	23.99	24.48		
15+20	75	0	100	0	16-QAM	21.11	21.23	21.74	32.03	1.5959
15+20	1	0	1	99		16.07	16.14	16.67		
15+20	1	74	1	0		23.34	23.63	24.03		
15+20	75	0	100	0	64-QAM	21.10	21.22	21.73	29.95	0.9886
15+20	1	0	1	99		15.94	16.05	16.62		
15+20	1	74	1	0		21.47	21.59	21.95		
15+20	75	0	100	0	256-QAM	19.17	19.28	19.76	27.88	0.6138
15+20	1	0	1	99		15.81	15.92	16.45		
15+20	1	74	1	0		19.19	19.38	19.88		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.08	22.29	22.69	32.50	1.7783
20+10	1	0	1	49		15.63	15.75	16.28		
20+10	1	99	1	0		23.91	24.13	24.50		
20+10	100	0	50	0	16-QAM	21.14	21.31	21.71	32.02	1.5922
20+10	1	0	1	49		16.14	16.26	16.71		
20+10	1	99	1	0		23.50	23.60	24.02		
20+10	100	0	50	0	64-QAM	21.13	21.30	21.69	29.99	0.9977
20+10	1	0	1	49		16.01	16.23	16.67		
20+10	1	99	1	0		21.51	21.75	21.99		
20+10	100	0	50	0	256-QAM	19.17	19.33	19.77	27.84	0.6081
20+10	1	0	1	49		15.90	16.03	16.50		
20+10	1	99	1	0		19.38	19.57	19.84		
10+20	50	0	100	0	QPSK	22.16	22.19	22.74	32.50	1.7783
10+20	1	0	1	99		15.70	15.73	16.30		
10+20	1	49	1	0		23.90	23.99	24.50		
10+20	50	0	100	0	16-QAM	21.17	21.24	21.77	32.08	1.6144
10+20	1	0	1	99		16.20	16.22	16.72		
10+20	1	49	1	0		23.38	23.51	24.08		
10+20	50	0	100	0	64-QAM	21.17	21.23	21.72	30.07	1.0162
10+20	1	0	1	99		16.07	16.16	16.66		
10+20	1	49	1	0		21.46	21.55	22.07		
10+20	50	0	100	0	256-QAM	19.22	19.26	19.77	27.95	0.6237
10+20	1	0	1	99		15.89	16.01	16.53		
10+20	1	49	1	0		19.22	19.52	19.95		
20+5	100	0	25	0	QPSK	22.13	22.19	22.55	32.37	1.7258
20+5	1	0	1	24		15.66	15.68	16.20		
20+5	1	99	1	0		24.10	24.13	24.37		
20+5	100	0	25	0	16-QAM	21.14	21.21	21.61	31.91	1.5524
20+5	1	0	1	24		16.19	16.11	16.59		
20+5	1	99	1	0		23.58	23.69	23.91		
20+5	100	0	25	0	64-QAM	21.16	21.20	21.57	29.92	0.9817
20+5	1	0	1	24		15.98	16.09	16.60		
20+5	1	99	1	0		21.66	21.70	21.92		
20+5	100	0	25	0	256-QAM	19.16	19.27	19.60	27.84	0.6081
20+5	1	0	1	24		16.00	15.86	16.53		
20+5	1	99	1	0		19.52	19.52	19.84		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.14	22.01	22.55	32.37	1.7258
5+20	1	0	1	99		15.66	15.54	16.08		
5+20	1	24	1	0		23.95	23.86	24.37		
5+20	25	0	100	0	16-QAM	21.19	21.10	21.63	31.93	1.5596
5+20	1	0	1	99		16.15	15.97	16.57		
5+20	1	24	1	0		23.44	23.43	23.93		
5+20	25	0	100	0	64-QAM	21.18	21.09	21.58	29.93	0.9840
5+20	1	0	1	99		16.12	15.94	16.53		
5+20	1	24	1	0		21.55	21.38	21.93		
5+20	25	0	100	0	256-QAM	19.21	19.10	19.62	27.83	0.6067
5+20	1	0	1	99		15.87	15.79	16.31		
5+20	1	24	1	0		19.44	19.37	19.83		
15+10	75	0	50	0	QPSK	22.08	22.25	22.65	32.42	1.7458
15+10	1	0	1	49		15.65	15.72	16.23		
15+10	1	74	1	0		23.92	24.11	24.42		
15+10	75	0	50	0	16-QAM	21.13	21.29	21.68	31.94	1.5631
15+10	1	0	1	49		16.14	16.19	16.66		
15+10	1	74	1	0		23.56	23.63	23.94		
15+10	75	0	50	0	64-QAM	21.12	21.28	21.65	29.96	0.9908
15+10	1	0	1	49		16.06	16.16	16.66		
15+10	1	74	1	0		21.44	21.70	21.96		
15+10	75	0	50	0	256-QAM	19.18	19.30	19.72	27.79	0.6012
15+10	1	0	1	49		15.98	16.06	16.42		
15+10	1	74	1	0		19.38	19.54	19.79		
10+15	50	0	75	0	QPSK	22.14	22.15	22.66	32.37	1.7258
10+15	1	0	1	74		15.71	15.72	16.24		
10+15	1	49	1	0		23.86	23.95	24.37		
10+15	50	0	75	0	16-QAM	21.18	21.22	21.67	31.99	1.5812
10+15	1	0	1	74		16.19	16.19	16.69		
10+15	1	49	1	0		23.50	23.51	23.99		
10+15	50	0	75	0	64-QAM	21.15	21.20	21.68	29.97	0.9931
10+15	1	0	1	74		16.13	16.10	16.64		
10+15	1	49	1	0		21.52	21.57	21.97		
10+15	50	0	75	0	256-QAM	19.19	19.24	19.71	27.86	0.6109
10+15	1	0	1	74		16.01	15.99	16.51		
10+15	1	49	1	0		19.30	19.43	19.86		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	22.07	22.19	22.65	32.41	1.7418
15+15	1	0	1	74		15.57	15.68	16.29		
15+15	1	74	1	0		23.84	23.99	24.41		
15+15	75	0	75	0	16-QAM	21.15	21.24	21.73	32.01	1.5885
15+15	1	0	1	74		16.12	16.17	16.71		
15+15	1	74	1	0		23.41	23.48	24.01		
15+15	75	0	75	0	64-QAM	21.15	21.29	21.72	30.03	1.0069
15+15	1	0	1	74		16.05	16.13	16.70		
15+15	1	74	1	0		21.42	21.66	22.03		
15+15	75	0	75	0	256-QAM	19.16	19.27	19.76	27.88	0.6138
15+15	1	0	1	74		15.91	16.03	16.45		
15+15	1	74	1	0		19.39	19.51	19.88		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 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	24.23	23.99	24.51	32.20	1.6596
20+20	1	0	1	99		17.74	17.44	18.05		
20+20	1	99	1	0		26.12	25.85	26.20		
20+20	100	0	100	0	16-QAM	23.31	23.05	23.54	31.27	1.3397
20+20	1	0	1	99		18.22	18.01	18.46		
20+20	1	99	1	0		25.16	24.86	25.27		
20+20	100	0	100	0	64-QAM	23.28	23.06	23.58	30.81	1.2050
20+20	1	0	1	99		18.15	17.86	18.47		
20+20	1	99	1	0		24.51	24.38	24.81		
20+20	100	0	100	0	256-QAM	20.36	20.13	20.59	26.61	0.4581
20+20	1	0	1	99		17.93	17.75	18.23		
20+20	1	99	1	0		20.49	20.32	20.61		
20+15	100	0	75	0	QPSK	24.26	24.09	24.55	32.3	1.6866
20+15	1	0	1	74		17.78	17.55	18.04		
20+15	1	99	1	0		26.04	25.86	26.27		
20+15	100	0	75	0	16-QAM	23.28	23.12	23.54	31.34	1.3614
20+15	1	0	1	74		18.33	17.99	18.56		
20+15	1	99	1	0		25.12	25.01	25.34		
20+15	100	0	75	0	64-QAM	23.29	23.14	23.53	29.77	0.9484
20+15	1	0	1	74		18.20	17.99	18.49		
20+15	1	99	1	0		23.65	23.43	23.77		
20+15	100	0	75	0	256-QAM	20.36	20.17	20.58	26.60	0.4571
20+15	1	0	1	74		18.00	17.83	18.27		
20+15	1	99	1	0		20.59	20.35	20.60		
15+20	75	0	100	0	QPSK	24.25	24.01	24.57	32.35	1.7179
15+20	1	0	1	99		17.78	17.51	18.05		
15+20	1	74	1	0		25.98	25.80	26.35		
15+20	75	0	100	0	16-QAM	23.27	23.03	23.60	31.35	1.3646
15+20	1	0	1	99		18.33	18.00	18.60		
15+20	1	74	1	0		25.06	24.82	25.35		
15+20	75	0	100	0	64-QAM	23.26	23.06	23.59	29.81	0.9572
15+20	1	0	1	99		18.23	17.89	18.60		
15+20	1	74	1	0		23.58	23.38	23.81		
15+20	75	0	100	0	256-QAM	20.34	20.12	20.62	26.74	0.4721
15+20	1	0	1	99		18.02	17.85	18.36		
15+20	1	74	1	0		20.50	20.30	20.74		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 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	24.21	24.08	24.45	32.24	1.6749
20+10	1	0	1	49		17.80	17.60	18.05		
20+10	1	99	1	0		26.08	25.86	26.24		
20+10	100	0	50	0	16-QAM	23.26	23.05	23.49	31.37	1.3709
20+10	1	0	1	49		18.31	18.12	18.57		
20+10	1	99	1	0		25.09	25.13	25.37		
20+10	100	0	50	0	64-QAM	23.25	23.17	23.47	29.82	0.9594
20+10	1	0	1	49		18.17	17.97	18.53		
20+10	1	99	1	0		23.66	23.46	23.82		
20+10	100	0	50	0	256-QAM	20.31	20.16	20.52	26.62	0.4592
20+10	1	0	1	49		18.10	17.78	18.27		
20+10	1	99	1	0		20.60	20.47	20.62		
10+20	50	0	100	0	QPSK	24.26	24.07	24.56	32.2	1.6596
10+20	1	0	1	99		17.88	17.63	18.06		
10+20	1	49	1	0		26.01	25.85	26.20		
10+20	50	0	100	0	16-QAM	23.29	23.10	23.61	31.39	1.3772
10+20	1	0	1	99		18.36	18.15	18.58		
10+20	1	49	1	0		24.94	24.84	25.39		
10+20	50	0	100	0	64-QAM	23.27	23.10	23.63	29.92	0.9817
10+20	1	0	1	99		18.32	18.14	18.51		
10+20	1	49	1	0		23.57	23.44	23.92		
10+20	50	0	100	0	256-QAM	20.36	20.16	20.64	26.81	0.4797
10+20	1	0	1	99		18.12	17.87	18.35		
10+20	1	49	1	0		20.51	20.39	20.81		
20+5	100	0	25	0	QPSK	24.14	24.31	24.75	32.49	1.7742
20+5	1	0	1	24		17.85	17.90	18.36		
20+5	1	99	1	0		26.13	26.37	26.49		
20+5	100	0	25	0	16-QAM	23.20	23.39	23.79	31.51	1.4158
20+5	1	0	1	24		18.25	18.31	18.85		
20+5	1	99	1	0		25.11	25.27	25.51		
20+5	100	0	25	0	64-QAM	23.19	23.41	23.77	30.06	1.0139
20+5	1	0	1	24		18.25	18.31	18.78		
20+5	1	99	1	0		23.69	23.84	24.06		
20+5	100	0	25	0	256-QAM	20.32	20.49	20.80	26.95	0.4955
20+5	1	0	1	24		18.09	18.08	18.62		
20+5	1	99	1	0		20.55	20.76	20.95		
Limit	EIRP < 2W					Result			Pass	

LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 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	24.15	24.25	24.76	32.56	1.8030
5+20	1	0	1	99		17.83	17.82	18.30		
5+20	1	24	1	0		25.94	26.04	26.56		
5+20	25	0	100	0	16-QAM	23.23	23.28	23.82	31.61	1.4488
5+20	1	0	1	99		18.24	18.30	18.78		
5+20	1	24	1	0		24.94	25.14	25.61		
5+20	25	0	100	0	64-QAM	23.23	23.28	23.81	30.11	1.0257
5+20	1	0	1	99		18.13	18.30	18.77		
5+20	1	24	1	0		23.64	23.71	24.11		
5+20	25	0	100	0	256-QAM	20.25	20.33	20.83	27.05	0.5070
5+20	1	0	1	99		17.93	18.04	18.60		
5+20	1	24	1	0		20.57	20.57	21.05		
15+10	75	0	50	0	QPSK	24.19	24.29	24.52	32.3	1.6788
15+10	1	0	1	49		17.83	17.86	18.08		
15+10	1	74	1	0		25.98	26.25	26.25		
15+10	75	0	50	0	16-QAM	23.25	23.35	23.57	31.19	1.3152
15+10	1	0	1	49		18.30	18.39	18.57		
15+10	1	74	1	0		24.95	25.11	25.19		
15+10	75	0	50	0	64-QAM	23.23	23.40	23.52	29.85	0.9661
15+10	1	0	1	49		18.25	18.31	18.61		
15+10	1	74	1	0		23.53	23.85	23.82		
15+10	75	0	50	0	256-QAM	20.31	20.42	20.59	26.67	0.4645
15+10	1	0	1	49		18.10	18.10	18.23		
15+10	1	74	1	0		20.56	20.67	20.66		
10+15	50	0	75	0	QPSK	24.24	24.28	24.75	32.45	1.7579
10+15	1	0	1	74		17.89	17.91	18.37		
10+15	1	49	1	0		25.96	26.01	26.45		
10+15	50	0	75	0	16-QAM	23.31	23.31	23.84	31.67	1.4689
10+15	1	0	1	74		18.47	18.37	18.84		
10+15	1	49	1	0		25.17	25.08	25.67		
10+15	50	0	75	0	64-QAM	23.28	23.34	23.83	30.07	1.0162
10+15	1	0	1	74		18.31	18.31	18.88		
10+15	1	49	1	0		23.49	23.64	24.07		
10+15	50	0	75	0	256-QAM	20.33	20.35	20.87	27.05	0.5070
10+15	1	0	1	74		18.12	18.17	18.56		
10+15	1	49	1	0		20.44	20.53	21.05		
Limit	EIRP < 2W					Result			Pass	

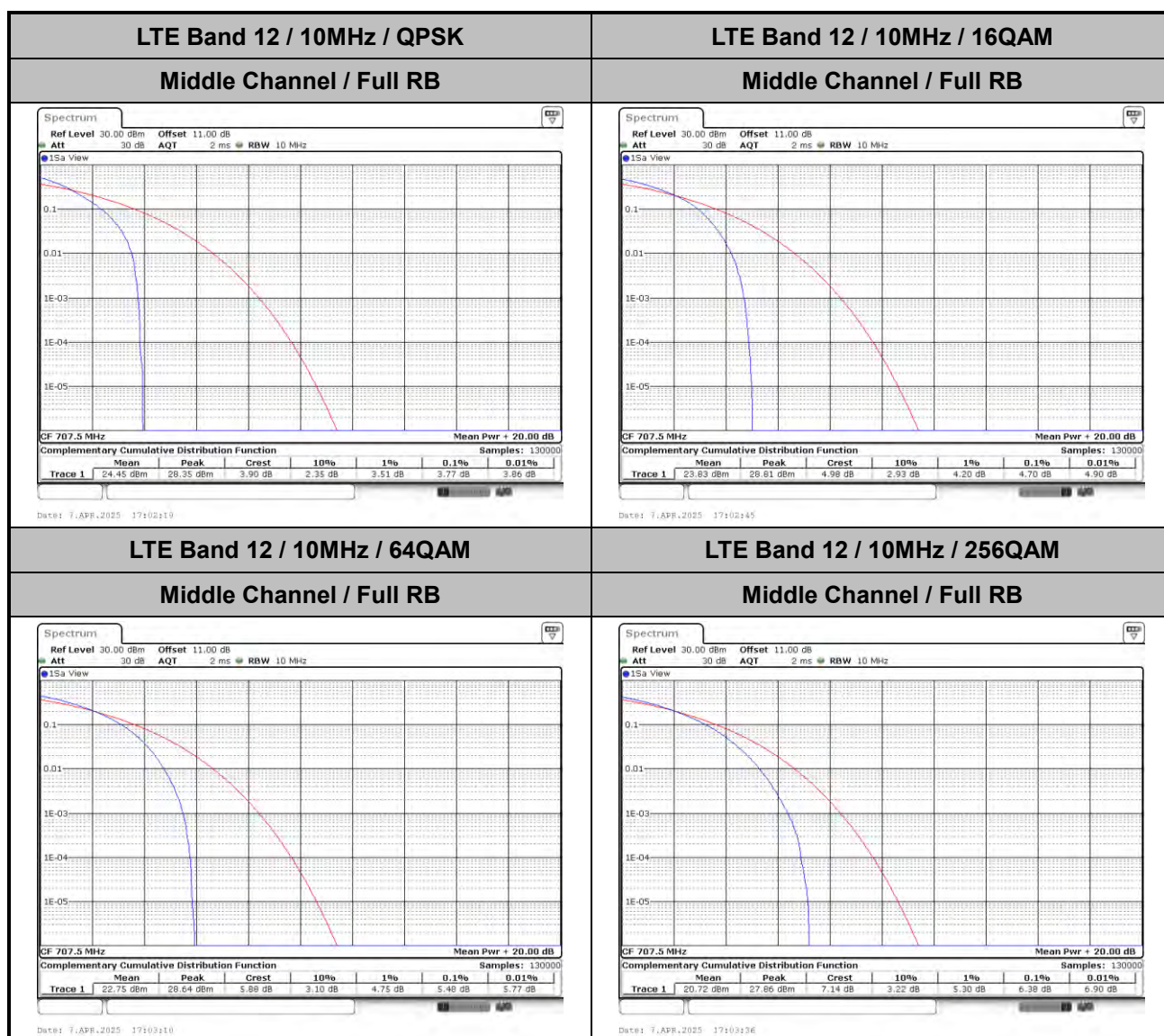
LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	24.20	24.00	24.42	32.20	1.6596
15+15	1	0	1	74		17.79	17.56	18.00		
15+15	1	74	1	0		25.95	25.80	26.20		
15+15	75	0	75	0	16-QAM	23.23	23.06	23.49	31.36	1.3677
15+15	1	0	1	74		18.30	18.04	18.52		
15+15	1	74	1	0		25.08	24.85	25.36		
15+15	75	0	75	0	64-QAM	23.25	23.00	23.47	29.73	0.9397
15+15	1	0	1	74		18.25	17.91	18.47		
15+15	1	74	1	0		23.53	23.35	23.73		
15+15	75	0	75	0	256-QAM	20.35	20.15	20.57	26.62	0.4592
15+15	1	0	1	74		18.05	17.77	18.36		
15+15	1	74	1	0		20.51	20.20	20.62		
Limit	EIRP < 2W					Result			Pass	



LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.77	4.70	5.48	6.38	PASS



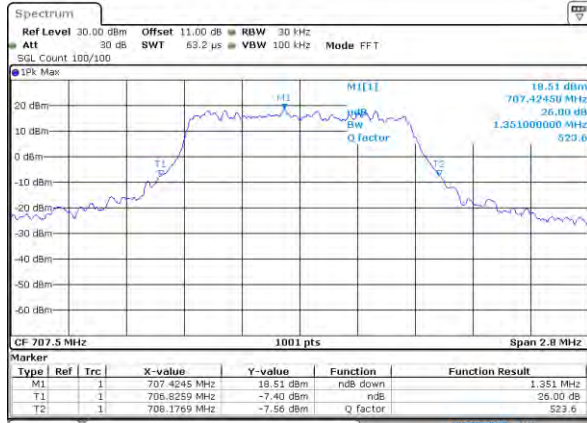
**26dB Bandwidth**

Mode	LTE Band 12 : 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	1.35	1.38	3.05	3.09	4.93	5.13	9.75	9.77	-	-	-	-
Mode	LTE Band 12 : 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	1.36	1.35	3.10	3.09	4.95	4.99	9.75	9.95	-	-	-	-

