



FCC RADIO TEST REPORT

FCC ID : GKRCXCN3
Equipment : LCC Module
Brand Name : COMPAL
Model Name : CXC-N3
Applicant : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District, Taipei, (114) Taiwan
Manufacturer : Compal Electronics, Inc.
No.581 & 581-1, Ruiguang Rd., Neihu District, Taipei, (114) Taiwan
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)

The product was received on May 19, 2025 and testing was performed from May 27, 2025 to Jun. 25, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FG543002-02B	01	Initial issue of report	Jul. 30, 2025
FG543002-02B	02	Revise Product Feature of Equipment Under Test and Appendix A This report is an updated version, replacing the report issued on Jul. 30, 2025	Aug. 05, 2025



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§27.50 (a)(3)	Equivalent Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (k)(4) §27.50 (j)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measuremen (Band 43)		
3.6	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	-
	§2.1051 §90.691	Emission masks (Band 26)		



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (Band 43)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.213	Frequency Stability Temperature & Voltage	Pass	-



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng**Report Producer: Clio Lo**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	LTE/5G NR/5G NR Red Cap and GNSS.
Antenna Type	Fixed External Antenna

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

FDD/TDD band Power Class				
	SISO PC3	SISO PC2		
B2	V			
B4	V			
B5	V			
B7	V			
B12	V			
B13	V			
B14	V			
B25	V			
B26	V			
B30	V			
B38	V			
B41	V	V		
B42	V			
B43	V			
B66	V			
B71	V			



RF Exposure							
Max Antenna Gain information(dBi)							
Band	Ant 4						Main Ant. #
B2	8						4
B4	5						4
B5	9.4						4
B7	8						4
B12	8.6						4
B13	9.1						4
B14	9.2						4
B25	8						4
B26	9.4						4
B30	-1						4
B38	8						4
B41(PC3)	8						4
B41(PC2)	5						4
B42	5						4
B43	5						4
B66	5						4
B71	8.4						4

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Yuki Chen
Temperature (°C)	22.3~22.9
Relative Humidity (%)	53.2~55.5

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. 03CH13-HY (TAF Code: 3786)
Test Engineer	Leo Li, Karl Hou and Lucifer Jiang
Temperature (°C)	20~26
Relative Humidity (%)	40~65
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two config (Degree 0 and Degree 90), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

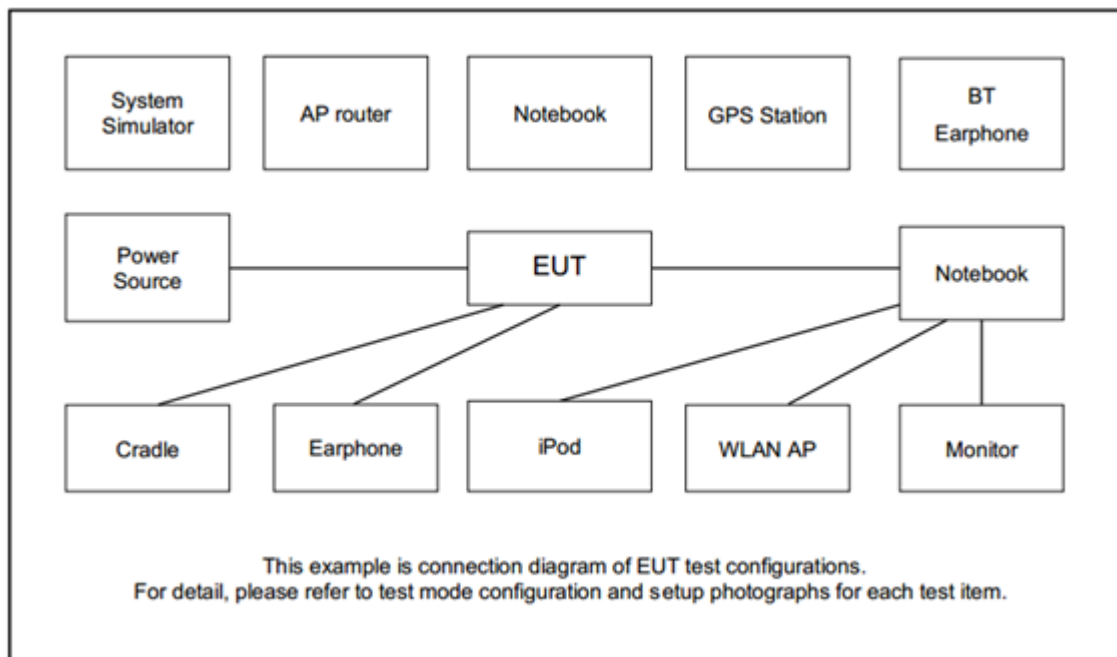
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

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

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. One representative bandwidth is selected to perform PAR and frequency stability.
4. For LTE B41 support PC2&PC3 ,The PC2&PC3 have the same modulation, EIRP power and BW. Therefore, the report only performed Higher Conducted power (PC2) test results.
5. For LTE B41 the test country code is set to MCC 310

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded,1.8m
2.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
3.	Fixture	Compal	ZX22 EVB	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

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



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

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

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



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

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

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



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

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

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



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

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



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

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

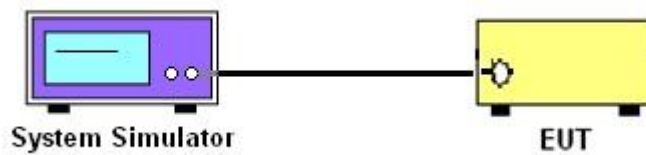
3 Conducted Test Items

3.1 Measuring Instruments

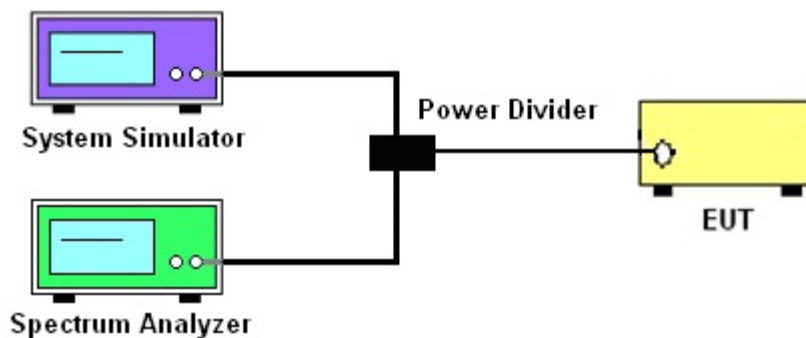
See list of measuring instruments of this test report.

3.1.1 Test Setup

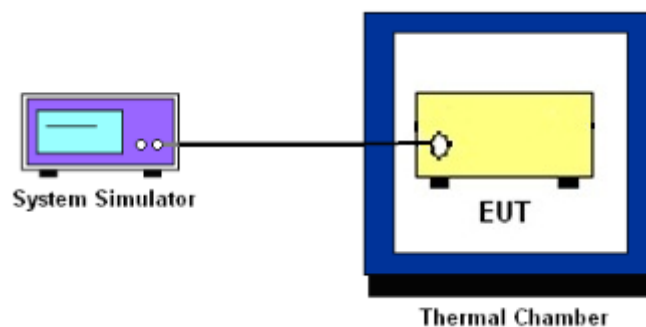
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

27.53(m)(4)

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

27.53 (a)(4)

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

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

90.543(e)

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

**27.53 (l)(2)**

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

27.53 (n)(2)

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

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

For LTE Band 26

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

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

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

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



3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

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

For LTE Band 26

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



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

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

For LTE Band 30

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

For LTE Band 7, 38, 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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

For LTE Band 30

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

For LTE Band 7, 38, 41

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

22.355

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

24.235 & 27.54

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

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.

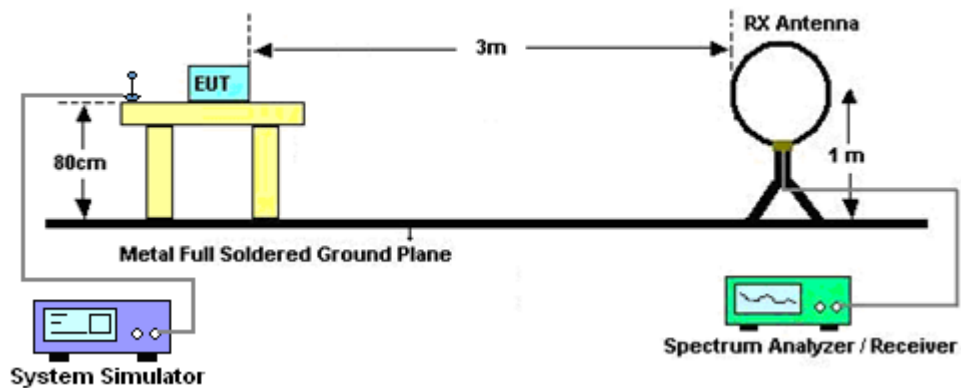
4 Radiated Test Items

4.1 Measuring Instruments

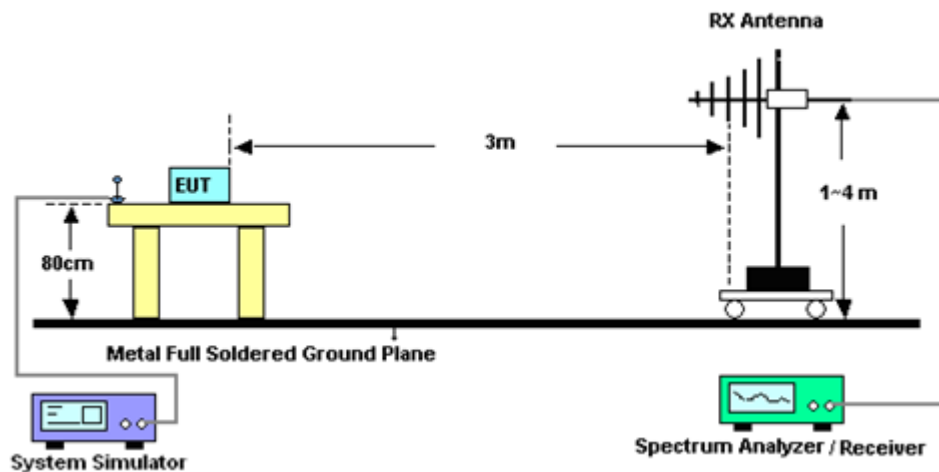
See list of measuring instruments of this test report.

