FCC RADIO TEST REPORT

FCC ID	:	**U4G-SGVNRNA**
Equipment	:	**Mobile Computer/Barcode Reader**
Brand Name	:	**Datalogic**
Model Name	:	**SGVNRNA**
Applicant	:	**Datalogic S.r.l.** **Via San Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy**
Manufacturer	:	**Datalogic S.r.l.** **Via San Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)**

The product was received on Apr. 17, 2024 and testing was performed from May 06, 2024 to Jul. 11, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI 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
FG440146B	01	Initial issue of report	Jul. 02, 2024
FG440146B	02	Revise Section 1.1 and Appendix B This report is an updated version, replacing the report issued on Jul. 02, 2024.	Jul. 11, 2024

Summary of Test Result

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

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.213	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66)	Pass	5.55 dB under the limit at 6930.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Conformity Assessment Condition:

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

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The purpose of different equipment name is for marketing segmentation.

Reviewed by: Wei Chen

Report Producer: Rebecca Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/ax, NFC, WPC Rx, and GNSS. **Antenna Type** WWAN: **<Ant. 0>**: Loop Antenna **<Ant. 1>**: Loop Antenna **<Ant. 2+3>**: Coupling monopole Antenna **<Ant. 4>**: PIFA Antenna **<Ant. 5>**: PIFA Antenna **<Ant. 6>**: Loop Antenna **<Ant. 7>**: Monopole Antenna WLAN: **<Ant. 8>**: Coupling monopole Antenna **<Ant. 9>**: Loop Antenna Bluetooth: Coupling monopole Antenna GPS/Glonass/BDS/Galileo: Coupling monopole Antenna NFC: Loop Antenna WPC Rx: Single Coil Antenna	
Sample 1	scan (Argon)
Sample 2	scan (Xenon)
HW Version	DVT2
SW Version	dl4490_gms-userdebug_1.04.001.20240520_a13_qfil_fastboot
Antenna Gain	**<Ant. 0>** Band 5: -2.31 dBi Band 12: -2.02 dBi Band 13: -1.92 dBi Band 14: -2.31 dBi Band 17: -2.35 dBi Band 26: -2.31 dBi **<Ant. 1>** Band 2: 0.61 dBi Band 4: 1.31 dBi Band 7: -2.31 dBi Band 25: 0.61 dBi Band 30: -0.50 dBi Band 38: -1.60 dBi Band 41: -1.60 dBi Band 66: 1.31 dBi

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

EUT Information List		
S/N	**P/N**	**Performed Test Item**
68bc07bd	944850003	Conducted Measurement ERP/EIRP
V24D00512 V24D00148	944850003 944850006	Radiated Spurious Emission

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66
Evaluated and Tested band	B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B25 cover B2 (Part 24) ■ B26 cover B5 (Part 22) ■ B66 cover B4 (Part 27)

band Power Class		
	PC3	-
B2	V	-
B4	V	-
B5	V	-
B7	V	-
B12	V	-
B13	V	-
B14	V	-
B17	V	-
B25	V	-
B26	V	-
B30	V	-
B38	V	-
B41	V	-
B66	V	-

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH03-HY	03CH07-HY
Test Engineer	Bryant Liu	Jesse Wang, Stan Hsieh, and Ken Wu
Temperature (℃)	22.3~22.9	20.8~25.6
Relative Humidity (%)	53.2~55.5	48.2~69.8

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

FCC Designation No.: TW1190

1.4 Applicable Standards

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

- ANSI C63.26-2015
- 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 three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