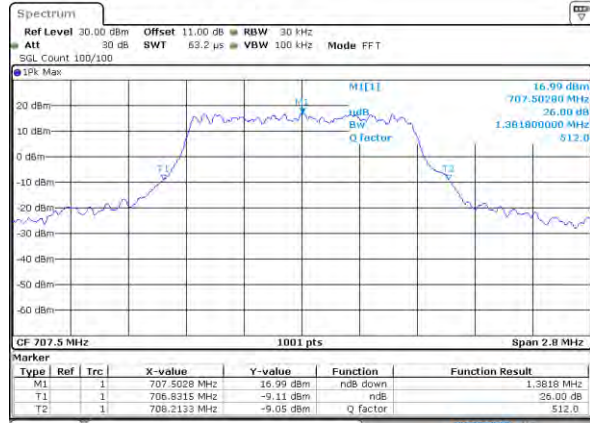


LTE Band 12

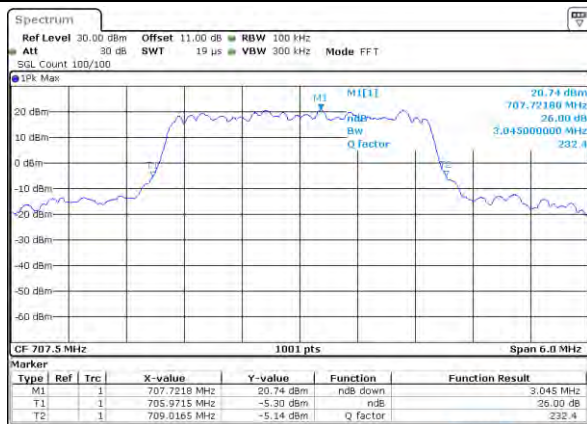
Middle Channel / 1.4MHz / QPSK



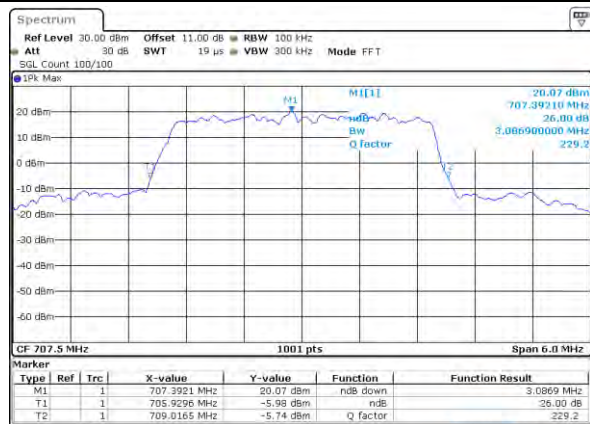
Middle Channel / 1.4MHz / 16QAM



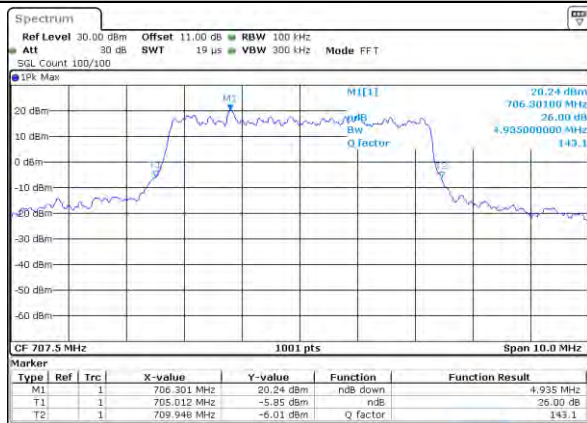
Middle Channel / 3MHz / QPSK



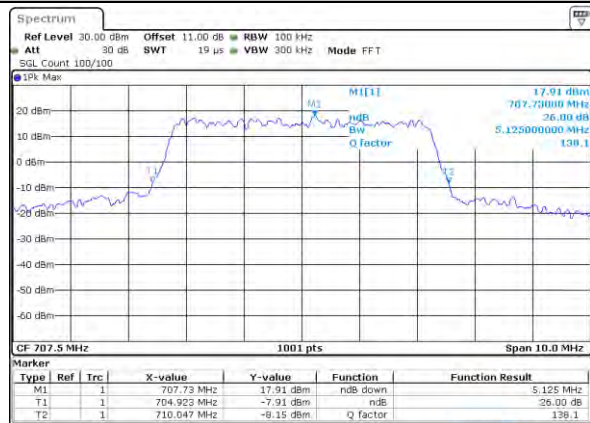
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



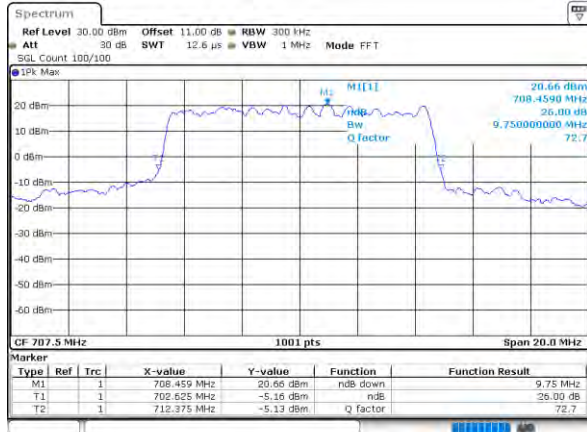
Middle Channel / 5MHz / 16QAM



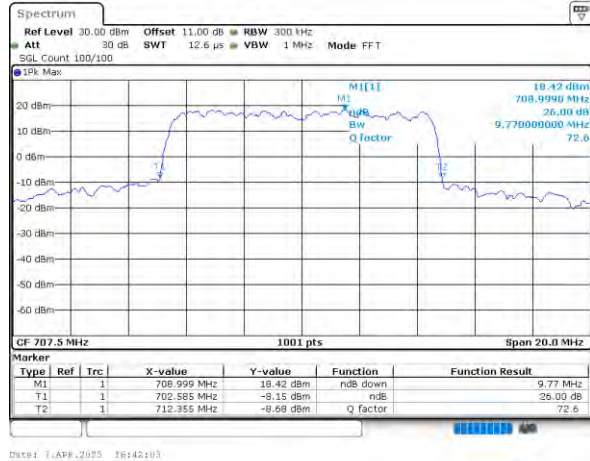


LTE Band 12

Middle Channel / 10MHz / QPSK

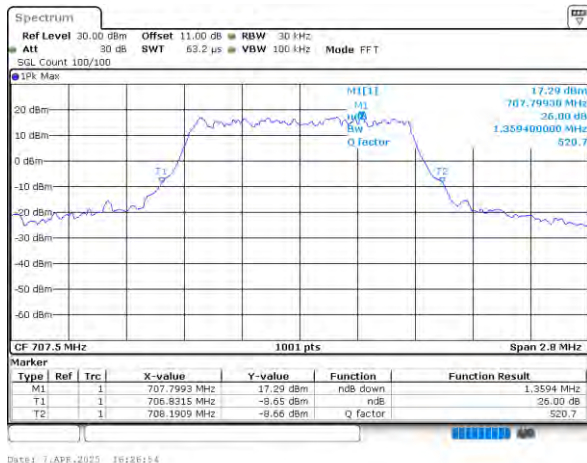


Middle Channel / 10MHz / 16QAM

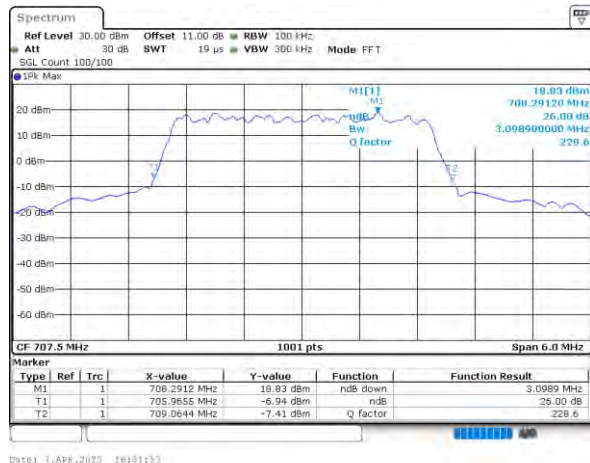


LTE Band 12

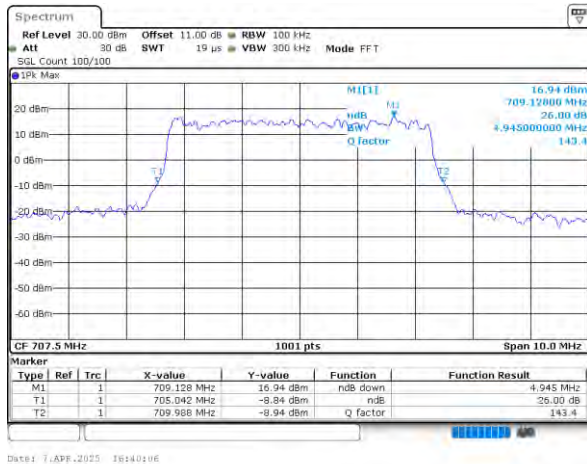
Middle Channel / 1.4MHz / 64QAM



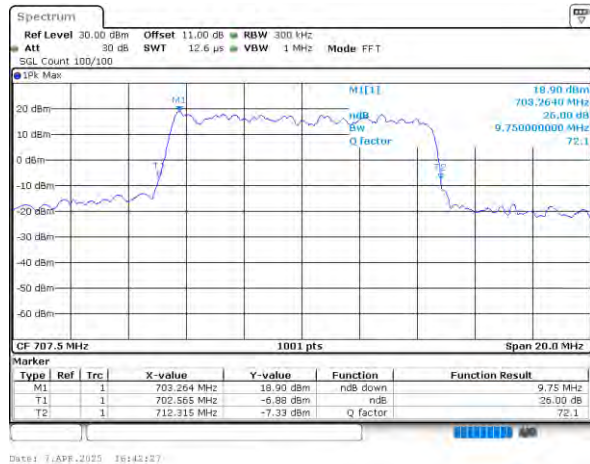
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



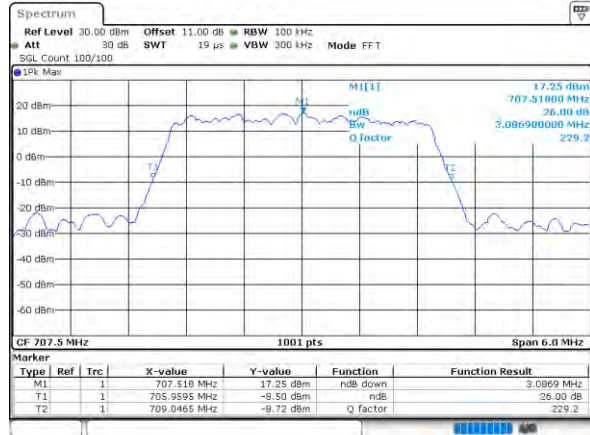


LTE Band 12

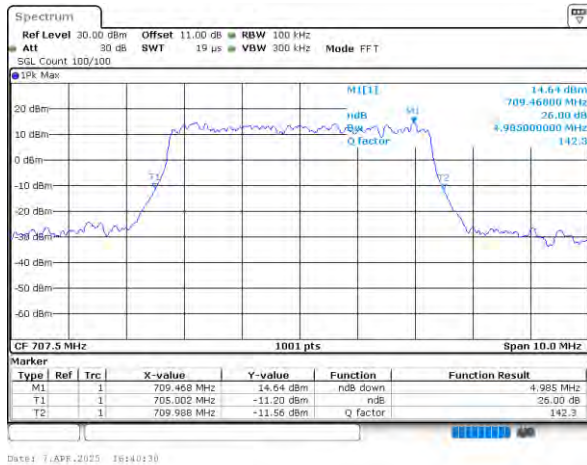
Middle Channel / 1.4MHz / 256QAM



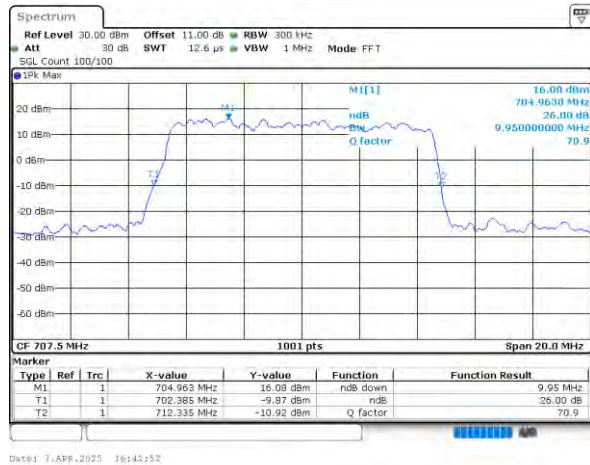
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



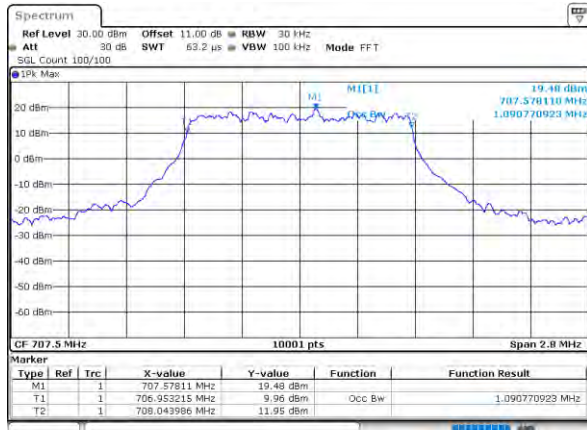
**Occupied Bandwidth**

Mode	LTE Band 12 : 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	2.72	2.75	4.52	4.49	9.05	9.06	-	-	-	-
Mode	LTE Band 12 : 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	1.10	1.11	2.73	2.72	4.51	4.52	9.04	9.06	-	-	-	-

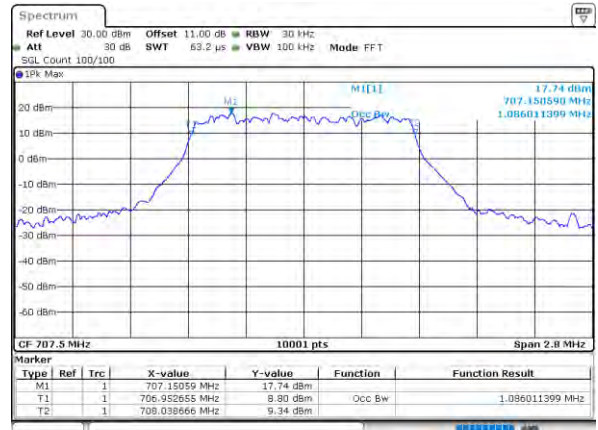


LTE Band 12

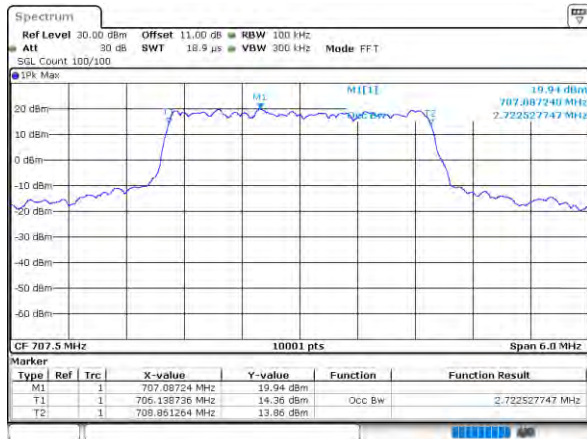
Middle Channel / 1.4MHz / QPSK



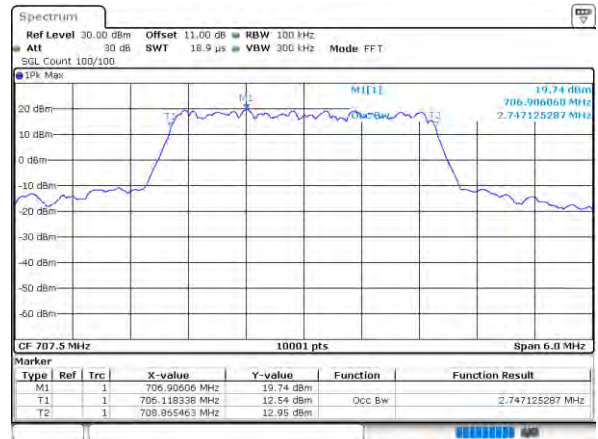
Middle Channel / 1.4MHz / 16QAM



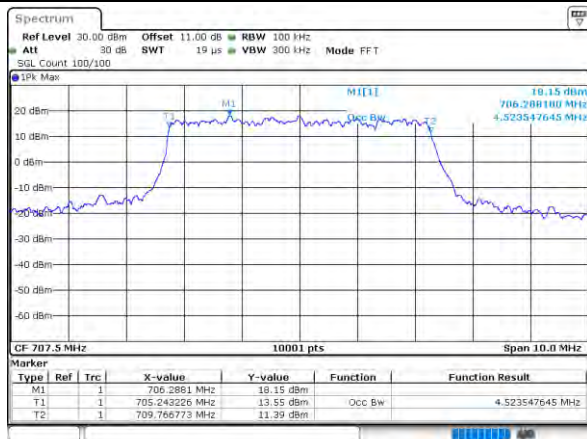
Middle Channel / 3MHz / QPSK



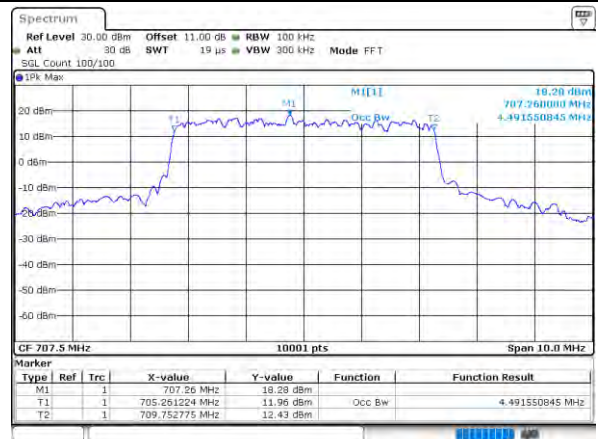
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



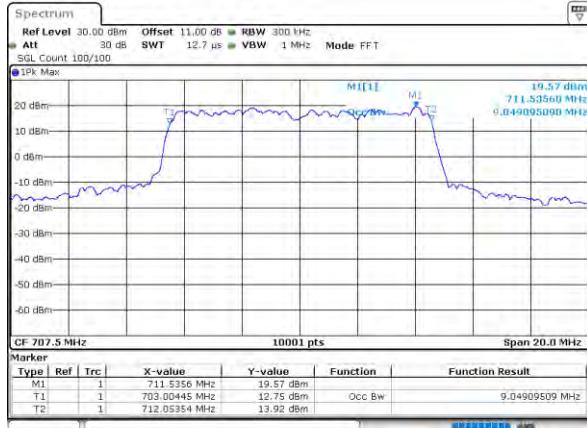
Middle Channel / 5MHz / 16QAM





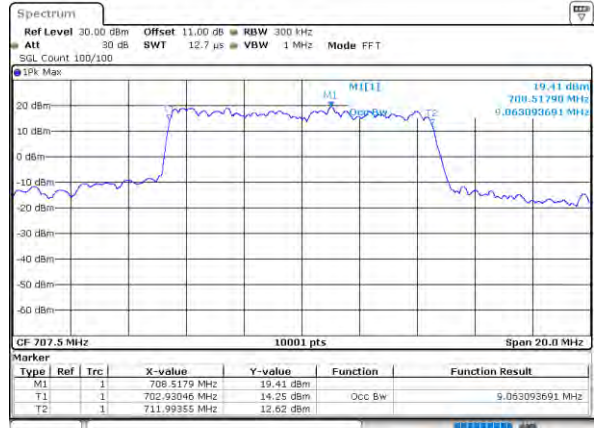
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 7.APR.2025 16:22:47

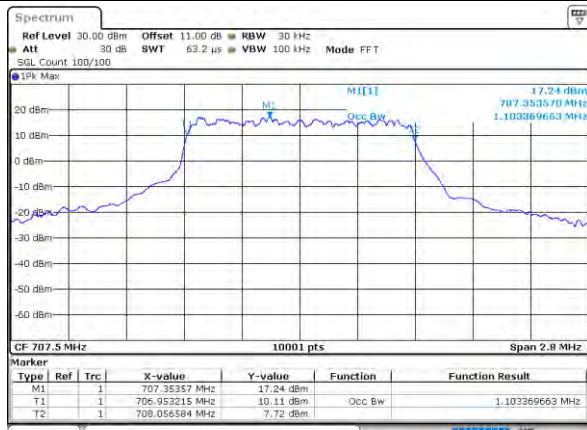
Middle Channel / 10MHz / 16QAM



Date: 7.APR.2025 16:23:11

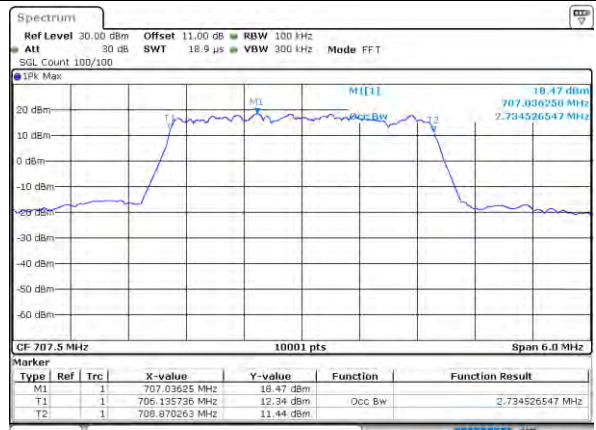
LTE Band 12

Middle Channel / 1.4MHz / 64QAM



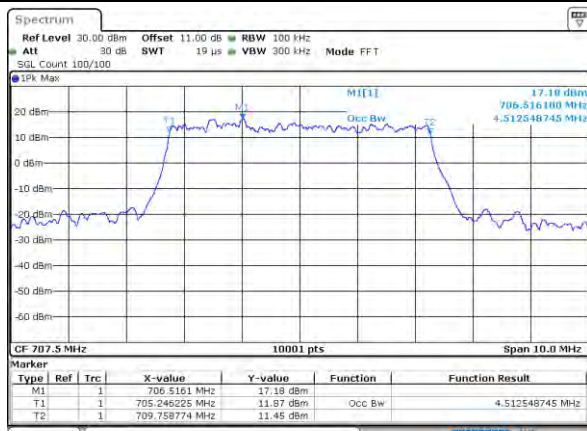
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Middle Channel / 3MHz / 64QAM