4.1.1 Test Setup

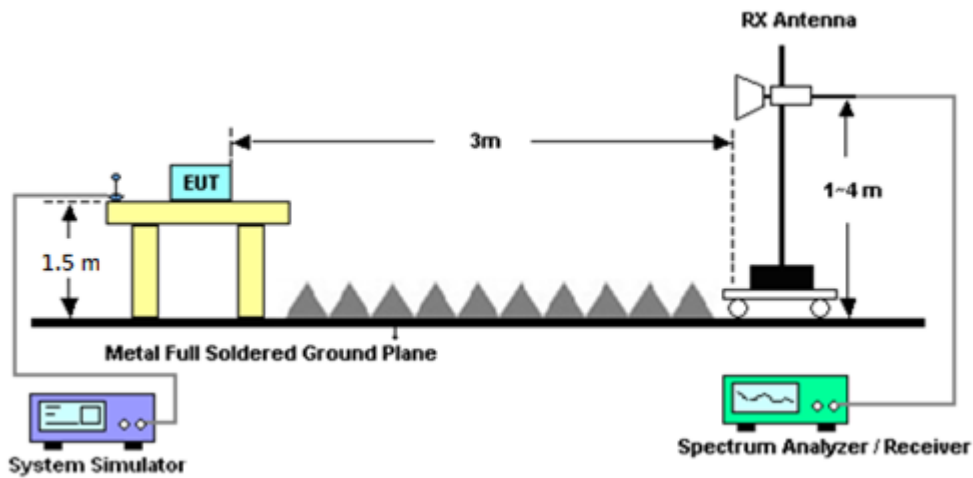
For radiated test below 30MHz



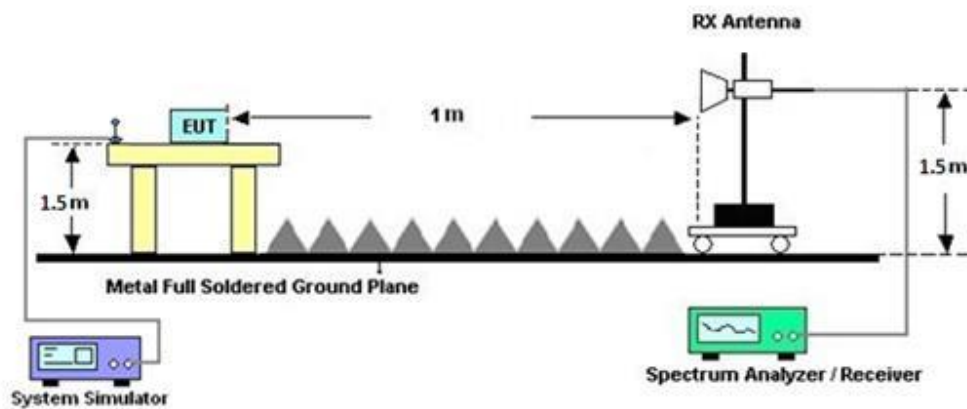
For radiated test from 30MHz to 1GHz



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 7, 38, 41

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

For LTE Band 13

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

For LTE Band 30

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

For LTE Band 14

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

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



4.2.2 Test Procedures

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

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



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	May 27, 2025~ Jun. 25, 2025	Aug. 28, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	May 27, 2025~ Jun. 25, 2025	Mar. 04, 2026	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Jun. 05, 2025~ Jun. 22, 2025	Jun. 23, 2025	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz~40GHz	Nov. 18, 2024	Jun. 23, 2025~ Jun. 25, 2025	Nov. 17, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8 04012/2	18-40G	Dec. 31, 2024	May 27, 2025~ Jun. 25, 2025	Dec. 30, 2025	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2024	May 27, 2025~ Jun. 25, 2025	May 25, 2026	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 12, 2024	May 27, 2025~ Jun. 25, 2025	Dec. 11, 2025	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 13, 2025	May 27, 2025~ Jun. 25, 2025	Apr. 12, 2026	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 6	1GHz~18GHz	Aug. 15, 2024	May 27, 2025~ Jun. 25, 2025	Aug. 14, 2025	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 14, 2025	May 27, 2025~ Jun. 25, 2025	May 13, 2026	Radiation (03CH13-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Jan. 08, 2025	May 27, 2025~ Jun. 25, 2025	Jan. 07, 2026	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY553705 26	10Hz~44GHz	Jan. 11, 2025	May 27, 2025~ Jun. 25, 2025	Jan. 10, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 06, 2025	May 27, 2025~ Jun. 25, 2025	Feb. 05, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804616/2	30MHz~40GHz	Feb. 06, 2025	May 27, 2025~ Jun. 15, 2025	Feb. 05, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102E	508408-2E	30MHz~40GHz	Jun. 16, 2025	Jun. 16, 2025~ Jun. 25, 2025	Jun. 15, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/ 4	30MHz~18GHz	Feb. 06, 2025	May 27, 2025~ Jun. 25, 2025	Feb. 05, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 11, 2024	May 27, 2025~ Jun. 25, 2025	Sep. 10, 2025	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 09, 2024	May 27, 2025~ Jun. 25, 2025	Jul. 08, 2025	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 07, 2025	May 27, 2025~ Jun. 25, 2025	Mar. 06, 2026	Radiation (03CH13-HY)
Hygrometer	TECEPIL	DTM-303A	TP215159	N/A	Sep. 10, 2024	May 27, 2025~ Jun. 25, 2025	Sep. 09, 2025	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 27, 2025~ Jun. 25, 2025	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 27, 2025~ Jun. 25, 2025	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 27, 2025~ Jun. 25, 2025	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	May 27, 2025~ Jun. 25, 2025	N/A	Radiation (03CH13-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.54	24.50	24.38	32.56	1.8030
20	1	49		24.56	24.46	24.50		
20	1	99		24.51	24.44	24.45		
20	50	0		23.60	23.47	23.48		
20	50	24		23.68	23.48	23.53		
20	50	50		23.60	23.45	23.56		
20	100	0		23.65	23.44	23.44		
20	1	0	16-QAM	23.89	23.87	23.59	32.17	1.6482
20	1	49		24.17	23.87	23.79		
20	1	99		23.85	23.76	23.80		
20	50	0		22.57	22.49	22.52		
20	50	24		22.65	22.54	22.58		
20	50	50		22.59	22.43	22.57		
20	100	0		22.63	22.46	22.48		
20	1	0	64-QAM	22.82	22.65	22.60	30.82	1.2078
20	1	49		22.75	22.62	22.75		
20	1	99		22.70	22.73	22.68		
20	50	0		21.52	21.36	21.46		
20	50	24		21.57	21.42	21.41		
20	50	50		21.54	21.39	21.47		
20	100	0		21.51	21.37	21.36		
20	1	0	256-QAM	19.53	19.36	19.28	27.63	0.5794
20	1	49		19.63	19.43	19.52		
20	1	99		19.51	19.34	19.40		
20	50	0		19.51	19.32	19.42		
20	50	24		19.60	19.46	19.45		
20	50	50		19.53	19.32	19.44		
20	100	0		19.56	19.44	19.37		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.57	24.35	24.44	32.57	1.8072
15	1	37		24.57	24.46	24.47		
15	1	74		24.53	24.34	24.35		
15	36	0		23.67	23.45	23.49		
15	36	20		23.69	23.48	23.57		
15	36	39		23.62	23.48	23.56		
15	75	0		23.64	23.42	23.45		
15	1	0	16-QAM	23.99	23.72	23.85	31.99	1.5812
15	1	37		23.98	23.72	23.79		
15	1	74		23.84	23.60	23.72		
15	36	0		22.69	22.43	22.48		
15	36	20		22.67	22.50	22.59		
15	36	39		22.62	22.50	22.59		
15	75	0		22.64	22.47	22.53		
15	1	0	64-QAM	22.67	22.55	22.64	30.89	1.2274
15	1	37		22.89	22.66	22.72		
15	1	74		22.70	22.52	22.62		
15	36	0		21.62	21.42	21.42		
15	36	20		21.61	21.51	21.52		
15	36	39		21.60	21.43	21.52		
15	75	0		21.43	21.38	21.39		
15	1	0	256-QAM	19.51	19.35	19.53	27.69	0.5875
15	1	37		19.68	19.61	19.69		
15	1	74		19.63	19.43	19.56		
15	36	0		19.62	19.33	19.45		
15	36	20		19.62	19.41	19.52		
15	36	39		19.52	19.40	19.43		
15	75	0		19.59	19.39	19.42		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.49	24.33	24.35	32.54	1.7947
10	1	25		24.54	24.33	24.42		
10	1	49		24.45	24.30	24.40		
10	25	0		23.59	23.32	23.44		
10	25	12		23.62	23.40	23.49		
10	25	25		23.56	23.38	23.54		
10	50	0		23.58	23.43	23.47		
10	1	0	16-QAM	23.80	23.56	23.69	31.80	1.5136
10	1	25		23.79	23.70	23.74		
10	1	49		23.76	23.68	23.64		
10	25	0		22.63	22.38	22.52		
10	25	12		22.62	22.44	22.50		
10	25	25		22.62	22.43	22.58		
10	50	0		22.63	22.41	22.47		
10	1	0	64-QAM	22.68	22.41	22.65	30.75	1.1885
10	1	25		22.75	22.50	22.68		
10	1	49		22.63	22.40	22.55		
10	25	0		21.53	21.30	21.41		
10	25	12		21.59	21.39	21.48		
10	25	25		21.50	21.30	21.48		
10	50	0		21.56	21.35	21.40		
10	1	0	256-QAM	19.64	19.38	19.55	27.64	0.5808
10	1	25		19.52	19.40	19.50		
10	1	49		19.57	19.34	19.46		
10	25	0		19.58	19.37	19.44		
10	25	12		19.59	19.39	19.41		
10	25	25		19.56	19.38	19.48		
10	50	0		19.58	19.35	19.43		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.54	24.25	24.36	32.54	1.7947
5	1	12		24.54	24.35	24.27		
5	1	24		24.54	24.27	24.35		
5	12	0		23.63	23.31	23.51		
5	12	7		23.60	23.34	23.51		
5	12	13		23.58	23.37	23.49		
5	25	0		23.64	23.36	23.51		
5	1	0	16-QAM	23.85	23.61	23.76	31.99	1.5812
5	1	12		23.99	23.69	23.73		
5	1	24		23.87	23.51	23.75		
5	12	0		22.67	22.39	22.57		
5	12	7		22.66	22.43	22.57		
5	12	13		22.67	22.41	22.57		
5	25	0		22.61	22.43	22.51		
5	1	0	64-QAM	22.69	22.51	22.53	30.72	1.1803
5	1	12		22.72	22.47	22.61		
5	1	24		22.63	22.47	22.63		
5	12	0		21.58	21.27	21.46		
5	12	7		21.56	21.36	21.42		
5	12	13		21.49	21.36	21.40		
5	25	0		21.53	21.32	21.44		
5	1	0	256-QAM	19.63	19.29	19.65	27.65	0.5821
5	1	12		19.54	19.39	19.51		
5	1	24		19.54	19.39	19.59		
5	12	0		19.63	19.34	19.44		
5	12	7		19.58	19.42	19.42		
5	12	13		19.50	19.35	19.46		
5	25	0		19.58	19.36	19.49		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.50	24.24	24.32	32.57	1.8072
3	1	8		24.57	24.31	24.37		
3	1	14		24.47	24.27	24.29		
3	8	0		23.62	23.39	23.46		
3	8	4		23.61	23.33	23.46		
3	8	7		23.58	23.34	23.48		
3	15	0		23.56	23.35	23.48		
3	1	0	16-QAM	23.85	23.65	23.66	31.92	1.5560
3	1	8		23.92	23.68	23.66		
3	1	14		23.80	23.48	23.79		
3	8	0		22.70	22.44	22.51		
3	8	4		22.67	22.42	22.56		
3	8	7		22.66	22.43	22.47		
3	15	0		22.61	22.38	22.50		
3	1	0	64-QAM	22.67	22.39	22.48	30.74	1.1858
3	1	8		22.74	22.49	22.58		
3	1	14		22.66	22.44	22.61		
3	8	0		21.63	21.34	21.41		
3	8	4		21.62	21.38	21.50		
3	8	7		21.56	21.36	21.42		
3	15	0		21.52	21.32	21.41		
3	1	0	256-QAM	19.68	19.38	19.42	27.68	0.5861
3	1	8		19.63	19.46	19.40		
3	1	14		19.68	19.41	19.46		
3	8	0		19.58	19.39	19.39		
3	8	4		19.54	19.40	19.46		
3	8	7		19.55	19.34	19.43		
3	15	0		19.58	19.35	19.41		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.41	24.24	24.34	32.49	1.7742
1.4	1	3		24.45	24.26	24.38		
1.4	1	5		24.44	24.26	24.30		
1.4	3	0		24.48	24.31	24.34		
1.4	3	1		24.48	24.36	24.37		
1.4	3	3		24.49	24.29	24.40		
1.4	6	0		23.52	23.31	23.43		
1.4	1	0	16-QAM	23.82	23.77	23.63	31.90	1.5488
1.4	1	3		23.90	23.78	23.65		
1.4	1	5		23.68	23.70	23.65		
1.4	3	0		23.57	23.51	23.51		
1.4	3	1		23.64	23.46	23.56		
1.4	3	3		23.68	23.45	23.48		
1.4	6	0		22.68	22.50	22.53		
1.4	1	0	64-QAM	22.65	22.49	22.44	30.69	1.1722
1.4	1	3		22.62	22.48	22.58		
1.4	1	5		22.62	22.47	22.43		
1.4	3	0		22.59	22.36	22.48		
1.4	3	1		22.53	22.39	22.46		
1.4	3	3		22.69	22.37	22.47		
1.4	6	0		21.56	21.33	21.44		
1.4	1	0	256-QAM	19.55	19.35	19.40	27.66	0.5834
1.4	1	3		19.66	19.42	19.52		
1.4	1	5		19.63	19.47	19.48		
1.4	3	0		19.59	19.36	19.41		
1.4	3	1		19.55	19.42	19.40		
1.4	3	3		19.57	19.37	19.37		
1.4	6	0		19.56	19.27	19.32		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.09	24.04	24.45	29.45	0.8810
20	1	49		24.26	24.28	24.27		
20	1	99		24.37	24.28	24.29		
20	50	0		23.17	23.25	23.32		
20	50	24		23.38	23.34	23.39		
20	50	50		23.37	23.39	23.39		
20	100	0		23.25	23.35	23.38		
20	1	0	16-QAM	23.75	23.29	23.37	29.23	0.8375
20	1	49		23.24	23.44	23.71		
20	1	99		23.90	24.23	23.50		
20	50	0		22.12	22.32	22.30		
20	50	24		22.31	22.24	22.34		
20	50	50		22.21	22.30	22.41		
20	100	0		22.18	22.30	22.31		
20	1	0	64-QAM	22.24	21.81	22.58	27.58	0.5728
20	1	49		22.20	22.57	22.56		
20	1	99		22.45	22.48	22.33		
20	50	0		21.00	21.18	21.29		
20	50	24		21.21	21.27	21.27		
20	50	50		21.16	21.25	21.32		
20	100	0		21.17	21.19	21.21		
20	1	0	256-QAM	18.76	19.03	19.02	24.59	0.2877
20	1	49		19.19	19.59	19.49		
20	1	99		19.22	19.15	19.27		
20	50	0		19.05	19.20	19.21		
20	50	24		19.17	19.11	19.23		
20	50	50		19.17	19.21	19.20		
20	100	0		19.17	19.12	19.22		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.06	23.97	24.27	29.67	0.9268
15	1	37		24.17	24.41	24.67		
15	1	74		24.16	24.19	24.25		
15	36	0		23.13	23.23	23.27		
15	36	20		23.38	23.20	23.42		
15	36	39		23.28	23.37	23.40		
15	75	0		23.25	23.25	23.40		
15	1	0	16-QAM	23.30	23.44	23.78	28.78	0.7551
15	1	37		23.14	23.46	23.77		
15	1	74		23.29	23.77	22.93		
15	36	0		22.15	22.37	22.33		
15	36	20		22.35	22.39	22.46		
15	36	39		22.29	22.34	22.44		
15	75	0		22.31	22.20	22.42		
15	1	0	64-QAM	21.85	22.27	22.39	27.68	0.5861
15	1	37		22.37	22.30	22.68		
15	1	74		21.95	22.55	22.58		
15	36	0		21.10	21.27	21.27		
15	36	20		21.19	21.20	21.29		
15	36	39		21.24	21.21	21.31		
15	75	0		21.12	21.10	21.25		
15	1	0	256-QAM	19.34	19.09	19.24	24.71	0.2958
15	1	37		19.52	19.24	19.58		
15	1	74		19.12	19.24	19.71		
15	36	0		19.07	19.16	19.27		
15	36	20		19.17	19.22	19.39		
15	36	39		19.20	19.24	19.22		
15	75	0		19.18	19.17	19.38		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.02	24.04	24.32	29.32	0.8551
10	1	25		23.97	24.25	24.28		
10	1	49		24.02	24.15	24.24		
10	25	0		23.15	23.16	23.26		
10	25	12		23.20	23.25	23.34		
10	25	25		23.17	23.30	23.39		
10	50	0		23.19	23.14	23.31		
10	1	0	16-QAM	23.18	23.70	23.55	28.70	0.7413
10	1	25		23.14	23.39	23.18		
10	1	49		23.44	23.33	23.59		
10	25	0		22.16	22.22	22.38		
10	25	12		22.20	22.31	22.34		
10	25	25		22.17	22.21	22.40		
10	50	0		22.20	22.28	22.24		
10	1	0	64-QAM	22.36	22.18	22.18	27.51	0.5636
10	1	25		22.02	22.46	21.86		
10	1	49		22.46	22.51	22.29		
10	25	0		20.88	21.19	21.20		
10	25	12		21.15	21.23	21.27		
10	25	25		21.17	21.16	21.26		
10	50	0		21.08	21.05	21.22		
10	1	0	256-QAM	19.24	19.13	19.12	24.41	0.2761
10	1	25		18.77	19.23	19.28		
10	1	49		19.07	19.01	19.15		
10	25	0		18.98	19.08	19.33		
10	25	12		19.18	19.12	19.26		
10	25	25		19.12	19.35	19.41		
10	50	0		19.04	19.20	19.26		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.93	24.16	24.16	29.23	0.8375
5	1	12		24.01	24.20	24.20		
5	1	24		24.01	24.23	24.22		
5	12	0		23.06	23.15	23.19		
5	12	7		23.17	23.32	23.34		
5	12	13		23.05	23.24	23.32		
5	25	0		23.13	23.18	23.38		
5	1	0	16-QAM	23.87	23.70	23.39	28.87	0.7709
5	1	12		23.31	23.52	23.24		
5	1	24		23.48	23.30	22.94		
5	12	0		22.02	22.29	22.28		
5	12	7		22.17	22.32	22.44		
5	12	13		22.19	22.36	22.34		
5	25	0		22.19	22.21	22.23		
5	1	0	64-QAM	22.12	22.33	21.87	27.71	0.5902
5	1	12		22.58	22.20	22.71		
5	1	24		21.89	22.49	22.12		
5	12	0		21.10	21.08	21.05		
5	12	7		21.04	21.35	21.31		
5	12	13		20.98	21.27	21.28		
5	25	0		21.06	21.16	21.17		
5	1	0	256-QAM	19.05	19.25	19.21	24.49	0.2812
5	1	12		19.32	19.20	19.49		
5	1	24		19.45	18.80	19.29		
5	12	0		18.98	19.13	19.21		
5	12	7		19.14	19.31	19.26		
5	12	13		19.05	19.22	19.25		
5	25	0		19.00	18.96	19.35		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.92	24.05	24.10	29.24	0.8395
3	1	8		23.95	24.20	24.24		
3	1	14		23.89	24.02	24.19		
3	8	0		23.12	23.17	23.22		
3	8	4		23.09	23.29	23.35		
3	8	7		23.11	23.23	23.34		
3	15	0		23.05	23.14	23.35		
3	1	0	16-QAM	23.19	23.07	23.85	28.85	0.7674
3	1	8		23.37	23.46	23.69		
3	1	14		23.30	23.41	23.49		
3	8	0		22.28	22.16	22.41		
3	8	4		22.07	22.42	22.30		
3	8	7		22.11	22.28	22.43		
3	15	0		22.06	22.13	22.36		
3	1	0	64-QAM	22.10	22.48	22.27	27.60	0.5754
3	1	8		22.19	22.58	22.60		
3	1	14		21.96	22.09	22.32		
3	8	0		21.07	20.95	21.24		
3	8	4		21.08	21.27	21.34		
3	8	7		20.88	21.08	21.17		
3	15	0		21.02	21.04	21.25		
3	1	0	256-QAM	18.60	18.90	19.28	24.73	0.2972
3	1	8		19.37	19.58	19.21		
3	1	14		19.10	19.38	19.73		
3	8	0		18.97	19.06	19.21		
3	8	4		19.00	19.12	19.27		
3	8	7		19.07	19.12	19.37		
3	15	0		18.99	19.15	19.44		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.92	24.11	24.21	29.34	0.8590
1.4	1	3		23.95	24.12	24.26		
1.4	1	5		23.89	23.95	24.25		
1.4	3	0		24.04	24.09	24.34		
1.4	3	1		23.92	24.18	24.15		
1.4	3	3		23.93	24.09	24.28		
1.4	6	0		23.01	23.04	23.34		
1.4	1	0	16-QAM	23.69	23.21	23.77	28.77	0.7534
1.4	1	3		23.22	23.54	23.74		
1.4	1	5		23.04	23.52	23.44		
1.4	3	0		23.09	23.03	23.33		
1.4	3	1		23.07	23.63	23.35		
1.4	3	3		22.97	23.21	23.52		
1.4	6	0		22.12	22.20	22.32		
1.4	1	0	64-QAM	21.49	22.44	22.37	27.60	0.5754
1.4	1	3		22.17	22.01	22.60		
1.4	1	5		22.13	22.57	22.48		
1.4	3	0		21.90	22.24	22.02		
1.4	3	1		22.04	22.09	22.26		
1.4	3	3		21.90	21.91	22.19		
1.4	6	0		21.01	21.06	21.15		
1.4	1	0	256-QAM	18.72	19.10	19.18	24.69	0.2944
1.4	1	3		19.27	19.39	19.00		
1.4	1	5		18.51	19.28	19.69		
1.4	3	0		18.93	19.14	19.46		
1.4	3	1		19.00	19.08	19.45		
1.4	3	3		19.13	19.15	19.37		
1.4	6	0		18.86	19.03	19.34		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.93	24.98	24.96	32.23	1.6711
10	1	25		24.91	24.98	24.88		
10	1	49		24.79	24.97	24.90		
10	25	0		23.97	23.97	23.87		
10	25	12		24.08	23.93	24.04		
10	25	25		24.04	24.06	23.90		
10	50	0		24.09	24.00	23.94		
10	1	0	16-QAM	24.28	24.62	24.24	31.87	1.5382
10	1	25		24.17	24.33	24.15		
10	1	49		24.42	23.42	24.19		
10	25	0		23.01	22.99	22.99		
10	25	12		23.01	22.94	23.00		
10	25	25		23.02	22.99	23.06		
10	50	0		23.11	22.98	23.07		
10	1	0	64-QAM	23.11	23.04	23.34	30.59	1.1455
10	1	25		23.33	22.99	22.76		
10	1	49		23.17	23.00	23.30		
10	25	0		21.90	22.00	21.83		
10	25	12		22.05	21.96	22.07		
10	25	25		21.96	21.96	21.88		
10	50	0		21.96	21.96	21.98		
10	1	0	256-QAM	20.27	20.29	20.13	27.54	0.5675
10	1	25		19.93	20.11	19.55		
10	1	49		20.06	19.86	20.13		
10	25	0		20.02	20.09	20.08		
10	25	12		20.06	19.85	20.05		
10	25	25		19.89	19.96	19.91		
10	50	0		20.03	19.89	19.90		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.67	24.63	24.61	31.92	1.5560
5	1	12		24.54	24.63	24.64		
5	1	24		24.53	24.61	24.60		
5	12	0		23.60	23.66	23.62		
5	12	7		23.66	23.70	23.70		
5	12	13		23.63	23.64	23.54		
5	25	0		23.68	23.61	23.67		
5	1	0	16-QAM	24.13	24.18	23.96	31.71	1.4825
5	1	12		24.46	23.74	24.09		
5	1	24		23.95	23.68	23.32		
5	12	0		22.63	22.63	22.57		
5	12	7		22.65	22.83	22.72		
5	12	13		22.67	22.65	22.53		
5	25	0		22.75	22.64	22.60		
5	1	0	64-QAM	22.70	22.74	22.93	30.19	1.0447
5	1	12		22.94	22.70	22.77		
5	1	24		22.71	22.58	22.47		
5	12	0		21.47	21.56	21.58		
5	12	7		21.73	21.65	21.51		
5	12	13		21.64	21.67	21.50		
5	25	0		21.55	21.57	21.54		
5	1	0	256-QAM	19.40	19.38	19.49	27.16	0.5200
5	1	12		19.79	19.59	19.91		
5	1	24		19.86	19.82	19.39		
5	12	0		19.68	19.64	19.64		
5	12	7		19.60	19.69	19.58		
5	12	13		19.52	19.54	19.51		
5	25	0		19.65	19.56	19.60		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.60	24.48	24.49	31.94	1.5631
3	1	8		24.61	24.69	24.63		
3	1	14		24.55	24.50	24.45		
3	8	0		23.67	23.58	23.57		
3	8	4		23.61	23.64	23.62		
3	8	7		23.61	23.61	23.60		
3	15	0		23.69	23.52	23.61		
3	1	0	16-QAM	23.77	24.05	23.90	31.32	1.3552
3	1	8		23.46	24.07	23.83		
3	1	14		23.98	23.81	23.74		
3	8	0		22.71	22.65	22.69		
3	8	4		22.76	22.71	22.59		
3	8	7		22.79	22.65	22.81		
3	15	0		22.59	22.64	22.67		
3	1	0	64-QAM	22.91	22.73	22.76	30.24	1.0568
3	1	8		22.56	22.99	22.38		
3	1	14		22.85	22.36	22.35		
3	8	0		21.67	21.62	21.42		
3	8	4		21.60	21.69	21.64		
3	8	7		21.59	21.57	21.60		
3	15	0		21.58	21.57	21.54		
3	1	0	256-QAM	19.45	19.86	19.57	27.24	0.5297
3	1	8		19.71	19.99	19.70		
3	1	14		19.91	19.61	19.46		
3	8	0		19.66	19.55	19.42		
3	8	4		19.80	19.61	19.68		
3	8	7		19.50	19.60	19.70		
3	15	0		19.59	19.63	19.64		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.53	24.56	24.53	31.85	1.5311
1.4	1	3		24.44	24.55	24.58		
1.4	1	5		24.44	24.55	24.47		
1.4	3	0		24.54	24.52	24.50		
1.4	3	1		24.60	24.56	24.55		
1.4	3	3		24.48	24.56	24.49		
1.4	6	0		23.56	23.56	23.52		
1.4	1	0	16-QAM	23.99	24.10	23.92	31.37	1.3709
1.4	1	3		24.12	23.88	23.86		
1.4	1	5		24.03	23.58	23.84		
1.4	3	0		23.91	23.61	23.68		
1.4	3	1		23.61	23.85	23.67		
1.4	3	3		23.87	23.69	23.73		
1.4	6	0		22.69	22.61	22.63		
1.4	1	0	64-QAM	22.50	22.69	22.72	30.10	1.0233
1.4	1	3		22.67	22.85	22.56		
1.4	1	5		22.69	22.67	22.46		
1.4	3	0		22.14	22.59	22.51		
1.4	3	1		22.55	22.77	22.47		
1.4	3	3		22.78	22.75	22.46		
1.4	6	0		21.53	21.65	21.39		
1.4	1	0	256-QAM	19.58	19.65	19.51	27.27	0.5333
1.4	1	3		19.63	19.57	19.67		
1.4	1	5		19.55	19.26	19.24		
1.4	3	0		19.76	19.49	19.25		
1.4	3	1		19.60	20.02	19.52		
1.4	3	3		19.81	19.52	19.69		
1.4	6	0		19.47	19.66	19.64		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.68	24.58	24.79	32.79	1.9011
20	1	49		24.73	24.63	24.75		
20	1	99		24.72	24.53	24.54		
20	50	0		23.75	23.64	23.72		
20	50	24		23.70	23.70	23.67		
20	50	50		23.65	23.61	23.72		
20	100	0		23.65	23.66	23.69		
20	1	0	16-QAM	23.83	24.04	23.87	32.04	1.5996
20	1	49		23.85	23.91	23.93		
20	1	99		23.87	23.70	23.86		
20	50	0		22.72	22.63	22.87		
20	50	24		22.61	22.57	22.60		
20	50	50		22.59	22.59	22.64		
20	100	0		22.62	22.58	22.60		
20	1	0	64-QAM	22.66	22.72	22.86	30.97	1.2503
20	1	49		22.85	22.83	22.89		
20	1	99		22.78	22.97	22.72		
20	50	0		21.75	21.75	21.73		
20	50	24		21.71	21.74	21.75		
20	50	50		21.66	21.66	21.81		
20	100	0		21.63	21.70	21.74		
20	1	0	256-QAM	19.53	19.61	19.66	27.88	0.6138
20	1	49		19.77	19.85	19.88		
20	1	99		19.64	19.51	19.55		
20	50	0		19.73	19.67	19.78		
20	50	24		19.66	19.70	19.80		
20	50	50		19.66	19.64	19.72		
20	100	0		19.69	19.66	19.75		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.62	24.60	24.74	32.74	1.8793
15	1	37		24.66	24.57	24.67		
15	1	74		24.71	24.49	24.45		
15	36	0		23.83	23.65	23.71		
15	36	20		23.81	23.63	23.74		
15	36	39		23.75	23.61	23.70		
15	75	0		23.76	23.56	23.70		
15	1	0	16-QAM	24.07	23.83	23.87	32.15	1.6406
15	1	37		24.15	23.73	23.89		
15	1	74		23.93	23.80	23.76		
15	36	0		22.73	22.66	22.61		
15	36	20		22.78	22.55	22.71		
15	36	39		22.66	22.49	22.61		
15	75	0		22.73	22.53	22.67		
15	1	0	64-QAM	22.73	22.55	22.71	30.91	1.2331
15	1	37		22.81	22.86	22.91		
15	1	74		22.85	22.91	22.75		
15	36	0		21.75	21.66	21.64		
15	36	20		21.78	21.72	21.84		
15	36	39		21.68	21.76	21.81		
15	75	0		21.72	21.73	21.80		
15	1	0	256-QAM	19.90	19.90	19.92	27.93	0.6209
15	1	37		19.78	19.76	19.93		
15	1	74		19.71	19.74	19.89		
15	36	0		19.77	19.72	19.71		
15	36	20		19.81	19.65	19.81		
15	36	39		19.66	19.61	19.73		
15	75	0		19.76	19.65	19.80		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.94	23.89	24.13	32.13	1.6331
10	1	25		23.90	23.86	24.13		
10	1	49		23.86	23.77	24.10		
10	25	0		23.05	22.95	23.08		
10	25	12		23.05	22.95	23.11		
10	25	25		22.92	22.93	23.11		
10	50	0		23.00	22.97	23.06		
10	1	0	16-QAM	23.33	23.23	23.41	31.42	1.3868
10	1	25		23.12	23.20	23.39		
10	1	49		23.26	23.27	23.42		
10	25	0		22.02	21.99	22.09		
10	25	12		22.05	21.92	22.12		
10	25	25		21.96	21.92	22.07		
10	50	0		22.01	21.96	22.03		
10	1	0	64-QAM	22.21	21.99	22.09	30.31	1.0740
10	1	25		22.05	22.15	22.31		
10	1	49		22.17	22.00	22.10		
10	25	0		21.08	20.97	21.06		
10	25	12		21.09	20.99	21.13		
10	25	25		21.10	21.00	21.07		
10	50	0		21.11	21.01	21.06		
10	1	0	256-QAM	19.12	19.03	19.20	27.29	0.5358
10	1	25		19.14	19.08	19.29		
10	1	49		18.90	18.59	19.16		
10	25	0		19.11	18.95	19.07		
10	25	12		19.12	19.02	19.07		
10	25	25		18.92	18.89	19.10		
10	50	0		19.11	18.94	19.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.44	24.57	24.76	32.76	1.8880
5	1	12		24.49	24.61	24.52		
5	1	24		24.44	24.55	24.42		
5	12	0		23.53	23.61	23.70		
5	12	7		23.46	23.65	23.68		
5	12	13		23.41	23.56	23.60		
5	25	0		23.48	23.61	23.60		
5	1	0	16-QAM	23.86	23.91	23.74	31.97	1.5740
5	1	12		23.97	23.91	23.66		
5	1	24		23.73	23.91	23.66		
5	12	0		22.59	22.60	22.60		
5	12	7		22.57	22.65	22.63		
5	12	13		22.51	22.55	22.59		
5	25	0		22.47	22.52	22.55		
5	1	0	64-QAM	22.80	22.65	22.78	30.85	1.2162
5	1	12		22.81	22.81	22.85		
5	1	24		22.80	22.81	22.81		
5	12	0		21.71	21.69	21.66		
5	12	7		21.69	21.78	21.77		
5	12	13		21.59	21.72	21.79		
5	25	0		21.66	21.65	21.71		
5	1	0	256-QAM	19.77	19.83	19.90	27.98	0.6281
5	1	12		19.98	19.89	19.96		
5	1	24		19.72	19.64	19.79		
5	12	0		19.79	19.67	19.74		
5	12	7		19.80	19.79	19.77		
5	12	13		19.78	19.69	19.84		
5	25	0		19.75	19.71	19.70		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.56	24.57	24.43	31.02	1.2647
10	1	25		24.49	24.52	24.31		
10	1	49		24.35	24.16	24.11		
10	25	0		23.60	23.49	23.54		
10	25	12		23.63	23.52	23.46		
10	25	25		23.56	23.40	23.28		
10	50	0		23.60	23.42	23.44		
10	1	0	16-QAM	23.95	23.85	23.79	30.40	1.0965
10	1	25		23.75	23.72	23.62		
10	1	49		23.79	23.50	23.43		
10	25	0		22.60	22.56	22.52		
10	25	12		22.67	22.55	22.47		
10	25	25		22.60	22.39	22.31		
10	50	0		22.64	22.44	22.40		
10	1	0	64-QAM	22.77	22.72	22.52	29.25	0.8414
10	1	25		22.80	22.76	22.52		
10	1	49		22.69	22.57	22.29		
10	25	0		21.54	21.48	21.42		
10	25	12		21.64	21.50	21.42		
10	25	25		21.49	21.40	21.25		
10	50	0		21.54	21.49	21.40		
10	1	0	256-QAM	19.68	19.62	19.56	26.15	0.4121
10	1	25		19.70	19.65	19.44		
10	1	49		19.60	19.36	19.16		
10	25	0		19.55	19.62	19.51		
10	25	12		19.59	19.51	19.43		
10	25	25		19.60	19.43	19.23		
10	50	0		19.56	19.49	19.48		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.49	24.43	24.21	30.95	1.2445
5	1	12		24.50	24.49	24.21		
5	1	24		24.45	24.36	24.07		
5	12	0		23.57	23.50	23.36		
5	12	7		23.62	23.45	23.31		
5	12	13		23.57	23.42	23.23		
5	25	0		23.63	23.50	23.35		
5	1	0	16-QAM	23.83	23.84	23.61	30.44	1.1066
5	1	12		23.99	23.83	23.55		
5	1	24		23.76	23.71	23.51		
5	12	0		22.57	22.58	22.41		
5	12	7		22.70	22.49	22.35		
5	12	13		22.63	22.49	22.31		
5	25	0		22.64	22.51	22.29		
5	1	0	64-QAM	22.70	22.72	22.45	29.17	0.8260
5	1	12		22.69	22.71	22.42		
5	1	24		22.65	22.56	22.28		
5	12	0		21.55	21.50	21.34		
5	12	7		21.59	21.47	21.26		
5	12	13		21.55	21.34	21.12		
5	25	0		21.57	21.44	21.29		
5	1	0	256-QAM	19.61	19.64	19.42	26.14	0.4111
5	1	12		19.69	19.59	19.34		
5	1	24		19.50	19.41	19.17		
5	12	0		19.56	19.49	19.35		
5	12	7		19.57	19.50	19.25		
5	12	13		19.54	19.44	19.14		
5	25	0		19.62	19.44	19.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.47	24.41	24.22	31.00	1.2589
3	1	8		24.55	24.45	24.18		
3	1	14		24.41	24.35	24.07		
3	8	0		23.62	23.47	23.25		
3	8	4		23.62	23.43	23.27		
3	8	7		23.59	23.42	23.23		
3	15	0		23.63	23.49	23.27		
3	1	0	16-QAM	23.83	23.79	23.61	30.38	1.0914
3	1	8		23.93	23.87	23.52		
3	1	14		23.83	23.68	23.54		
3	8	0		22.69	22.52	22.33		
3	8	4		22.64	22.56	22.28		
3	8	7		22.63	22.51	22.27		
3	15	0		22.62	22.56	22.33		
3	1	0	64-QAM	22.72	22.64	22.30	29.17	0.8260
3	1	8		22.67	22.68	22.37		
3	1	14		22.57	22.63	22.39		
3	8	0		21.64	21.46	21.27		
3	8	4		21.62	21.45	21.25		
3	8	7		21.58	21.47	21.22		
3	15	0		21.55	21.40	21.21		
3	1	0	256-QAM	19.55	19.57	19.35	26.17	0.4140
3	1	8		19.72	19.52	19.33		
3	1	14		19.60	19.47	19.08		
3	8	0		19.63	19.44	19.19		
3	8	4		19.66	19.45	19.22		
3	8	7		19.62	19.45	19.24		
3	15	0		19.62	19.45	19.24		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.54	24.34	24.11	30.99	1.2560
1.4	1	3		24.48	24.44	24.21		
1.4	1	5		24.47	24.39	24.15		
1.4	3	0		24.53	24.38	24.14		
1.4	3	1		24.51	24.46	24.11		
1.4	3	3		24.51	24.42	24.09		
1.4	6	0		23.54	23.37	23.12		
1.4	1	0	16-QAM	23.93	23.76	23.40	30.38	1.0914
1.4	1	3		23.86	23.90	23.54		
1.4	1	5		23.86	23.74	23.50		
1.4	3	0		23.67	23.56	23.18		
1.4	3	1		23.67	23.63	23.27		
1.4	3	3		23.71	23.59	23.28		
1.4	6	0		22.64	22.43	22.23		
1.4	1	0	64-QAM	22.76	22.56	22.25	29.21	0.8337
1.4	1	3		22.73	22.69	22.37		
1.4	1	5		22.58	22.54	22.26		
1.4	3	0		22.65	22.53	22.23		
1.4	3	1		22.58	22.46	22.25		
1.4	3	3		22.57	22.48	22.23		
1.4	6	0		21.59	21.44	21.17		
1.4	1	0	256-QAM	19.51	19.39	19.27	26.07	0.4046
1.4	1	3		19.48	19.62	19.25		
1.4	1	5		19.52	19.52	19.15		
1.4	3	0		19.56	19.35	19.21		
1.4	3	1		19.62	19.47	19.17		
1.4	3	3		19.57	19.47	19.17		
1.4	6	0		19.58	19.37	19.15		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 9.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.39	-	31.52	1.4191
10	1	25		-	24.57	-		
10	1	49		-	24.50	-		
10	25	0		-	23.45	-		
10	25	12		-	23.59	-		
10	25	25		-	23.58	-		
10	50	0		-	23.55	-		
10	1	0	16-QAM	-	23.91	-	30.86	1.2190
10	1	25		-	23.85	-		
10	1	49		-	23.87	-		
10	25	0		-	22.53	-		
10	25	12		-	22.56	-		
10	25	25		-	22.60	-		
10	50	0		-	22.61	-		
10	1	0	64-QAM	-	22.60	-	29.66	0.9247
10	1	25		-	22.66	-		
10	1	49		-	22.71	-		
10	25	0		-	21.46	-		
10	25	12		-	21.52	-		
10	25	25		-	21.58	-		
10	50	0		-	21.54	-		
10	1	0	256-QAM	-	19.50	-	26.58	0.4550
10	1	25		-	19.63	-		
10	1	49		-	19.61	-		
10	25	0		-	19.51	-		
10	25	12		-	19.57	-		
10	25	25		-	19.58	-		
10	50	0		-	19.49	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 9.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.26	24.39	24.52	31.50	1.4125
5	1	12		24.46	24.50	24.55		
5	1	24		24.46	24.47	24.46		
5	12	0		23.47	23.52	23.60		
5	12	7		23.54	23.47	23.62		
5	12	13		23.48	23.55	23.58		
5	25	0		23.54	23.49	23.54		
5	1	0	16-QAM	23.69	23.81	23.85	30.86	1.2190
5	1	12		23.83	23.90	23.91		
5	1	24		23.79	23.80	23.91		
5	12	0		22.48	22.57	22.67		
5	12	7		22.56	22.56	22.70		
5	12	13		22.45	22.55	22.64		
5	25	0		22.57	22.53	22.62		
5	1	0	64-QAM	22.55	22.68	22.74	29.76	0.9462
5	1	12		22.53	22.70	22.81		
5	1	24		22.59	22.69	22.64		
5	12	0		21.47	21.54	21.60		
5	12	7		21.47	21.51	21.63		
5	12	13		21.40	21.56	21.54		
5	25	0		21.47	21.46	21.49		
5	1	0	256-QAM	19.39	19.54	19.70	26.73	0.4710
5	1	12		19.56	19.78	19.72		
5	1	24		19.58	19.56	19.60		
5	12	0		19.45	19.55	19.64		
5	12	7		19.52	19.54	19.63		
5	12	13		19.48	19.55	19.55		
5	25	0		19.46	19.57	19.60		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 9.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.21	-	31.30	1.3490
10	1	25		-	24.25	-		
10	1	49		-	24.01	-		
10	25	0		-	23.24	-		
10	25	12		-	23.23	-		
10	25	25		-	23.11	-		
10	50	0		-	23.20	-		
10	1	0	16-QAM	-	23.62	-	30.67	1.1668
10	1	25		-	23.48	-		
10	1	49		-	23.24	-		
10	25	0		-	22.28	-		
10	25	12		-	22.24	-		
10	25	25		-	22.14	-		
10	50	0		-	22.21	-		
10	1	0	64-QAM	-	22.54	-	29.59	0.9099
10	1	25		-	22.38	-		
10	1	49		-	22.30	-		
10	25	0		-	21.29	-		
10	25	12		-	21.17	-		
10	25	25		-	21.15	-		
10	50	0		-	21.16	-		
10	1	0	256-QAM	-	19.39	-	26.44	0.4406
10	1	25		-	19.35	-		
10	1	49		-	19.13	-		
10	25	0		-	19.34	-		
10	25	12		-	19.27	-		
10	25	25		-	19.08	-		
10	50	0		-	19.19	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 9.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.27	24.20	24.15	31.32	1.3552
5	1	12		24.22	24.16	24.10		
5	1	24		24.14	24.10	24.02		
5	12	0		23.37	23.25	23.27		
5	12	7		23.32	23.18	23.19		
5	12	13		23.25	23.10	23.00		
5	25	0		23.25	23.17	23.12		
5	1	0	16-QAM	23.47	23.53	23.46	30.60	1.1482
5	1	12		23.55	23.48	23.37		
5	1	24		23.45	23.43	23.34		
5	12	0		22.35	22.27	22.26		
5	12	7		22.35	22.22	22.23		
5	12	13		22.25	22.20	22.06		
5	25	0		22.30	22.17	22.16		
5	1	0	64-QAM	22.42	22.38	22.25	29.52	0.8954
5	1	12		22.47	22.43	22.34		
5	1	24		22.26	22.35	22.27		
5	12	0		21.34	21.20	21.23		
5	12	7		21.32	21.18	21.17		
5	12	13		21.20	21.09	20.99		
5	25	0		21.24	21.18	21.16		
5	1	0	256-QAM	19.35	19.29	19.34	26.43	0.4395
5	1	12		19.36	19.38	19.26		
5	1	24		19.27	19.16	19.12		
5	12	0		19.38	19.26	19.28		
5	12	7		19.33	19.21	19.18		
5	12	13		19.24	19.13	19.05		
5	25	0		19.30	19.16	19.21		
Limit	ERP < 3W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.28	24.11	24.12	32.31	1.7022
20	1	49		24.31	24.08	24.14		
20	1	99		24.19	24.05	24.08		
20	50	0		23.34	23.12	23.16		
20	50	24		23.39	23.21	23.17		
20	50	50		23.33	23.13	23.21		
20	100	0		23.38	23.16	23.26		
20	1	0	16-QAM	23.56	23.48	23.42	31.94	1.5631
20	1	49		23.44	23.42	23.47		
20	1	99		23.45	23.36	23.94		
20	50	0		22.39	22.17	22.19		
20	50	24		22.35	22.24	22.19		
20	50	50		22.30	22.16	22.22		
20	100	0		22.32	22.14	22.26		
20	1	0	64-QAM	22.51	22.44	22.32	30.51	1.1246
20	1	49		22.48	22.24	22.30		
20	1	99		22.33	22.30	22.29		
20	50	0		21.36	21.05	21.09		
20	50	24		21.35	21.17	21.13		
20	50	50		21.27	21.09	21.16		
20	100	0		21.25	21.07	21.13		
20	1	0	256-QAM	19.26	19.11	19.09	27.41	0.5508
20	1	49		19.41	19.21	19.35		
20	1	99		19.18	18.97	19.15		
20	50	0		19.39	19.11	19.12		
20	50	24		19.35	19.14	19.16		
20	50	50		19.22	19.08	19.13		
20	100	0		19.36	19.15	19.21		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.35	24.07	24.11	32.35	1.7179
15	1	37		24.31	24.12	24.09		
15	1	74		24.27	24.14	24.08		
15	36	0		23.43	23.10	23.15		
15	36	20		23.43	23.17	23.18		
15	36	39		23.40	23.16	23.21		
15	75	0		23.37	23.16	23.13		
15	1	0	16-QAM	23.71	23.34	23.63	31.73	1.4894
15	1	37		23.73	23.43	23.63		
15	1	74		23.65	23.43	23.47		
15	36	0		22.44	22.17	22.20		
15	36	20		22.32	22.18	22.17		
15	36	39		22.30	22.14	22.28		
15	75	0		22.41	22.15	22.13		
15	1	0	64-QAM	22.61	22.29	22.40	30.61	1.1508
15	1	37		22.50	22.35	22.28		
15	1	74		22.39	22.32	22.34		
15	36	0		21.36	21.00	21.11		
15	36	20		21.38	21.14	21.11		
15	36	39		21.31	21.10	21.14		
15	75	0		21.38	21.12	21.05		
15	1	0	256-QAM	19.29	19.05	19.22	27.35	0.5433
15	1	37		19.32	19.31	19.26		
15	1	74		19.28	19.01	19.16		
15	36	0		19.35	19.11	19.20		
15	36	20		19.31	19.20	19.09		
15	36	39		19.30	19.05	19.19		
15	75	0		19.30	19.09	19.14		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.25	24.02	24.05	32.58	1.8113
10	1	25		24.36	24.05	24.07		
10	1	49		24.58	24.00	24.06		
10	25	0		23.34	23.10	23.13		
10	25	12		23.38	23.11	23.25		
10	25	25		23.28	23.10	23.20		
10	50	0		23.36	23.13	23.23		
10	1	0	16-QAM	23.61	23.42	23.40	31.66	1.4655
10	1	25		23.66	23.26	23.36		
10	1	49		23.56	23.28	23.37		
10	25	0		22.36	22.08	22.13		
10	25	12		22.36	22.19	22.25		
10	25	25		22.34	22.11	22.17		
10	50	0		22.40	22.12	22.23		
10	1	0	64-QAM	22.48	22.29	22.34	30.48	1.1169
10	1	25		22.42	22.30	22.27		
10	1	49		22.37	22.10	22.26		
10	25	0		21.38	20.95	21.05		
10	25	12		21.40	21.12	21.22		
10	25	25		21.30	21.04	21.14		
10	50	0		21.31	21.10	21.19		
10	1	0	256-QAM	19.30	19.15	19.07	27.39	0.5483
10	1	25		19.33	19.08	19.18		
10	1	49		19.39	19.20	19.19		
10	25	0		19.39	19.10	19.08		
10	25	12		19.35	19.11	19.20		
10	25	25		19.31	19.09	19.15		
10	50	0		19.34	19.12	19.18		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.30	23.97	23.98	32.32	1.7061
5	1	12		24.32	23.97	24.07		
5	1	24		24.31	23.99	24.10		
5	12	0		23.39	23.11	23.11		
5	12	7		23.37	23.06	23.16		
5	12	13		23.33	23.08	23.24		
5	25	0		23.37	23.08	23.21		
5	1	0	16-QAM	23.51	23.35	23.43	31.65	1.4622
5	1	12		23.65	23.47	23.41		
5	1	24		23.62	23.30	23.44		
5	12	0		22.43	22.14	22.20		
5	12	7		22.38	22.17	22.22		
5	12	13		22.46	22.16	22.26		
5	25	0		22.36	22.10	22.15		
5	1	0	64-QAM	22.51	22.08	22.32	30.51	1.1246
5	1	12		22.47	22.17	22.34		
5	1	24		22.48	22.07	22.21		
5	12	0		21.37	21.05	21.10		
5	12	7		21.36	21.06	21.08		
5	12	13		21.29	21.03	21.16		
5	25	0		21.33	21.01	21.07		
5	1	0	256-QAM	19.46	19.17	19.12	27.46	0.5572
5	1	12		19.38	19.07	19.20		
5	1	24		19.46	19.19	19.29		
5	12	0		19.35	19.08	19.07		
5	12	7		19.37	19.15	19.11		
5	12	13		19.34	19.14	19.11		
5	25	0		19.37	19.10	19.10		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.30	23.92	23.97	32.37	1.7258
3	1	8		24.37	24.02	24.17		
3	1	14		24.25	23.89	24.03		
3	8	0		23.34	23.08	23.10		
3	8	4		23.35	23.04	23.10		
3	8	7		23.35	23.03	23.15		
3	15	0		23.35	23.07	23.14		
3	1	0	16-QAM	23.55	23.32	23.36	31.64	1.4588
3	1	8		23.57	23.38	23.64		
3	1	14		23.61	23.22	23.42		
3	8	0		22.39	22.17	22.19		
3	8	4		22.46	22.15	22.22		
3	8	7		22.48	22.14	22.32		
3	15	0		22.40	22.09	22.21		
3	1	0	64-QAM	22.47	22.12	22.18	30.49	1.1194
3	1	8		22.49	22.25	22.32		
3	1	14		22.43	22.13	22.18		
3	8	0		21.32	21.08	21.08		
3	8	4		21.30	21.03	21.10		
3	8	7		21.31	21.05	21.15		
3	15	0		21.27	20.96	21.05		
3	1	0	256-QAM	19.40	19.12	19.15	27.41	0.5508
3	1	8		19.41	19.15	19.16		
3	1	14		19.39	19.14	19.13		
3	8	0		19.34	19.07	19.09		
3	8	4		19.32	19.04	19.08		
3	8	7		19.32	19.10	19.17		
3	15	0		19.33	19.05	19.08		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.30	23.94	23.99	32.30	1.6982
1.4	1	3		24.24	23.97	24.01		
1.4	1	5		24.25	23.91	23.99		
1.4	3	0		24.30	23.99	24.10		
1.4	3	1		24.25	23.99	24.09		
1.4	3	3		24.25	23.99	24.11		
1.4	6	0		23.25	23.00	23.14		
1.4	1	0	16-QAM	23.64	23.36	23.45	31.64	1.4588
1.4	1	3		23.58	23.47	23.59		
1.4	1	5		23.57	23.36	23.40		
1.4	3	0		23.44	23.17	23.23		
1.4	3	1		23.45	23.22	23.30		
1.4	3	3		23.47	23.09	23.27		
1.4	6	0		22.38	22.04	22.26		
1.4	1	0	64-QAM	22.44	22.17	22.35	30.52	1.1272
1.4	1	3		22.52	22.21	22.24		
1.4	1	5		22.34	22.02	22.12		
1.4	3	0		22.33	22.03	22.12		
1.4	3	1		22.36	22.02	22.17		
1.4	3	3		22.25	21.98	22.17		
1.4	6	0		21.27	21.00	21.12		
1.4	1	0	256-QAM	19.35	18.99	19.10	27.42	0.5521
1.4	1	3		19.42	19.12	19.13		
1.4	1	5		19.36	19.12	19.16		
1.4	3	0		19.35	19.00	19.17		
1.4	3	1		19.31	19.03	19.16		
1.4	3	3		19.35	19.06	19.19		
1.4	6	0		19.28	19.01	19.14		
Limit	EIRP < 2W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.13	24.18	24.14	31.43	1.3900
15	1	37		24.12	24.16	24.10		
15	1	74		24.01	24.02	24.00		
15	36	0		23.20	23.21	23.08		
15	36	20		23.27	23.21	23.02		
15	36	39		23.20	23.18	23.13		
15	75	0		23.33	23.23	23.05		
15	1	0	16-QAM	23.56	23.44	23.35	30.81	1.2050
15	1	37		23.43	23.50	23.39		
15	1	74		23.33	23.45	23.44		
15	36	0		22.25	22.17	22.16		
15	36	20		22.33	22.26	22.23		
15	36	39		22.25	22.14	22.17		
15	75	0		22.28	22.24	22.07		
15	1	0	64-QAM	22.47	22.44	22.31	29.72	0.9376
15	1	37		22.39	22.20	22.21		
15	1	74		22.19	22.25	22.13		
15	36	0		21.14	21.15	21.10		
15	36	20		21.17	21.14	21.09		
15	36	39		21.06	21.07	21.14		
15	75	0		21.18	21.17	21.09		
15	1	0	256-QAM	19.37	19.37	19.23	26.62	0.4592
15	1	37		19.31	19.19	19.27		
15	1	74		19.08	19.06	19.22		
15	36	0		19.24	19.17	19.18		
15	36	20		19.13	19.23	19.06		
15	36	39		19.13	19.13	19.08		
15	75	0		19.23	19.23	19.06		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.15	24.09	24.05	31.40	1.3804
10	1	25		24.12	24.09	24.05		
10	1	49		24.07	23.98	24.01		
10	25	0		23.15	23.16	23.10		
10	25	12		23.26	23.21	23.12		
10	25	25		23.19	23.18	23.10		
10	50	0		23.24	23.20	23.13		
10	1	0	16-QAM	23.38	23.57	23.48	30.82	1.2078
10	1	25		23.49	23.40	23.52		
10	1	49		23.26	23.31	23.40		
10	25	0		22.20	22.12	22.13		
10	25	12		22.25	22.26	22.12		
10	25	25		22.22	22.16	22.14		
10	50	0		22.29	22.23	22.11		
10	1	0	64-QAM	22.45	22.37	22.25	29.70	0.9333
10	1	25		22.33	22.26	22.31		
10	1	49		22.20	22.25	22.21		
10	25	0		21.12	21.08	21.04		
10	25	12		21.18	21.21	21.05		
10	25	25		21.16	21.10	21.09		
10	50	0		21.24	21.20	21.03		
10	1	0	256-QAM	19.25	19.25	19.23	26.58	0.4550
10	1	25		19.27	19.33	19.27		
10	1	49		19.09	18.98	19.06		
10	25	0		19.19	19.16	19.09		
10	25	12		19.23	19.24	19.06		
10	25	25		19.15	19.10	19.12		
10	50	0		19.23	19.18	19.05		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.12	24.11	24.03	31.38	1.3740
5	1	12		24.12	24.13	24.06		
5	1	24		24.05	24.01	23.95		
5	12	0		23.09	23.13	23.10		
5	12	7		23.21	23.15	23.14		
5	12	13		23.12	23.13	23.01		
5	25	0		23.17	23.17	23.14		
5	1	0	16-QAM	23.42	23.52	23.42	30.77	1.1940
5	1	12		23.48	23.47	23.34		
5	1	24		23.48	23.37	23.30		
5	12	0		22.19	22.19	22.10		
5	12	7		22.26	22.22	22.16		
5	12	13		22.17	22.17	22.09		
5	25	0		22.16	22.19	22.17		
5	1	0	64-QAM	22.30	22.40	22.27	29.72	0.9376
5	1	12		22.35	22.35	22.47		
5	1	24		22.18	22.17	22.25		
5	12	0		21.11	21.07	21.02		
5	12	7		21.21	21.10	21.09		
5	12	13		21.06	21.06	21.05		
5	25	0		21.14	21.15	21.12		
5	1	0	256-QAM	19.24	19.11	19.18	26.59	0.4560
5	1	12		19.34	19.24	19.29		
5	1	24		19.20	19.14	19.13		
5	12	0		19.12	19.13	19.11		
5	12	7		19.20	19.17	19.12		
5	12	13		19.21	19.19	19.08		
5	25	0		19.18	19.13	19.18		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.07	24.03	24.04	31.38	1.3740
3	1	8		24.13	24.09	24.05		
3	1	14		23.99	24.02	23.96		
3	8	0		23.19	23.10	23.04		
3	8	4		23.18	23.15	23.10		
3	8	7		23.13	23.10	23.06		
3	15	0		23.15	23.16	23.14		
3	1	0	16-QAM	23.44	23.47	23.38	30.72	1.1803
3	1	8		23.45	23.43	23.44		
3	1	14		23.43	23.35	23.31		
3	8	0		22.26	22.15	22.11		
3	8	4		22.29	22.24	22.23		
3	8	7		22.22	22.13	22.10		
3	15	0		22.23	22.19	22.17		
3	1	0	64-QAM	22.16	22.32	22.14	29.65	0.9226
3	1	8		22.40	22.31	22.34		
3	1	14		22.21	22.23	22.09		
3	8	0		21.19	21.12	21.01		
3	8	4		21.19	21.10	21.06		
3	8	7		21.12	21.15	21.07		
3	15	0		21.17	21.14	21.12		
3	1	0	256-QAM	19.22	19.26	19.12	26.51	0.4477
3	1	8		19.16	19.25	19.16		
3	1	14		19.17	19.10	19.12		
3	8	0		19.14	19.13	19.09		
3	8	4		19.18	19.18	19.10		
3	8	7		19.16	19.12	19.06		
3	15	0		19.16	19.14	19.11		
Limit	ERP < 7W			Result			Pass	