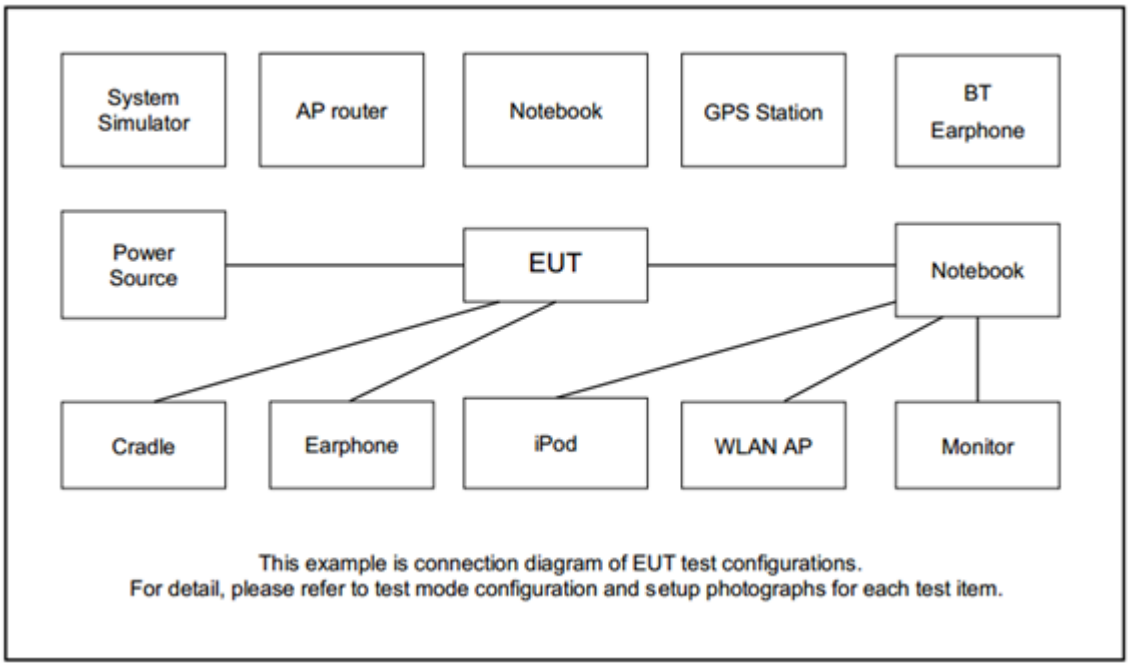
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	Max	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	All	1RB Full	L, M, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	L, 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. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adapter mode is the worst case for the official test.

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	MT8821	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

= 4.2 + 10 = 14.2 (dB)

2.5 Frequency List of Low/Middle/High Channels

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

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

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

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

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

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

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

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

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

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

LTE Band 26 Channel and Frequency List (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 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

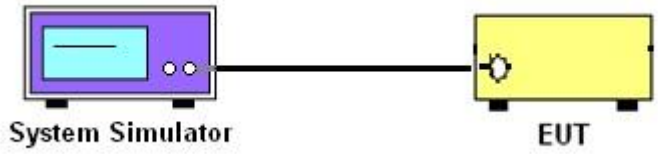
3 Conducted Test Items

3.1 Measuring Instruments

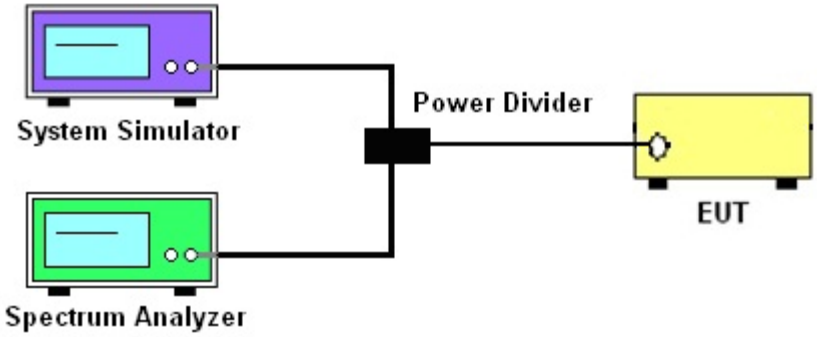
See list of measuring instruments of this test report.