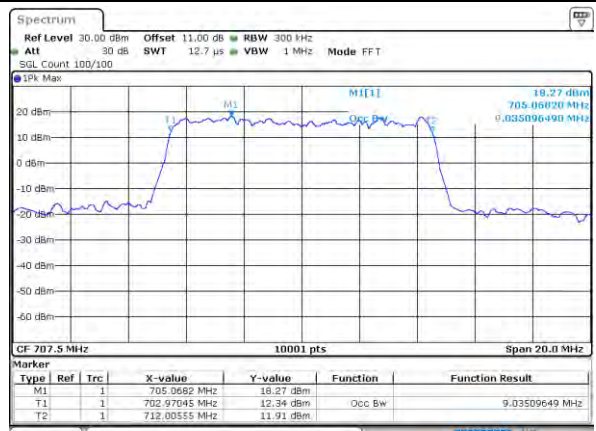
Date: 7.APR.2025 16:17:02

Middle Channel / 5MHz / 64QAM



Date: 7.APR.2025 16:21:55

Middle Channel / 10MHz / 64QAM

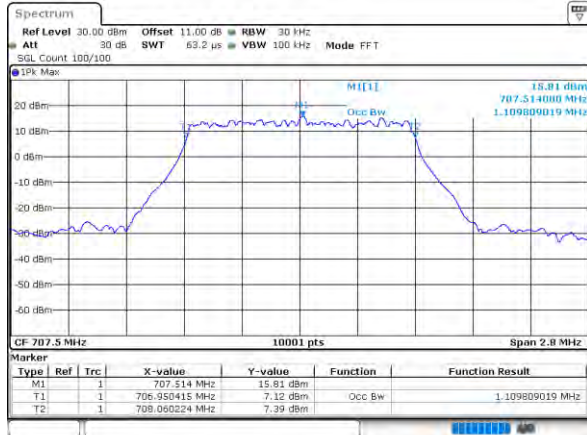


Date: 7.APR.2025 16:23:16

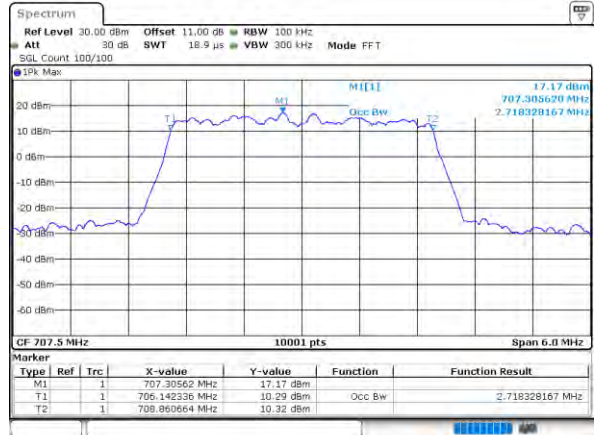


LTE Band 12

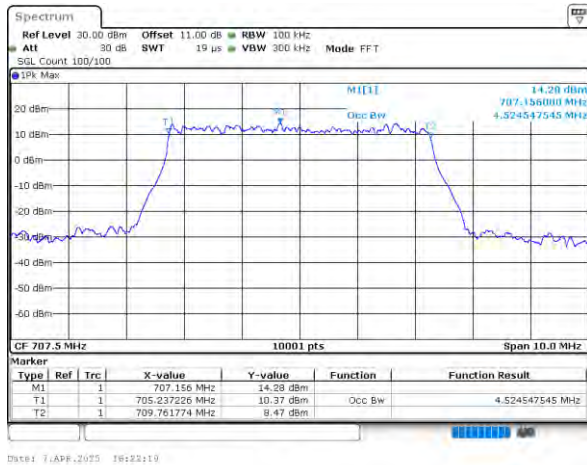
Middle Channel / 1.4MHz / 256QAM



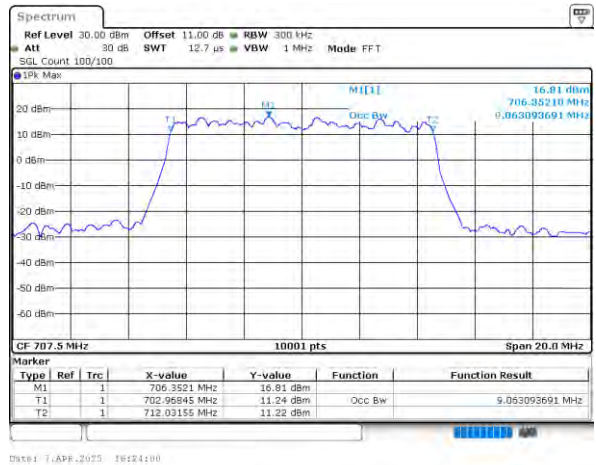
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

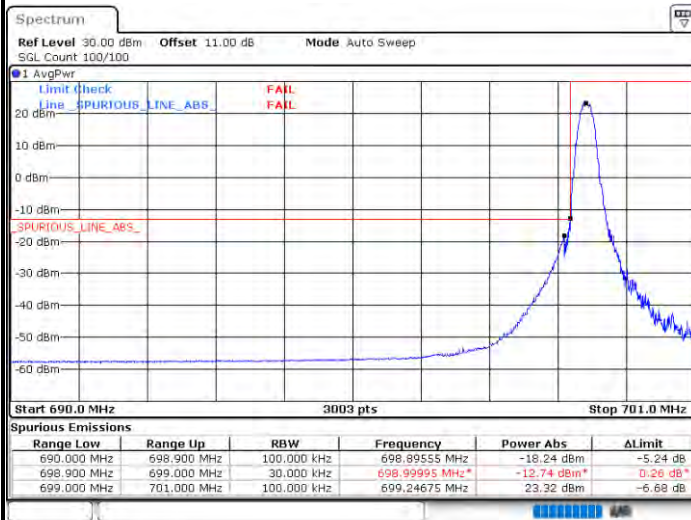


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

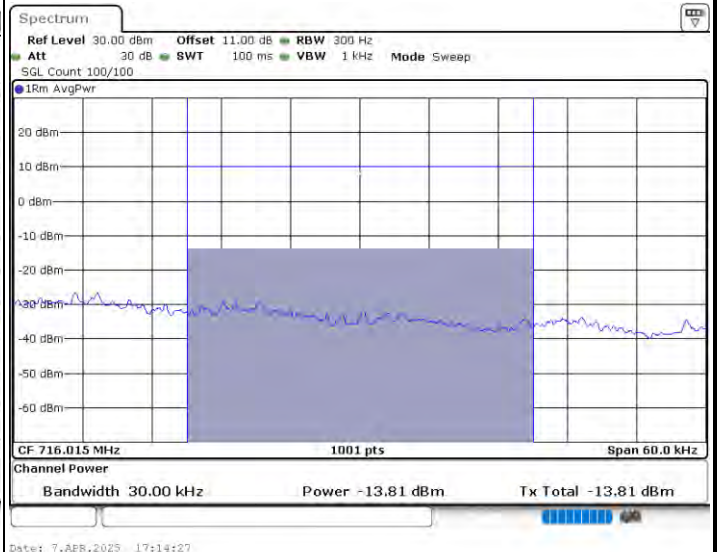


LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB







LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

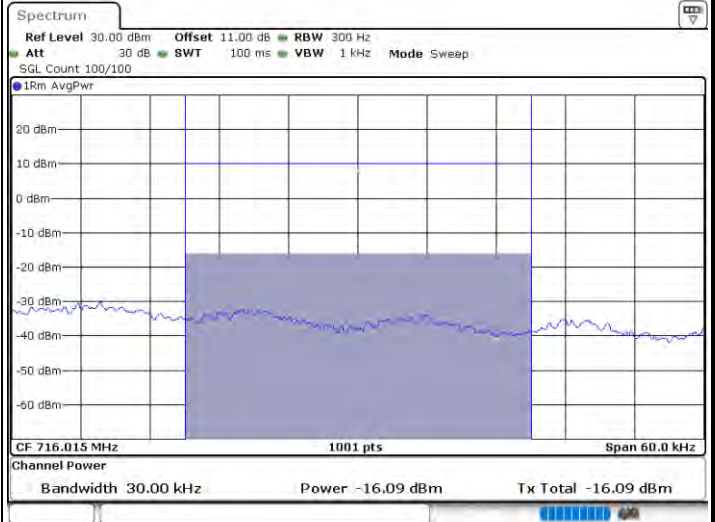


Date: 7.APR.2025 15:20:22

Highest Band Edge / 1 RB



Date: 7.APR.2025 15:29:49



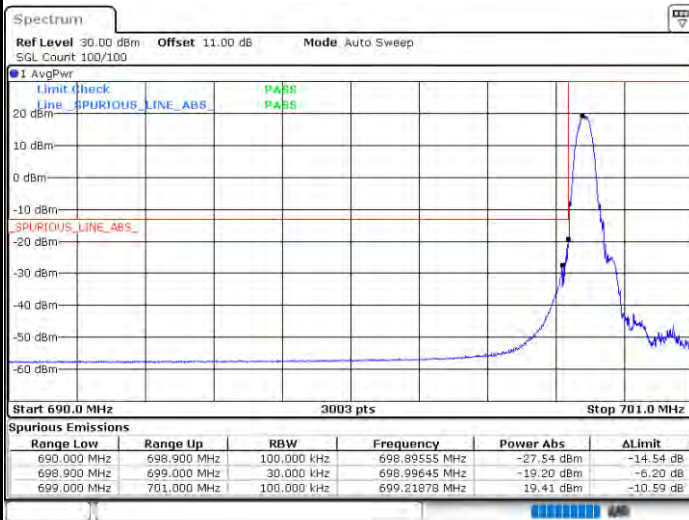
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LTE Band 12 / 1.4MHz / 256QAM

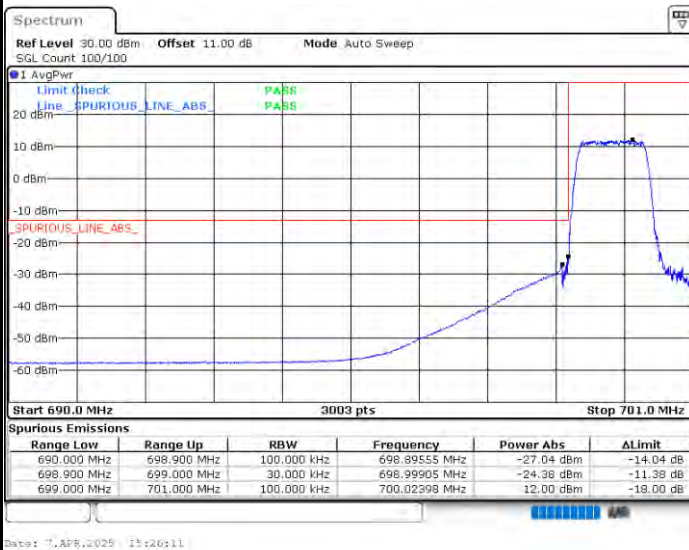
Lowest Band Edge / 1 RB



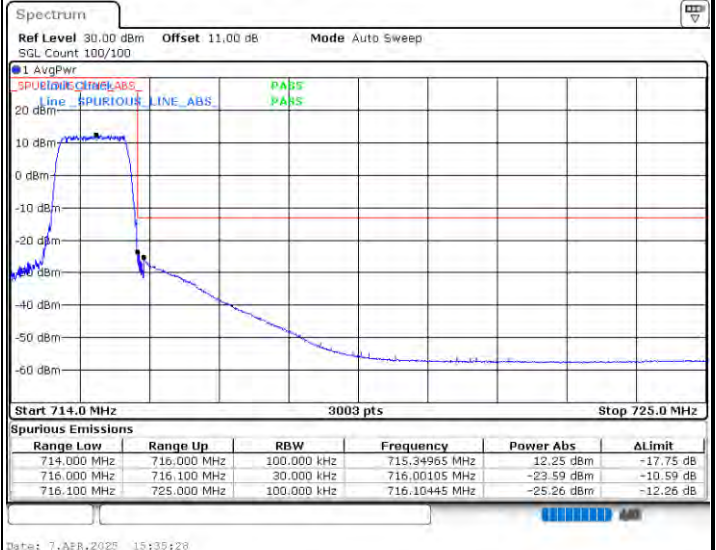
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



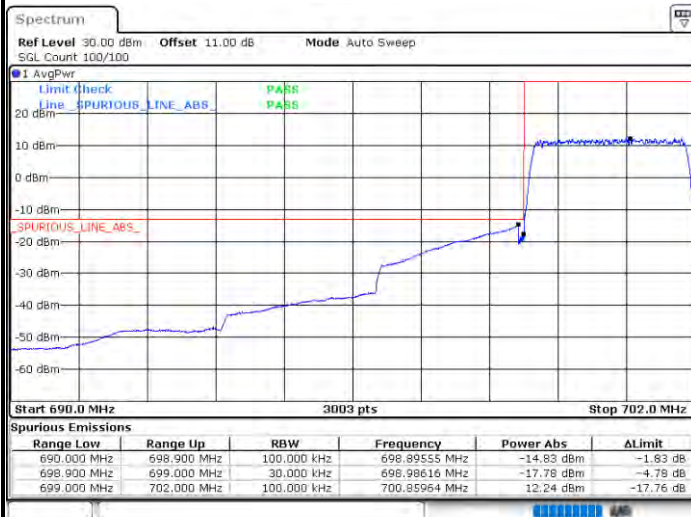
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / Full RB

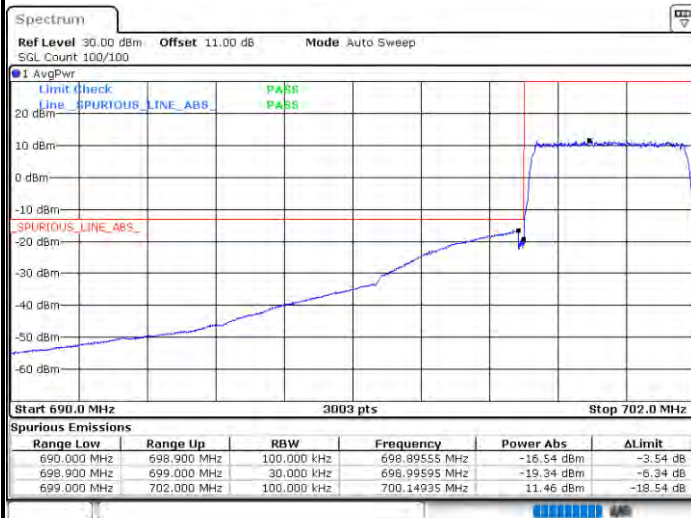


Highest Band Edge / Full RB



LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / Full RB



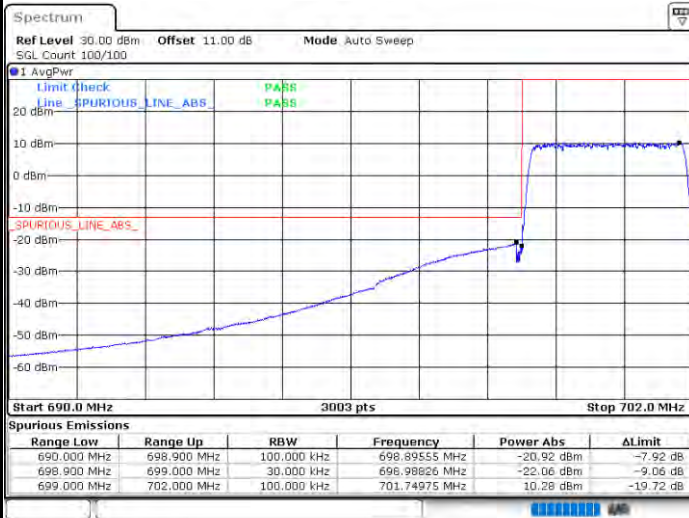
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / Full RB

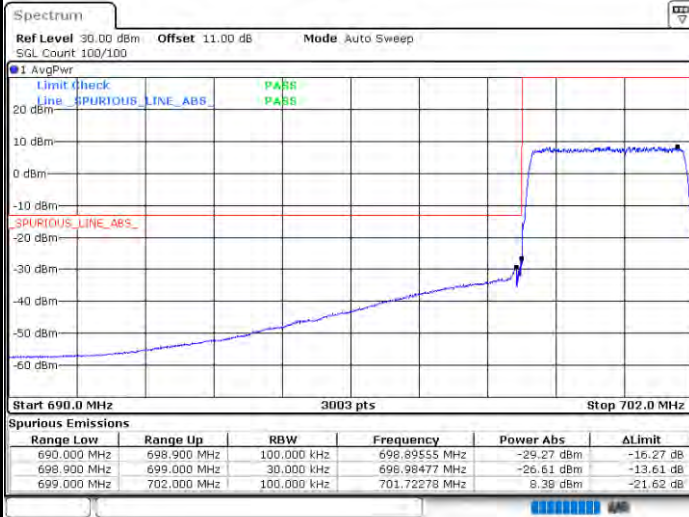


Highest Band Edge / Full RB



LTE Band 12 / 3MHz / 256QAM

Lowest Band Edge / Full RB



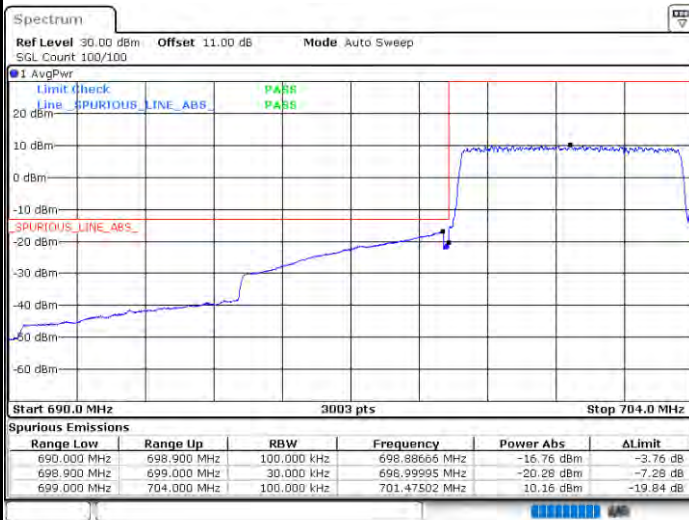
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / Full RB