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.11	24.02	24.00	31.41	1.3836
1.4	1	3		24.11	24.10	24.01		
1.4	1	5		24.09	23.99	23.97		
1.4	3	0		24.10	24.16	24.04		
1.4	3	1		24.11	24.14	24.05		
1.4	3	3		24.06	24.05	23.99		
1.4	6	0		23.10	23.14	23.06		
1.4	1	0	16-QAM	23.41	23.47	23.45	30.79	1.1995
1.4	1	3		23.54	23.49	23.53		
1.4	1	5		23.39	23.41	23.33		
1.4	3	0		23.25	23.23	23.23		
1.4	3	1		23.24	23.26	23.14		
1.4	3	3		23.30	23.23	23.17		
1.4	6	0		22.22	22.12	22.05		
1.4	1	0	64-QAM	22.29	22.22	22.18	29.55	0.9016
1.4	1	3		22.25	22.30	22.22		
1.4	1	5		22.20	22.13	22.15		
1.4	3	0		22.25	22.18	22.10		
1.4	3	1		22.22	22.15	22.13		
1.4	3	3		22.17	22.16	22.15		
1.4	6	0		21.06	21.08	21.08		
1.4	1	0	256-QAM	19.29	19.20	19.16	26.54	0.4508
1.4	1	3		19.25	19.25	19.14		
1.4	1	5		19.12	19.08	19.11		
1.4	3	0		19.15	19.16	19.06		
1.4	3	1		19.15	19.17	19.09		
1.4	3	3		19.15	19.07	19.09		
1.4	6	0		19.16	19.14	19.05		
Limit	ERP < 7W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.16	-	-	31.43	1.3900
15	1	37		24.18	-	-		
15	1	74		23.97	-	-		
15	36	0		23.18	-	-		
15	36	20		23.27	-	-		
15	36	39		23.18	-	-		
15	75	0		23.30	-	-		
15	1	0	16-QAM	23.57	-	-	30.83	1.2106
15	1	37		23.58	-	-		
15	1	74		23.20	-	-		
15	36	0		22.17	-	-		
15	36	20		22.31	-	-		
15	36	39		22.25	-	-		
15	75	0		22.35	-	-		
15	1	0	64-QAM	22.44	-	-	29.69	0.9311
15	1	37		22.34	-	-		
15	1	74		22.22	-	-		
15	36	0		21.17	-	-		
15	36	20		21.23	-	-		
15	36	39		21.15	-	-		
15	75	0		21.23	-	-		
15	1	0	256-QAM	19.33	-	-	26.58	0.4550
15	1	37		19.28	-	-		
15	1	74		19.30	-	-		
15	36	0		19.25	-	-		
15	36	20		19.22	-	-		
15	36	39		19.11	-	-		
15	75	0		19.22	-	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.16	-	31.43	1.3900
10	1	25		-	24.18	-		
10	1	49		-	24.05	-		
10	25	0		-	23.20	-		
10	25	12		-	23.23	-		
10	25	25		-	23.24	-		
10	50	0		-	23.26	-		
10	1	0	16-QAM	-	23.59	-	30.90	1.2303
10	1	25		-	23.65	-		
10	1	49		-	23.39	-		
10	25	0		-	22.25	-		
10	25	12		-	22.30	-		
10	25	25		-	22.23	-		
10	50	0		-	22.29	-		
10	1	0	64-QAM	-	22.36	-	29.62	0.9162
10	1	25		-	22.37	-		
10	1	49		-	22.25	-		
10	25	0		-	21.14	-		
10	25	12		-	21.21	-		
10	25	25		-	21.14	-		
10	50	0		-	21.18	-		
10	1	0	256-QAM	-	19.36	-	26.61	0.4581
10	1	25		-	19.18	-		
10	1	49		-	19.11	-		
10	25	0		-	19.19	-		
10	25	12		-	19.17	-		
10	25	25		-	19.12	-		
10	50	0		-	19.23	-		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.10	24.09	24.10	31.41	1.3836
5	1	12		24.12	24.16	24.15		
5	1	24		24.14	24.06	24.07		
5	12	0		23.14	23.17	23.11		
5	12	7		23.21	23.17	23.19		
5	12	13		23.18	23.14	23.16		
5	25	0		23.21	23.19	23.21		
5	1	0	16-QAM	23.45	23.58	23.45	30.85	1.2162
5	1	12		23.60	23.58	23.47		
5	1	24		23.49	23.41	23.34		
5	12	0		22.23	22.22	22.21		
5	12	7		22.24	22.27	22.21		
5	12	13		22.21	22.25	22.20		
5	25	0		22.22	22.20	22.18		
5	1	0	64-QAM	22.35	22.37	22.24	29.64	0.9204
5	1	12		22.32	22.32	22.39		
5	1	24		22.16	22.30	22.26		
5	12	0		21.06	21.14	21.11		
5	12	7		21.16	21.18	21.20		
5	12	13		21.10	21.10	21.16		
5	25	0		21.18	21.13	21.21		
5	1	0	256-QAM	19.22	19.18	19.18	26.52	0.4487
5	1	12		19.24	19.27	19.17		
5	1	24		19.22	19.24	19.11		
5	12	0		19.18	19.13	19.09		
5	12	7		19.22	19.16	19.20		
5	12	13		19.13	19.16	19.11		
5	25	0		19.23	19.16	19.13		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.09	24.07	24.13	31.41	1.3836
3	1	8		24.13	24.14	24.16		
3	1	14		24.04	24.05	24.02		
3	8	0		23.22	23.20	23.15		
3	8	4		23.19	23.18	23.21		
3	8	7		23.14	23.17	23.15		
3	15	0		23.22	23.15	23.17		
3	1	0	16-QAM	23.42	23.51	23.43	30.79	1.1995
3	1	8		23.54	23.48	23.37		
3	1	14		23.40	23.44	23.46		
3	8	0		22.34	22.32	22.20		
3	8	4		22.24	22.22	22.29		
3	8	7		22.24	22.23	22.21		
3	15	0		22.24	22.22	22.19		
3	1	0	64-QAM	22.17	22.26	22.35	29.61	0.9141
3	1	8		22.26	22.33	22.36		
3	1	14		22.16	22.19	22.27		
3	8	0		21.22	21.19	21.11		
3	8	4		21.20	21.20	21.14		
3	8	7		21.16	21.19	21.15		
3	15	0		21.15	21.14	21.22		
3	1	0	256-QAM	19.15	19.18	19.21	26.53	0.4498
3	1	8		19.24	19.16	19.21		
3	1	14		19.24	19.18	19.23		
3	8	0		19.28	19.20	19.14		
3	8	4		19.18	19.15	19.18		
3	8	7		19.16	19.15	19.14		
3	15	0		19.20	19.16	19.20		
Limit	ERP < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.06	24.25	24.10	31.50	1.4125
1.4	1	3		24.15	24.10	24.11		
1.4	1	5		24.05	24.04	24.06		
1.4	3	0		24.16	24.14	24.03		
1.4	3	1		24.13	24.14	24.16		
1.4	3	3		24.07	24.10	24.07		
1.4	6	0		23.12	23.10	23.11		
1.4	1	0	16-QAM	23.44	23.41	23.42	30.80	1.2023
1.4	1	3		23.55	23.49	23.39		
1.4	1	5		23.44	23.53	23.42		
1.4	3	0		23.28	23.27	23.24		
1.4	3	1		23.31	23.27	23.26		
1.4	3	3		23.19	23.32	23.25		
1.4	6	0		22.21	22.22	22.24		
1.4	1	0	64-QAM	22.32	22.29	22.29	29.61	0.9141
1.4	1	3		22.24	22.20	22.22		
1.4	1	5		22.36	22.27	22.20		
1.4	3	0		22.24	22.17	22.20		
1.4	3	1		22.28	22.22	22.25		
1.4	3	3		22.15	22.19	22.17		
1.4	6	0		21.11	21.10	21.15		
1.4	1	0	256-QAM	19.23	19.30	19.16	26.55	0.4519
1.4	1	3		19.22	19.23	19.19		
1.4	1	5		19.01	19.20	19.17		
1.4	3	0		19.15	19.18	19.07		
1.4	3	1		19.10	19.20	19.15		
1.4	3	3		19.12	19.13	19.13		
1.4	6	0		19.07	19.13	19.16		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.07	-	31.41	1.3836
15	1	37		-	24.16	-		
15	1	74		-	24.07	-		
15	36	0		-	23.18	-		
15	36	20		-	23.24	-		
15	36	39		-	23.16	-		
15	75	0		-	23.27	-		
15	1	0	16-QAM	-	23.38	-	30.80	1.2023
15	1	37		-	23.55	-		
15	1	74		-	23.31	-		
15	36	0		-	22.26	-		
15	36	20		-	22.27	-		
15	36	39		-	22.22	-		
15	75	0		-	22.21	-		
15	1	0	64-QAM	-	22.33	-	29.65	0.9226
15	1	37		-	22.40	-		
15	1	74		-	22.20	-		
15	36	0		-	21.19	-		
15	36	20		-	21.16	-		
15	36	39		-	21.16	-		
15	75	0		-	21.12	-		
15	1	0	256-QAM	-	19.43	-	26.68	0.4656
15	1	37		-	19.34	-		
15	1	74		-	19.23	-		
15	36	0		-	19.18	-		
15	36	20		-	19.25	-		
15	36	39		-	19.13	-		
15	75	0		-	19.23	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.09	-	31.43	1.3900
10	1	25		-	24.18	-		
10	1	49		-	23.97	-		
10	25	0		-	23.11	-		
10	25	12		-	23.21	-		
10	25	25		-	23.18	-		
10	50	0		-	23.21	-		
10	1	0	16-QAM	-	23.45	-	30.80	1.2023
10	1	25		-	23.55	-		
10	1	49		-	23.36	-		
10	25	0		-	22.24	-		
10	25	12		-	22.22	-		
10	25	25		-	22.11	-		
10	50	0		-	22.28	-		
10	1	0	64-QAM	-	22.33	-	29.63	0.9183
10	1	25		-	22.38	-		
10	1	49		-	22.32	-		
10	25	0		-	21.10	-		
10	25	12		-	21.22	-		
10	25	25		-	21.12	-		
10	50	0		-	21.24	-		
10	1	0	256-QAM	-	19.28	-	26.53	0.4498
10	1	25		-	19.20	-		
10	1	49		-	19.12	-		
10	25	0		-	19.18	-		
10	25	12		-	19.22	-		
10	25	25		-	19.15	-		
10	50	0		-	19.20	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.13	-	31.38	1.3740
5	1	12		-	24.07	-		
5	1	24		-	24.06	-		
5	12	0		-	23.20	-		
5	12	7		-	23.20	-		
5	12	13		-	23.16	-		
5	25	0		-	23.17	-		
5	1	0	16-QAM	-	23.48	-	30.73	1.1830
5	1	12		-	23.36	-		
5	1	24		-	23.40	-		
5	12	0		-	22.22	-		
5	12	7		-	22.18	-		
5	12	13		-	22.15	-		
5	25	0		-	22.18	-		
5	1	0	64-QAM	-	22.27	-	29.66	0.9247
5	1	12		-	22.41	-		
5	1	24		-	22.26	-		
5	12	0		-	21.10	-		
5	12	7		-	21.21	-		
5	12	13		-	21.14	-		
5	25	0		-	21.19	-		
5	1	0	256-QAM	-	19.18	-	26.59	0.4560
5	1	12		-	19.34	-		
5	1	24		-	19.22	-		
5	12	0		-	19.09	-		
5	12	7		-	19.18	-		
5	12	13		-	19.14	-		
5	25	0		-	19.23	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.05	-	31.40	1.3804
3	1	8		-	24.15	-		
3	1	14		-	24.00	-		
3	8	0		-	23.17	-		
3	8	4		-	23.12	-		
3	8	7		-	23.09	-		
3	15	0		-	23.14	-		
3	1	0	16-QAM	-	23.34	-	30.69	1.1722
3	1	8		-	23.44	-		
3	1	14		-	23.29	-		
3	8	0		-	22.19	-		
3	8	4		-	22.21	-		
3	8	7		-	22.21	-		
3	15	0		-	22.23	-		
3	1	0	64-QAM	-	22.23	-	29.55	0.9016
3	1	8		-	22.28	-		
3	1	14		-	22.30	-		
3	8	0		-	21.19	-		
3	8	4		-	21.18	-		
3	8	7		-	21.17	-		
3	15	0		-	21.12	-		
3	1	0	256-QAM	-	19.19	-	26.50	0.4467
3	1	8		-	19.16	-		
3	1	14		-	19.25	-		
3	8	0		-	19.25	-		
3	8	4		-	19.13	-		
3	8	7		-	19.13	-		
3	15	0		-	19.13	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 StradGPe Maximum Average Power [dBm] (GT - LC = 9.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.07	-	31.48	1.4060
1.4	1	3		-	24.20	-		
1.4	1	5		-	24.22	-		
1.4	3	0		-	24.14	-		
1.4	3	1		-	24.23	-		
1.4	3	3		-	24.22	-		
1.4	6	0		-	23.22	-		
1.4	1	0	16-QAM	-	23.37	-	30.89	1.2274
1.4	1	3		-	23.44	-		
1.4	1	5		-	23.64	-		
1.4	3	0		-	23.24	-		
1.4	3	1		-	23.40	-		
1.4	3	3		-	23.47	-		
1.4	6	0		-	22.24	-		
1.4	1	0	64-QAM	-	22.27	-	29.76	0.9462
1.4	1	3		-	22.51	-		
1.4	1	5		-	22.41	-		
1.4	3	0		-	22.23	-		
1.4	3	1		-	22.32	-		
1.4	3	3		-	22.31	-		
1.4	6	0		-	21.24	-		
1.4	1	0	256-QAM	-	19.17	-	26.63	0.4603
1.4	1	3		-	19.38	-		
1.4	1	5		-	19.22	-		
1.4	3	0		-	19.21	-		
1.4	3	1		-	19.30	-		
1.4	3	3		-	19.29	-		
1.4	6	0		-	19.20	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	24.71	-	23.71	0.2350
10	1	25		-	24.59	-		
10	1	49		-	24.40	-		
10	25	0		-	23.67	-		
10	25	12		-	23.66	-		
10	25	25		-	23.55	-		
10	50	0		-	23.59	-		
10	1	0	16-QAM	-	24.09	-	23.09	0.2037
10	1	25		-	23.97	-		
10	1	49		-	23.78	-		
10	25	0		-	22.67	-		
10	25	12		-	22.68	-		
10	25	25		-	22.53	-		
10	50	0		-	22.62	-		
10	1	0	64-QAM	-	22.84	-	21.84	0.1528
10	1	25		-	22.73	-		
10	1	49		-	22.57	-		
10	25	0		-	21.59	-		
10	25	12		-	21.61	-		
10	25	25		-	21.43	-		
10	50	0		-	21.46	-		
10	1	0	256-QAM	-	19.75	-	18.75	0.0750
10	1	25		-	19.65	-		
10	1	49		-	19.48	-		
10	25	0		-	19.69	-		
10	25	12		-	19.66	-		
10	25	25		-	19.46	-		
10	50	0		-	19.58	-		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.60	24.49	24.44	23.64	0.2312
5	1	12		24.64	24.53	24.46		
5	1	24		24.56	24.46	24.32		
5	12	0		23.67	23.64	23.56		
5	12	7		23.70	23.51	23.51		
5	12	13		23.55	23.54	23.41		
5	25	0		23.65	23.52	23.51		
5	1	0	16-QAM	23.93	23.84	23.85	22.99	0.1991
5	1	12		23.99	23.98	23.94		
5	1	24		23.89	23.95	23.89		
5	12	0		22.77	22.67	22.65		
5	12	7		22.74	22.62	22.58		
5	12	13		22.61	22.58	22.46		
5	25	0		22.72	22.56	22.53		
5	1	0	64-QAM	22.74	22.77	22.65	21.84	0.1528
5	1	12		22.84	22.78	22.63		
5	1	24		22.73	22.62	22.51		
5	12	0		21.61	21.53	21.48		
5	12	7		21.62	21.48	21.48		
5	12	13		21.49	21.45	21.33		
5	25	0		21.60	21.42	21.42		
5	1	0	256-QAM	19.68	19.62	19.65	18.79	0.0757
5	1	12		19.57	19.79	19.59		
5	1	24		19.58	19.49	19.40		
5	12	0		19.66	19.60	19.49		
5	12	7		19.62	19.53	19.53		
5	12	13		19.56	19.48	19.42		
5	25	0		19.66	19.49	19.52		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.01	24.06	24.03	32.10	1.6218
20	1	49		24.10	24.01	24.04		
20	1	99		23.91	23.89	23.83		
20	50	0		23.13	23.03	23.02		
20	50	24		23.15	23.00	23.00		
20	50	50		23.09	23.04	23.02		
20	100	0		23.12	23.08	22.96		
20	1	0	16-QAM	23.47	23.48	23.45	31.49	1.4093
20	1	49		23.49	23.38	23.41		
20	1	99		23.24	23.30	23.19		
20	50	0		22.21	22.12	22.07		
20	50	24		22.19	22.05	22.02		
20	50	50		22.15	22.09	22.06		
20	100	0		22.12	22.08	21.98		
20	1	0	64-QAM	22.38	22.34	22.32	30.38	1.0914
20	1	49		22.18	22.28	22.26		
20	1	99		22.14	22.13	22.07		
20	50	0		21.14	21.04	21.02		
20	50	24		21.14	21.03	21.00		
20	50	50		21.03	21.04	21.01		
20	100	0		21.05	21.01	20.92		
20	1	0	256-QAM	18.96	19.13	19.13	27.27	0.5333
20	1	49		19.17	19.27	18.95		
20	1	99		18.95	18.89	18.85		
20	50	0		19.19	19.04	18.99		
20	50	24		19.11	19.00	18.89		
20	50	50		19.04	18.98	18.93		
20	100	0		19.06	19.08	19.00		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.95	23.95	23.92	32.01	1.5885
15	1	37		24.01	23.99	23.97		
15	1	74		23.93	23.86	23.84		
15	36	0		23.15	23.04	23.02		
15	36	20		23.12	23.10	22.98		
15	36	39		23.09	23.05	23.00		
15	75	0		23.09	23.09	22.94		
15	1	0	16-QAM	23.43	23.45	23.35	31.45	1.3964
15	1	37		23.41	23.44	23.41		
15	1	74		23.22	23.25	23.27		
15	36	0		22.17	22.07	22.03		
15	36	20		22.16	22.15	22.04		
15	36	39		22.11	22.08	22.02		
15	75	0		22.16	22.11	21.97		
15	1	0	64-QAM	22.24	22.24	22.25	30.30	1.0715
15	1	37		22.30	22.30	22.23		
15	1	74		22.21	22.20	22.16		
15	36	0		21.14	21.06	21.03		
15	36	20		21.13	21.11	20.94		
15	36	39		21.06	21.07	20.98		
15	75	0		21.05	21.08	20.91		
15	1	0	256-QAM	19.20	19.18	18.92	27.22	0.5272
15	1	37		19.22	19.21	19.19		
15	1	74		19.00	19.04	19.07		
15	36	0		19.11	19.01	18.98		
15	36	20		19.10	19.09	18.91		
15	36	39		19.01	19.02	18.91		
15	75	0		19.08	19.13	18.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.01	23.97	23.97	32.05	1.6032
10	1	25		24.05	24.00	23.98		
10	1	49		23.97	23.92	23.85		
10	25	0		23.10	23.02	23.06		
10	25	12		23.12	23.11	23.07		
10	25	25		23.07	23.05	23.03		
10	50	0		23.12	23.09	23.06		
10	1	0	16-QAM	23.44	23.49	23.40	31.49	1.4093
10	1	25		23.42	23.39	23.29		
10	1	49		23.40	23.32	23.25		
10	25	0		22.17	22.04	22.12		
10	25	12		22.17	22.14	22.13		
10	25	25		22.13	22.10	22.06		
10	50	0		22.16	22.15	22.12		
10	1	0	64-QAM	22.26	22.18	22.22	30.27	1.0641
10	1	25		22.18	22.27	22.24		
10	1	49		22.15	22.21	22.00		
10	25	0		21.12	21.02	21.09		
10	25	12		21.14	21.14	21.08		
10	25	25		21.08	21.06	21.01		
10	50	0		21.08	21.07	21.05		
10	1	0	256-QAM	19.03	19.14	19.12	27.22	0.5272
10	1	25		19.10	19.11	19.02		
10	1	49		19.06	19.05	19.00		
10	25	0		19.22	19.03	19.06		
10	25	12		19.13	19.11	19.15		
10	25	25		19.10	19.15	19.04		
10	50	0		19.11	19.07	19.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.01	24.02	23.93	32.05	1.6032
5	1	12		24.05	23.97	23.93		
5	1	24		23.98	23.94	23.91		
5	12	0		23.14	23.09	22.98		
5	12	7		23.11	23.10	23.01		
5	12	13		23.08	23.05	22.99		
5	25	0		23.12	23.07	22.94		
5	1	0	16-QAM	23.40	23.50	23.32	31.50	1.4125
5	1	12		23.40	23.44	23.31		
5	1	24		23.46	23.35	23.25		
5	12	0		22.18	22.16	22.03		
5	12	7		22.19	22.12	22.11		
5	12	13		22.17	22.15	22.04		
5	25	0		22.15	22.13	21.97		
5	1	0	64-QAM	22.29	22.24	22.11	30.34	1.0814
5	1	12		22.34	22.23	22.19		
5	1	24		22.23	22.23	22.09		
5	12	0		21.10	21.09	20.94		
5	12	7		21.08	21.10	21.00		
5	12	13		21.07	21.06	20.96		
5	25	0		21.06	21.08	20.91		
5	1	0	256-QAM	19.19	19.17	19.05	27.25	0.5309
5	1	12		19.12	19.25	19.15		
5	1	24		19.09	19.15	19.04		
5	12	0		19.11	19.10	18.92		
5	12	7		19.12	19.10	19.01		
5	12	13		19.12	19.10	19.01		
5	25	0		19.11	19.11	18.89		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.92	24.40	24.08	32.62	1.8281
20	1	49		24.47	24.48	24.10		
20	1	99		24.62	24.31	23.96		
20	50	0		20.81	23.46	23.16		
20	50	24		23.53	23.53	23.16		
20	50	50		22.12	23.47	23.16		
20	100	0		21.56	23.50	23.10		
20	1	0	16-QAM	20.21	23.58	23.20	31.58	1.4388
20	1	49		23.56	23.49	23.22		
20	1	99		23.09	23.43	23.04		
20	50	0		19.61	22.49	22.20		
20	50	24		22.56	22.56	22.18		
20	50	50		20.96	22.47	22.17		
20	100	0		20.39	22.43	22.11		
20	1	0	64-QAM	18.56	22.44	22.13	30.47	1.1143
20	1	49		22.47	22.39	22.02		
20	1	99		22.05	22.33	21.99		
20	50	0		19.37	21.43	21.14		
20	50	24		21.51	21.48	21.10		
20	50	50		20.03	21.44	21.10		
20	100	0		18.82	21.42	20.98		
20	1	0	256-QAM	17.21	19.33	19.08	28.04	0.6368
20	1	49		19.37	19.46	19.05		
20	1	99		20.04	18.74	19.09		
20	50	0		16.63	19.43	19.07		
20	50	24		19.51	19.54	19.05		
20	50	50		18.45	19.42	19.06		
20	100	0		16.53	19.49	19.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.57	24.39	24.10	32.55	1.7989
15	1	37		24.55	24.43	24.08		
15	1	74		24.46	24.33	23.96		
15	36	0		20.73	23.46	23.12		
15	36	20		23.48	23.52	23.12		
15	36	39		22.42	23.49	23.13		
15	75	0		20.47	23.49	23.11		
15	1	0	16-QAM	20.58	23.51	23.11	31.57	1.4355
15	1	37		23.51	23.57	23.13		
15	1	74		23.47	23.39	22.99		
15	36	0		19.43	22.46	22.12		
15	36	20		22.47	22.51	22.10		
15	36	39		21.47	22.43	22.11		
15	75	0		19.45	22.44	22.10		
15	1	0	64-QAM	19.50	22.42	22.15	30.56	1.1376
15	1	37		22.40	22.56	22.03		
15	1	74		22.38	22.41	21.97		
15	36	0		18.52	21.39	21.08		
15	36	20		21.38	21.50	21.05		
15	36	39		20.73	21.46	21.08		
15	75	0		18.32	21.47	21.03		
15	1	0	256-QAM	16.36	19.39	18.92	27.53	0.5662
15	1	37		19.40	19.40	18.99		
15	1	74		19.19	19.40	18.96		
15	36	0		16.48	19.47	19.00		
15	36	20		19.41	19.53	19.03		
15	36	39		18.41	19.31	19.04		
15	75	0		16.42	19.49	18.99		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	20.65	24.32	23.99	32.38	1.7298
10	1	25		24.38	24.35	24.00		
10	1	49		24.33	24.32	23.91		
10	25	0		21.53	23.41	23.03		
10	25	12		23.55	23.50	23.04		
10	25	25		22.42	23.48	23.05		
10	50	0		21.45	23.50	22.99		
10	1	0	16-QAM	20.53	23.42	23.01	31.48	1.4060
10	1	25		23.47	23.48	23.04		
10	1	49		23.33	23.42	22.92		
10	25	0		20.54	22.45	22.06		
10	25	12		22.55	22.52	22.07		
10	25	25		21.51	22.41	22.08		
10	50	0		20.49	22.50	22.04		
10	1	0	64-QAM	18.63	22.40	21.99	30.40	1.0965
10	1	25		22.30	22.37	21.95		
10	1	49		22.30	22.25	21.83		
10	25	0		19.51	21.40	21.02		
10	25	12		21.51	21.52	21.02		
10	25	25		20.37	21.46	21.03		
10	50	0		18.84	21.46	20.98		
10	1	0	256-QAM	16.38	19.26	18.96	27.54	0.5675
10	1	25		19.34	19.34	19.01		
10	1	49		19.48	19.30	19.00		
10	25	0		17.57	19.43	19.02		
10	25	12		19.54	19.54	18.99		
10	25	25		18.37	19.45	19.03		
10	50	0		17.61	19.47	18.98		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC3 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.38	24.03	23.95	32.03	1.5959
5	1	12		23.90	24.02	23.99		
5	1	24		23.80	23.98	23.92		
5	12	0		20.46	23.12	23.07		
5	12	7		20.61	23.12	23.04		
5	12	13		22.89	23.10	23.03		
5	25	0		20.78	23.12	23.01		
5	1	0	16-QAM	20.97	23.11	23.07	31.13	1.2972
5	1	12		22.89	23.13	23.04		
5	1	24		22.92	23.08	23.03		
5	12	0		19.95	22.13	22.08		
5	12	7		19.67	22.13	22.03		
5	12	13		21.88	22.12	22.02		
5	25	0		20.01	22.15	22.03		
5	1	0	64-QAM	19.87	22.12	21.92	30.12	1.0280
5	1	12		21.78	22.08	21.94		
5	1	24		21.97	22.05	21.92		
5	12	0		18.89	21.10	21.02		
5	12	7		18.91	21.08	21.01		
5	12	13		21.06	21.06	20.99		
5	25	0		18.93	21.09	21.03		
5	1	0	256-QAM	16.76	19.08	19.05	27.19	0.5236
5	1	12		18.83	19.05	18.96		
5	1	24		18.88	19.09	18.90		
5	12	0		16.57	19.18	19.03		
5	12	7		16.08	19.16	19.02		
5	12	13		18.92	19.11	19.00		
5	25	0		16.91	19.19	19.05		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.02	27.11	26.88	32.25	1.6788
20	1	49		27.25	26.64	26.60		
20	1	99		27.21	26.66	26.60		
20	50	0		22.24	26.11	25.79		
20	50	24		26.29	26.18	25.76		
20	50	50		22.87	26.10	25.75		
20	100	0		21.53	26.13	25.72		
20	1	0	16-QAM	21.53	25.79	26.44	31.75	1.4962
20	1	49		26.75	25.90	26.22		
20	1	99		26.48	26.00	26.10		
20	50	0		21.27	25.16	24.84		
20	50	24		25.32	25.22	24.81		
20	50	50		22.18	25.17	24.83		
20	100	0		20.91	25.17	24.77		
20	1	0	64-QAM	20.35	25.28	25.15	30.31	1.0740
20	1	49		25.31	25.20	24.99		
20	1	99		25.27	25.12	24.83		
20	50	0		20.22	24.08	23.77		
20	50	24		24.22	24.19	23.76		
20	50	50		20.69	24.10	23.76		
20	100	0		20.05	24.06	23.65		
20	1	0	256-QAM	17.35	22.15	21.88	27.45	0.5559
20	1	49		22.45	22.27	21.84		
20	1	99		22.01	21.97	21.90		
20	50	0		18.24	22.05	21.69		
20	50	24		22.23	22.22	21.77		
20	50	50		19.09	22.03	21.73		
20	100	0		17.88	22.11	21.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.97	26.33	26.55	32.05	1.6032
15	1	37		27.00	26.45	26.61		
15	1	74		27.05	26.52	26.37		
15	36	0		22.27	26.01	25.77		
15	36	20		26.19	26.07	25.75		
15	36	39		23.16	26.07	25.78		
15	75	0		22.20	26.05	25.70		
15	1	0	16-QAM	21.46	25.72	26.22	31.51	1.4158
15	1	37		26.51	25.86	26.04		
15	1	74		26.41	25.91	25.92		
15	36	0		21.29	25.09	24.81		
15	36	20		25.24	25.18	24.78		
15	36	39		22.20	25.08	24.78		
15	75	0		21.13	25.13	24.77		
15	1	0	64-QAM	20.52	25.10	24.89	30.30	1.0715
15	1	37		25.29	25.17	24.93		
15	1	74		25.30	25.14	24.79		
15	36	0		20.26	24.12	23.75		
15	36	20		24.19	24.18	23.74		
15	36	39		21.12	24.15	23.74		
15	75	0		20.16	24.13	23.69		
15	1	0	256-QAM	17.17	22.20	21.70	27.30	0.5370
15	1	37		22.30	22.28	21.93		
15	1	74		22.03	22.10	21.72		
15	36	0		18.20	22.09	21.69		
15	36	20		22.17	22.19	21.72		
15	36	39		18.82	22.13	21.73		
15	75	0		18.15	22.16	21.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.29	26.74	26.63	32.18	1.6520
10	1	25		27.04	26.78	26.64		
10	1	49		27.18	26.75	26.56		
10	25	0		23.32	26.06	25.71		
10	25	12		26.33	26.14	25.71		
10	25	25		25.23	26.13	25.74		
10	50	0		23.28	26.17	25.68		
10	1	0	16-QAM	21.40	25.86	26.15	31.68	1.4723
10	1	25		26.29	25.99	26.13		
10	1	49		26.68	26.00	26.09		
10	25	0		22.37	25.11	24.73		
10	25	12		25.36	25.18	24.73		
10	25	25		24.24	25.16	24.76		
10	50	0		22.32	25.20	24.73		
10	1	0	64-QAM	19.59	25.26	24.96	30.49	1.1194
10	1	25		25.42	25.23	25.00		
10	1	49		25.49	25.25	24.93		
10	25	0		21.30	24.07	23.73		
10	25	12		24.28	24.15	23.74		
10	25	25		23.18	24.14	23.74		
10	50	0		21.26	24.15	23.67		
10	1	0	256-QAM	17.13	22.23	21.84	27.40	0.5495
10	1	25		22.40	22.28	21.88		
10	1	49		22.22	22.15	21.82		
10	25	0		19.34	22.14	21.68		
10	25	12		22.26	22.18	21.76		
10	25	25		21.30	22.16	21.82		
10	50	0		19.24	22.15	21.64		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 PC2 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.71	26.48	26.64	31.69	1.4757
5	1	12		26.65	26.54	26.63		
5	1	24		26.69	26.49	26.64		
5	12	0		22.76	25.77	25.80		
5	12	7		22.80	25.76	25.79		
5	12	13		25.75	25.70	25.74		
5	25	0		22.82	25.70	25.76		
5	1	0	16-QAM	23.07	25.69	26.32	31.32	1.3552
5	1	12		25.91	25.88	26.26		
5	1	24		26.05	25.84	26.22		
5	12	0		21.81	24.71	24.82		
5	12	7		21.85	24.72	24.83		
5	12	13		24.80	24.70	24.78		
5	25	0		21.79	24.69	24.79		
5	1	0	64-QAM	21.88	25.08	24.97	30.26	1.0617
5	1	12		25.00	25.24	24.90		
5	1	24		24.97	25.26	24.96		
5	12	0		20.78	23.90	23.82		
5	12	7		20.80	23.90	23.79		
5	12	13		23.71	23.87	23.73		
5	25	0		20.78	23.86	23.78		
5	1	0	256-QAM	18.98	21.98	21.81	26.99	0.5000
5	1	12		21.87	21.98	21.83		
5	1	24		21.88	21.99	21.87		
5	12	0		18.86	21.92	21.81		
5	12	7		18.57	21.90	21.79		
5	12	13		21.74	21.91	21.78		
5	25	0		18.87	21.89	21.78		
Limit	EIRP < 2W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.61	23.82	24.14	29.22	0.8356
20	1	49		23.72	23.92	24.21		
20	1	99		23.68	23.81	24.22		
20	50	0		22.69	22.84	23.13		
20	50	24		22.78	22.97	23.19		
20	50	50		22.80	22.92	23.28		
20	100	0		22.77	22.94	23.27		
20	1	0	16-QAM	22.99	23.12	23.42	28.58	0.7211
20	1	49		23.07	23.22	23.58		
20	1	99		22.95	23.14	23.53		
20	50	0		21.74	21.86	22.18		
20	50	24		21.81	21.96	22.23		
20	50	50		21.84	21.95	22.32		
20	100	0		21.78	21.94	22.26		
20	1	0	64-QAM	21.93	21.97	22.40	27.46	0.5572
20	1	49		21.96	22.12	22.46		
20	1	99		21.88	22.09	22.34		
20	50	0		20.70	20.85	21.16		
20	50	24		20.82	20.97	21.20		
20	50	50		20.83	20.95	21.32		
20	100	0		20.76	20.89	21.25		
20	1	0	256-QAM	18.86	18.99	19.30	24.31	0.2698
20	1	49		18.87	19.01	19.31		
20	1	99		18.70	18.96	19.23		
20	50	0		18.75	18.95	19.20		
20	50	24		18.81	19.00	19.21		
20	50	50		18.74	18.91	19.20		
20	100	0		18.82	18.97	19.28		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.61	23.79	24.11	29.20	0.8318
15	1	37		23.61	23.83	24.20		
15	1	74		23.65	23.78	24.15		
15	36	0		22.63	22.86	23.15		
15	36	20		22.74	22.92	23.28		
15	36	39		22.75	22.92	23.27		
15	75	0		22.76	22.95	23.27		
15	1	0	16-QAM	22.89	23.07	23.40	28.51	0.7096
15	1	37		22.94	23.22	23.49		
15	1	74		22.96	23.09	23.51		
15	36	0		21.64	21.80	22.15		
15	36	20		21.78	21.93	22.28		
15	36	39		21.78	21.91	22.28		
15	75	0		21.77	21.98	22.30		
15	1	0	64-QAM	21.88	22.05	22.47	27.54	0.5675
15	1	37		21.90	22.12	22.54		
15	1	74		21.99	22.15	22.43		
15	36	0		20.63	20.82	21.16		
15	36	20		20.77	20.92	21.28		
15	36	39		20.78	20.90	21.27		
15	75	0		20.78	20.95	21.29		
15	1	0	256-QAM	18.93	19.10	19.34	24.37	0.2735
15	1	37		18.84	19.06	19.37		
15	1	74		18.84	19.00	19.36		
15	36	0		18.76	18.94	19.22		
15	36	20		18.78	18.94	19.30		
15	36	39		18.76	18.92	19.26		
15	75	0		18.79	18.99	19.30		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.50	23.79	24.16	29.21	0.8337
10	1	25		23.63	23.79	24.21		
10	1	49		23.60	23.76	24.17		
10	25	0		22.70	22.84	23.21		
10	25	12		22.74	22.91	23.23		
10	25	25		22.69	22.89	23.25		
10	50	0		22.66	22.91	23.19		
10	1	0	16-QAM	22.88	23.13	23.51	28.55	0.7161
10	1	25		22.98	23.17	23.55		
10	1	49		22.97	23.11	23.55		
10	25	0		21.73	21.85	22.19		
10	25	12		21.74	21.93	22.24		
10	25	25		21.75	21.91	22.29		
10	50	0		21.77	21.95	22.24		
10	1	0	64-QAM	21.76	21.98	22.32	27.37	0.5458
10	1	25		21.80	22.05	22.37		
10	1	49		21.74	21.93	22.37		
10	25	0		20.76	20.84	21.18		
10	25	12		20.77	20.96	21.27		
10	25	25		20.77	20.94	21.31		
10	50	0		20.76	20.95	21.25		
10	1	0	256-QAM	18.77	18.95	19.26	24.38	0.2742
10	1	25		18.79	19.01	19.35		
10	1	49		18.72	18.93	19.38		
10	25	0		18.81	18.85	19.32		
10	25	12		18.81	19.02	19.29		
10	25	25		18.75	18.95	19.37		
10	50	0		18.72	18.95	19.24		
Limit	EIRP < 1W			Result			Pass	