3.1.1 Test Setup

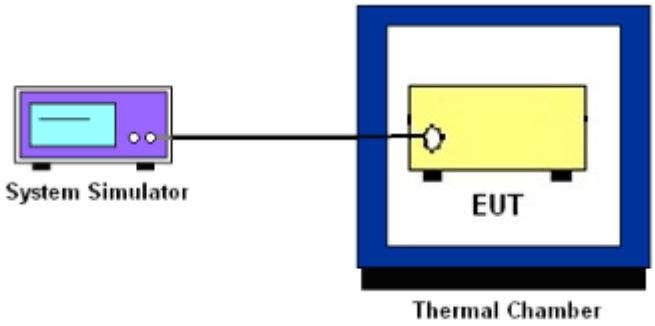
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

27.53(m)(4)

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

27.53 (a)(4)

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

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

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

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

90.543(e)

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

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

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

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.
   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The other 40 dB, and 55 dB have additionally applied same calculation above.

3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

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

For LTE Band 26

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

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

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

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

For LTE Band 26

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

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

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

For LTE Band 30

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

For LTE Band 7, 38, 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 30
   The limit line is derived from 70 + 10log(P)dB below the transmitter power P(Watts)
   For LTE Band 7, 38, 41
   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

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 ±0.00025% (±2.5ppm) of the center frequency.

24.235 & 27.54

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

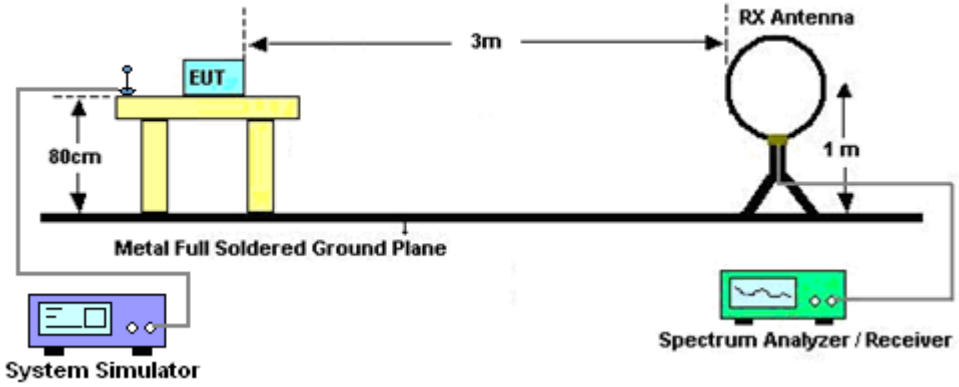
4 Radiated Test Items

4.1 Measuring Instruments

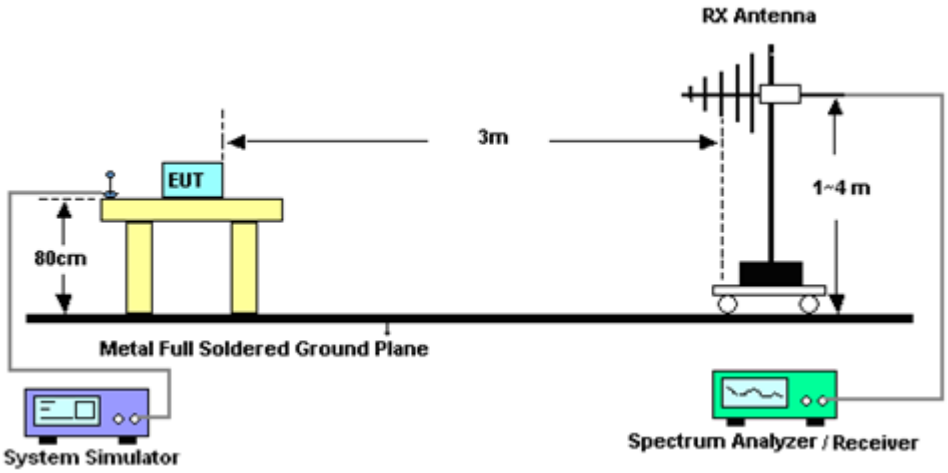
See list of measuring instruments of this test report.