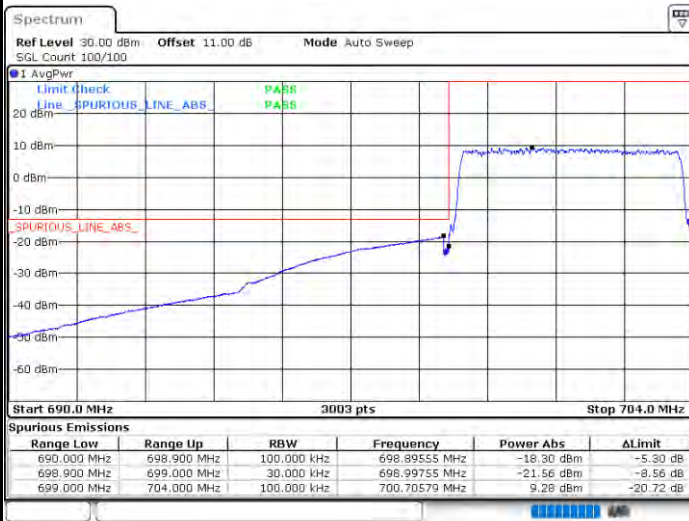


Highest Band Edge / Full RB



LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / Full RB



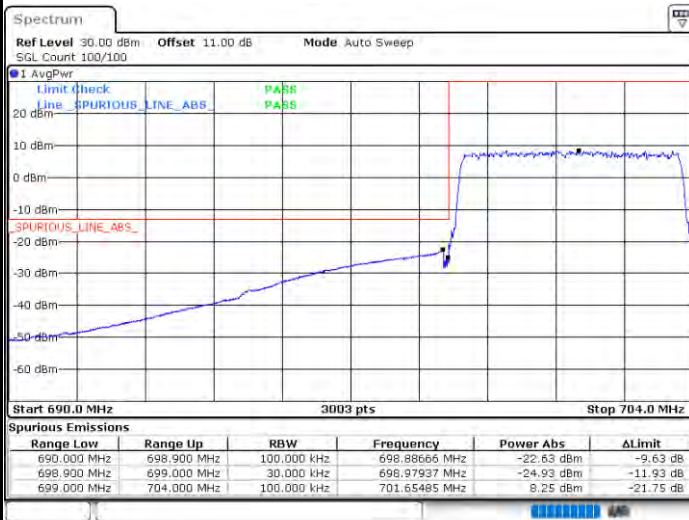
Highest Band Edge / Full RB





LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / Full RB

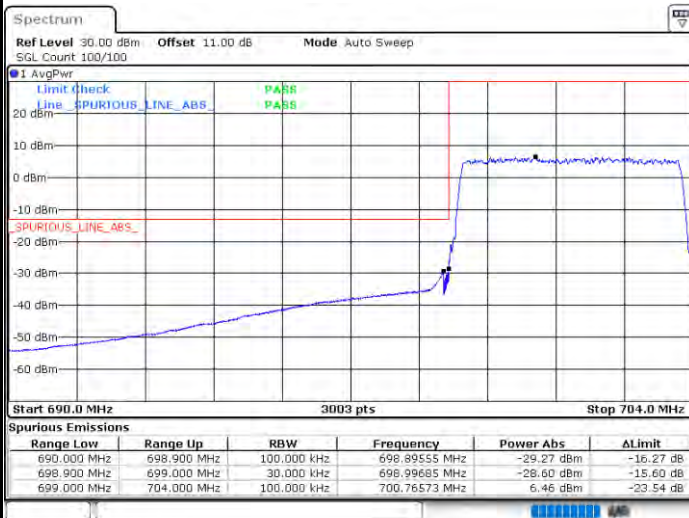


Highest Band Edge / Full RB



LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / Full RB



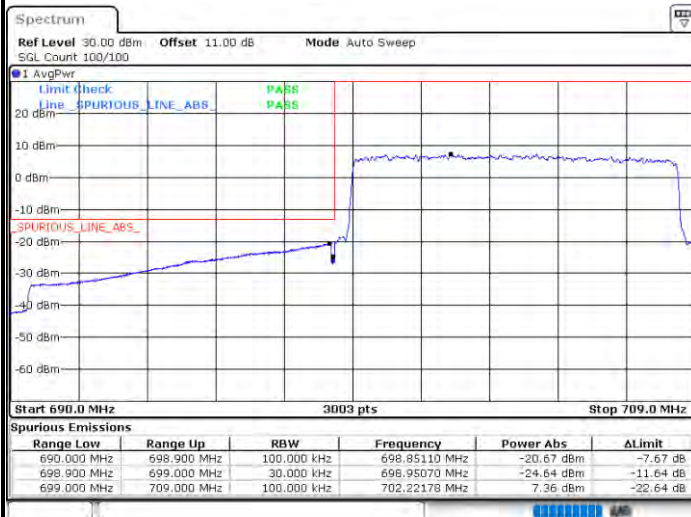
Highest Band Edge / Full RB





LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / Full RB

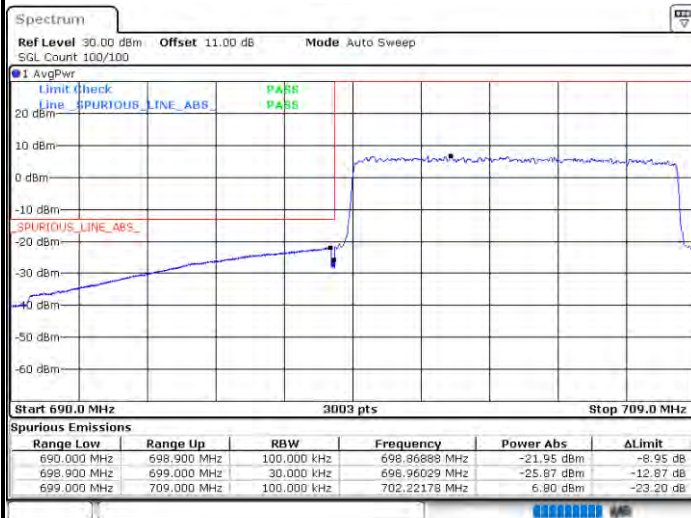


Highest Band Edge / Full RB

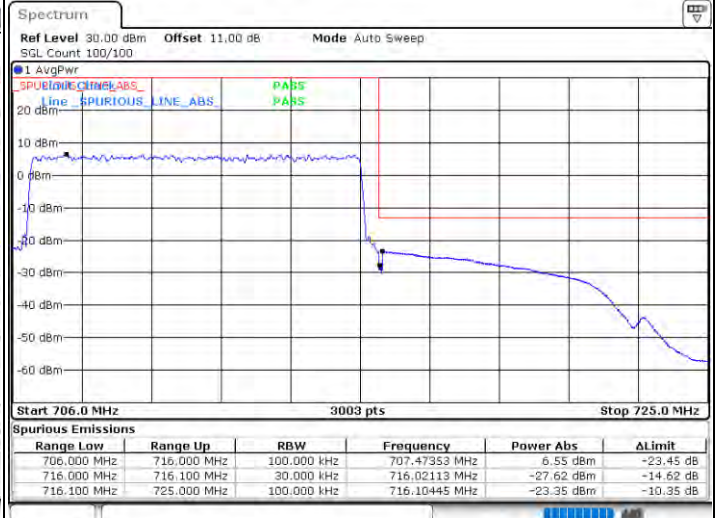


LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / Full RB



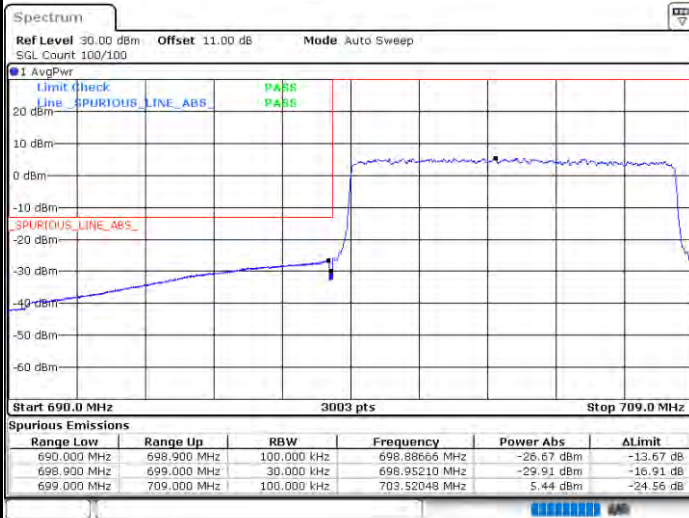
Highest Band Edge / Full RB





LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / Full RB

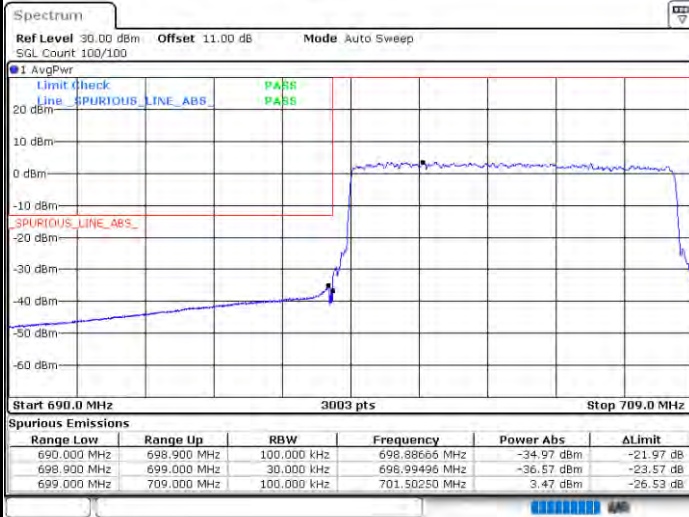


Highest Band Edge / Full RB



LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

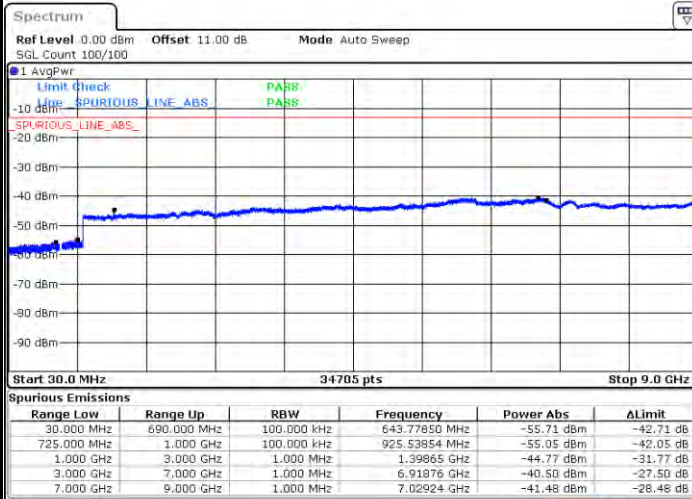




Conducted Spurious Emission

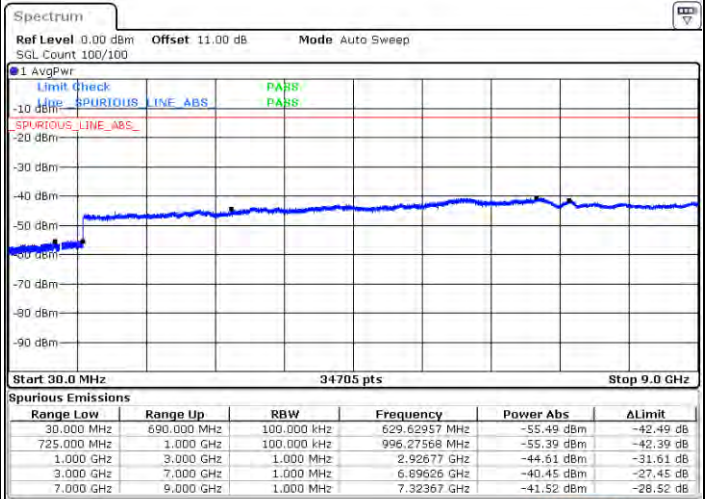
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



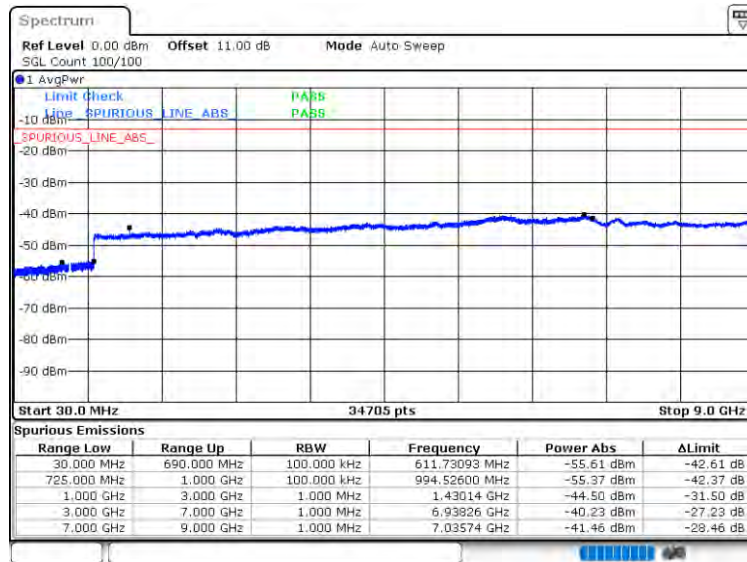
Date: 7.APR.2025 16:44:48

Middle Channel / QPSK



Date: 7.APR.2025 16:46:00

Highest Channel / QPSK

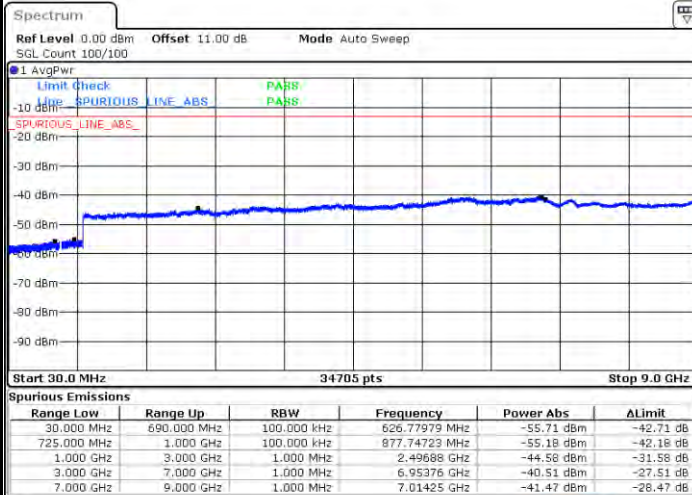


Date: 7.APR.2025 16:47:17



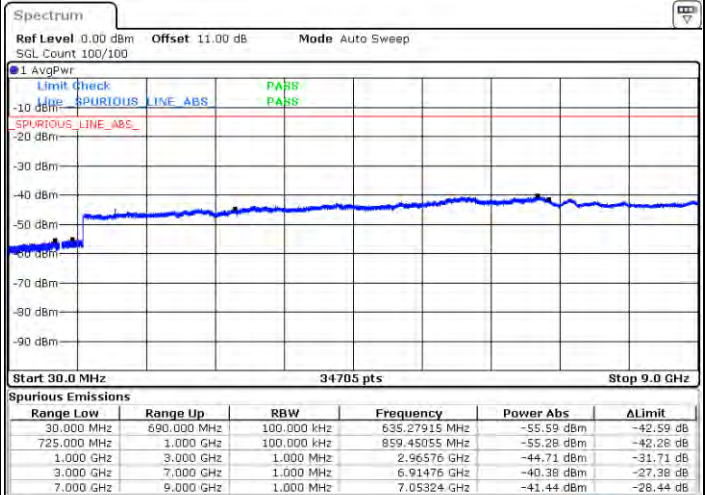
LTE Band 12 / 3MHz

Lowest Channel / QPSK



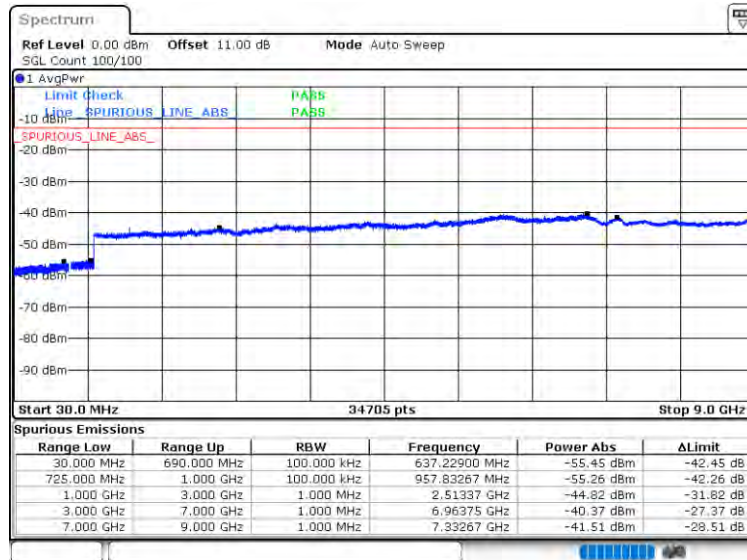
Date: 7.APR.2025 16:48:40

Middle Channel / QPSK



Date: 7.APR.2025 16:50:54

Highest Channel / QPSK

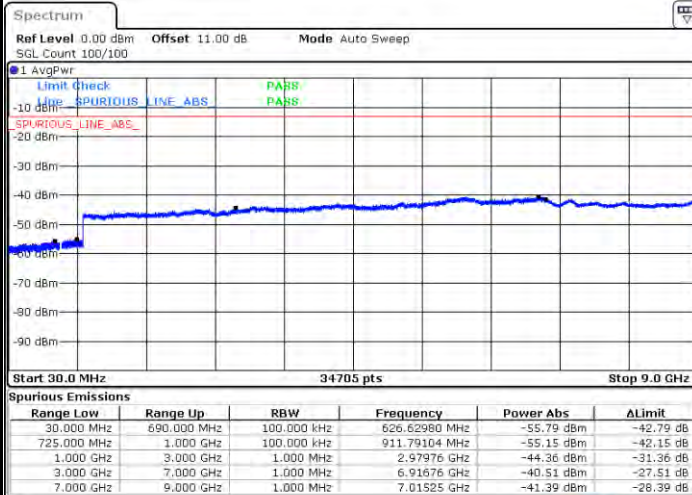


Date: 7.APR.2025 16:52:09

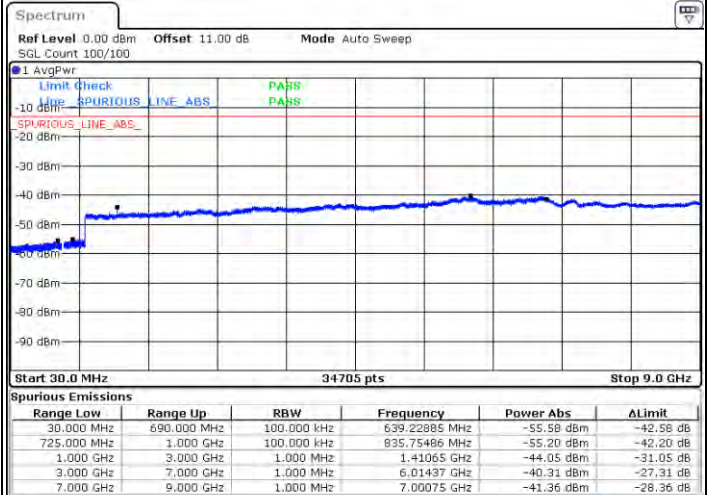


LTE Band 12 / 5MHz

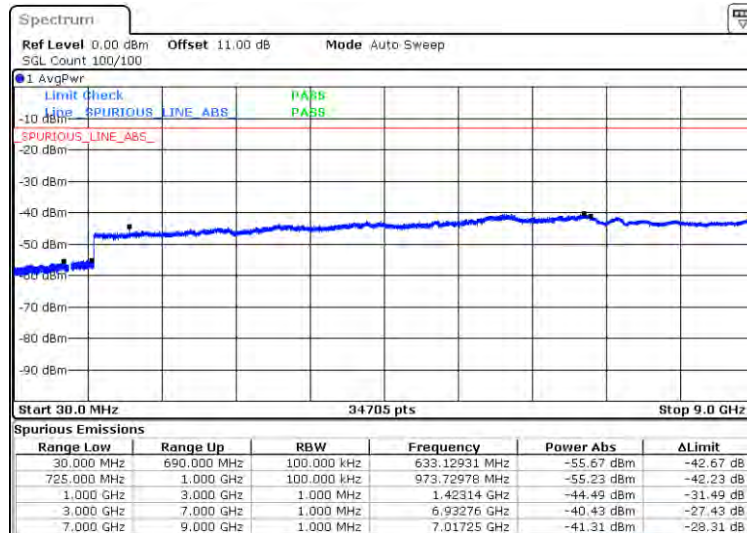
Lowest Channel / QPSK



Middle Channel / QPSK



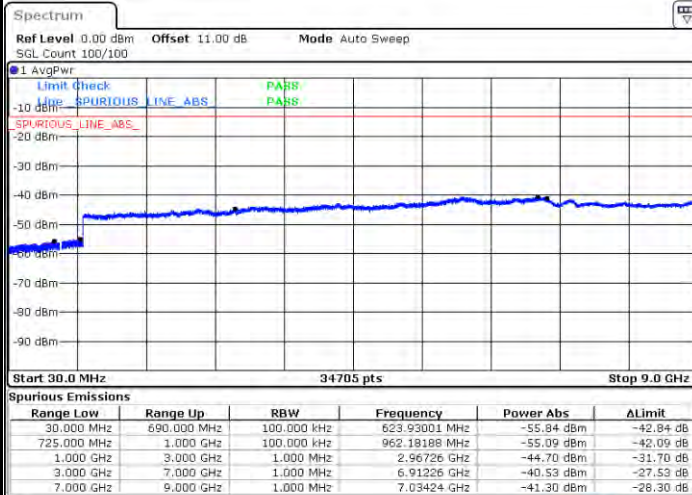
Highest Channel / QPSK



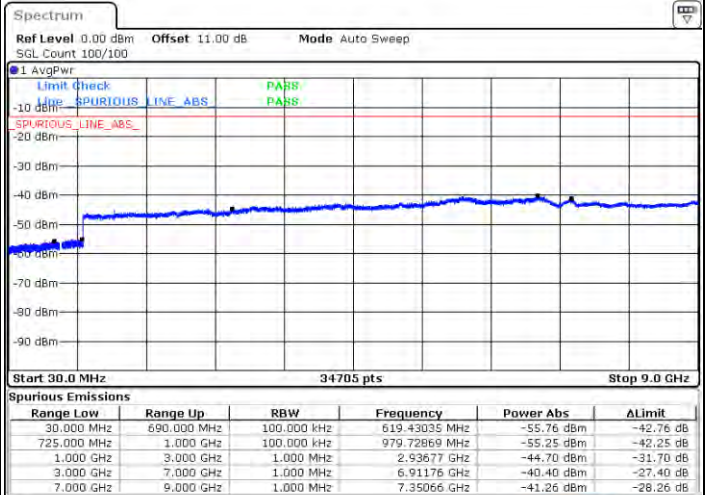


LTE Band 12 / 10MHz

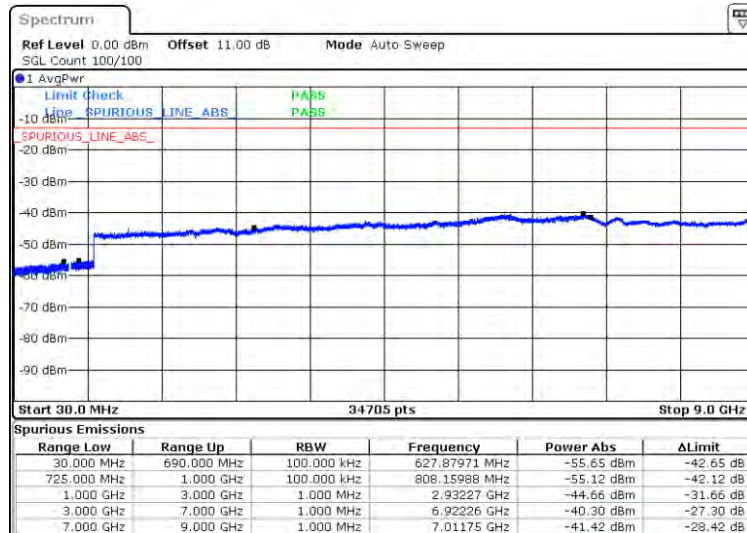
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0163	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0205	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0175	
0	Normal Voltage	0.0079	
-10	Normal Voltage	0.0143	
-20	Normal Voltage	0.0157	
-30	Normal Voltage	0.0195	
20	Maximum Voltage	0.0081	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0045	

Note:

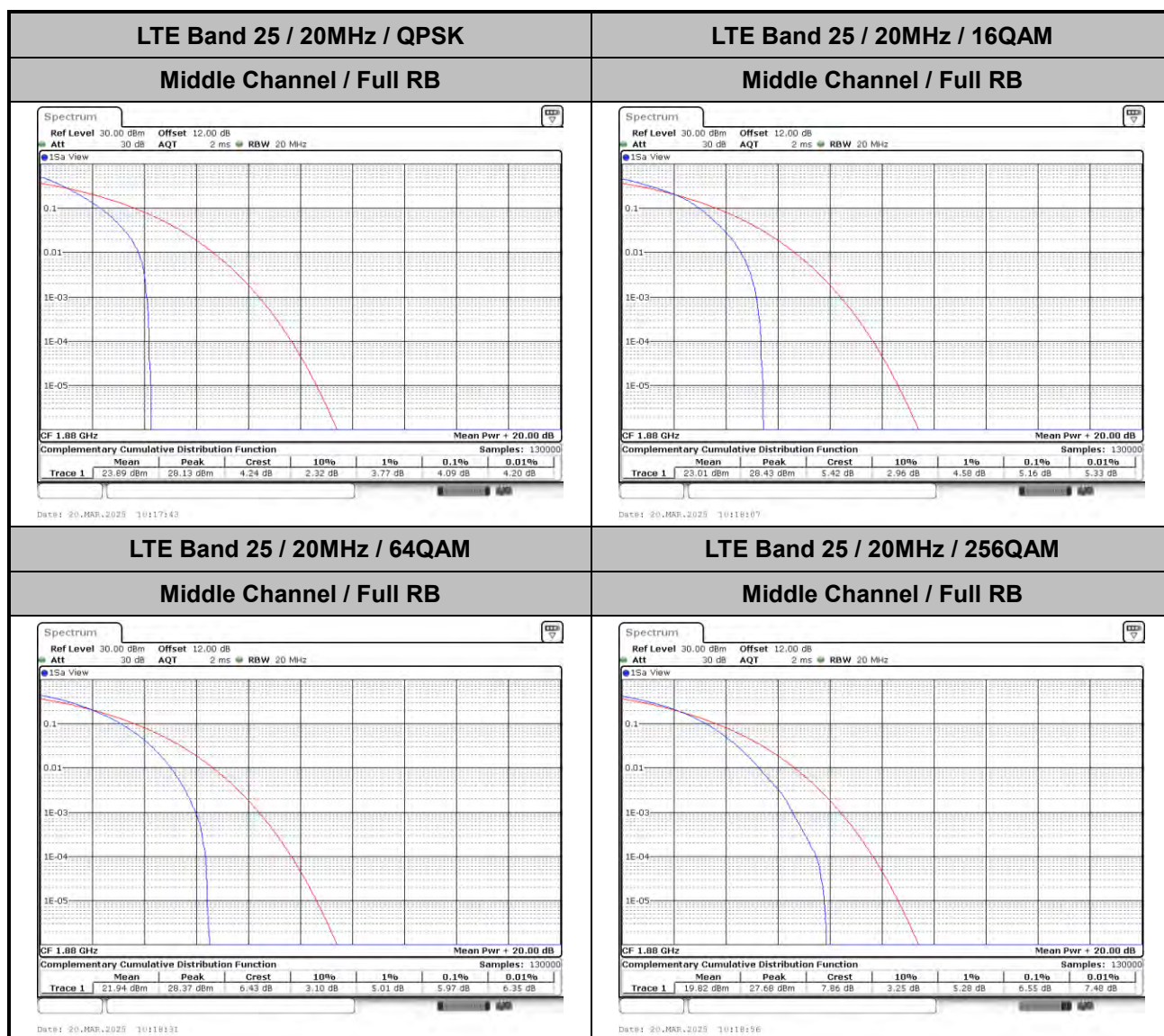
1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.3 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.09	5.16	5.97	6.55	PASS



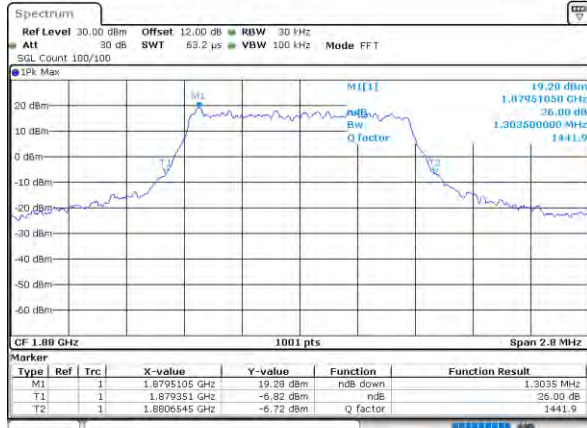
**26dB Bandwidth**

Mode	LTE Band 25 : 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	1.30	1.29	3.01	3.08	5.21	5.10	10.17	9.89	14.42	14.42	19.06	19.38
Mode	LTE Band 25 : 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	1.34	1.35	3.06	3.10	4.91	5.01	10.01	9.95	14.78	14.51	19.26	19.34

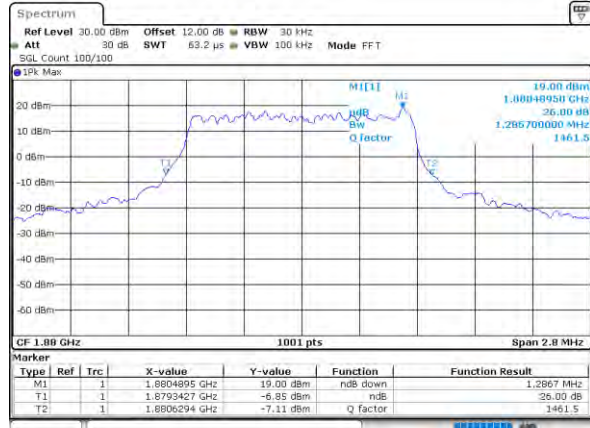


LTE Band 25

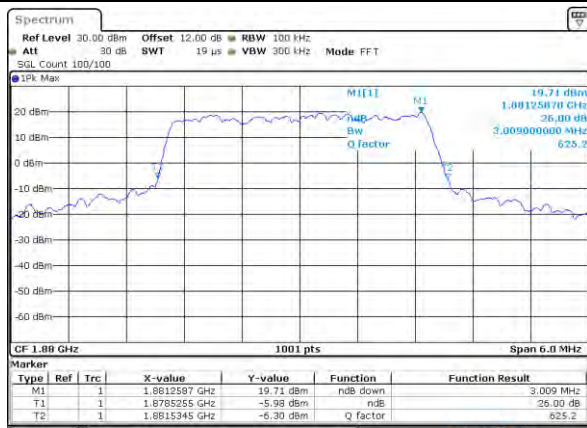
Middle Channel / 1.4MHz / QPSK



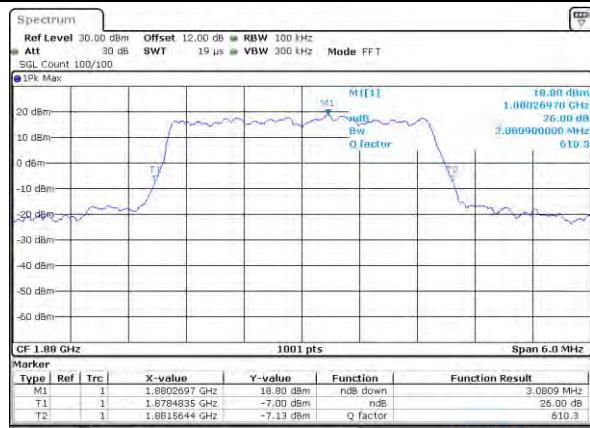
Middle Channel / 1.4MHz / 16QAM



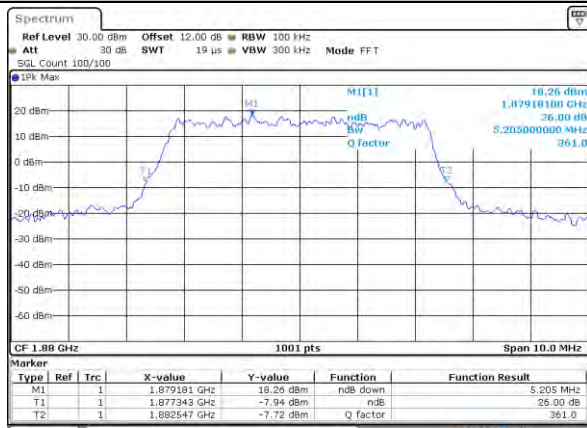
Middle Channel / 3MHz / QPSK



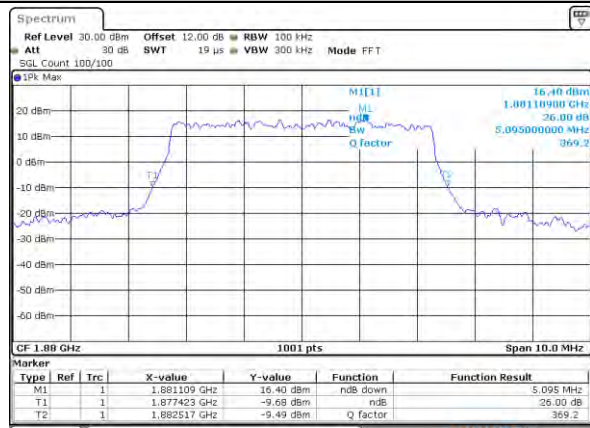
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



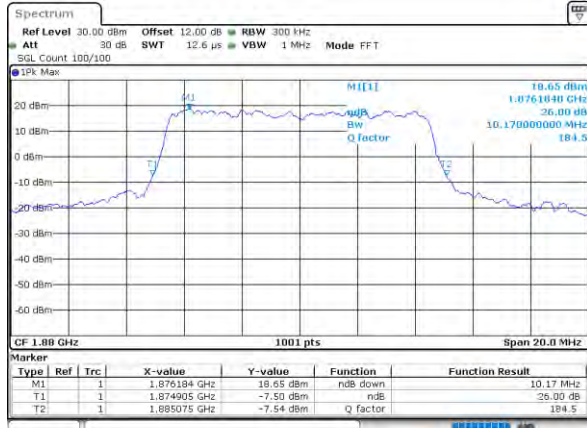
Middle Channel / 5MHz / 16QAM



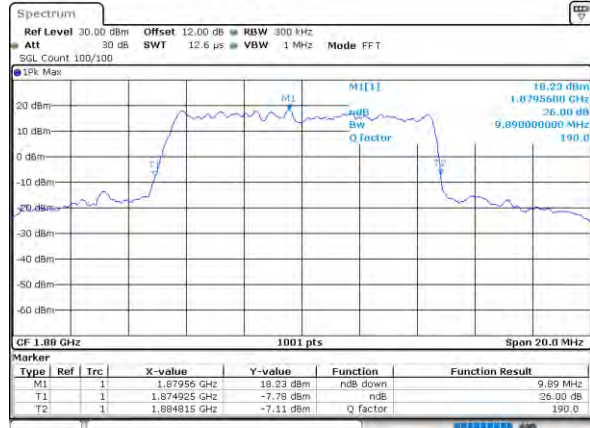


LTE Band 25

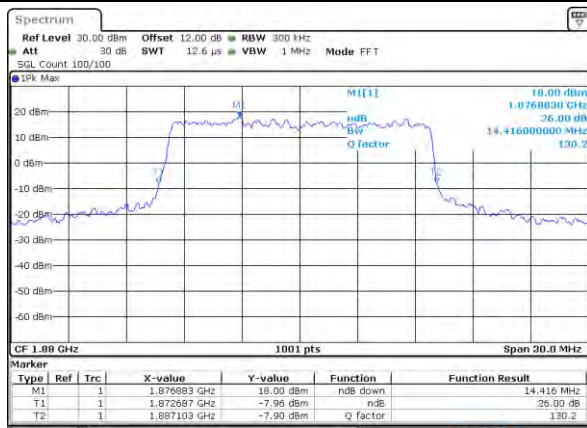
Middle Channel / 10MHz / QPSK



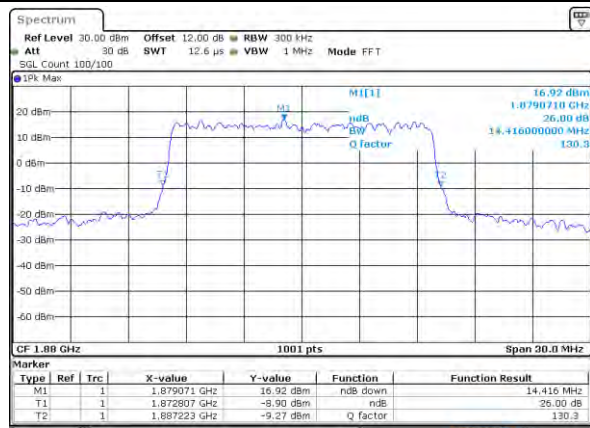
Middle Channel / 10MHz / 16QAM



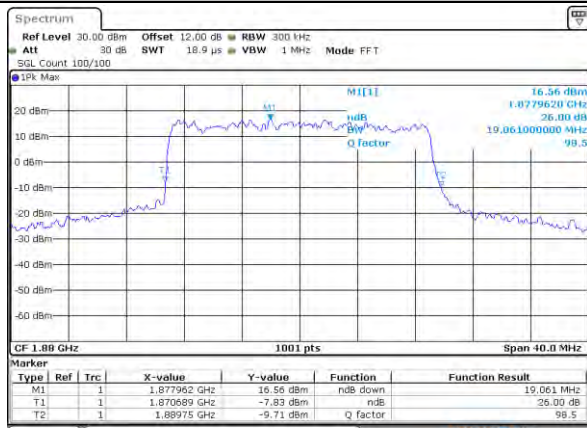
Middle Channel / 15MHz / QPSK



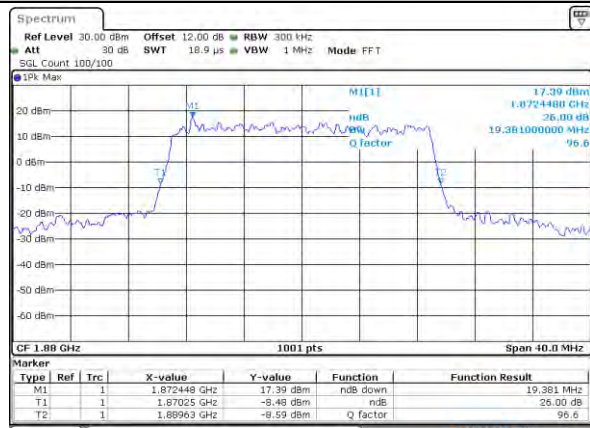
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



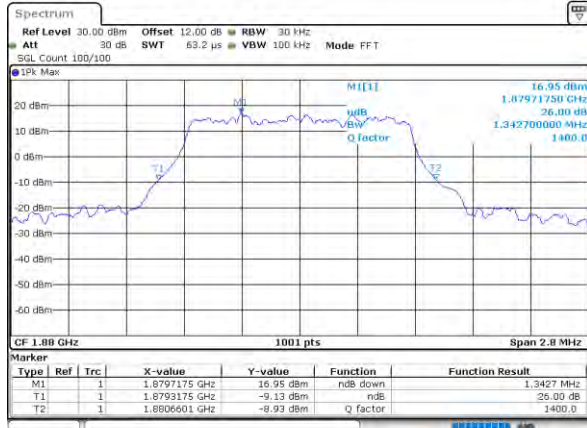
Middle Channel / 20MHz / 16QAM



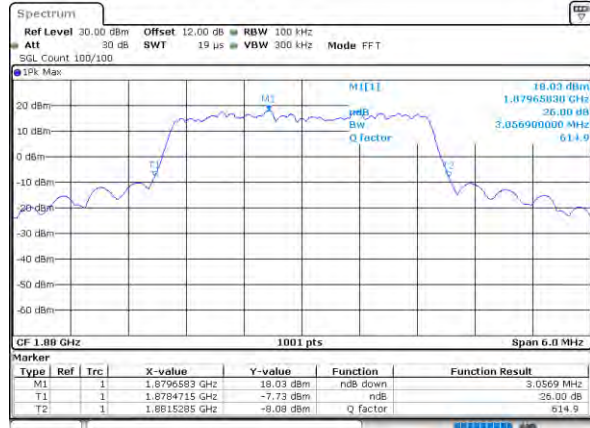


LTE Band 25

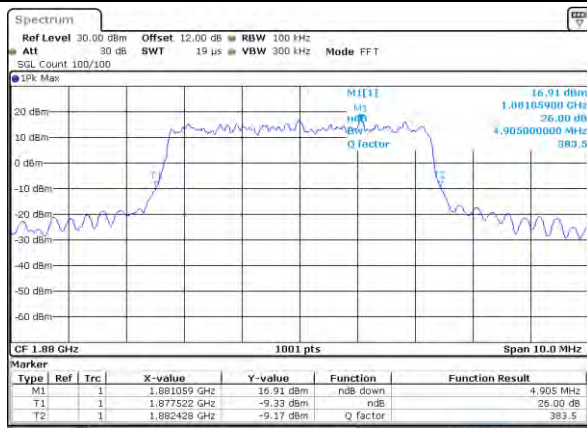
Middle Channel / 1.4MHz / 64QAM



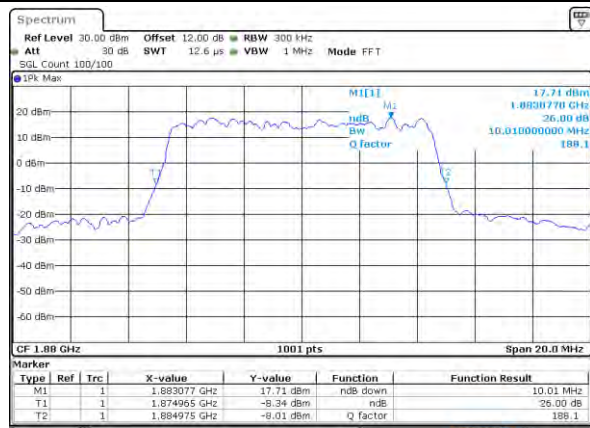
Middle Channel / 3MHz / 64QAM



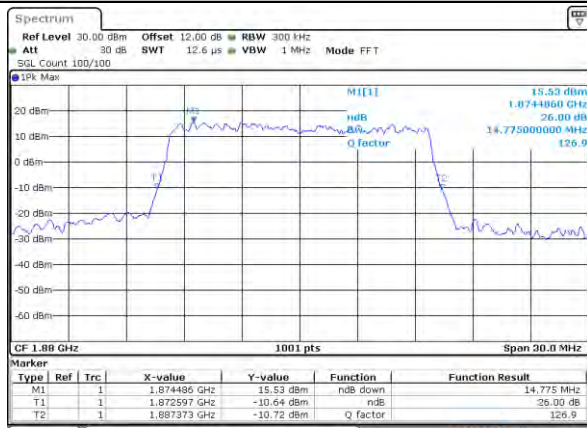
Middle Channel / 5MHz / 64QAM



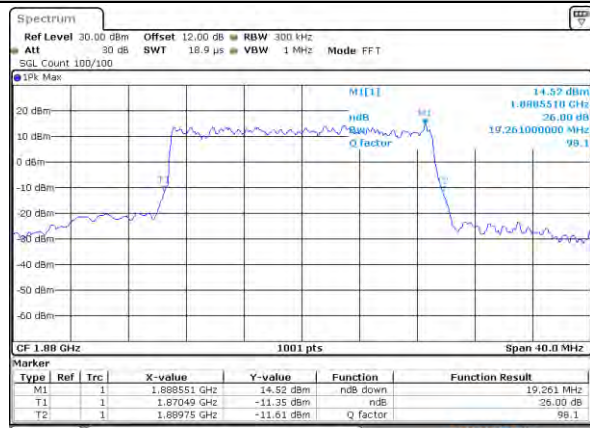
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