Part 27Q LTE Band 42 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.57	23.76	24.13	29.22	0.8356
5	1	12		23.59	23.80	24.19		
5	1	24		23.54	23.81	24.22		
5	12	0		22.71	22.79	23.17		
5	12	7		22.67	22.90	23.19		
5	12	13		22.66	22.88	23.25		
5	25	0		22.72	22.86	23.18		
5	1	0	16-QAM	22.88	23.00	23.44	28.51	0.7096
5	1	12		22.98	23.16	23.51		
5	1	24		22.84	23.09	23.44		
5	12	0		21.72	21.85	22.23		
5	12	7		21.72	21.93	22.23		
5	12	13		21.75	21.91	22.29		
5	25	0		21.71	21.90	22.22		
5	1	0	64-QAM	21.74	22.08	22.38	27.46	0.5572
5	1	12		21.89	22.08	22.46		
5	1	24		21.79	22.04	22.45		
5	12	0		20.71	20.82	21.17		
5	12	7		20.70	20.89	21.21		
5	12	13		20.71	20.89	21.29		
5	25	0		20.71	20.93	21.18		
5	1	0	256-QAM	18.77	18.94	19.35	24.49	0.2812
5	1	12		18.79	19.01	19.44		
5	1	24		18.92	19.04	19.49		
5	12	0		18.72	18.86	19.29		
5	12	7		18.69	18.91	19.24		
5	12	13		18.71	18.91	19.35		
5	25	0		18.75	18.92	19.28		
Limit	EIRP < 1W			Result			Pass	

Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.26	23.98	23.77	29.33	0.8570
20	1	49		24.33	24.04	23.72		
20	1	99		24.21	24.03	23.62		
20	50	0		23.21	22.97	22.71		
20	50	24		23.24	23.07	22.71		
20	50	50		23.30	23.02	22.71		
20	100	0		23.18	23.05	22.63		
20	1	0	16-QAM	23.51	23.43	23.11	28.62	0.7278
20	1	49		23.62	23.44	23.11		
20	1	99		23.54	23.30	22.84		
20	50	0		22.23	22.00	21.74		
20	50	24		22.26	22.08	21.72		
20	50	50		22.32	22.05	21.72		
20	100	0		22.22	22.01	21.65		
20	1	0	64-QAM	22.54	22.30	22.05	27.56	0.5702
20	1	49		22.56	22.40	22.02		
20	1	99		22.47	22.18	21.88		
20	50	0		21.23	20.98	20.74		
20	50	24		21.26	21.07	20.71		
20	50	50		21.32	21.02	20.72		
20	100	0		21.14	20.98	20.64		
20	1	0	256-QAM	19.31	18.99	18.85	24.51	0.2825
20	1	49		19.51	19.24	18.90		
20	1	99		19.21	18.91	18.63		
20	50	0		19.24	19.07	18.68		
20	50	24		19.26	19.07	18.72		
20	50	50		19.26	19.04	18.59		
20	100	0		19.24	19.06	18.66		
Limit	EIRP < 1W			Result			Pass	

Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.20	23.96	23.63	29.25	0.8414
15	1	37		24.25	23.99	23.69		
15	1	74		24.23	24.01	23.58		
15	36	0		23.24	22.96	22.67		
15	36	20		23.33	23.07	22.75		
15	36	39		23.32	23.05	22.73		
15	75	0		23.31	23.01	22.71		
15	1	0	16-QAM	23.49	23.27	23.02	28.58	0.7211
15	1	37		23.58	23.40	22.91		
15	1	74		23.54	23.28	22.81		
15	36	0		22.23	21.95	21.67		
15	36	20		22.36	22.05	21.75		
15	36	39		22.28	22.03	21.70		
15	75	0		22.29	22.02	21.72		
15	1	0	64-QAM	22.51	22.29	22.00	27.6	0.5754
15	1	37		22.60	22.31	21.95		
15	1	74		22.45	22.23	21.88		
15	36	0		21.21	20.99	20.67		
15	36	20		21.32	21.06	20.75		
15	36	39		21.33	21.01	20.70		
15	75	0		21.27	21.01	20.69		
15	1	0	256-QAM	19.36	19.12	18.77	24.43	0.2773
15	1	37		19.43	19.24	18.91		
15	1	74		19.34	19.01	18.68		
15	36	0		19.25	19.04	18.69		
15	36	20		19.36	19.11	18.73		
15	36	39		19.27	19.00	18.59		
15	75	0		19.33	19.10	18.71		
Limit	EIRP < 1W			Result			Pass	

Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.19	23.90	23.56	29.24	0.8395
10	1	25		24.24	23.96	23.59		
10	1	49		24.23	23.91	23.52		
10	25	0		23.21	22.97	22.60		
10	25	12		23.22	23.09	22.62		
10	25	25		23.27	23.00	22.63		
10	50	0		23.20	23.05	22.56		
10	1	0	16-QAM	23.44	23.20	22.95	28.59	0.7228
10	1	25		23.53	23.21	22.85		
10	1	49		23.59	23.19	22.89		
10	25	0		22.21	22.00	21.65		
10	25	12		22.24	22.08	21.62		
10	25	25		22.29	22.06	21.70		
10	50	0		22.24	22.07	21.60		
10	1	0	64-QAM	22.39	22.11	21.81	27.5	0.5623
10	1	25		22.48	22.18	21.73		
10	1	49		22.50	22.16	21.74		
10	25	0		21.27	21.00	20.62		
10	25	12		21.32	21.10	20.64		
10	25	25		21.37	21.05	20.68		
10	50	0		21.26	21.08	20.58		
10	1	0	256-QAM	19.34	19.05	18.61	24.42	0.2767
10	1	25		19.42	19.16	18.80		
10	1	49		19.37	19.11	18.77		
10	25	0		19.26	19.02	18.68		
10	25	12		19.25	19.05	18.64		
10	25	25		19.38	19.09	18.67		
10	50	0		19.22	19.01	18.55		
Limit	EIRP < 1W			Result			Pass	

Part 270 LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.18	23.94	23.54	29.25	0.8414
5	1	12		24.25	23.98	23.58		
5	1	24		24.23	23.97	23.52		
5	12	0		23.23	22.99	22.59		
5	12	7		23.30	23.03	22.63		
5	12	13		23.25	23.05	22.59		
5	25	0		23.29	23.04	22.64		
5	1	0	16-QAM	23.53	23.19	22.84	28.59	0.7228
5	1	12		23.59	23.28	22.90		
5	1	24		23.56	23.16	22.82		
5	12	0		22.22	22.02	21.66		
5	12	7		22.33	22.07	21.69		
5	12	13		22.35	22.09	21.65		
5	25	0		22.29	22.06	21.66		
5	1	0	64-QAM	22.37	22.15	21.77	27.47	0.5585
5	1	12		22.47	22.18	21.77		
5	1	24		22.43	22.09	21.75		
5	12	0		21.22	20.97	20.54		
5	12	7		21.30	21.05	20.65		
5	12	13		21.30	21.06	20.59		
5	25	0		21.37	21.05	20.64		
5	1	0	256-QAM	19.29	19.05	18.68	24.40	0.2754
5	1	12		19.39	19.14	18.74		
5	1	24		19.40	19.15	18.65		
5	12	0		19.27	18.98	18.59		
5	12	7		19.36	19.06	18.65		
5	12	13		19.31	19.07	18.63		
5	25	0		19.39	19.04	18.68		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.24	24.49	24.49	29.67	0.9268
20	1	49		24.39	24.59	24.61		
20	1	99		24.42	24.67	24.64		
20	50	0		23.33	23.55	23.60		
20	50	24		23.41	23.57	23.70		
20	50	50		23.40	23.67	23.68		
20	100	0		23.42	23.55	23.70		
20	1	0	16-QAM	23.46	23.78	23.90	29.05	0.8035
20	1	49		23.72	23.99	24.05		
20	1	99		23.75	23.89	24.00		
20	50	0		22.32	22.55	22.66		
20	50	24		22.50	22.57	22.76		
20	50	50		22.51	22.65	22.70		
20	100	0		22.46	22.59	22.68		
20	1	0	64-QAM	22.26	22.64	22.78	27.99	0.6295
20	1	49		22.60	22.76	22.72		
20	1	99		22.65	22.71	22.99		
20	50	0		21.28	21.45	21.57		
20	50	24		21.42	21.45	21.65		
20	50	50		21.47	21.63	21.64		
20	100	0		21.35	21.41	21.62		
20	1	0	256-QAM	19.20	19.42	19.34	24.64	0.2911
20	1	49		19.53	19.62	19.64		
20	1	99		19.52	19.54	19.49		
20	50	0		19.28	19.51	19.55		
20	50	24		19.48	19.55	19.64		
20	50	50		19.39	19.54	19.61		
20	100	0		19.36	19.52	19.61		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.27	24.44	24.53	29.63	0.9183
15	1	37		24.32	24.55	24.60		
15	1	74		24.43	24.52	24.63		
15	36	0		23.34	23.57	23.60		
15	36	20		23.44	23.61	23.65		
15	36	39		23.40	23.63	23.72		
15	75	0		23.46	23.55	23.57		
15	1	0	16-QAM	23.54	23.73	23.87	29.07	0.8072
15	1	37		23.76	23.81	23.84		
15	1	74		23.77	23.85	24.07		
15	36	0		22.32	22.53	22.66		
15	36	20		22.50	22.58	22.62		
15	36	39		22.50	22.66	22.71		
15	75	0		22.47	22.58	22.60		
15	1	0	64-QAM	22.57	22.55	22.87	27.87	0.6124
15	1	37		22.54	22.81	22.74		
15	1	74		22.60	22.73	22.71		
15	36	0		21.26	21.49	21.57		
15	36	20		21.38	21.48	21.58		
15	36	39		21.40	21.48	21.75		
15	75	0		21.38	21.41	21.54		
15	1	0	256-QAM	19.24	19.45	19.64	24.70	0.2951
15	1	37		19.51	19.69	19.70		
15	1	74		19.48	19.54	19.69		
15	36	0		19.30	19.49	19.57		
15	36	20		19.36	19.52	19.63		
15	36	39		19.37	19.56	19.66		
15	75	0		19.38	19.52	19.60		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.18	24.49	24.48	29.61	0.9141
10	1	25		24.27	24.54	24.56		
10	1	49		24.32	24.55	24.61		
10	25	0		23.26	23.52	23.57		
10	25	12		23.36	23.57	23.71		
10	25	25		23.37	23.62	23.65		
10	50	0		23.39	23.60	23.68		
10	1	0	16-QAM	23.60	23.83	23.92	28.92	0.7798
10	1	25		23.65	23.89	23.85		
10	1	49		23.60	23.80	23.80		
10	25	0		22.33	22.63	22.61		
10	25	12		22.45	22.61	22.72		
10	25	25		22.44	22.64	22.73		
10	50	0		22.42	22.58	22.73		
10	1	0	64-QAM	22.50	22.75	22.74	27.82	0.6053
10	1	25		22.54	22.75	22.82		
10	1	49		22.46	22.69	22.66		
10	25	0		21.23	21.49	21.57		
10	25	12		21.39	21.48	21.69		
10	25	25		21.34	21.61	21.63		
10	50	0		21.34	21.47	21.65		
10	1	0	256-QAM	19.29	19.55	19.44	24.80	0.3020
10	1	25		19.46	19.70	19.80		
10	1	49		19.45	19.60	19.66		
10	25	0		19.37	19.51	19.60		
10	25	12		19.36	19.52	19.67		
10	25	25		19.39	19.56	19.69		
10	50	0		19.37	19.57	19.63		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.12	24.47	24.50	29.57	0.9057
5	1	12		24.31	24.51	24.56		
5	1	24		24.25	24.50	24.57		
5	12	0		23.22	23.55	23.59		
5	12	7		23.31	23.51	23.71		
5	12	13		23.33	23.62	23.64		
5	25	0		23.30	23.53	23.66		
5	1	0	16-QAM	23.50	23.88	23.87	29.00	0.7943
5	1	12		23.62	24.00	23.98		
5	1	24		23.55	23.81	23.86		
5	12	0		22.28	22.58	22.60		
5	12	7		22.37	22.63	22.71		
5	12	13		22.39	22.64	22.72		
5	25	0		22.33	22.55	22.70		
5	1	0	64-QAM	22.39	22.73	22.72	27.82	0.6053
5	1	12		22.47	22.64	22.82		
5	1	24		22.33	22.72	22.73		
5	12	0		21.23	21.48	21.57		
5	12	7		21.33	21.46	21.64		
5	12	13		21.31	21.56	21.61		
5	25	0		21.31	21.44	21.61		
5	1	0	256-QAM	19.25	19.53	19.57	24.70	0.2951
5	1	12		19.37	19.67	19.70		
5	1	24		19.33	19.65	19.69		
5	12	0		19.21	19.50	19.55		
5	12	7		19.33	19.51	19.69		
5	12	13		19.32	19.59	19.66		
5	25	0		19.32	19.52	19.63		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.18	24.41	24.46	29.56	0.9036
3	1	8		24.24	24.50	24.56		
3	1	14		24.19	24.47	24.51		
3	8	0		23.29	23.55	23.54		
3	8	4		23.27	23.51	23.57		
3	8	7		23.31	23.55	23.63		
3	15	0		23.32	23.50	23.54		
3	1	0	16-QAM	23.54	23.69	23.78	28.92	0.7798
3	1	8		23.54	23.89	23.92		
3	1	14		23.48	23.78	23.91		
3	8	0		22.38	22.59	22.66		
3	8	4		22.37	22.56	22.68		
3	8	7		22.30	22.67	22.68		
3	15	0		22.33	22.57	22.61		
3	1	0	64-QAM	22.31	22.66	22.67	27.77	0.5984
3	1	8		22.45	22.68	22.77		
3	1	14		22.33	22.67	22.73		
3	8	0		21.30	21.46	21.55		
3	8	4		21.34	21.50	21.55		
3	8	7		21.28	21.56	21.66		
3	15	0		21.24	21.46	21.49		
3	1	0	256-QAM	19.27	19.39	19.60	24.79	0.3013
3	1	8		19.39	19.63	19.79		
3	1	14		19.33	19.65	19.66		
3	8	0		19.31	19.47	19.52		
3	8	4		19.31	19.45	19.56		
3	8	7		19.32	19.58	19.61		
3	15	0		19.26	19.45	19.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.16	24.43	24.51	29.59	0.9099
1.4	1	3		24.17	24.51	24.54		
1.4	1	5		24.22	24.51	24.49		
1.4	3	0		24.22	24.47	24.50		
1.4	3	1		24.31	24.52	24.57		
1.4	3	3		24.25	24.50	24.59		
1.4	6	0		23.29	23.45	23.58		
1.4	1	0	16-QAM	23.48	23.84	23.97	28.97	0.7889
1.4	1	3		23.54	23.89	23.89		
1.4	1	5		23.58	23.82	23.94		
1.4	3	0		23.35	23.62	23.72		
1.4	3	1		23.38	23.68	23.66		
1.4	3	3		23.41	23.63	23.73		
1.4	6	0		22.30	22.50	22.67		
1.4	1	0	64-QAM	22.36	22.68	22.71	27.74	0.5943
1.4	1	3		22.44	22.66	22.60		
1.4	1	5		22.00	22.55	22.74		
1.4	3	0		22.27	22.56	22.61		
1.4	3	1		22.27	22.61	22.61		
1.4	3	3		22.32	22.55	22.59		
1.4	6	0		21.29	21.40	21.55		
1.4	1	0	256-QAM	19.29	19.47	19.59	24.68	0.2938
1.4	1	3		19.35	19.64	19.58		
1.4	1	5		19.27	19.50	19.65		
1.4	3	0		19.30	19.47	19.68		
1.4	3	1		19.33	19.54	19.67		
1.4	3	3		19.28	19.57	19.59		
1.4	6	0		19.20	19.44	19.64		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.04	24.38	24.53	30.94	1.2417
20	1	49		24.37	24.65	24.64		
20	1	99		24.55	24.59	24.69		
20	50	0		23.24	23.64	23.71		
20	50	24		23.39	23.66	23.67		
20	50	50		23.54	23.68	23.74		
20	100	0		23.49	23.60	23.73		
20	1	0	16-QAM	23.34	23.71	23.81	30.29	1.0691
20	1	49		23.63	23.91	24.04		
20	1	99		23.75	23.93	23.96		
20	50	0		22.24	22.58	22.70		
20	50	24		22.46	22.67	22.74		
20	50	50		22.56	22.70	22.73		
20	100	0		22.40	22.65	22.82		
20	1	0	64-QAM	23.22	22.59	22.76	29.47	0.8851
20	1	49		23.11	22.95	22.92		
20	1	99		22.74	22.91	22.95		
20	50	0		21.14	21.60	21.71		
20	50	24		21.44	21.64	21.61		
20	50	50		21.57	21.64	21.72		
20	100	0		21.34	21.55	21.72		
20	1	0	256-QAM	19.22	19.62	19.86	26.14	0.4111
20	1	49		19.51	19.75	19.89		
20	1	99		19.52	19.60	19.55		
20	50	0		19.29	19.66	19.79		
20	50	24		19.37	19.65	19.68		
20	50	50		19.47	19.63	19.65		
20	100	0		19.41	19.74	19.75		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.06	24.48	24.69	31.08	1.2823
15	1	37		24.30	24.70	24.83		
15	1	74		24.50	24.66	24.72		
15	36	0		23.37	23.65	23.76		
15	36	20		23.40	23.76	23.78		
15	36	39		23.52	23.80	23.85		
15	75	0		23.52	23.70	23.83		
15	1	0	16-QAM	23.39	23.82	24.05	30.44	1.1066
15	1	37		23.56	24.01	24.19		
15	1	74		23.77	24.06	23.92		
15	36	0		22.30	22.71	22.75		
15	36	20		22.42	22.77	22.83		
15	36	39		22.56	22.80	22.87		
15	75	0		22.46	22.78	22.77		
15	1	0	64-QAM	22.32	22.61	22.85	29.29	0.8492
15	1	37		22.51	22.89	23.04		
15	1	74		22.72	22.94	22.99		
15	36	0		21.27	21.64	21.72		
15	36	20		21.41	21.71	21.72		
15	36	39		21.53	21.70	21.84		
15	75	0		21.42	21.60	21.72		
15	1	0	256-QAM	19.35	19.74	20.03	26.28	0.4246
15	1	37		19.45	19.84	19.96		
15	1	74		19.67	19.91	19.81		
15	36	0		19.25	19.74	19.73		
15	36	20		19.45	19.74	19.80		
15	36	39		19.48	19.79	19.86		
15	75	0		19.42	19.69	19.77		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.06	24.43	24.75	31.05	1.2735
10	1	25		24.22	24.62	24.80		
10	1	49		24.31	24.61	24.74		
10	25	0		23.19	23.49	23.86		
10	25	12		23.37	23.70	23.81		
10	25	25		23.32	23.72	23.80		
10	50	0		23.38	23.69	23.89		
10	1	0	16-QAM	23.39	23.80	24.04	30.33	1.0789
10	1	25		23.48	23.87	24.06		
10	1	49		23.65	23.89	24.08		
10	25	0		22.15	22.57	22.84		
10	25	12		22.35	22.77	22.81		
10	25	25		22.40	22.76	22.84		
10	50	0		22.43	22.72	22.90		
10	1	0	64-QAM	22.25	22.64	22.87	29.34	0.8590
10	1	25		22.39	22.79	23.09		
10	1	49		22.51	22.88	23.05		
10	25	0		21.20	21.50	21.78		
10	25	12		21.35	21.69	21.79		
10	25	25		21.36	21.71	21.92		
10	50	0		21.37	21.67	21.86		
10	1	0	256-QAM	19.35	19.65	19.97	26.22	0.4188
10	1	25		19.41	19.72	19.97		
10	1	49		19.33	19.75	19.82		
10	25	0		19.19	19.64	19.85		
10	25	12		19.35	19.73	19.84		
10	25	25		19.32	19.76	19.77		
10	50	0		19.34	19.71	19.86		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	MidGPe	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.22	24.44	24.75	31.06	1.2764
5	1	12		24.19	24.55	24.81		
5	1	24		24.17	24.51	24.70		
5	12	0		23.19	23.54	23.84		
5	12	7		23.23	23.59	23.79		
5	12	13		23.12	23.58	23.85		
5	25	0		23.26	23.59	23.79		
5	1	0	16-QAM	23.41	23.76	23.98	30.49	1.1194
5	1	12		23.41	23.93	24.24		
5	1	24		23.36	23.82	24.10		
5	12	0		22.25	22.63	22.97		
5	12	7		22.30	22.67	22.81		
5	12	13		22.26	22.69	22.89		
5	25	0		22.22	22.63	22.80		
5	1	0	64-QAM	22.33	22.72	22.89	29.32	0.8551
5	1	12		22.36	22.74	23.07		
5	1	24		22.28	22.70	22.90		
5	12	0		21.20	21.56	21.83		
5	12	7		21.28	21.60	21.80		
5	12	13		21.16	21.52	21.83		
5	25	0		21.24	21.55	21.78		
5	1	0	256-QAM	19.23	19.52	19.87	26.23	0.4198
5	1	12		19.27	19.69	19.98		
5	1	24		19.31	19.74	19.90		
5	12	0		19.20	19.64	19.83		
5	12	7		19.23	19.67	19.79		
5	12	13		19.21	19.66	19.85		
5	25	0		19.23	19.68	19.81		
Limit	ERP < 3W			Result			Pass	



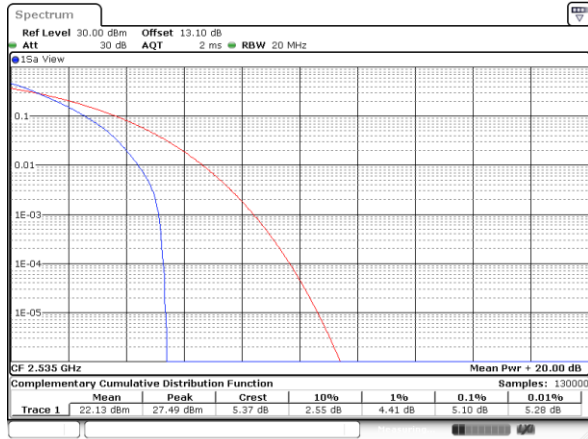
LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	6.20	6.52	6.78	PASS

LTE Band 7 / 20MHz / QPSK

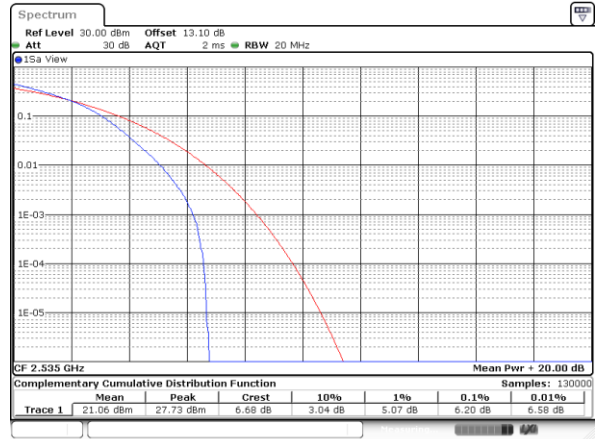
Middle Channel / Full RB



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LTE Band 7 / 20MHz / 16QAM

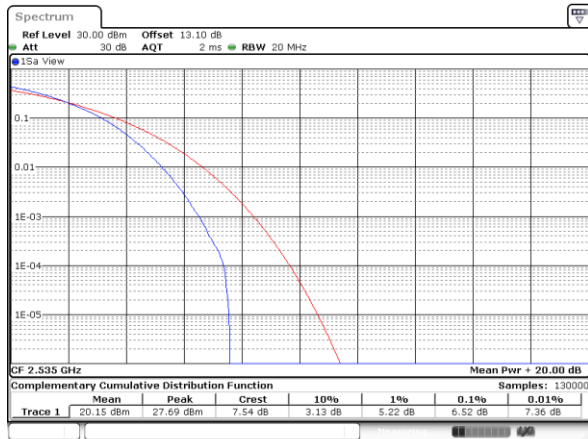
Middle Channel / Full RB



Date: 20 JUN 2025 03:58:16

LTE Band 7 / 20MHz / 64QAM

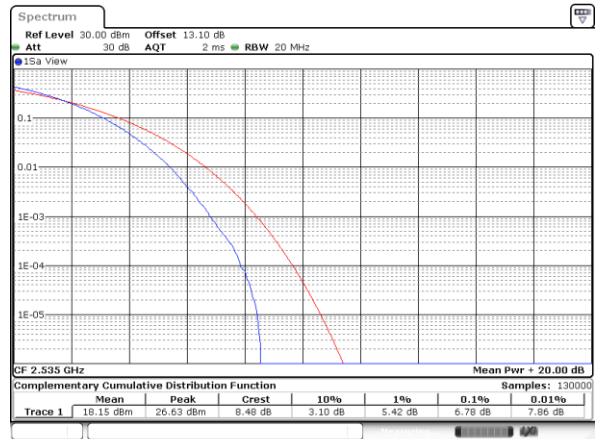
Middle Channel / Full RB



Date: 20 JUN 2025 03:58:46

LTE Band 7 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 20 JUN 2025 03:59:14

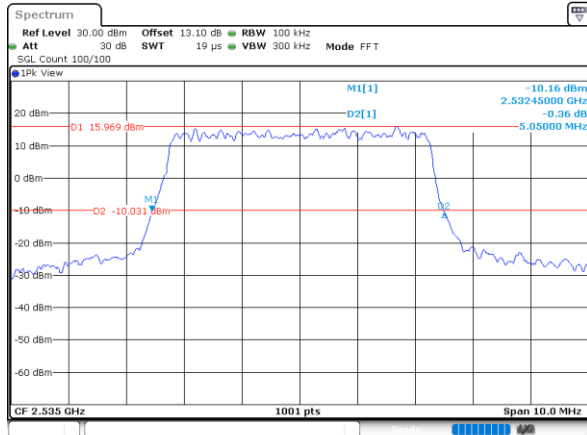
**26dB Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	5.05	4.93	9.92	9.82	14.31	14.22	19.08	19.36
Mode	LTE Band 7 : 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	-	-	-	-	5.09	5.00	10.14	9.88	14.49	14.73	19.32	19.16

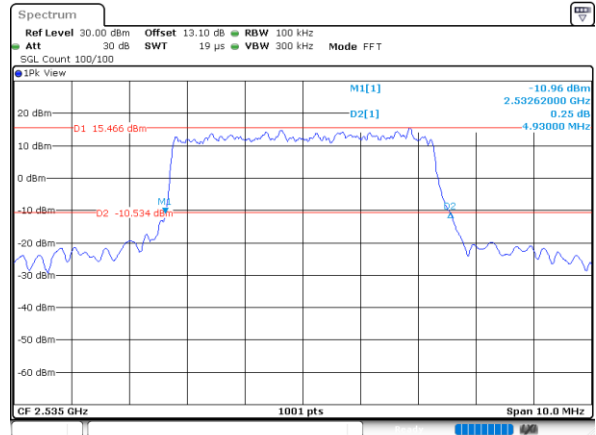


LTE Band 7

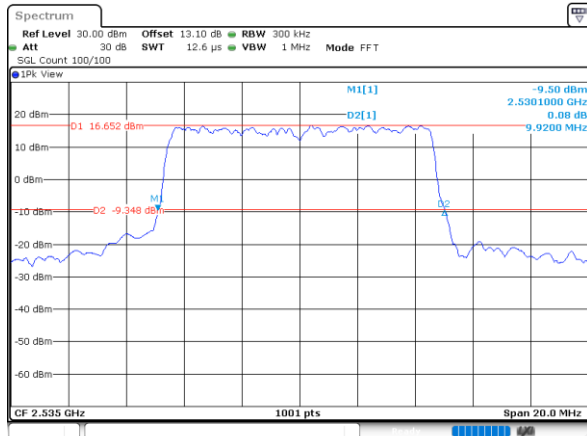
Middle Channel / 5MHz / QPSK



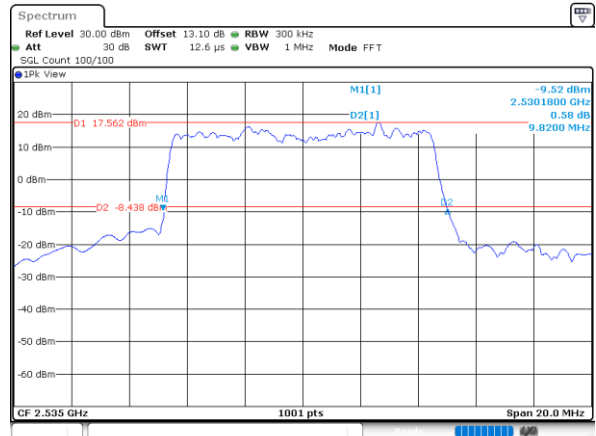
Middle Channel / 5MHz / 16QAM



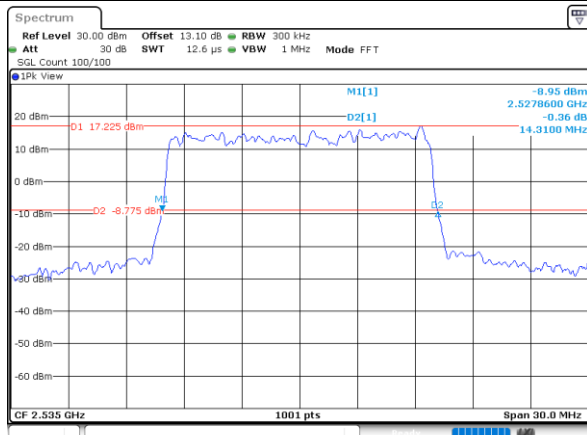
Middle Channel / 10MHz / QPSK



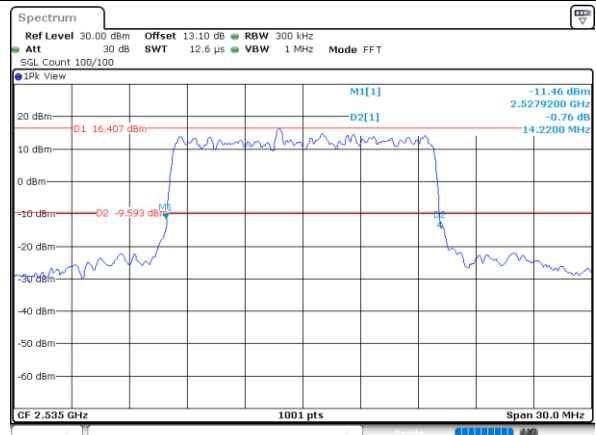
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