4.1.1 Test Setup

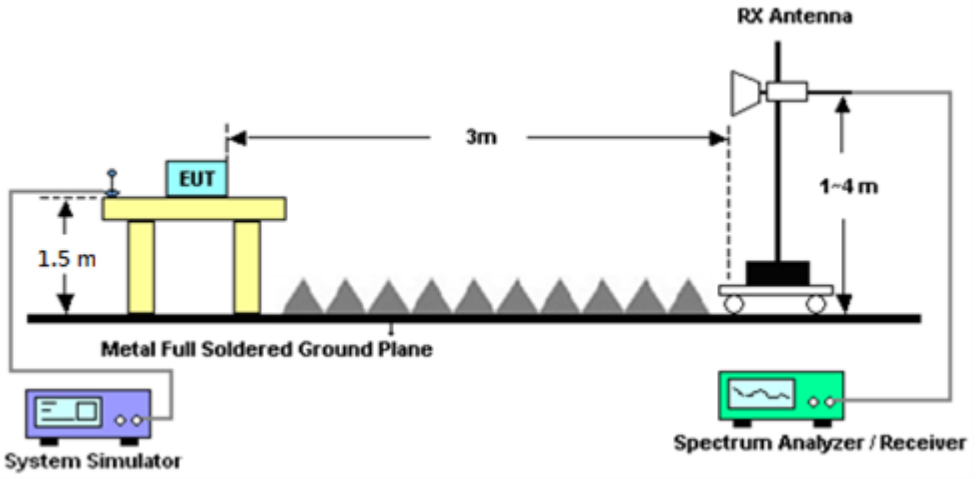
For radiated test below 30MHz



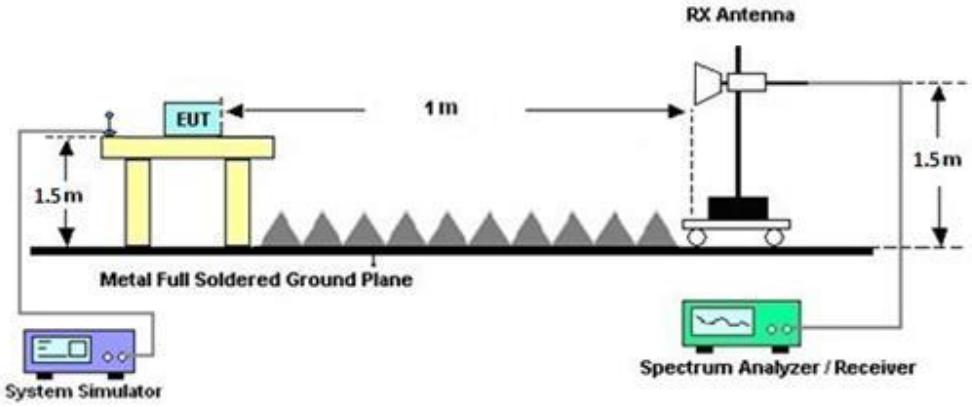
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI 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)

   EIRP(dBm) = Level (dBuV/m) + 20log(d) -104.77,

   where d is the distance at which filed 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
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Apr. 22, 2024	May 15, 2024~ Jul. 11, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	May 15, 2024~ Jul. 11, 2024	Feb. 22, 2025	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 27, 2023	May 15, 2024~ Jul. 11, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 02, 2023	May 15, 2024~ Jul. 11, 2024	Oct. 01, 2024	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	May 15, 2024~ Jul. 11, 2024	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	May 15, 2024~ Jul. 11, 2024	Jul. 24, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	May 15, 2024~ Jul. 11, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	May 15, 2024~ Jul. 11, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	May 15, 2024~ Jul. 11, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	May 15, 2024~ Jul. 11, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	May 15, 2024~ Jul. 11, 2024	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	May 15, 2024~ Jul. 11, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	May 15, 2024~ Jul. 11, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	May 15, 2024~ Jul. 11, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 01, 2024	May 15, 2024~ Jul. 11, 2024	Feb. 28, 2025	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	May 15, 2024~ Jul. 11, 2024	Mar. 25, 2025	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2023	May 15, 2024~ Jul. 11, 2024	Nov. 23, 2024	Radiation (03CH07-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	May 06, 2024~ May 21, 2024	Oct. 02, 2024	Conducted (TH03-DHY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 04, 2023	May 06, 2024~ May 21, 2024	Sep. 03, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V；0A~6A	Nov. 28, 2023	May 06, 2024~ May 21, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#A	1-18GHz	Jan. 02, 2024	May 06, 2024~ May 21, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 14, 2023	May 06, 2024~ May 21, 2024	Jul. 13, 2024	Conducted (TH03-HY)
Power divider	Anritsu	K241C	TP210073	9KHz~40GHz	Jun. 13, 2023	May 06, 2024~ May 21, 2024	Jun. 12, 2024	Conducted (TH03-HY)