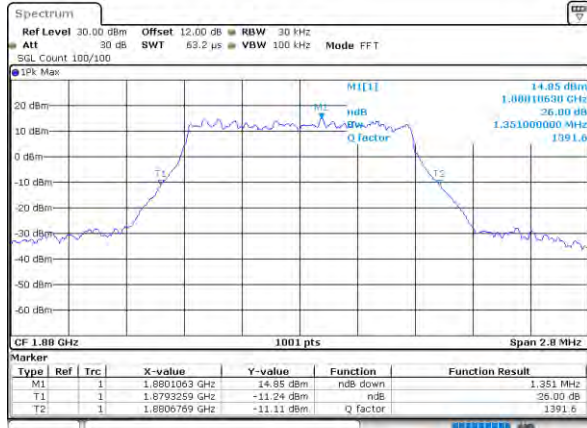
Middle Channel / 20MHz / 64QAM



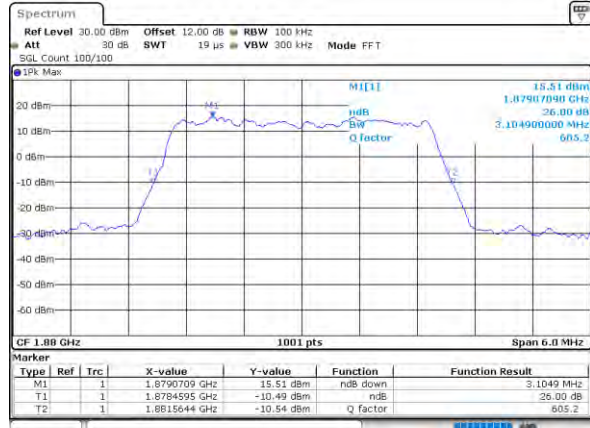


LTE Band 25

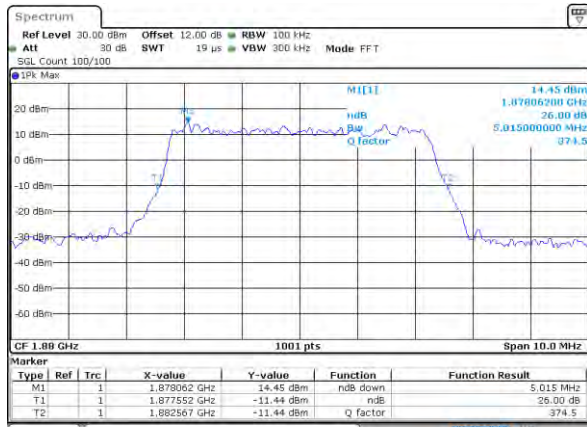
Middle Channel / 1.4MHz / 256QAM



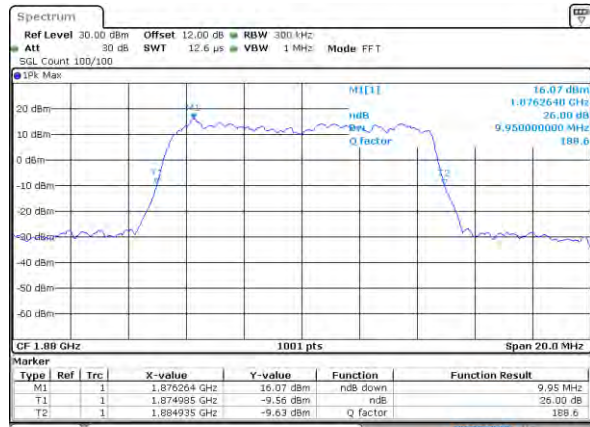
Middle Channel / 3MHz / 256QAM



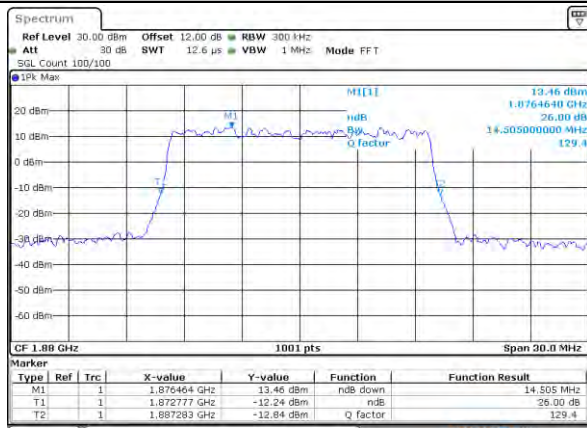
Middle Channel / 5MHz / 256QAM



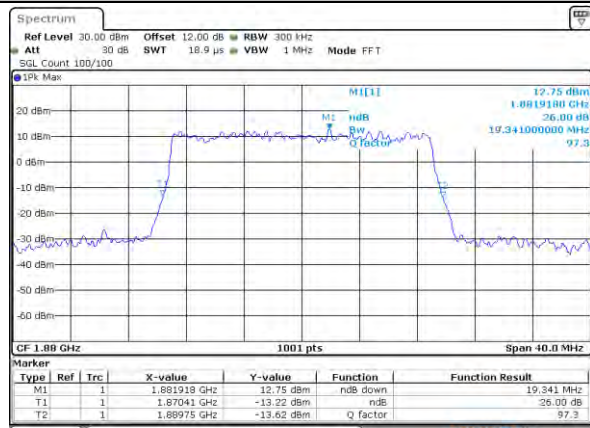
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



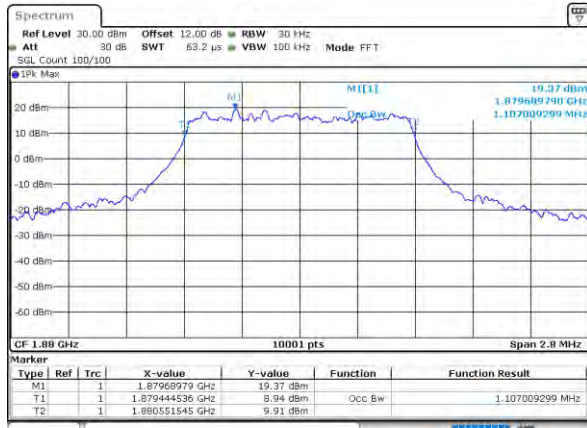
**Occupied Bandwidth**

Mode	LTE Band 25 : 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	1.11	1.09	2.72	2.72	4.50	4.48	9.08	9.08	13.44	13.47	17.92	17.88
Mode	LTE Band 25 : 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	1.11	1.09	2.74	2.75	4.48	4.48	9.06	9.01	13.48	13.47	17.91	17.81

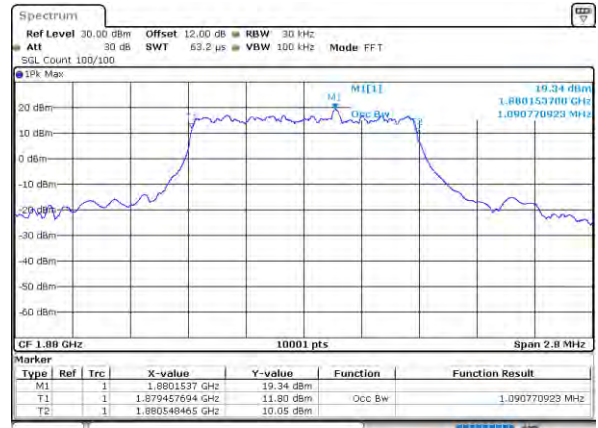


LTE Band 25

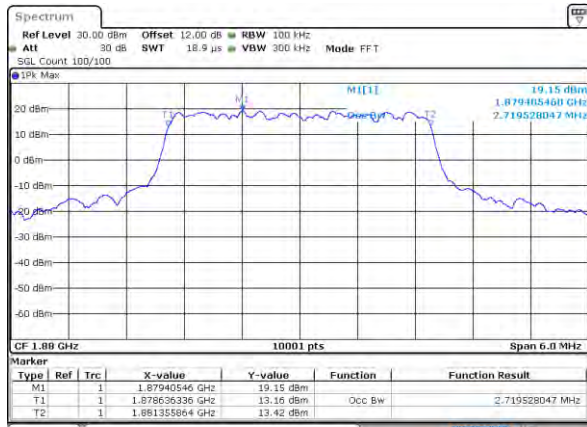
Middle Channel / 1.4MHz / QPSK



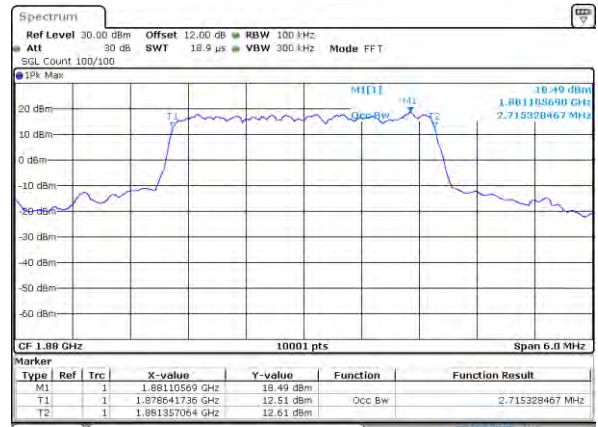
Middle Channel / 1.4MHz / 16QAM



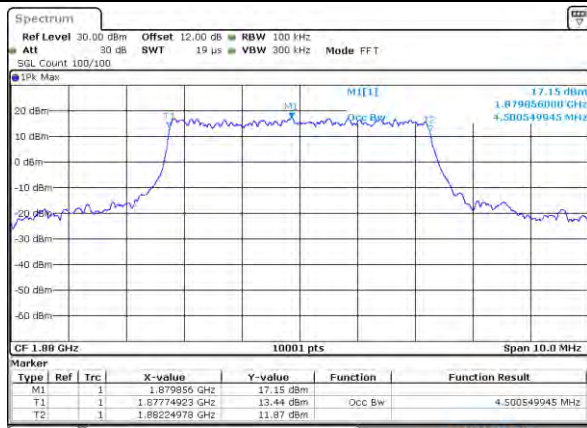
Middle Channel / 3MHz / QPSK



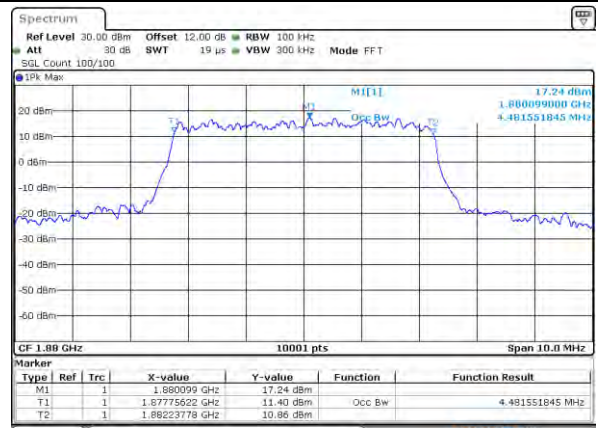
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



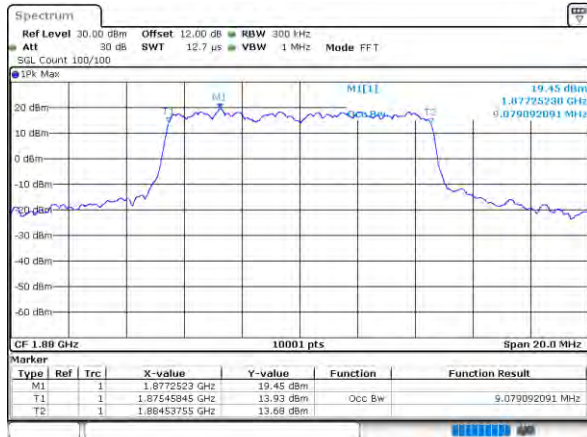
Middle Channel / 5MHz / 16QAM



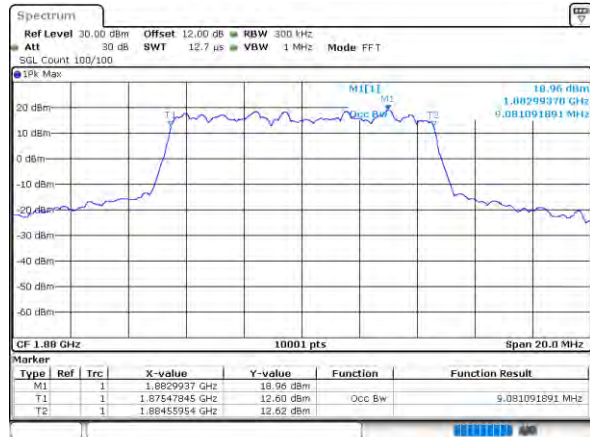


LTE Band 25

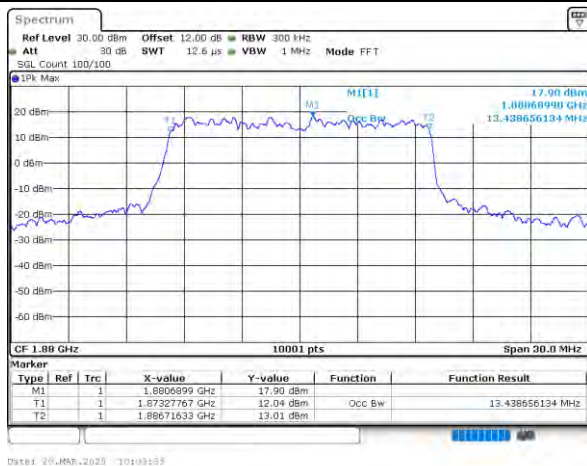
Middle Channel / 10MHz / QPSK



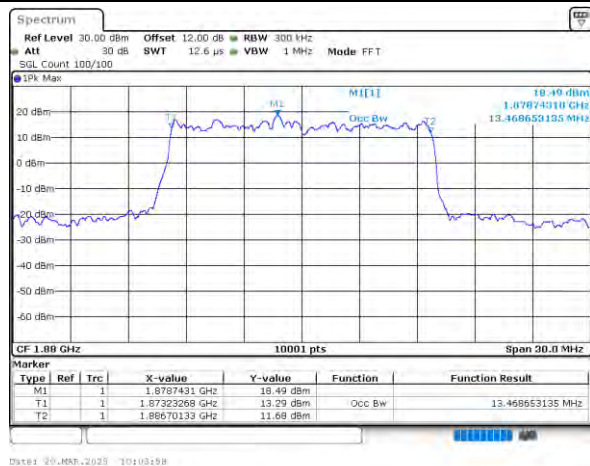
Middle Channel / 10MHz / 16QAM



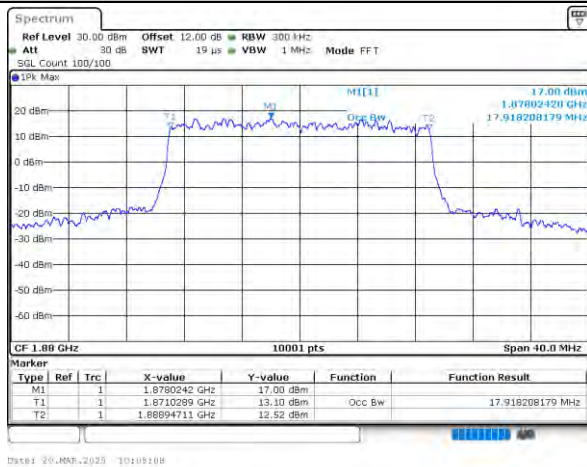
Middle Channel / 15MHz / QPSK



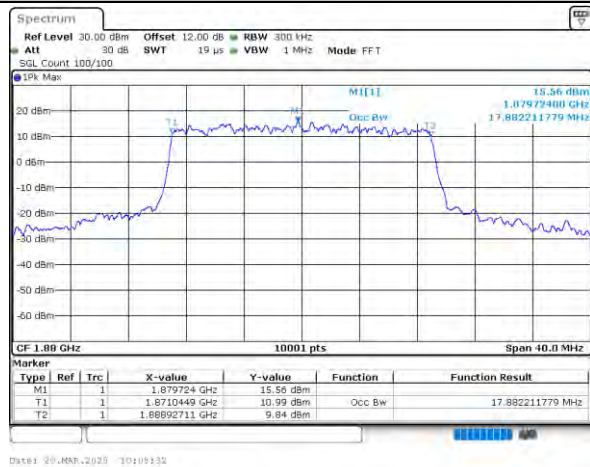
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



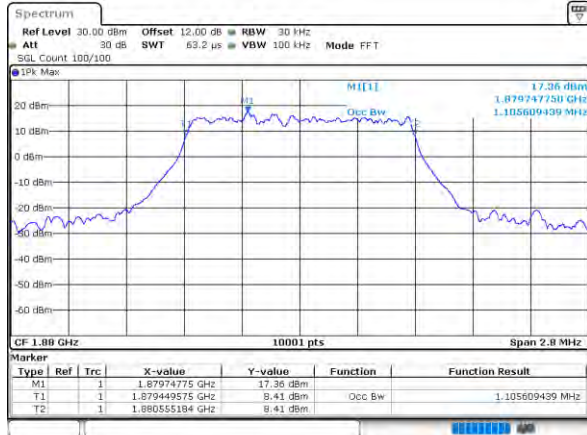
Middle Channel / 20MHz / 16QAM



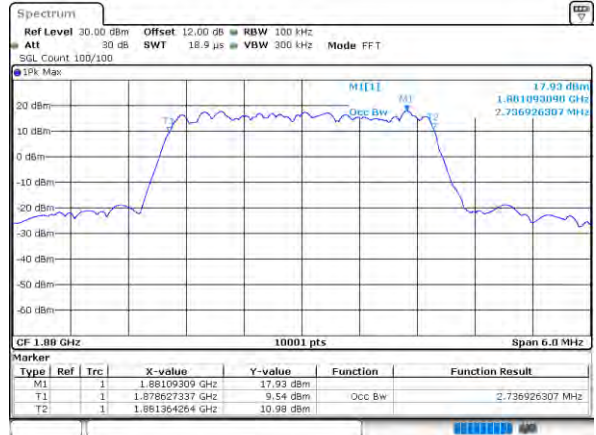


LTE Band 25

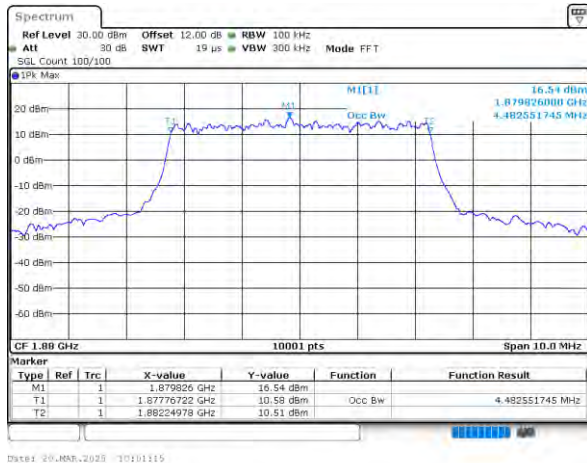
Middle Channel / 1.4MHz / 64QAM



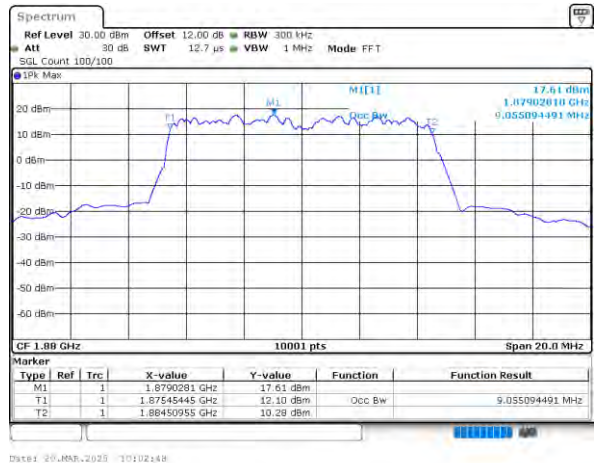
Middle Channel / 3MHz / 64QAM



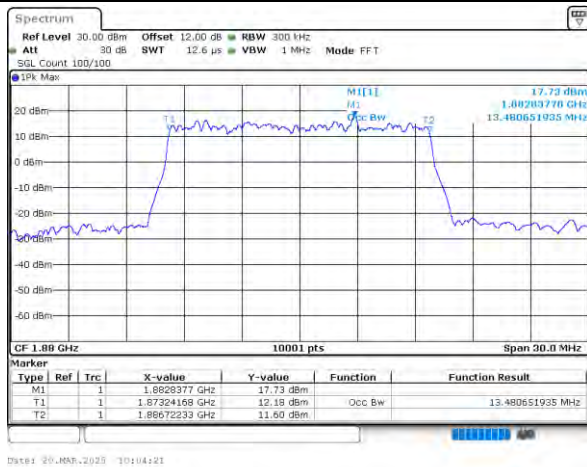
Middle Channel / 5MHz / 64QAM



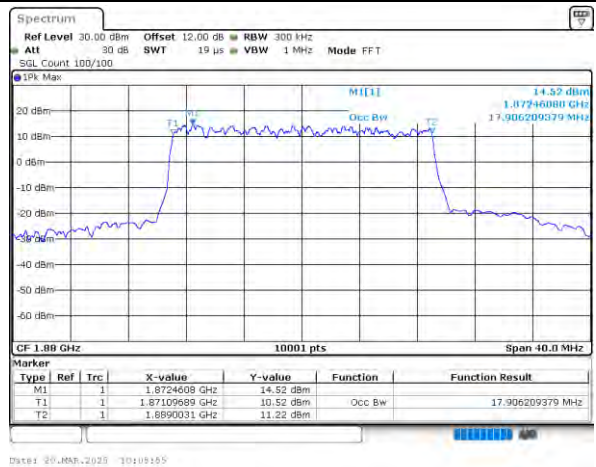
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