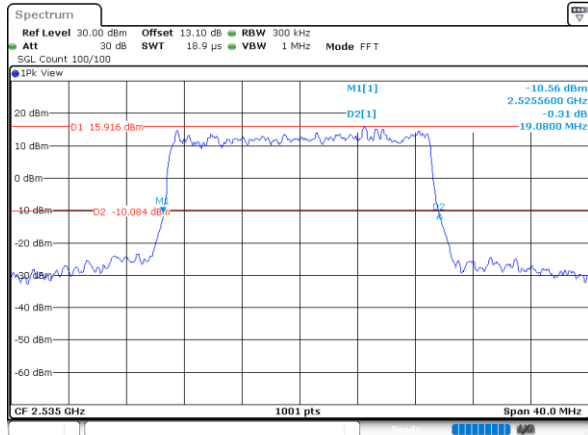
Middle Channel / 15MHz / 16QAM





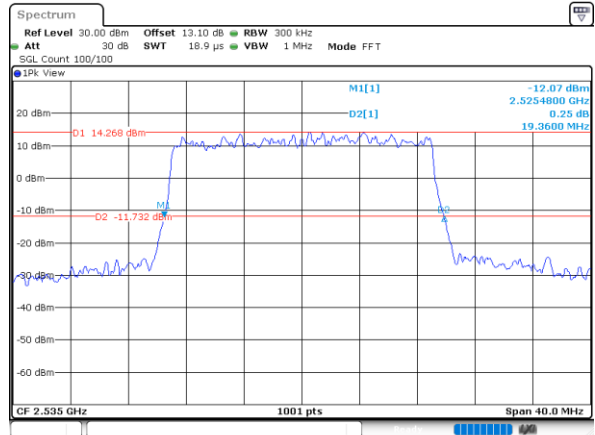
LTE Band 7

Middle Channel / 20MHz / QPSK



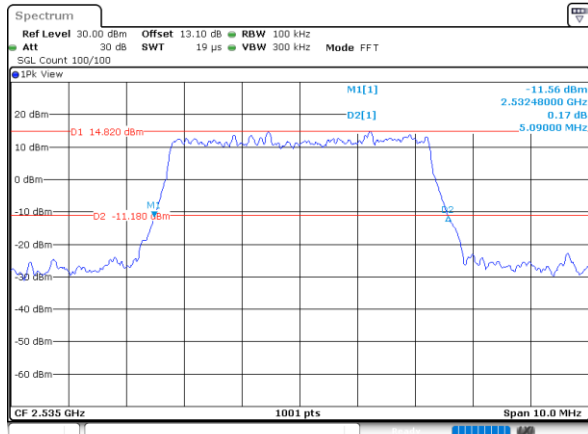
Date: 20 JUN 2025 03:55:54

Middle Channel / 20MHz / 16QAM



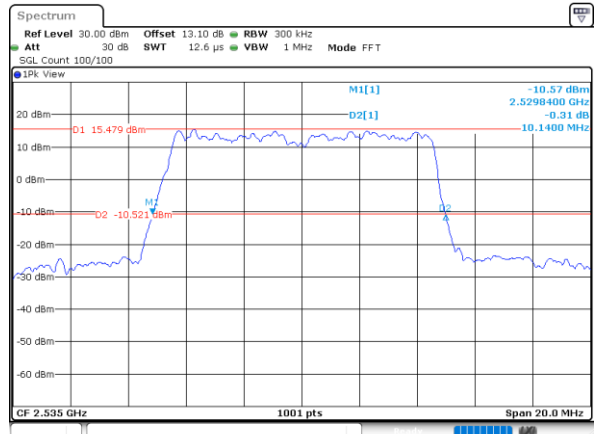
Date: 20 JUN 2025 03:56:22

Middle Channel / 5MHz / 64QAM



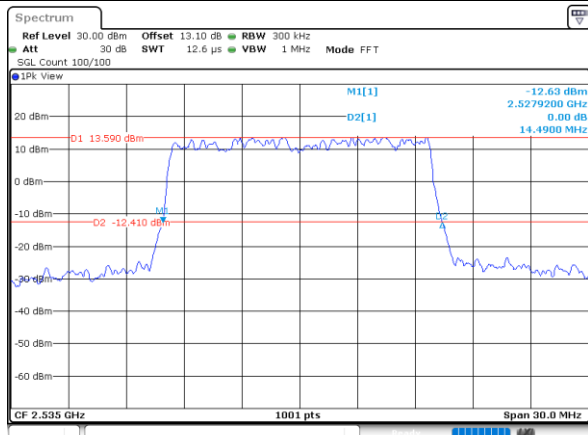
Date: 20 JUN 2025 03:56:57

Middle Channel / 10MHz / 64QAM



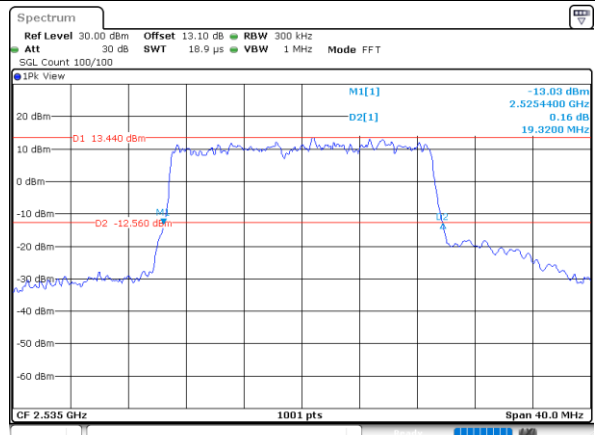
Date: 20 JUN 2025 03:56:55

Middle Channel / 15MHz / 64QAM



Date: 20 JUN 2025 03:56:52

Middle Channel / 20MHz / 64QAM

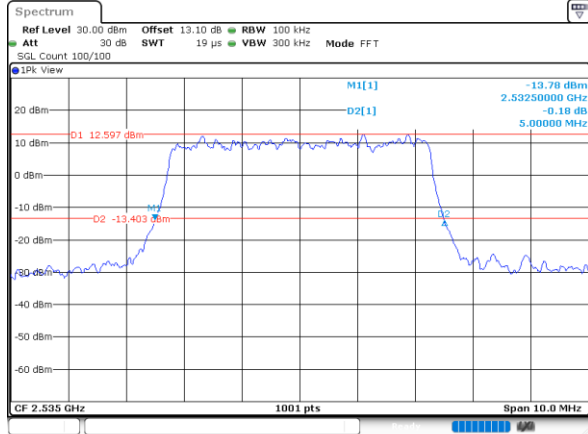


Date: 20 JUN 2025 03:56:50

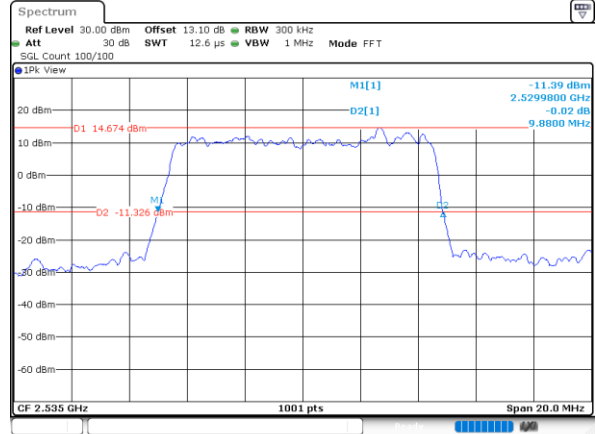


LTE Band 7

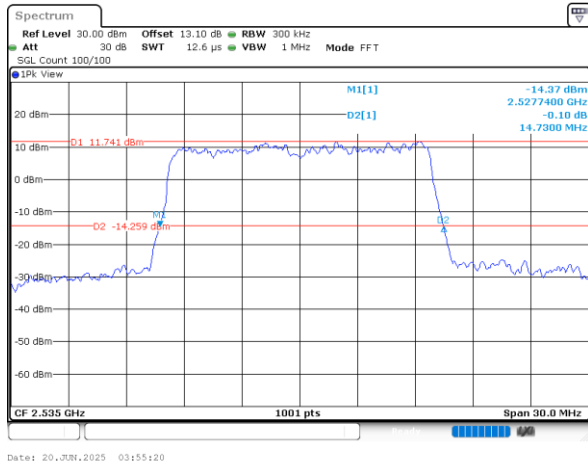
Middle Channel / 5MHz / 256QAM



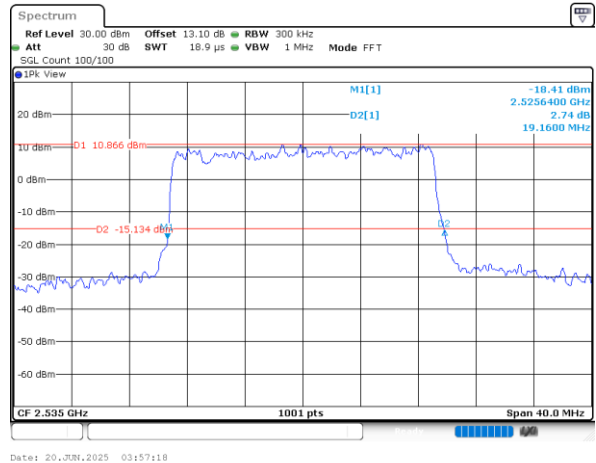
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



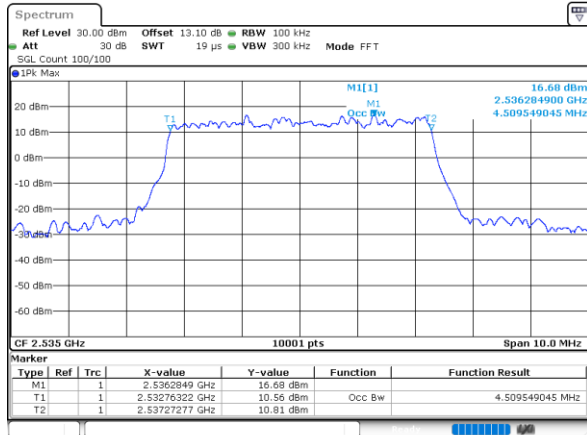
**Occupied Bandwidth**

Mode	LTE Band 7 : 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	-	-	-	-	4.50	4.50	9.06	9.05	13.46	13.49	17.96	17.91
Mode	LTE Band 7 : 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	-	-	-	-	4.48	4.48	9.02	9.04	13.46	13.46	17.84	17.91



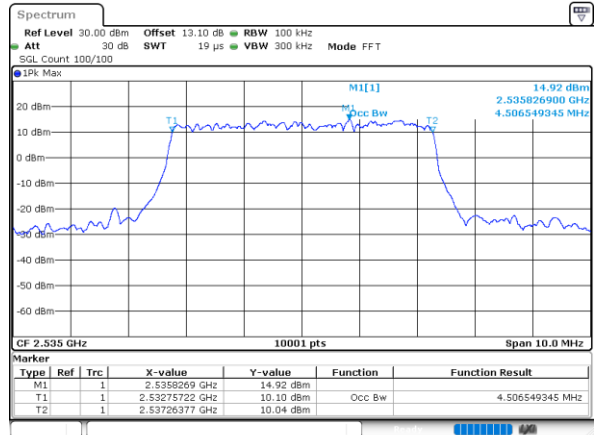
LTE Band 7

Middle Channel / 5MHz / QPSK



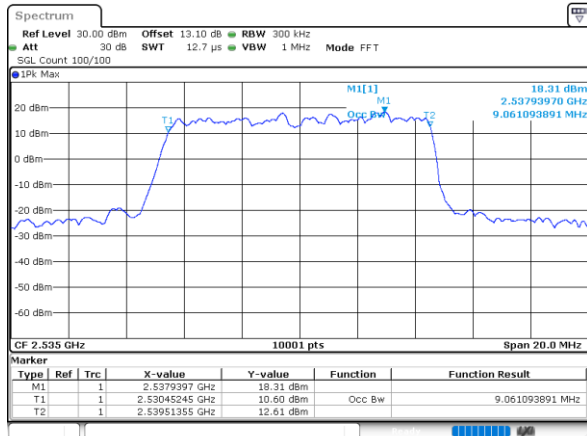
Date: 20 JUN 2025 03:42:13

Middle Channel / 5MHz / 16QAM



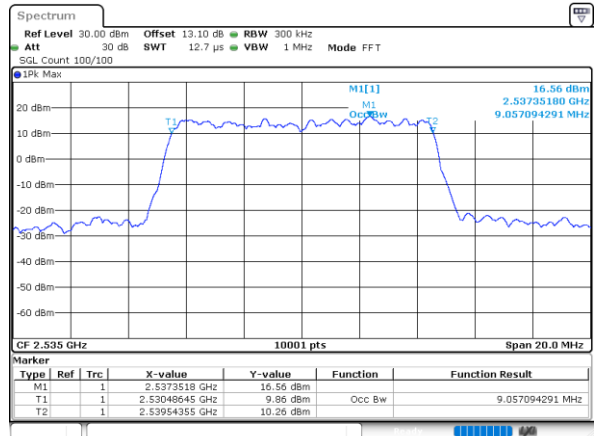
Date: 20 JUN 2025 03:42:41

Middle Channel / 10MHz / QPSK



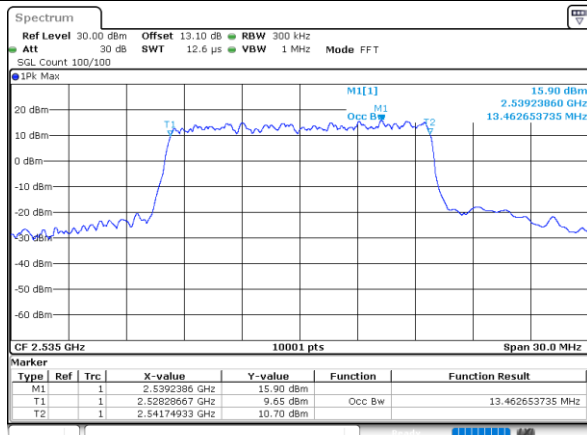
Date: 20 JUN 2025 03:44:10

Middle Channel / 10MHz / 16QAM



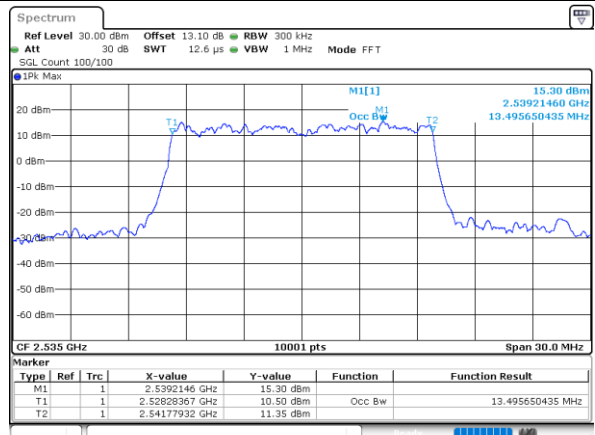
Date: 20 JUN 2025 03:44:38

Middle Channel / 15MHz / QPSK



Date: 20 JUN 2025 03:46:07

Middle Channel / 15MHz / 16QAM

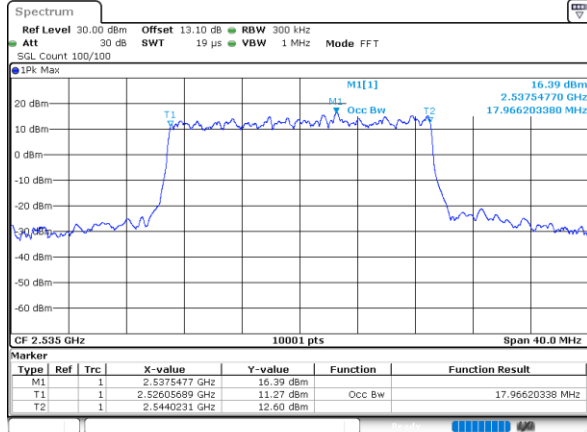


Date: 20 JUN 2025 03:46:35

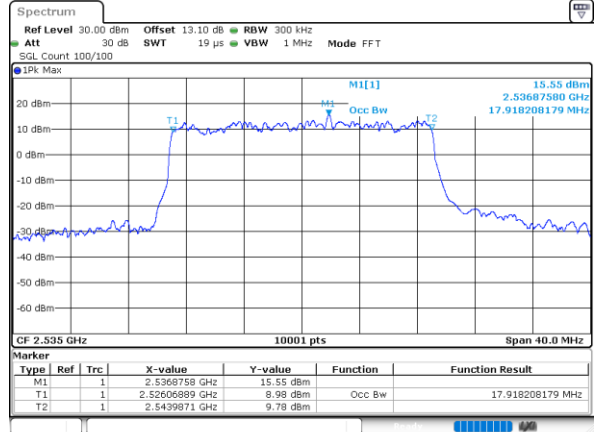


LTE Band 7

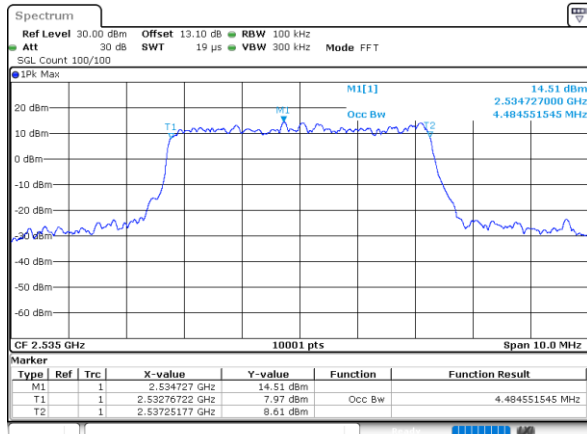
Middle Channel / 20MHz / QPSK



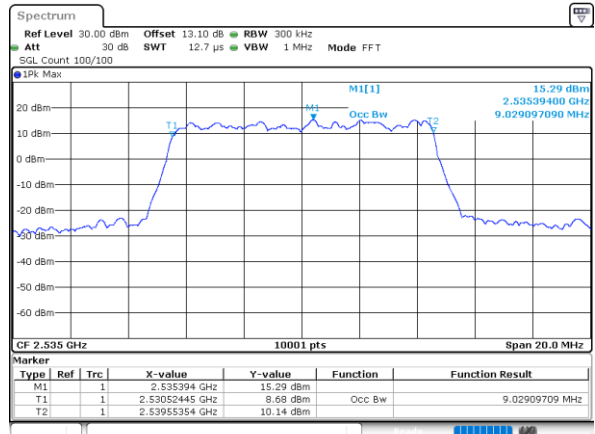
Middle Channel / 20MHz / 16QAM



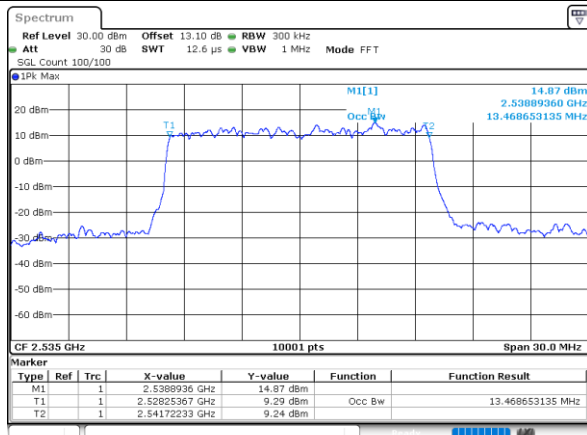
Middle Channel / 5MHz / 64QAM



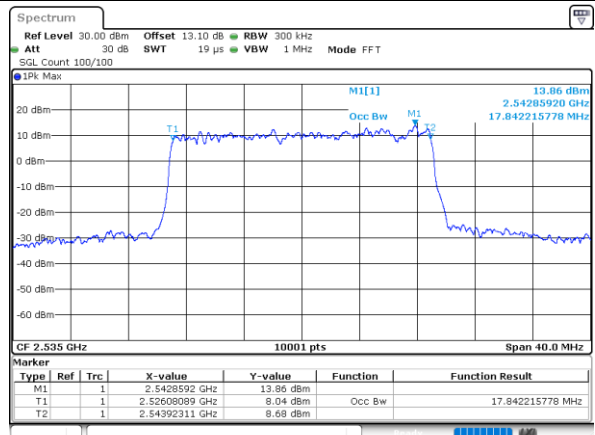
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



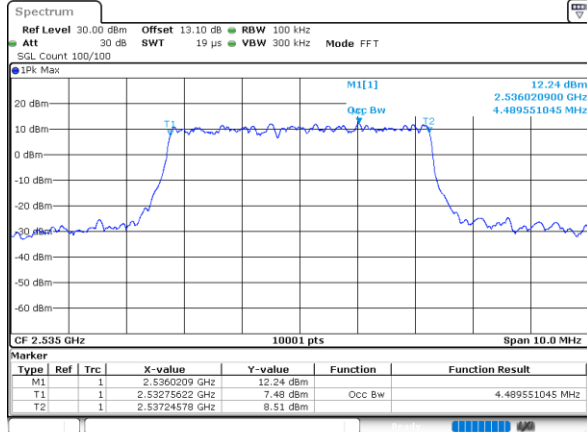
Middle Channel / 20MHz / 64QAM



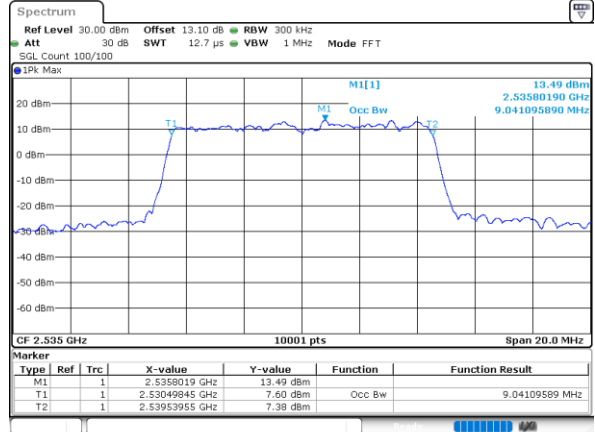


LTE Band 7

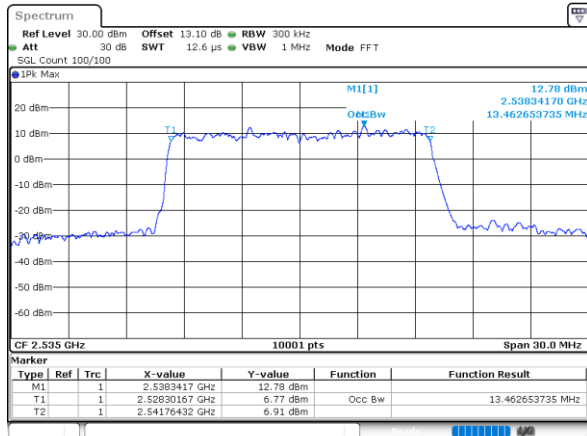
Middle Channel / 5MHz / 256QAM



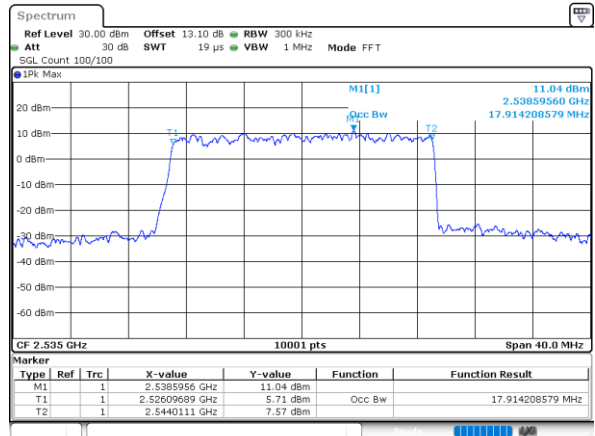
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

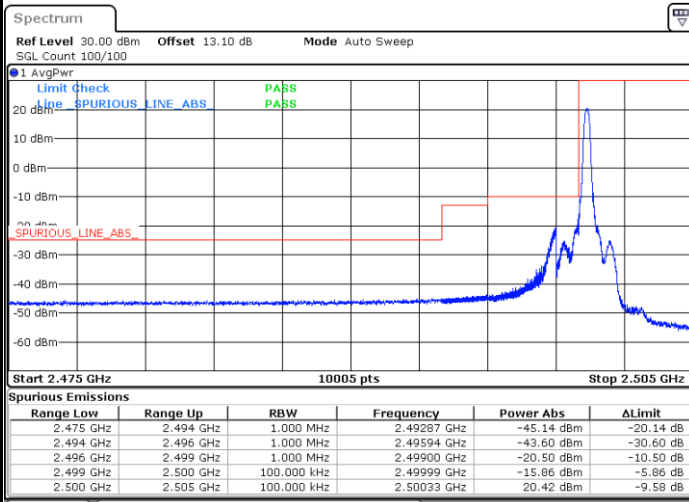




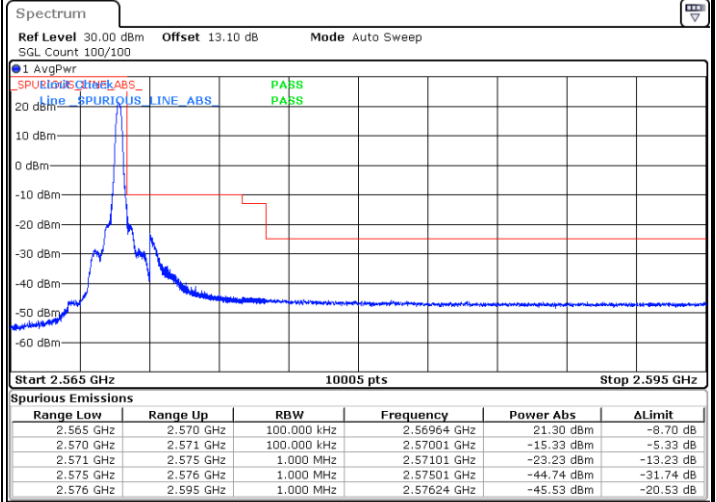
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

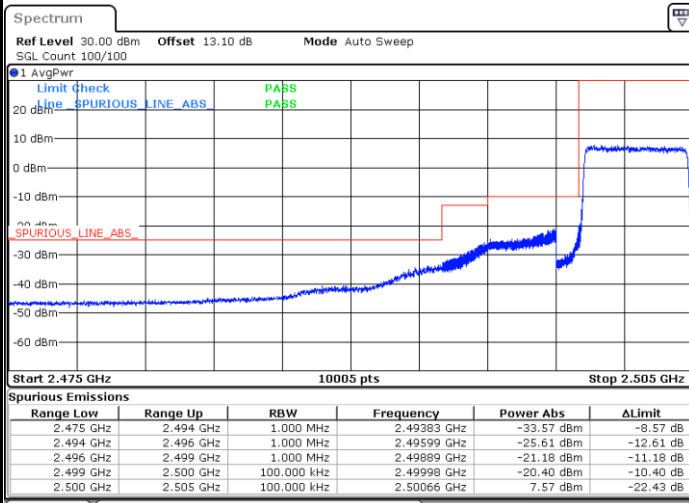
Lowest Band Edge / 1 RB



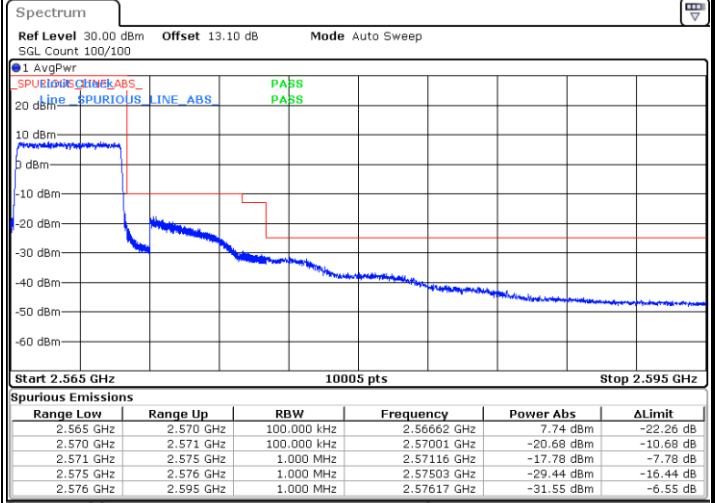
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