6 Measurement Uncertainty

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

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

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

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

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

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

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.01	23.14	23.10	23.75	0.2371
20	1	49		23.10	23.06	23.09		
20	1	99		23.02	22.96	23.02		
20	50	0		22.23	22.23	21.97		
20	50	24		22.30	22.21	22.23		
20	50	50		22.29	22.24	22.25		
20	100	0		22.31	22.20	22.21		
20	1	0	16-QAM	22.51	22.59	22.48	23.23	0.2104
20	1	49		22.52	22.57	22.62		
20	1	99		22.36	22.49	22.46		
20	50	0		21.24	21.25	21.24		
20	50	24		21.34	21.24	21.25		
20	50	50		21.28	21.27	21.30		
20	100	0		21.31	21.13	21.22		
20	1	0	64-QAM	21.43	21.49	21.44	22.10	0.1622
20	1	49		21.32	21.42	20.88		
20	1	99		21.27	21.33	21.34		
20	50	0		20.24	20.26	20.26		
20	50	24		20.33	20.24	20.26		
20	50	50		20.29	20.26	20.31		
20	100	0		20.31	20.24	20.24		
20	1	0	256-QAM	17.91	18.05	17.84	18.88	0.0773
20	1	49		18.17	18.27	18.14		
20	1	99		18.19	18.24	17.96		
20	50	0		17.91	18.14	18.12		
20	50	24		17.95	18.19	18.00		
20	50	50		18.07	18.20	17.95		
20	100	0		17.93	18.14	18.01		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.86	23.04	22.97	23.65	0.2317
15	1	37		22.92	22.95	22.95		
15	1	74		22.92	22.82	22.86		
15	36	0		22.10	22.12	21.81		
15	36	20		22.18	22.06	22.09		
15	36	39		22.15	22.14	22.12		
15	75	0		22.14	22.03	22.10		
15	1	0	16-QAM	22.39	22.42	22.34	23.08	0.2032
15	1	37		22.34	22.40	22.47		
15	1	74		22.17	22.31	22.35		
15	36	0		21.07	21.14	21.13		
15	36	20		21.22	21.08	21.06		
15	36	39		21.08	21.16	21.12		
15	75	0		21.18	21.03	21.04		
15	1	0	64-QAM	21.33	21.36	21.33	21.97	0.1574
15	1	37		21.13	21.22	20.71		
15	1	74		21.17	21.14	21.21		
15	36	0		20.14	20.09	20.08		
15	36	20		20.14	20.08	20.15		
15	36	39		20.17	20.16	20.18		
15	75	0		20.19	20.04	20.14		
15	1	0	256-QAM	17.75	17.90	17.70	18.70	0.0741
15	1	37		18.03	18.08	17.94		
15	1	74		18.09	18.09	17.79		
15	36	0		17.76	17.96	18.00		
15	36	20		17.76	18.07	17.89		
15	36	39		17.88	18.01	17.79		
15	75	0		17.82	17.97	17.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.87	22.95	22.92	23.59	0.2286
10	1	25		22.95	22.92	22.98		
10	1	49		22.87	22.82	22.89		
10	25	0		22.06	22.13	21.79		
10	25	12		22.11	22.06	22.09		
10	25	25		22.13	22.14	22.05		
10	50	0		22.19	22.07	22.02		