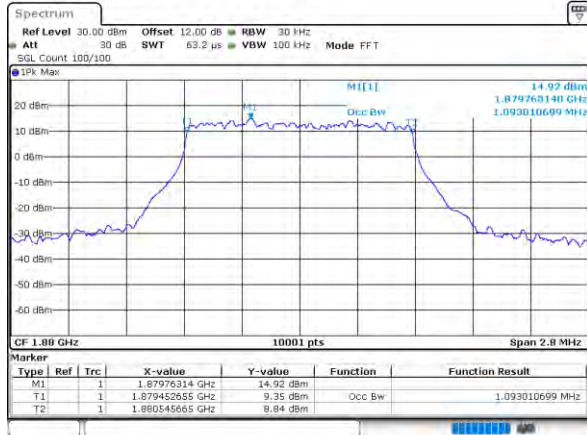
Middle Channel / 20MHz / 64QAM



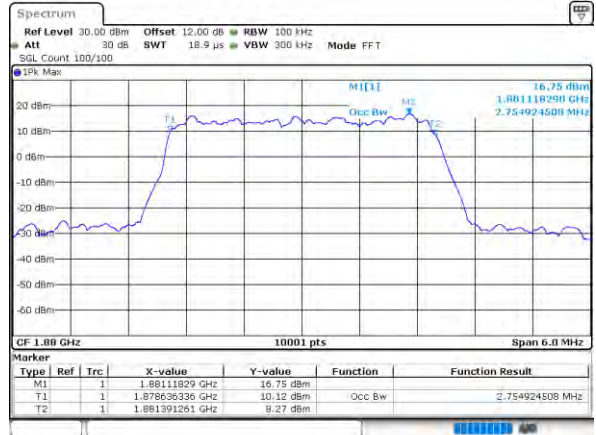


LTE Band 25

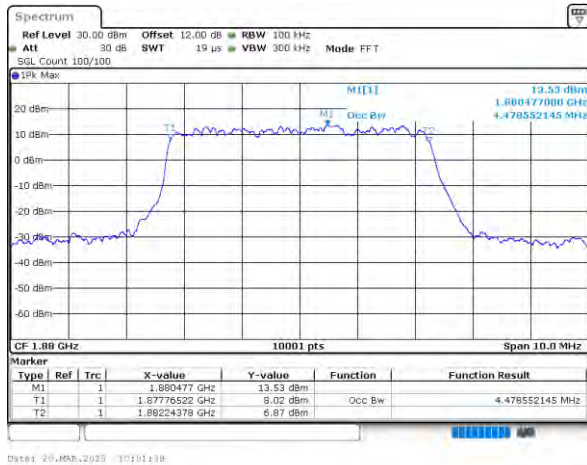
Middle Channel / 1.4MHz / 256QAM



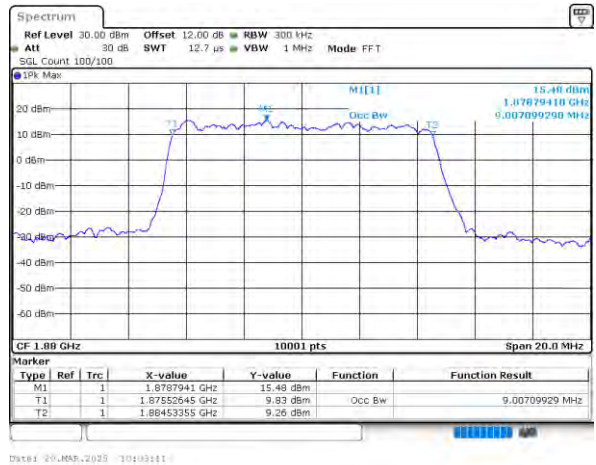
Middle Channel / 3MHz / 256QAM



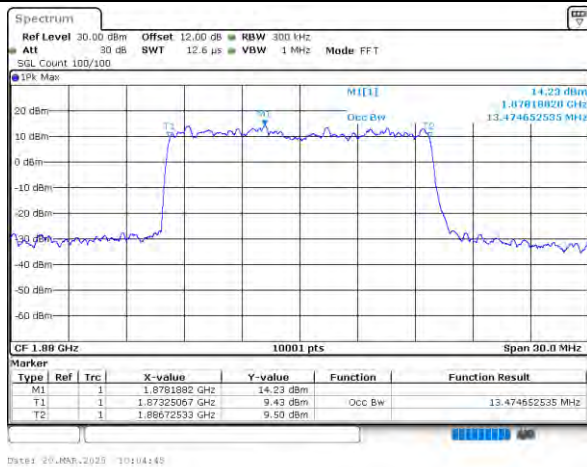
Middle Channel / 5MHz / 256QAM



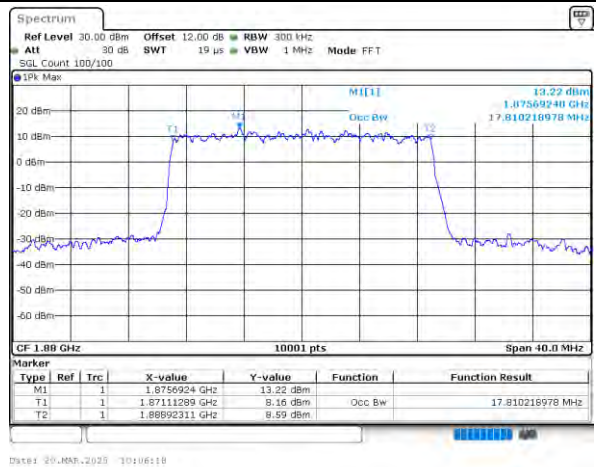
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

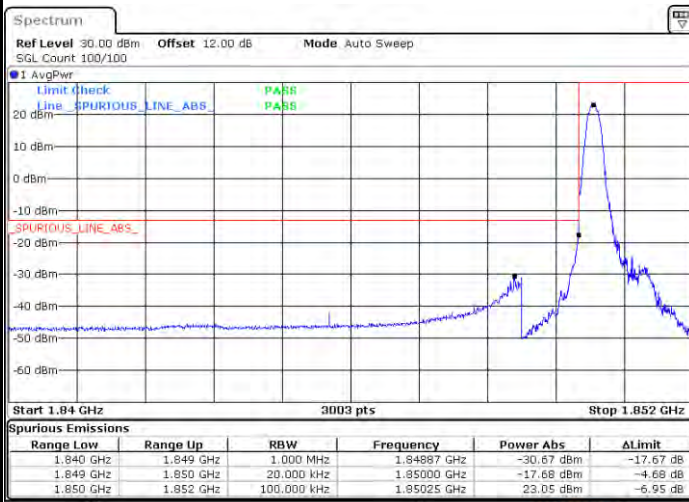




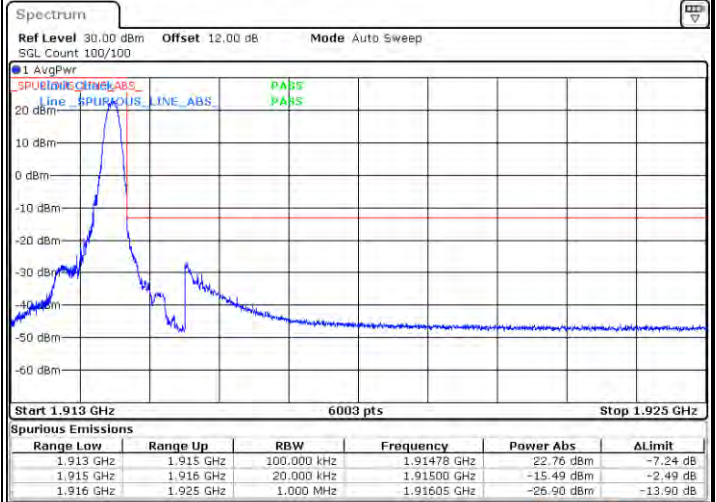
Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

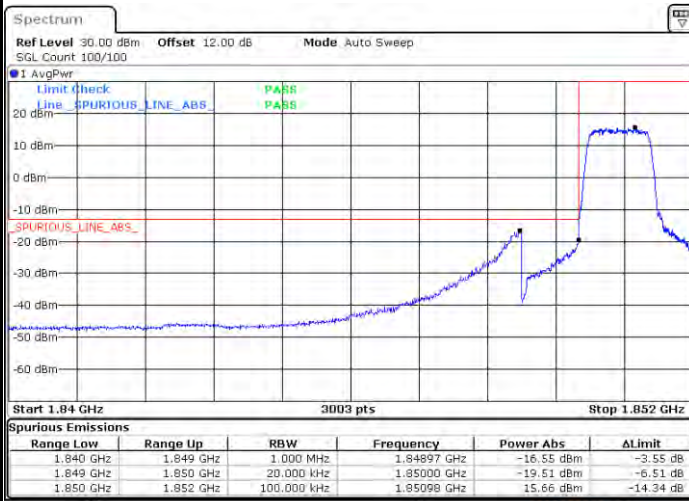
Lowest Band Edge / 1RB



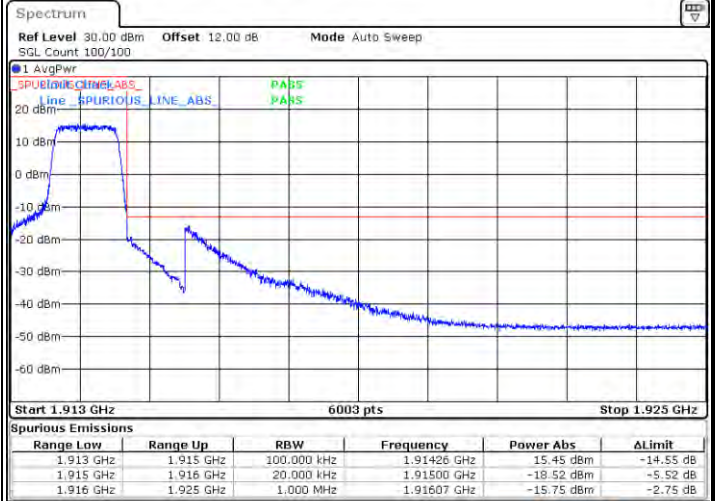
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



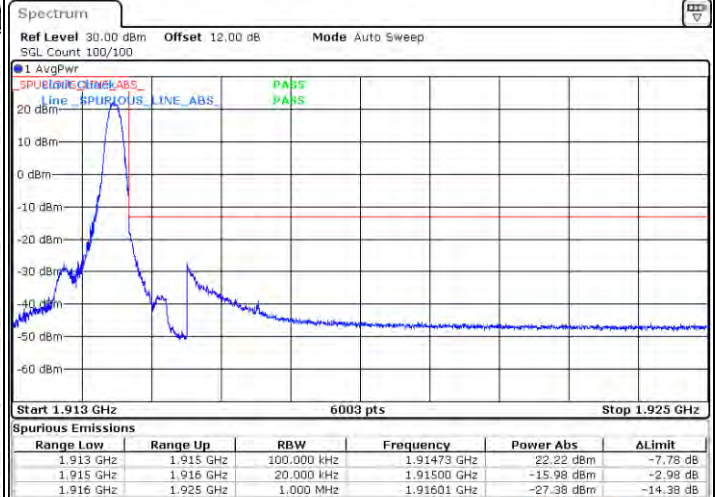


LTE Band 25 / 1.4MHz / 16QAM

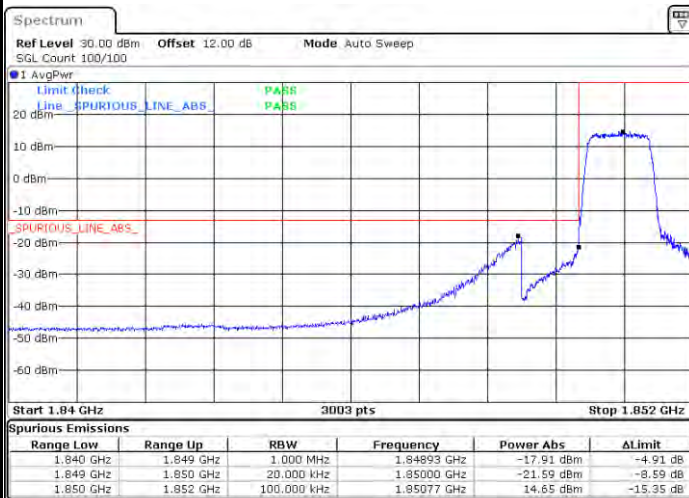
Lowest Band Edge / 1 RB



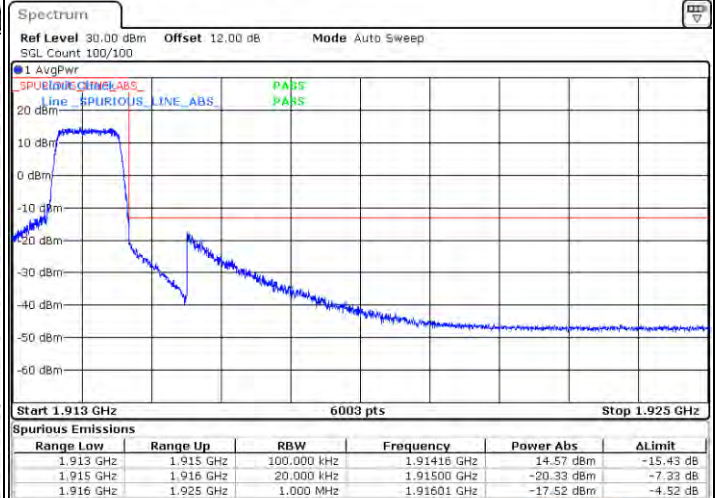
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



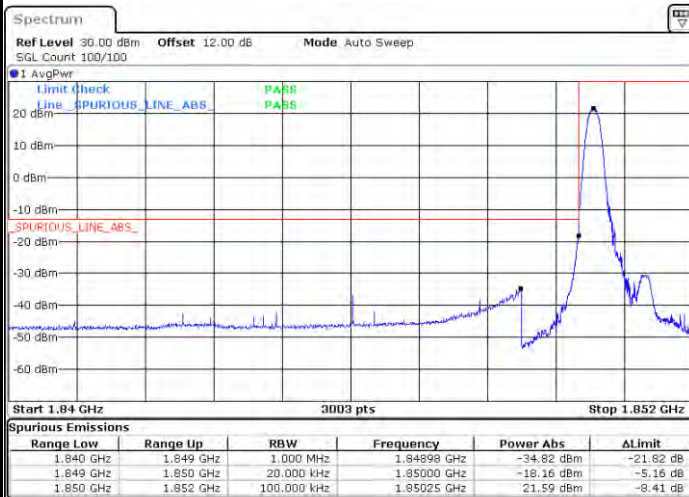
Highest Band Edge / Full RB





LTE Band 25 / 1.4MHz / 64QAM

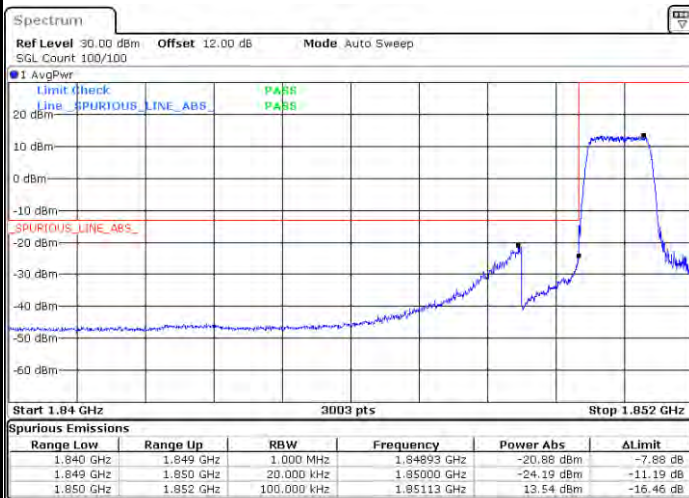
Lowest Band Edge / 1 RB



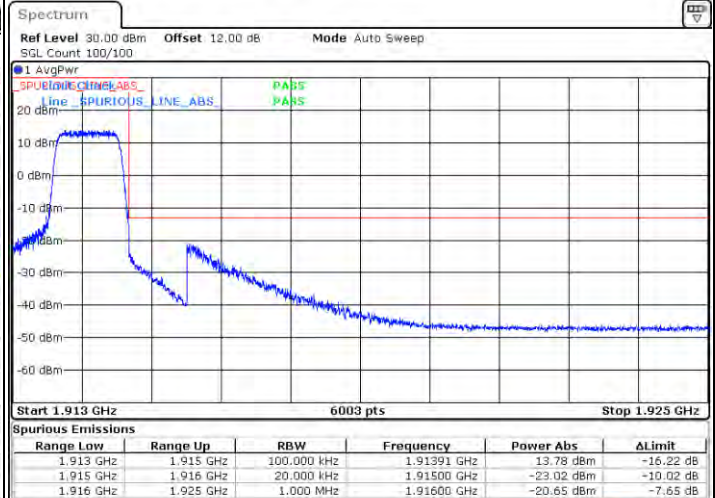
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



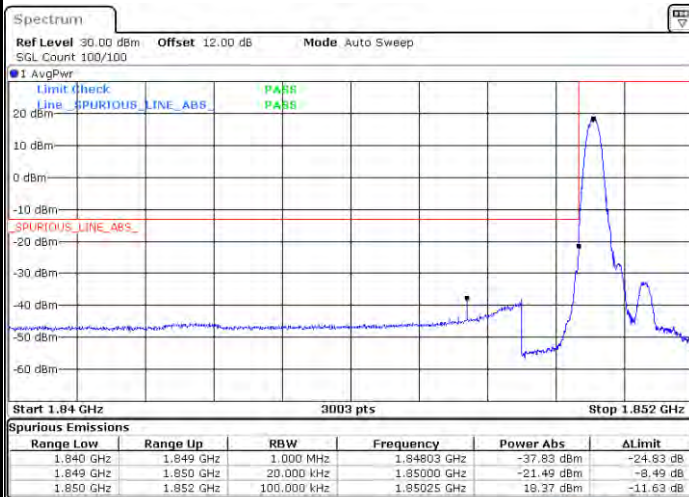
Highest Band Edge / Full RB





LTE Band 25 / 1.4MHz / 256QAM

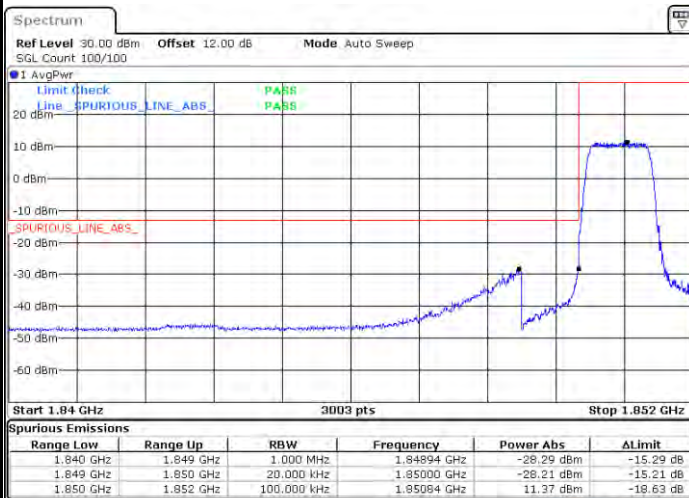
Lowest Band Edge / 1 RB



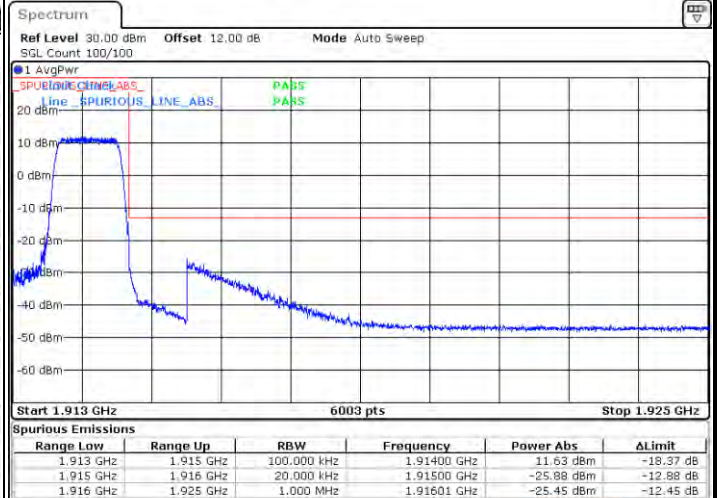
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / Full RB