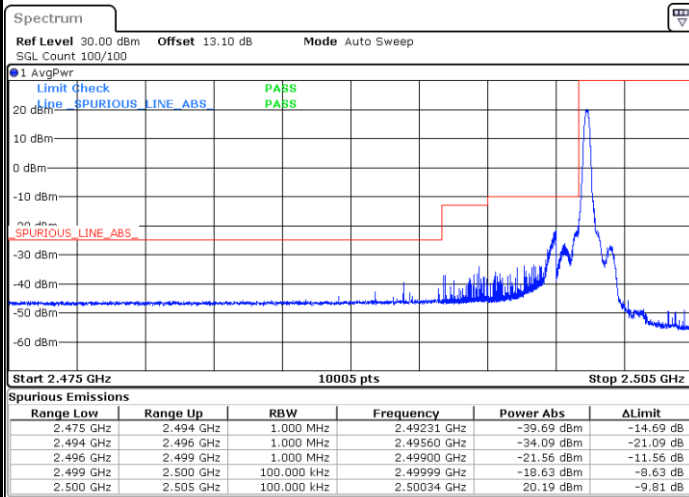
Highest Band Edge / Full RB



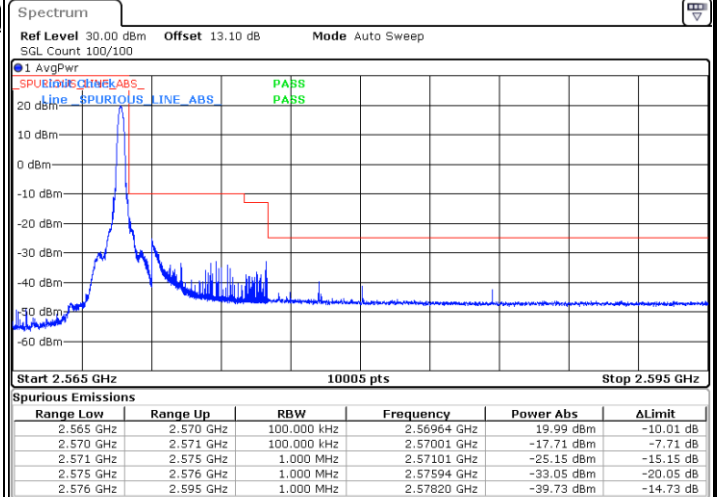


LTE Band 7 / 5MHz / 16QAM

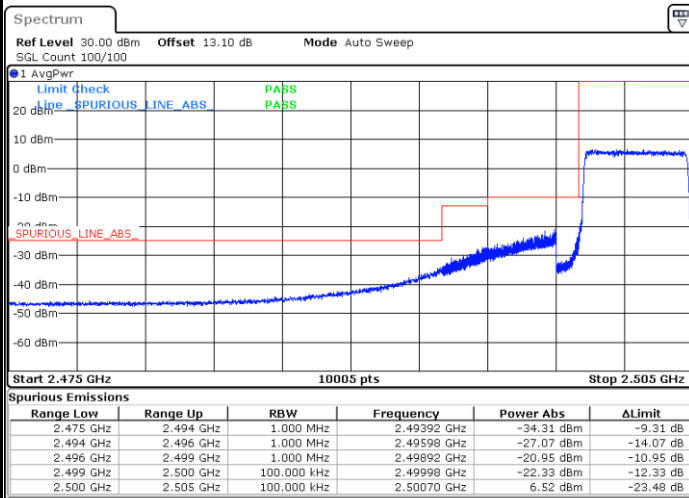
Lowest Band Edge / 1RB



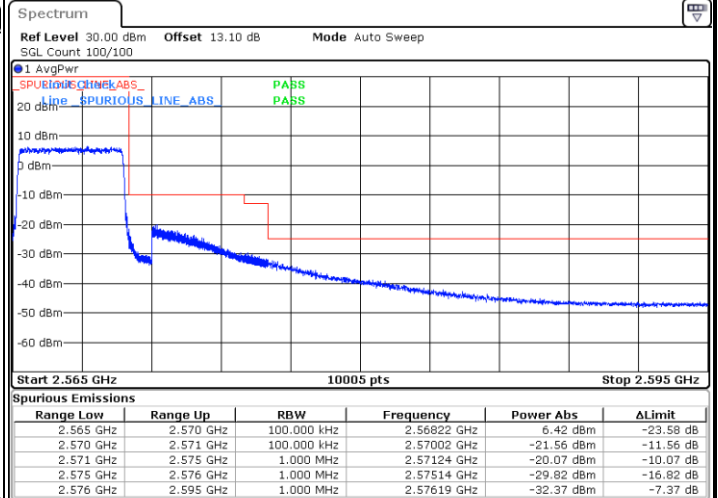
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



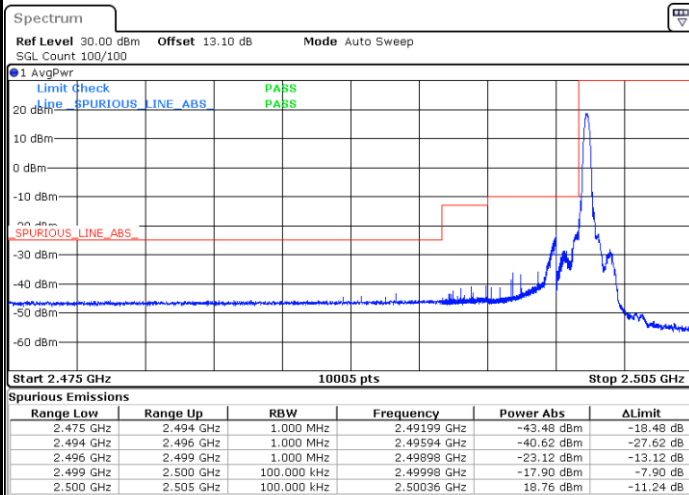
Highest Band Edge / Full RB



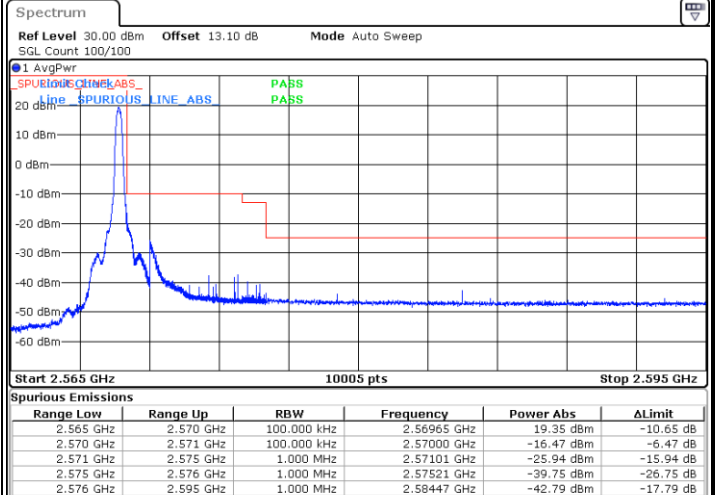


LTE Band 7 / 5MHz / 64QAM

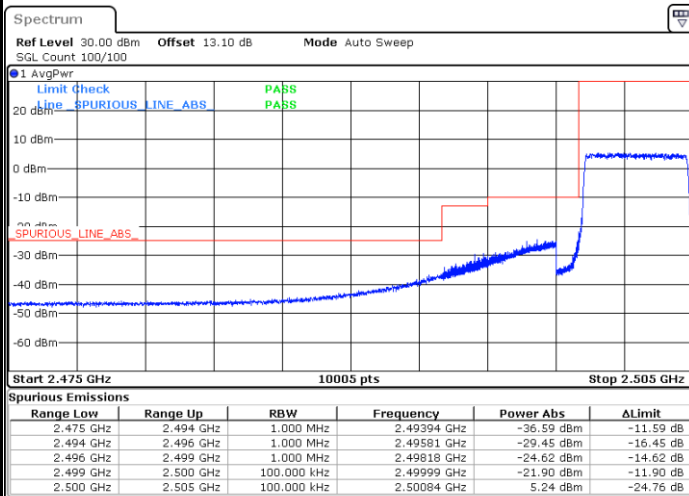
Lowest Band Edge / 1RB



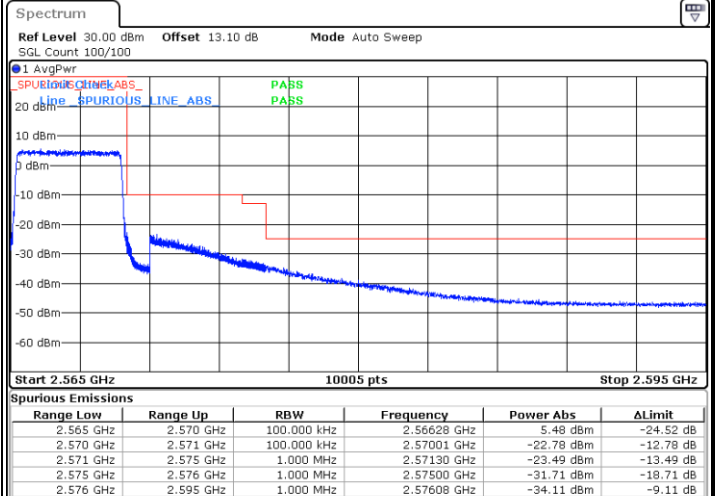
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



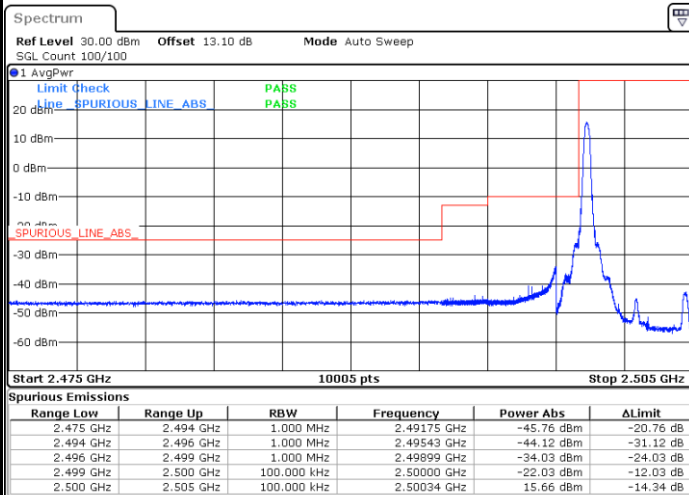
Highest Band Edge / Full RB



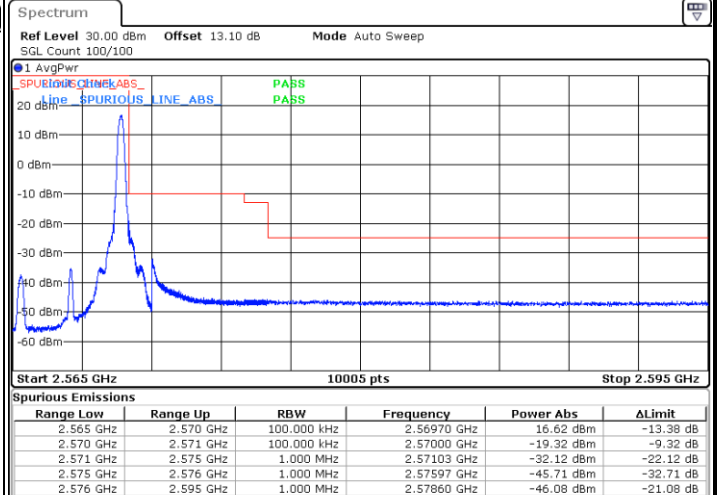


LTE Band 7 / 5MHz / 256QAM

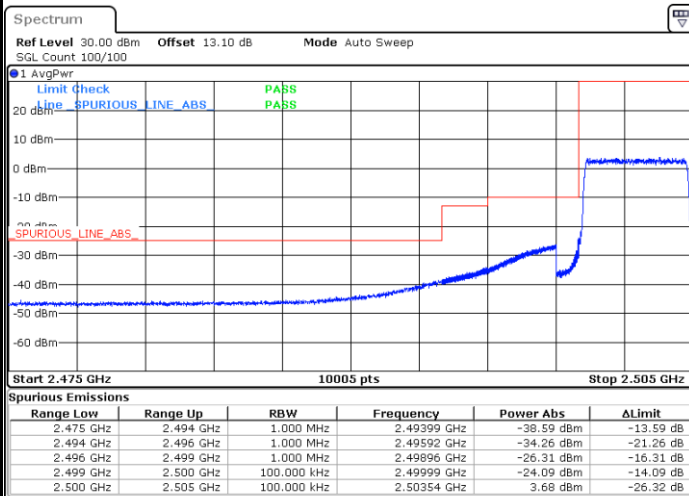
Lowest Band Edge / 1RB



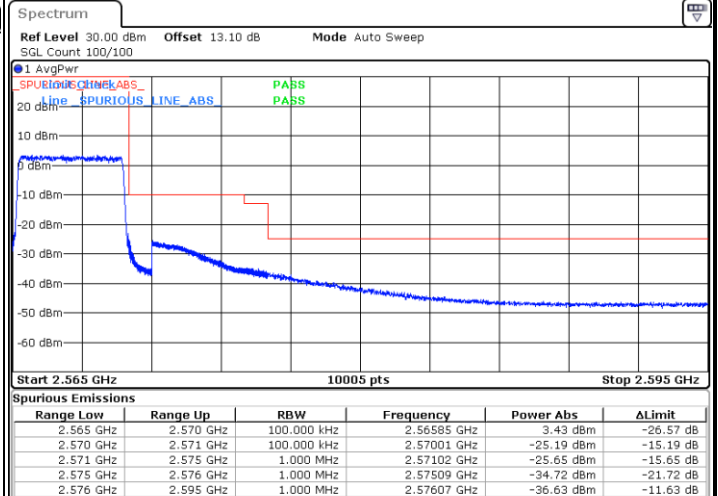
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