10	1	0	16-QAM	22.32	22.45	22.33	23.07	0.2028
10	1	25		22.39	22.42	22.46		
10	1	49		22.24	22.34	22.30		
10	25	0		21.12	21.12	21.05		
10	25	12		21.24	21.11	21.09		
10	25	25		21.11	21.14	21.13		
10	50	0		21.14	20.99	21.09		
10	1	0	64-QAM	21.27	21.29	21.28	21.90	0.1549
10	1	25		21.14	21.27	20.68		
10	1	49		21.09	21.17	21.16		
10	25	0		20.13	20.06	20.11		
10	25	12		20.14	20.13	20.10		
10	25	25		20.10	20.09	20.13		
10	50	0		20.18	20.05	20.08		
10	1	0	256-QAM	17.78	17.89	17.64	18.74	0.0748
10	1	25		18.06	18.13	18.03		
10	1	49		18.01	18.10	17.80		
10	25	0		17.81	18.01	17.93		
10	25	12		17.85	18.02	17.83		
10	25	25		17.87	18.07	17.80		
10	50	0		17.78	17.98	17.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.83	22.98	22.99	23.60	0.2291
5	1	12		22.92	22.93	22.96		
5	1	24		22.87	22.83	22.89		
5	12	0		22.13	22.08	21.86		
5	12	7		22.16	22.04	22.03		
5	12	13		22.15	22.08	22.09		
5	25	0		22.14	22.07	22.02		
5	1	0	16-QAM	22.35	22.42	22.36	23.10	0.2042
5	1	12		22.34	22.44	22.49		
5	1	24		22.19	22.33	22.36		
5	12	0		21.10	21.07	21.06		
5	12	7		21.23	21.08	21.10		
5	12	13		21.16	21.16	21.13		
5	25	0		21.17	21.03	21.04		
5	1	0	64-QAM	21.27	21.35	21.30	21.96	0.1570
5	1	12		21.14	21.25	20.76		
5	1	24		21.07	21.15	21.21		
5	12	0		20.08	20.15	20.06		
5	12	7		20.13	20.06	20.15		
5	12	13		20.18	20.08	20.19		
5	25	0		20.11	20.11	20.06		
5	1	0	256-QAM	17.73	17.92	17.72	18.75	0.0750
5	1	12		18.02	18.13	17.94		
5	1	24		18.03	18.14	17.84		
5	12	0		17.74	18.00	18.00		
5	12	7		17.78	18.05	17.84		
5	12	13		17.89	18.01	17.75		
5	25	0		17.80	17.97	17.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.89	22.97	22.99	23.60	0.2291
3	1	8		22.92	22.90	22.97		
3	1	14		22.91	22.82	22.90		
3	8	0		22.05	22.10	21.77		
3	8	4		22.19	22.06	22.11		
3	8	7		22.13	22.07	22.12		
3	15	0		22.15	22.02	22.08		
3	1	0	16-QAM	22.36	22.46	22.30	23.12	0.2051
3	1	8		22.37	22.45	22.51		
3	1	14		22.16	22.33	22.34		
3	8	0		21.05	21.10	21.14		
3	8	4		21.15	21.07	21.09		
3	8	7		21.11	21.09	21.20		
3	15	0		21.19	20.99	21.08		
3	1	0	64-QAM	21.26	21.31	21.24	21.92	0.1556
3	1	8		21.19	21.31	20.73		
3	1	14		21.08	21.19	21.17		
3	8	0		20.12	20.08	20.06		
3	8	4		20.13	20.13	20.07		
3	8	7		20.19	20.06	20.12		
3	15	0		20.21	20.14	20.13		
3	1	0	256-QAM	17.80	17.88	17.69	18.72	0.0745
3	1	8		17.98	18.07	17.95		
3	1	14		18.09	18.11	17.84		
3	8	0		17.71	17.99	18.01		
3	8	4		17.75	18.01	17.81		
3	8	7		17.87	18.06	17.81		
3	15	0		17.74	17.94	17.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.81	22.99	22.95	23.60	0.2291