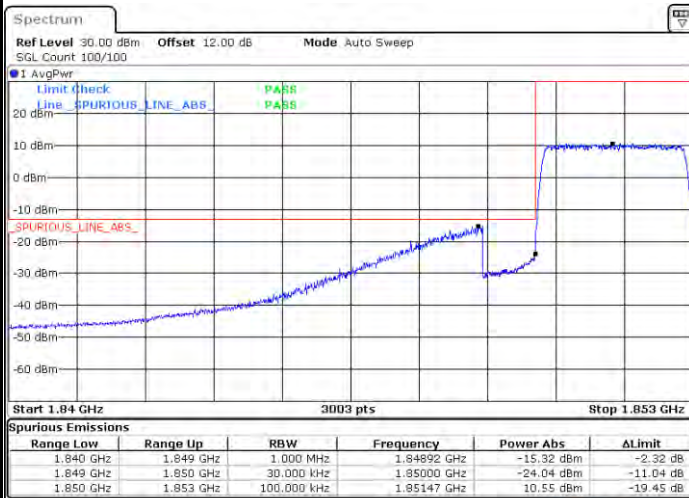


Highest Band Edge / Full RB



LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / Full RB



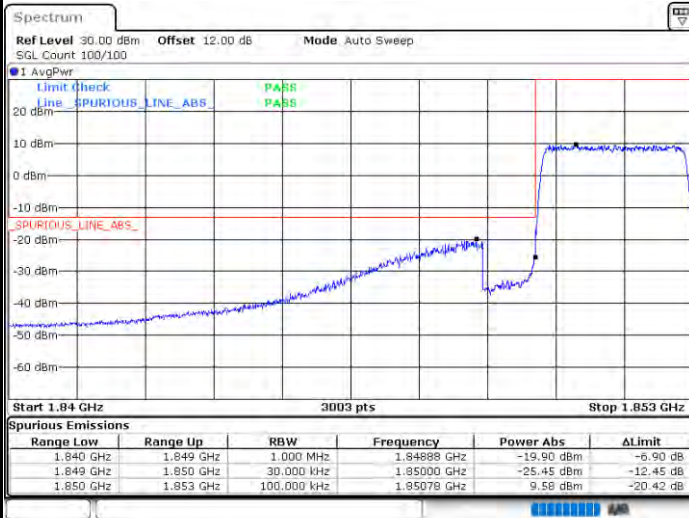
Highest Band Edge / Full RB



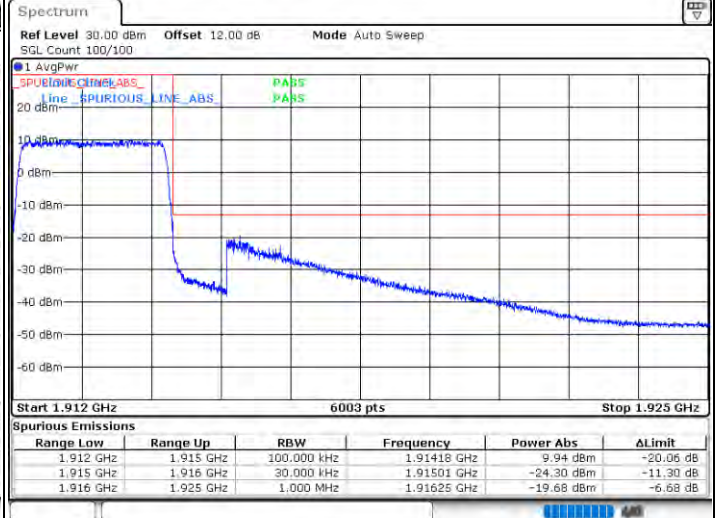


LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / Full RB

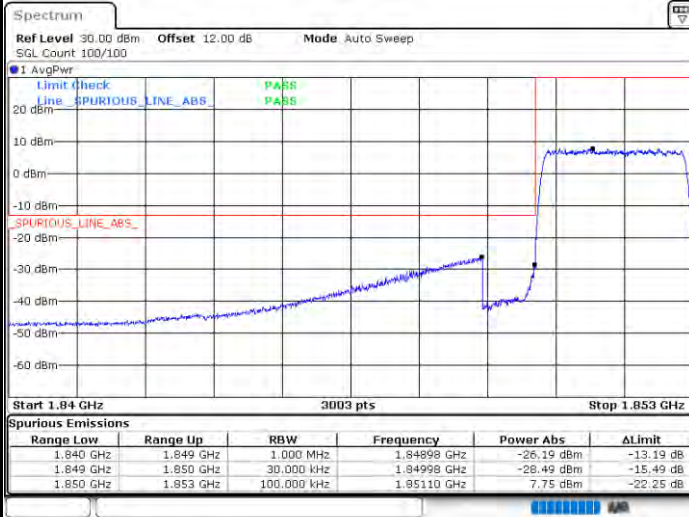


Highest Band Edge / Full RB



LTE Band 25 / 3MHz / 256QAM

Lowest Band Edge / Full RB



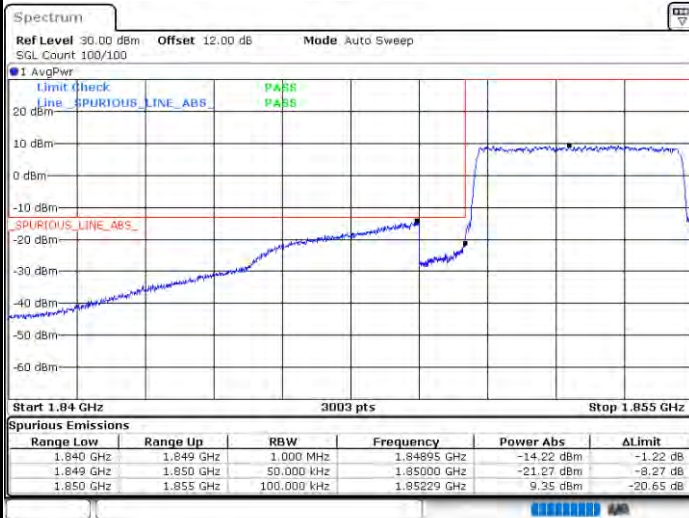
Highest Band Edge / Full RB





LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / Full RB

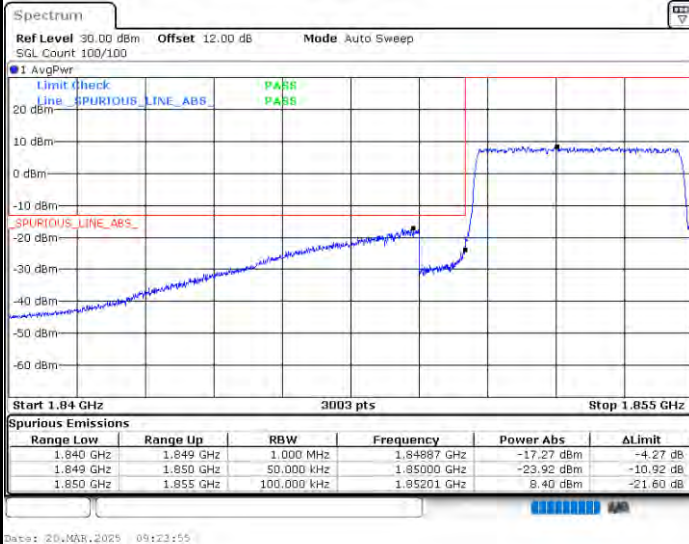


Highest Band Edge / Full RB

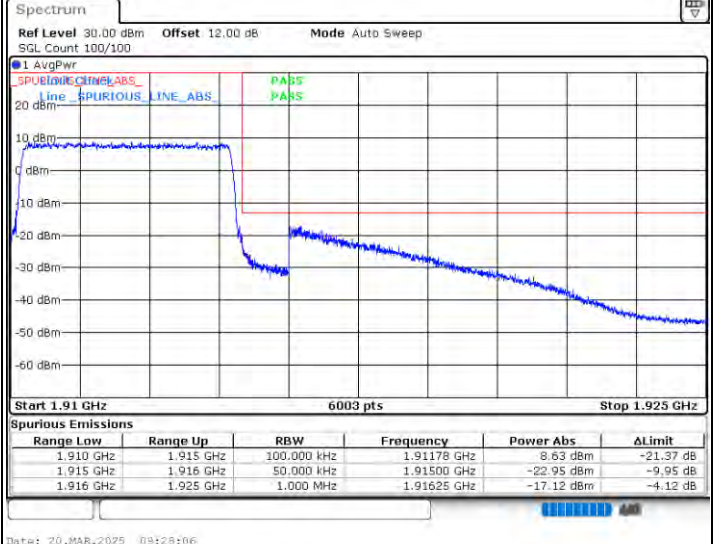


LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / Full RB



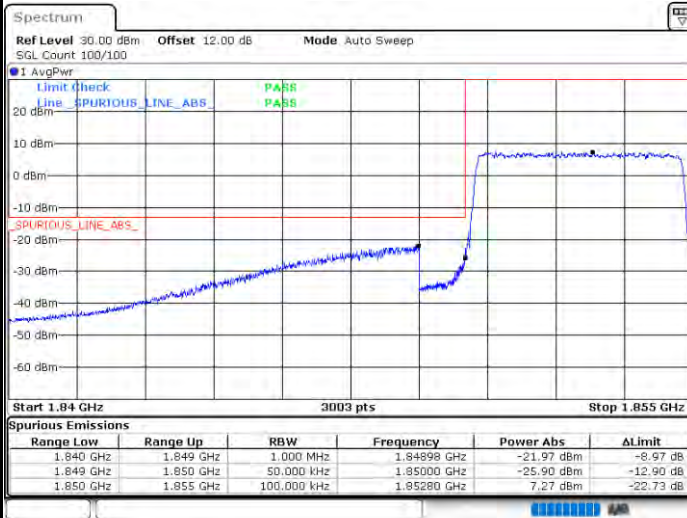
Highest Band Edge / Full RB





LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / Full RB

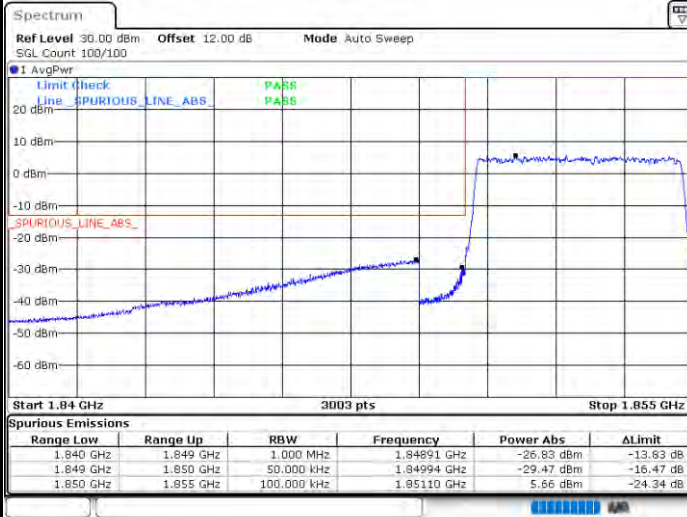


Highest Band Edge / Full RB



LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / Full RB



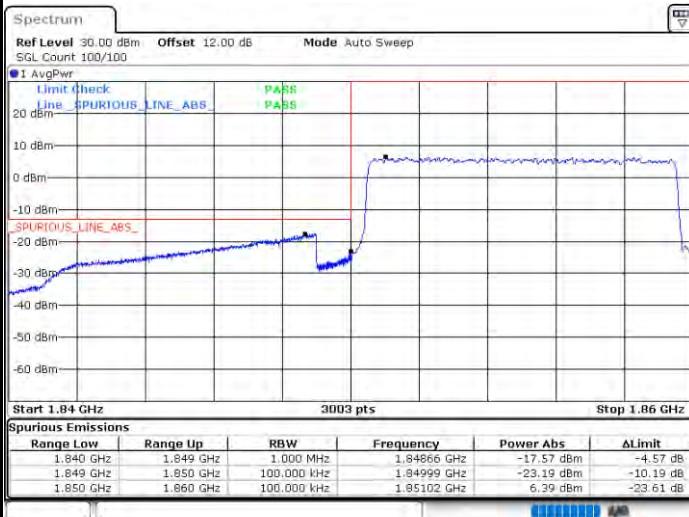
Highest Band Edge / Full RB



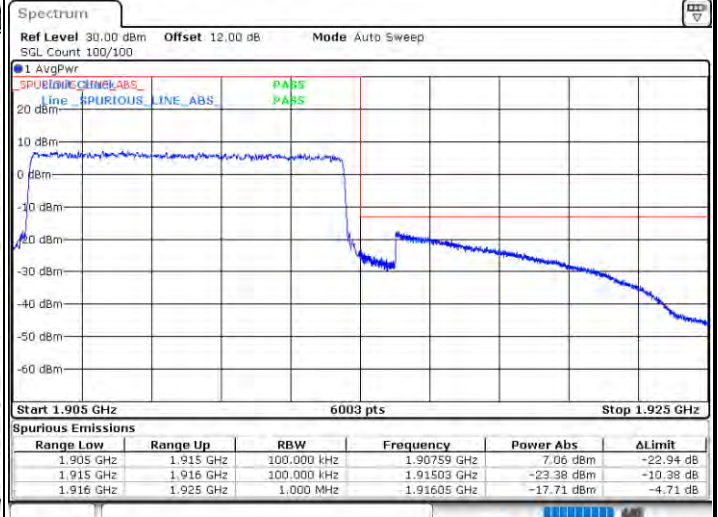


LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / Full RB

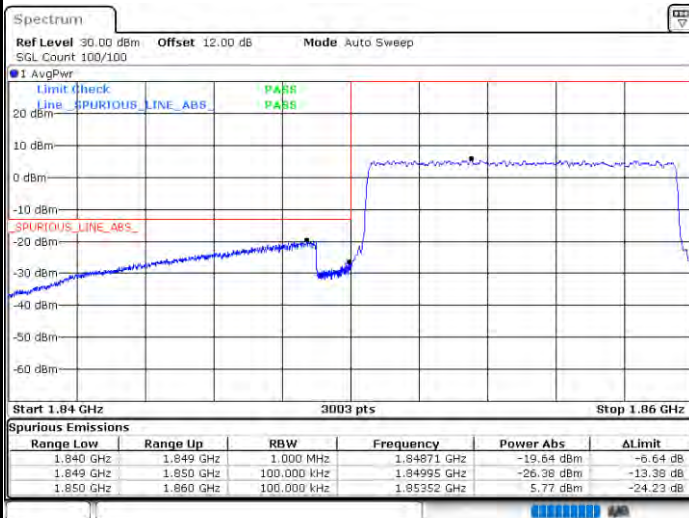


Highest Band Edge / Full RB

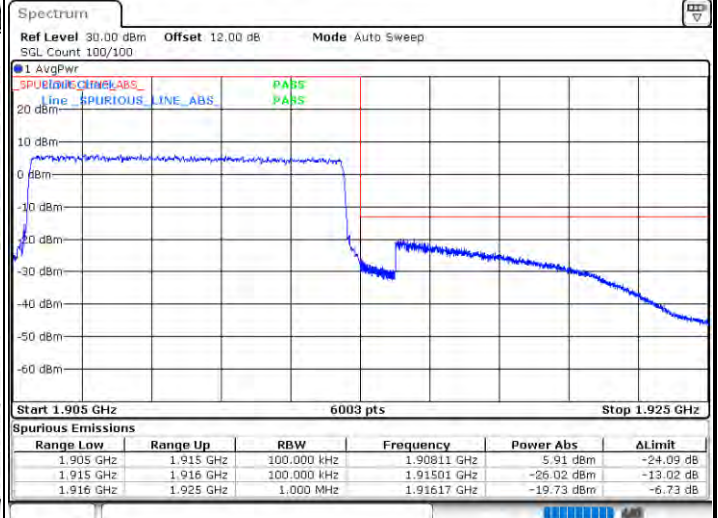


LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / Full RB



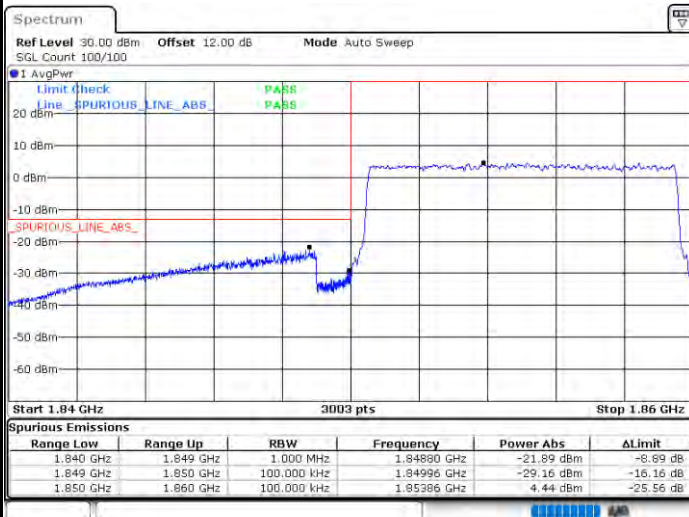
Highest Band Edge / Full RB



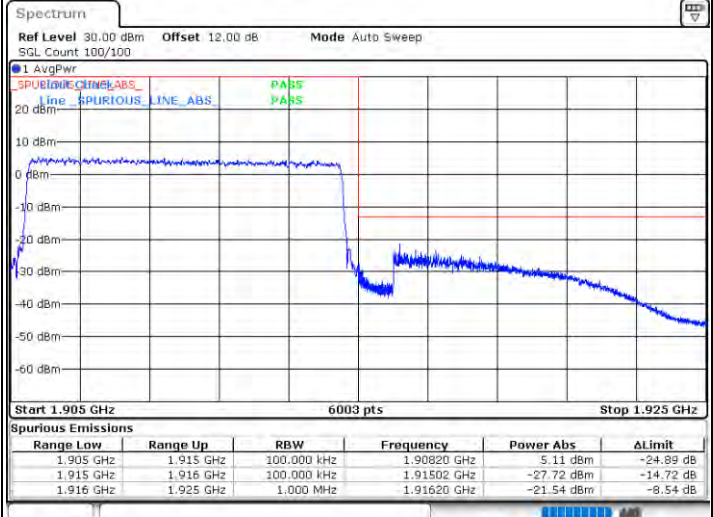


LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / Full RB

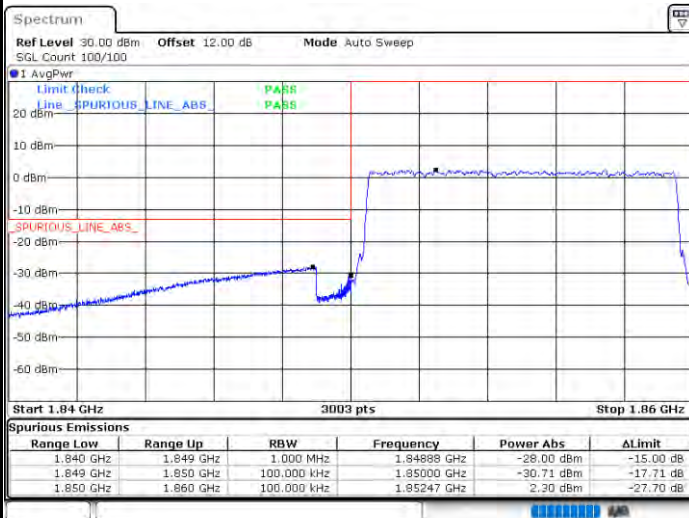


Highest Band Edge / Full RB

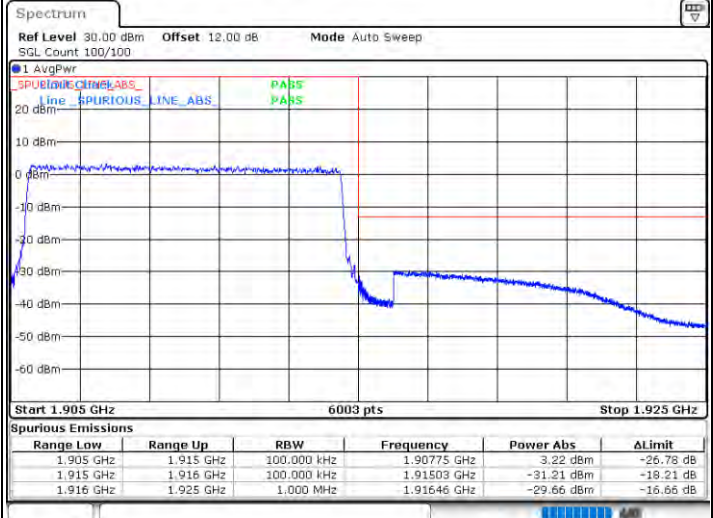


LTE Band 25 / 10MHz / 256QAM

Lowest Band Edge / Full RB



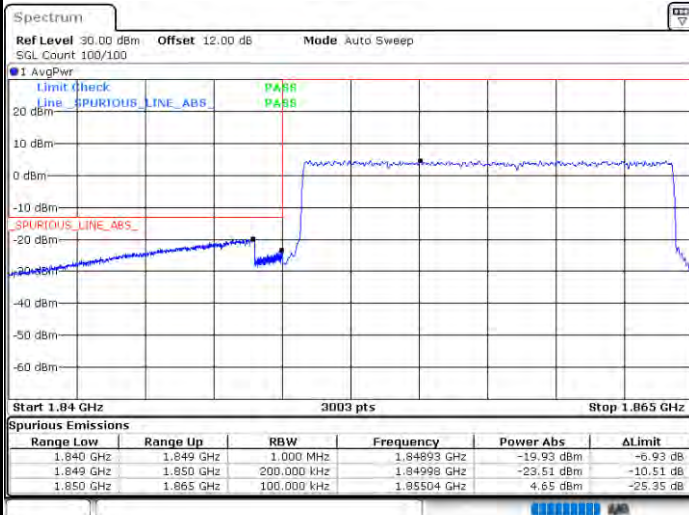
Highest Band Edge / Full RB



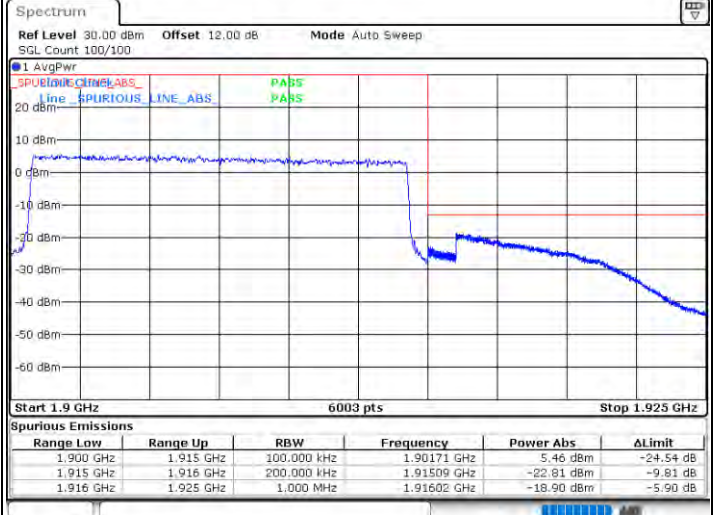


LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / Full RB

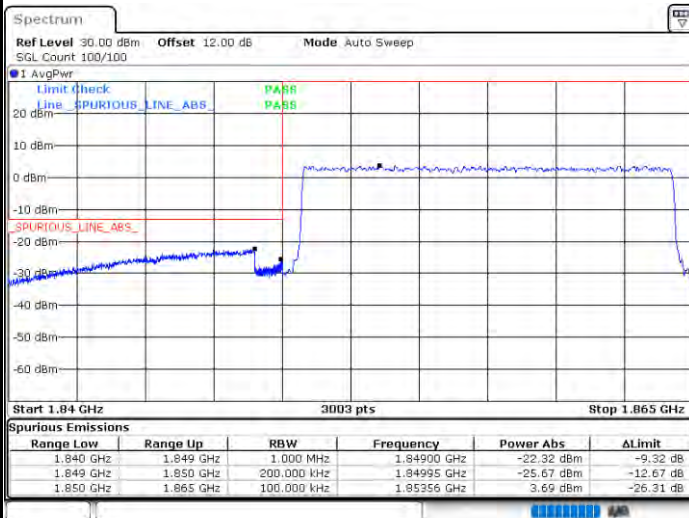


Highest Band Edge / Full RB



LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