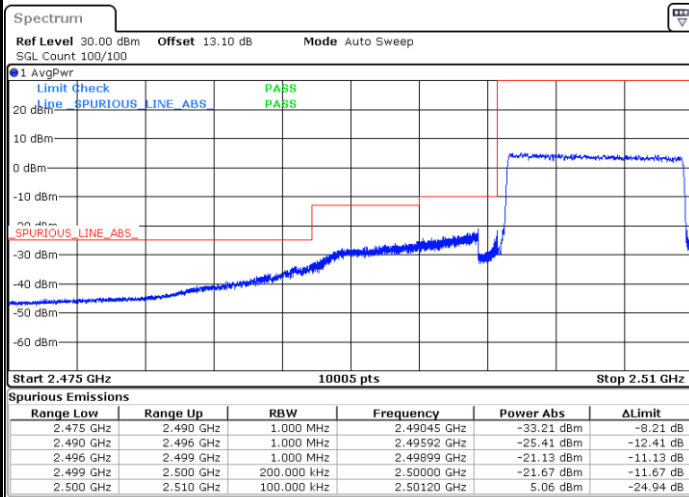
Highest Band Edge / Full RB



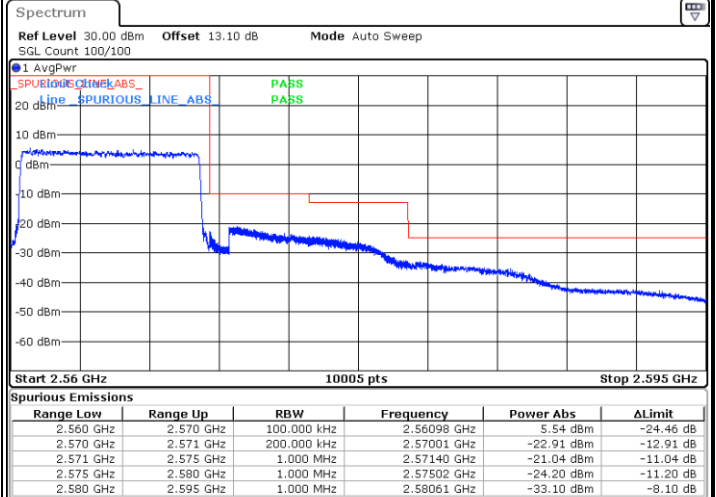


LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB

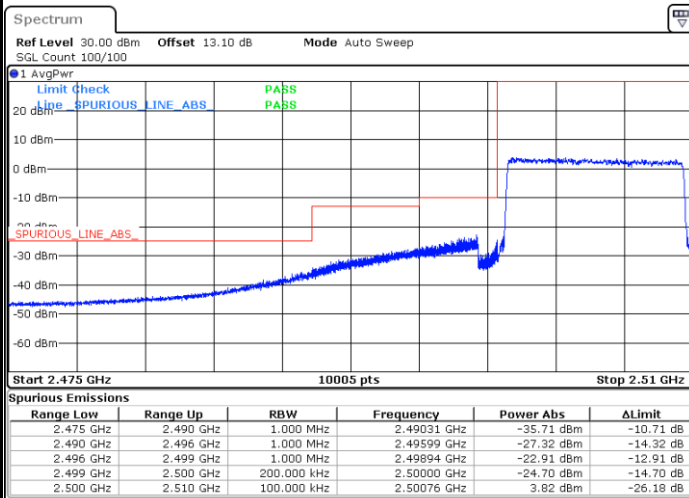


Highest Band Edge / Full RB

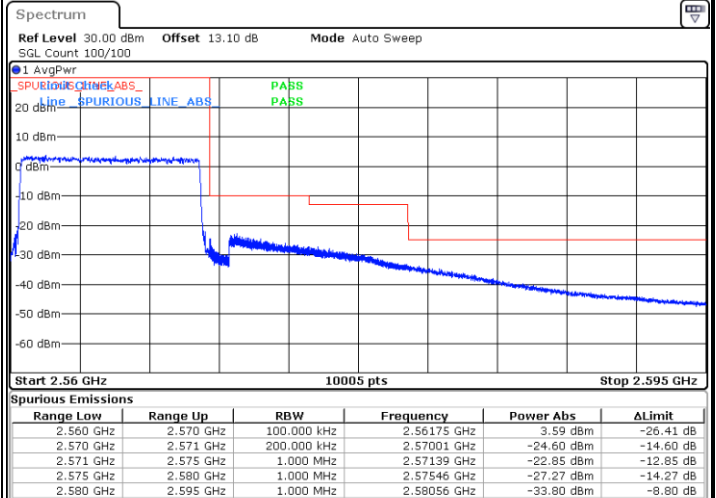


LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB



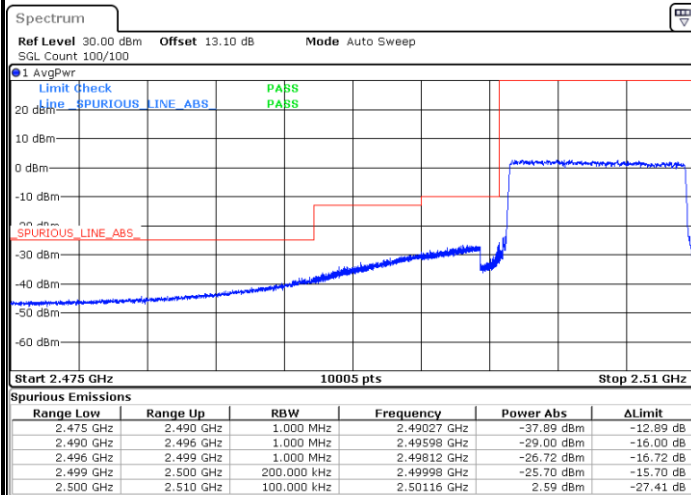
Highest Band Edge / Full RB



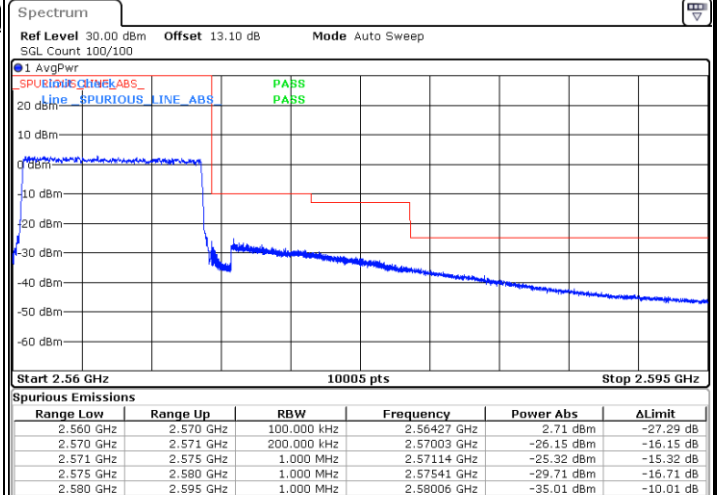


LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB

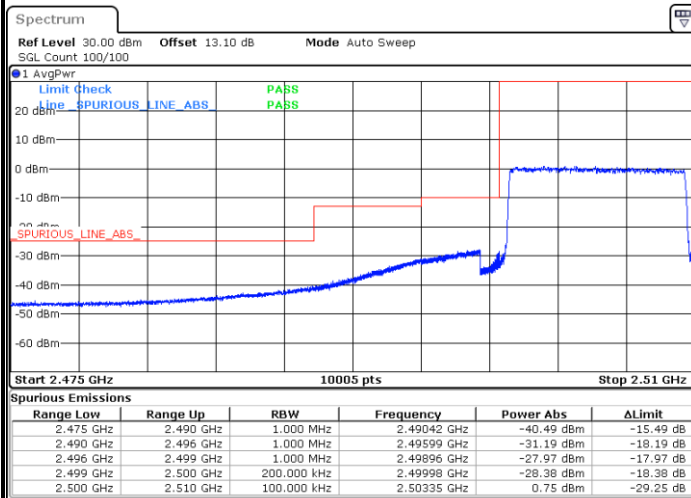


Highest Band Edge / Full RB

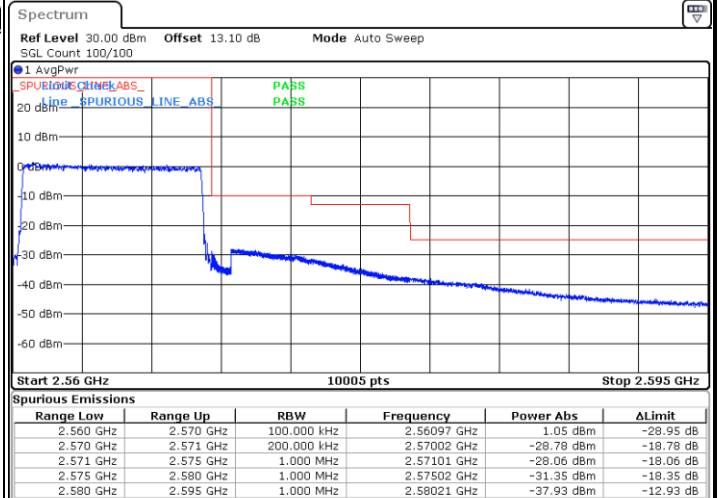


LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / Full RB



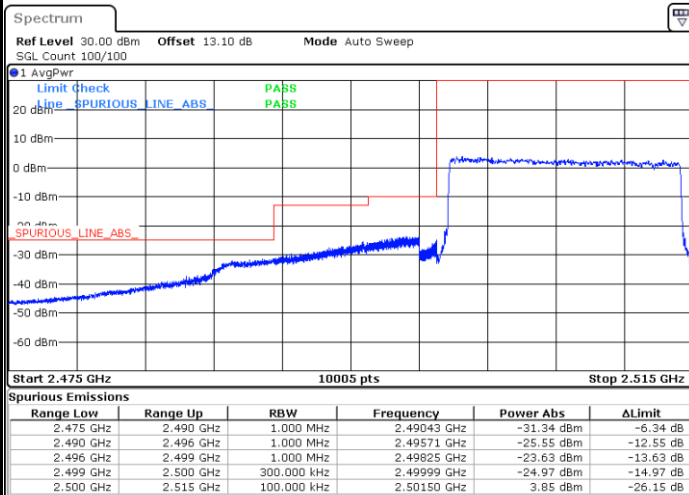
Highest Band Edge / Full RB



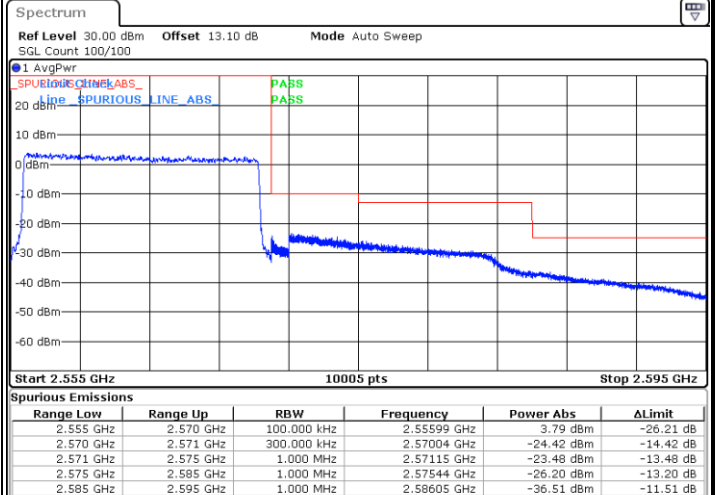


LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB

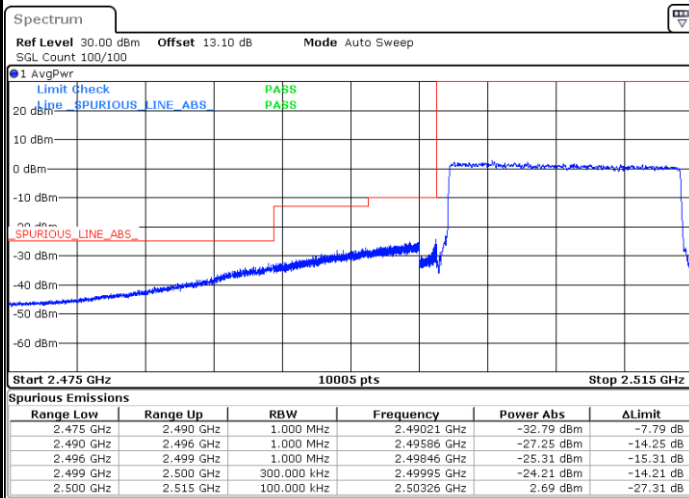


Highest Band Edge / Full RB

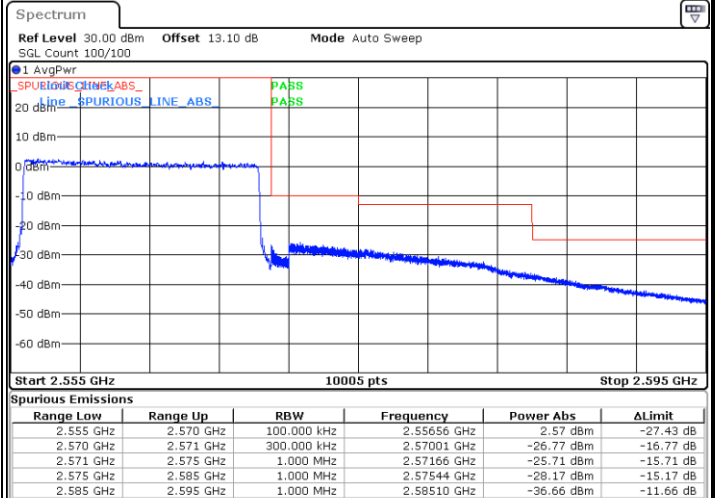


LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



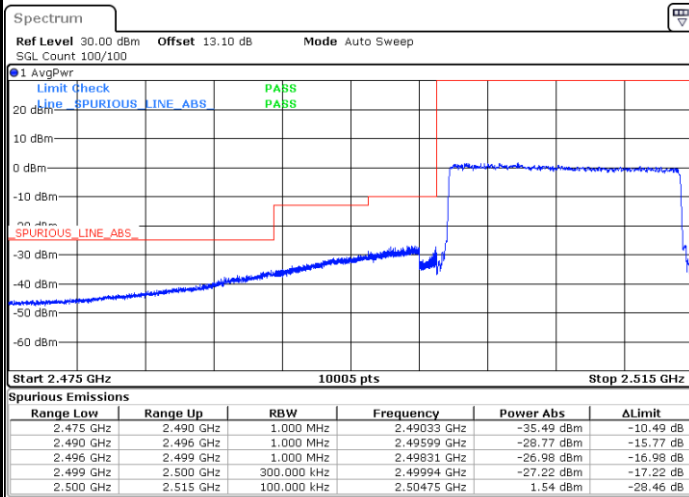
Highest Band Edge / Full RB



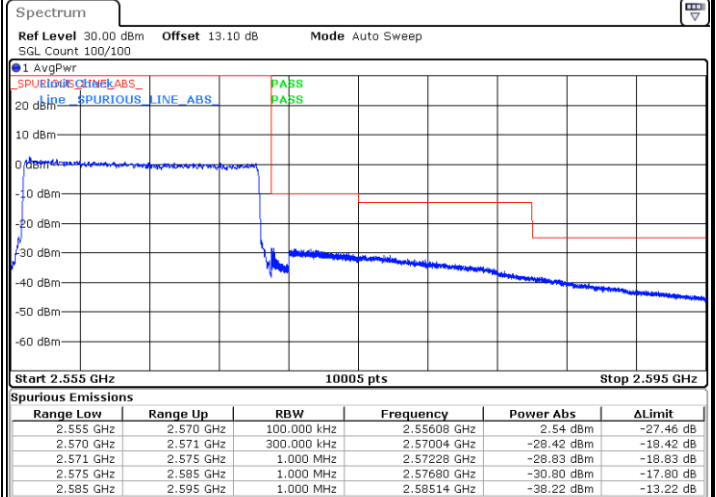


LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

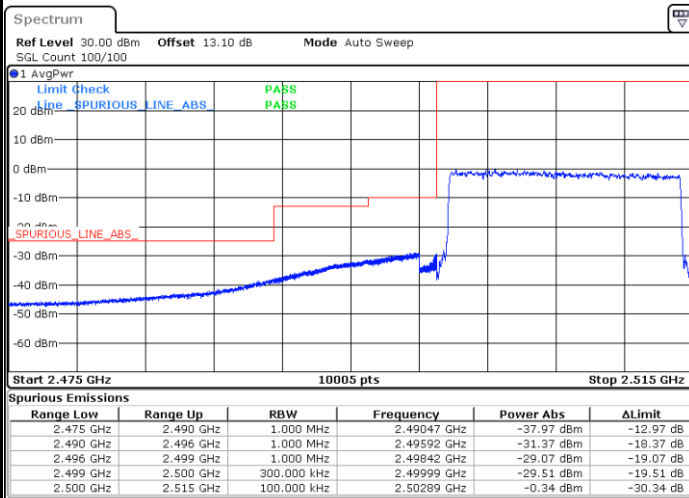


Highest Band Edge / Full RB

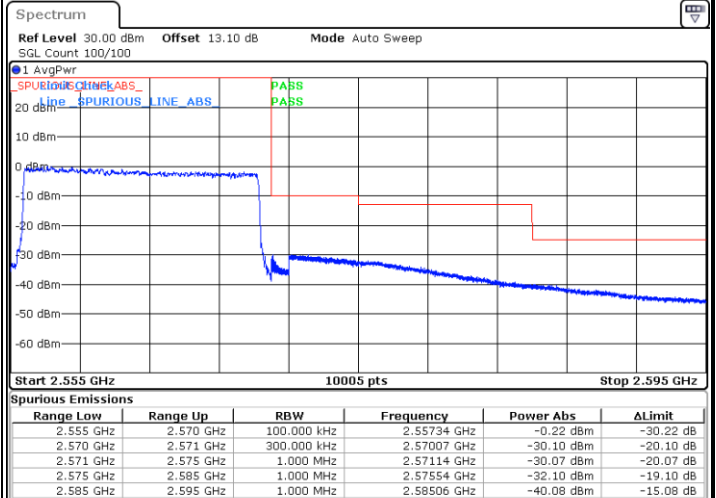


LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB



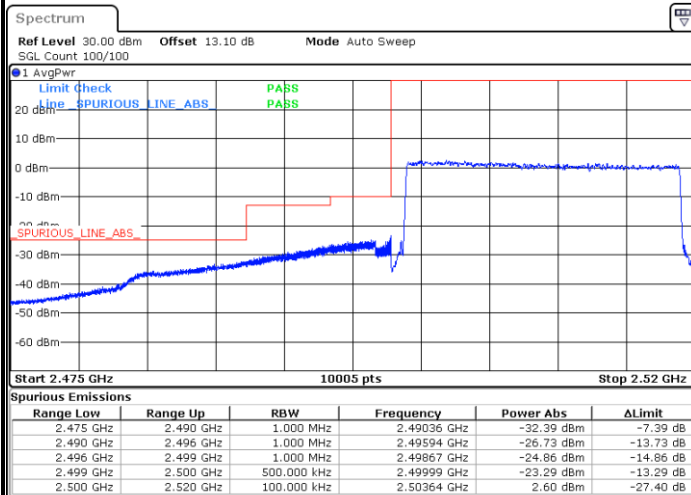
Highest Band Edge / Full RB



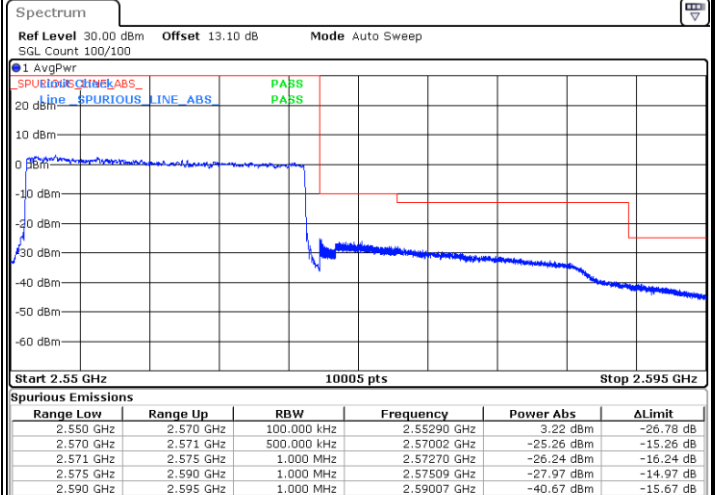


LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

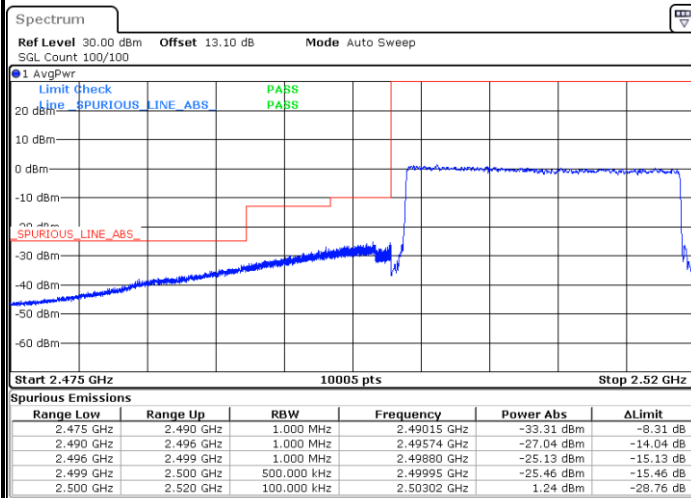


Highest Band Edge / Full RB

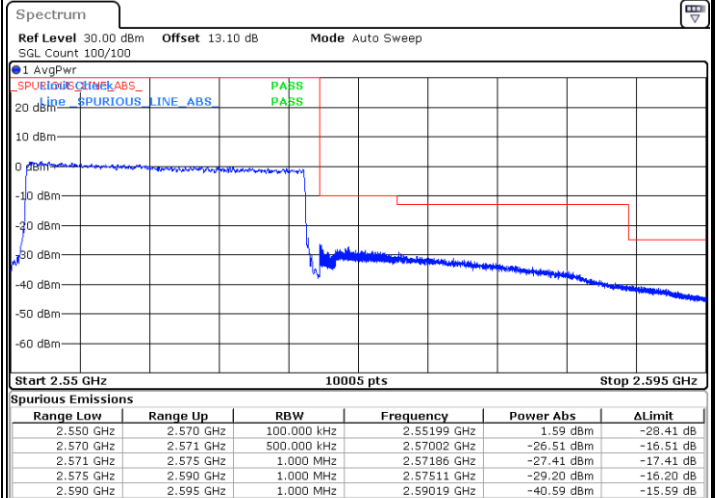


LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



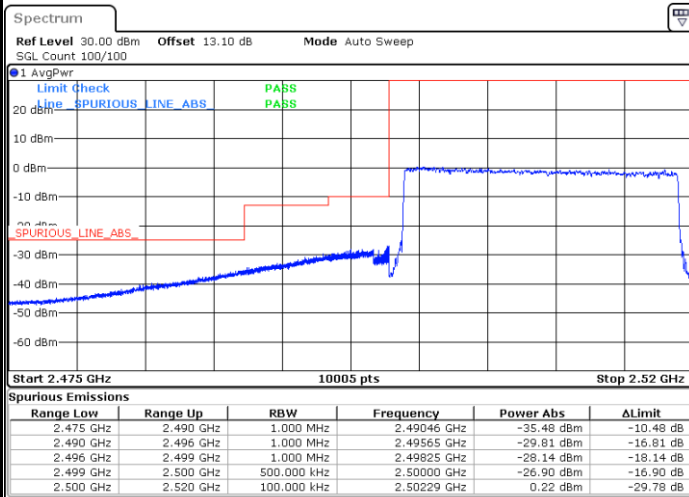
Highest Band Edge / Full RB



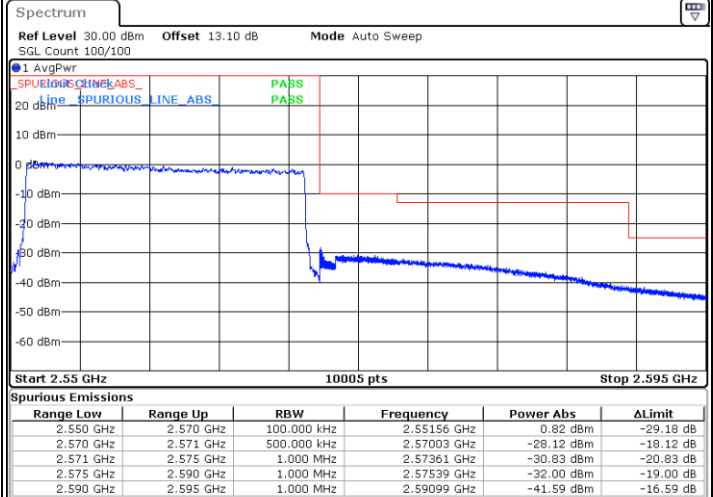


LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

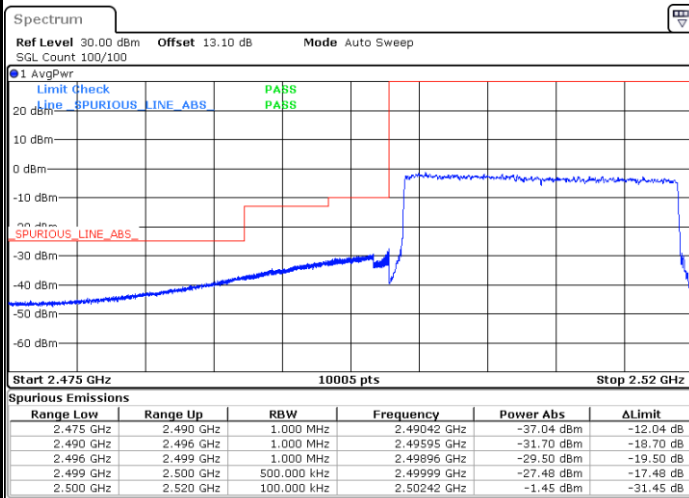


Highest Band Edge / Full RB

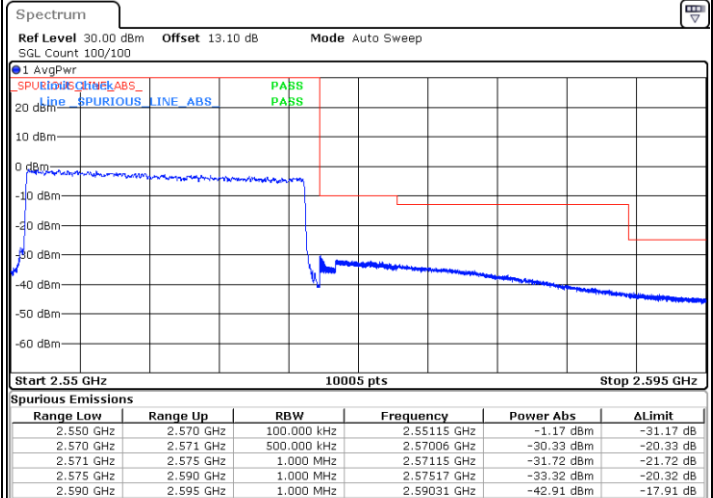


LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

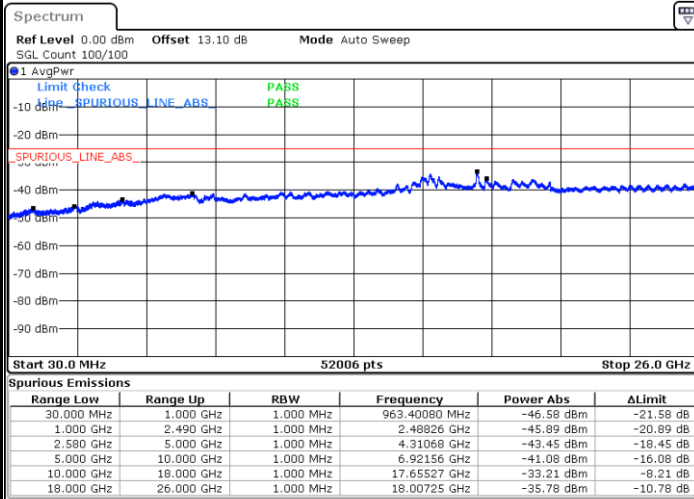




Conducted Spurious Emission

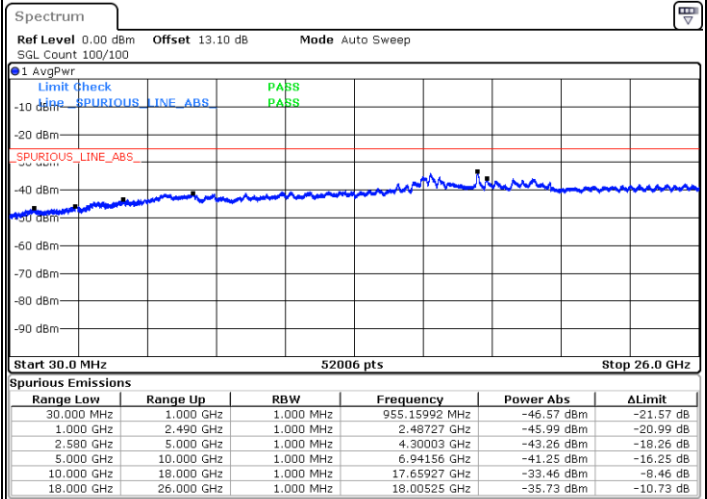
LTE Band 7 / 5MHz

Lowest Channel / QPSK



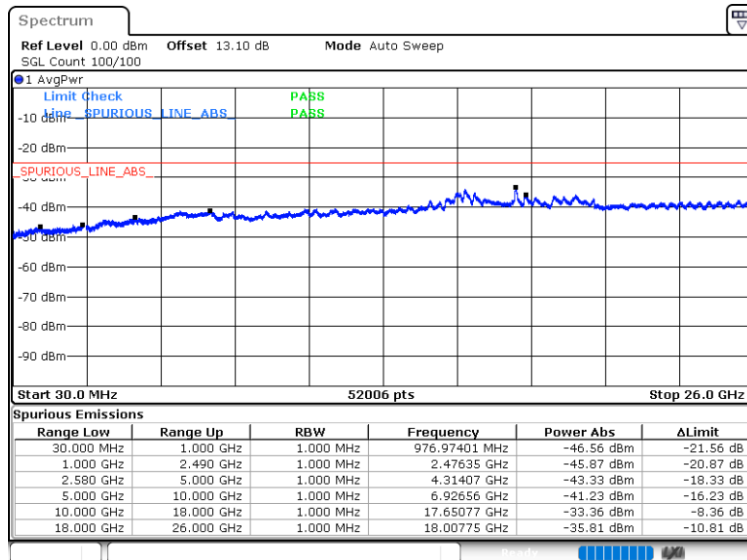
Date: 20.JUN.2025 04:00:46

Middle Channel / QPSK



Date: 20.JUN.2025 04:02:13

Highest Channel / QPSK

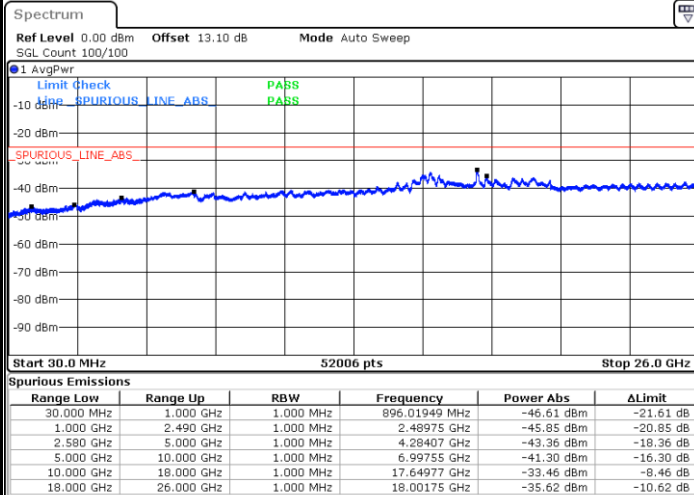


Date: 20.JUN.2025 04:03:40



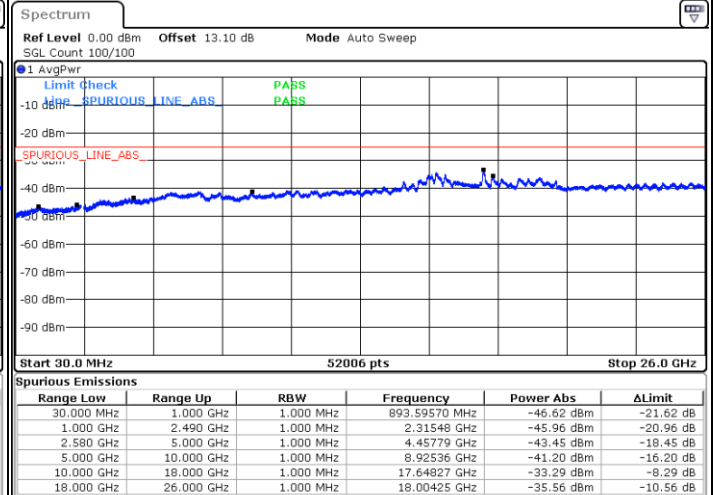
LTE Band 7 / 10MHz

Lowest Channel / QPSK



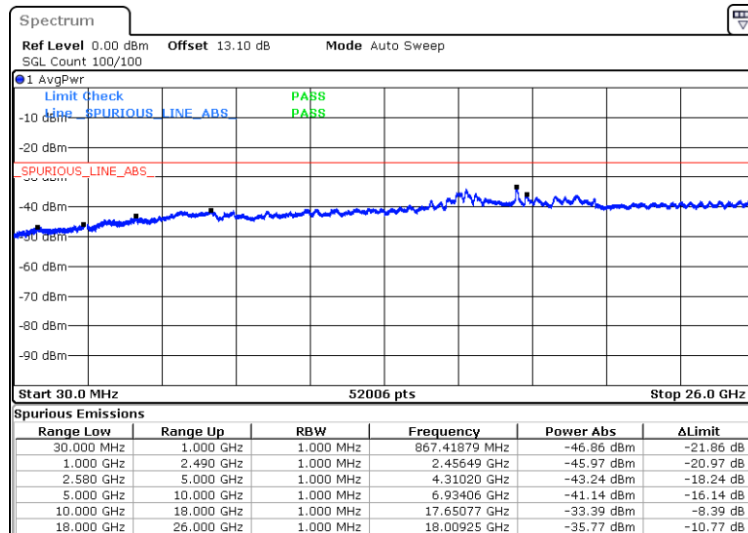
Date: 20.JUN.2025 04:05:13

Middle Channel / QPSK



Date: 20.JUN.2025 04:06:41

Highest Channel / QPSK

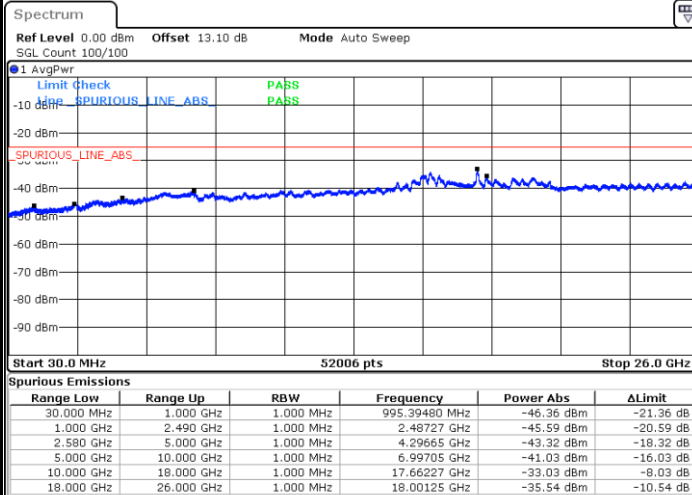


Date: 20.JUN.2025 04:08:08



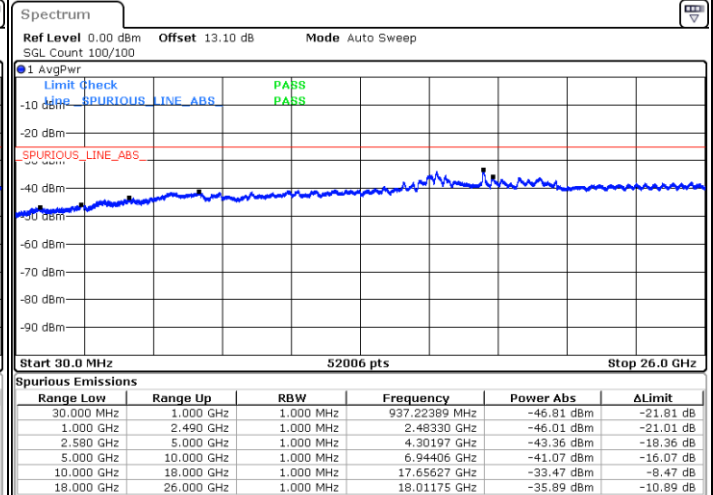
LTE Band 7 / 15MHz

Lowest Channel / QPSK



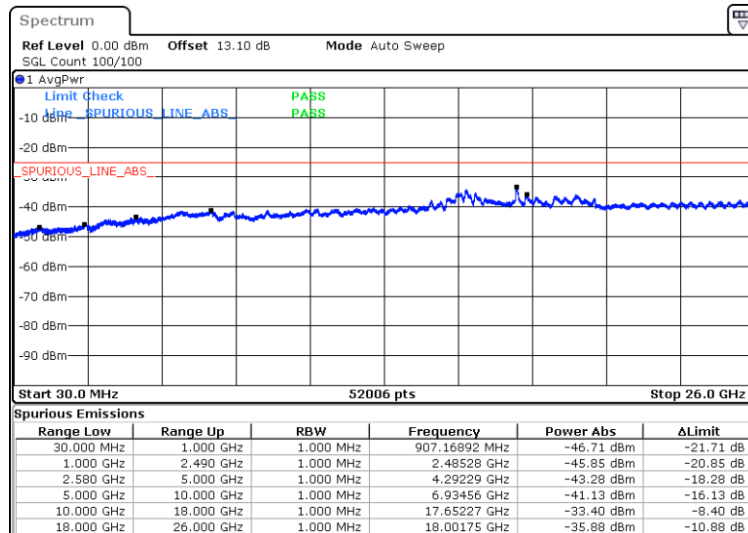
Date: 20.JUN.2025 04:09:41

Middle Channel / QPSK



Date: 20.JUN.2025 04:11:08

Highest Channel / QPSK

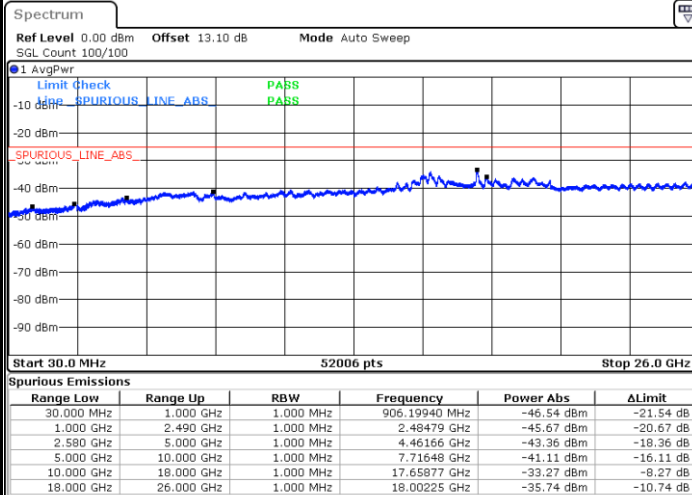


Date: 20.JUN.2025 04:12:36



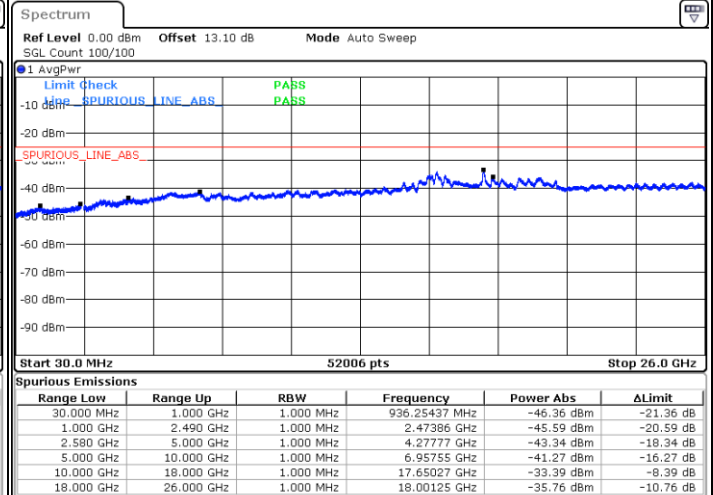
LTE Band 7 / 20MHz

Lowest Channel / QPSK



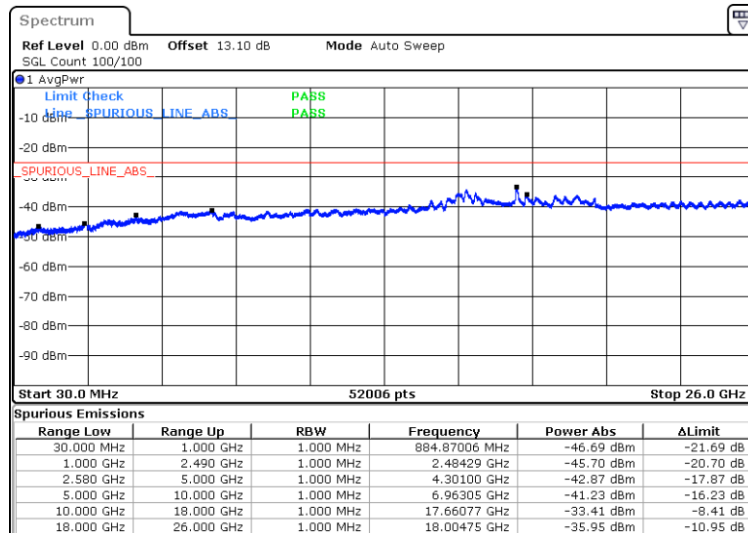
Date: 20.JUN.2025 04:14:08

Middle Channel / QPSK



Date: 20.JUN.2025 04:15:36

Highest Channel / QPSK



Date: 20.JUN.2025 04:17:03

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0040	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0018	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.93	5.94	6.20	6.49	PASS