1.4	1	3		22.97	22.94	22.98		
1.4	1	5		22.82	22.86	22.83		
1.4	3	0		22.73	22.79	22.57		
1.4	3	1		22.87	22.80	22.74		
1.4	3	3		22.84	22.80	22.82		
1.4	6	0		22.15	22.08	22.05		
1.4	1	0	16-QAM	22.33	22.39	22.36	23.08	0.2032
1.4	1	3		22.41	22.47	22.45		
1.4	1	5		22.26	22.37	22.34		
1.4	3	0		22.34	22.35	22.25		
1.4	3	1		22.39	22.30	22.32		
1.4	3	3		22.31	22.31	22.34		
1.4	6	0		21.12	20.93	21.09		
1.4	1	0	64-QAM	21.25	21.30	21.27	22.06	0.1607
1.4	1	3		21.15	21.28	20.74		
1.4	1	5		21.08	21.16	21.18		
1.4	3	0		21.25	21.28	21.29		
1.4	3	1		21.45	21.30	21.29		
1.4	3	3		21.38	21.31	21.31		
1.4	6	0		20.18	20.10	20.08		
1.4	1	0	256-QAM	17.72	17.86	17.74	18.70	0.0741
1.4	1	3		18.05	18.07	17.95		
1.4	1	5		18.09	18.05	17.85		
1.4	3	0		17.72	17.95	18.02		
1.4	3	1		17.82	18.08	17.88		
1.4	3	3		17.97	18.07	17.75		
1.4	6	0		17.80	17.95	17.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.18	23.22	23.12	23.83	0.2415
20	1	49		23.17	23.14	23.08		
20	1	99		23.11	23.06	23.04		
20	50	0		22.53	22.48	22.44		
20	50	24		22.59	22.52	22.04		
20	50	50		22.54	22.47	22.45		
20	100	0		22.57	22.51	22.50		
20	1	0	16-QAM	22.78	22.83	22.72	23.44	0.2208
20	1	49		22.78	22.78	22.74		
20	1	99		22.73	22.66	22.70		
20	50	0		21.54	21.46	21.43		
20	50	24		21.59	21.53	21.51		
20	50	50		21.55	21.46	21.44		
20	100	0		21.56	21.49	21.50		
20	1	0	64-QAM	21.75	21.56	21.67	22.36	0.1722
20	1	49		21.73	21.71	21.66		
20	1	99		21.62	21.61	20.98		
20	50	0		20.52	20.49	20.44		
20	50	24		20.61	20.54	20.51		
20	50	50		20.56	20.47	20.46		
20	100	0		20.57	20.52	20.49		
20	1	0	256-QAM	18.07	18.32	18.22	19.10	0.0813
20	1	49		18.29	18.49	18.35		
20	1	99		18.14	18.37	18.17		
20	50	0		18.15	18.30	18.15		
20	50	24		18.11	18.32	18.02		
20	50	50		18.11	18.37	18.33		
20	100	0		18.15	18.31	18.30		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.03	23.03	23.05	23.73	0.2360
15	1	37		23.06	23.12	22.91		
15	1	74		23.09	22.90	23.01		
15	36	0		22.42	22.37	22.30		
15	36	20		22.42	22.39	21.91		
15	36	39		22.43	22.33	22.31		
15	75	0		22.53	22.32	22.41		
15	1	0	16-QAM	22.66	22.69	22.68	23.35	0.2163
15	1	37		22.74	22.70	22.72		
15	1	74		22.63	22.61	22.57		
15	36	0		21.42	21.29	21.30		
15	36	20		21.48	21.44	21.50		
15	36	39		21.47	21.28	21.33		
15	75	0		21.46	21.43	21.33		
15	1	0	64-QAM	21.60	21.47	21.56	22.28	0.1690
15	1	37		21.67	21.65	21.48		
15	1	74		21.61	21.47	20.79		
15	36	0		20.38	20.36	20.31		
15	36	20		20.54	20.44	20.43		
15	36	39		20.39	20.46	20.45		
15	75	0		20.39	20.50	20.41		
15	1	0	256-QAM	17.89	18.21	18.16	18.94	0.0783
15	1	37		18.23	18.31	18.24		
15	1	74		18.13	18.33	18.10		
15	36	0		18.08	18.21	18.08		
15	36	20		17.92	18.21	18.00		
15	36	39		18.09	18.32	18.28		
15	75	0		18.08	18.16	18.14		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.13	23.04	22.98	23.74	0.2366
10	1	25		23.00	23.07	22.96		
10	1	49		23.01	22.93	22.95		
10	25	0		22.44	22.45	22.27		
10	25	12		22.58	22.46	21.96		
10	25	25		22.49	22.30	22.33		
10	50	0		22.42	22.43	22.48		
10	1	0	16-QAM	22.66	22.80	22.65	23.41	0.2193
10	1	25		22.75	22.65	22.60		
10	1	49		22.59	22.60	22.69		
10	25	0		21.50	21.42	21.25		
10	25	12		21.48	21.40	21.46		
10	25	25		21.47	21.38	21.35		
10	50	0		21.47	21.47	21.40		
10	1	0	64-QAM	21.60	21.37	21.51	22.31	0.1702
10	1	25		21.61	21.70	21.60		
10	1	49		21.50	21.48	20.83		
10	25	0		20.49	20.43	20.35		
10	25	12		20.59	20.47	20.37		
10	25	25		20.46	20.45	20.28		
10	50	0		20.53	20.42	20.36		
10	1	0	256-QAM	17.97	18.23	18.09	19.03	0.0800
10	1	25		18.20	18.42	18.34		
10	1	49		17.96	18.35	18.08		
10	25	0		18.11	18.17	18.01		
10	25	12		18.00	18.19	17.89		
10	25	25		18.00	18.31	18.29		
10	50	0		17.96	18.19	18.23		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.04	23.13	22.94	23.77	0.2382
5	1	12		23.16	23.00	22.91		
5	1	24		23.04	23.03	22.86		
5	12	0		22.34	22.41	22.36		
5	12	7		22.44	22.40	22.01		
5	12	13		22.48	22.29	22.32		
5	25	0		22.52	22.36	22.36		
5	1	0	16-QAM	22.72	22.79	22.64	23.40	0.2188
5	1	12		22.68	22.64	22.63		
5	1	24		22.67	22.49	22.56		
5	12	0		21.48	21.45	21.29		
5	12	7		21.53	21.42	21.46		
5	12	13		21.43	21.45	21.42		
5	25	0		21.51	21.43	21.36		
5	1	0	64-QAM	21.56	21.44	21.48	22.25	0.1679
5	1	12		21.64	21.63	21.62		
5	1	24		21.51	21.50	20.90		
5	12	0		20.35	20.43	20.36		
5	12	7		20.43	20.47	20.46		
5	12	13		20.43	20.30	20.36		
5	25	0		20.45	20.38	20.44		
5	1	0	256-QAM	17.98	18.28	18.17	18.99	0.0793
5	1	12		18.12	18.38	18.22		
5	1	24		18.00	18.25	18.01		
5	12	0		18.01	18.29	18.10		
5	12	7		18.06	18.18	17.89		
5	12	13		17.98	18.19	18.30		
5	25	0		17.96	18.25	18.26		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.10	23.14	23.06	23.75	0.2371
3	1	8		23.07	22.99	22.97		
3	1	14		23.09	22.97	22.89		
3	8	0		22.47	22.35	22.39		
3	8	4		22.57	22.42	21.87		
3	8	7		22.46	22.32	22.36		
3	15	0		22.54	22.42	22.43		
3	1	0	16-QAM	22.71	22.81	22.69	23.42	0.2198
3	1	8		22.59	22.65	22.55		
3	1	14		22.68	22.52	22.60		
3	8	0		21.42	21.37	21.40		
3	8	4		21.43	21.52	21.45		
3	8	7		21.46	21.27	21.41		
3	15	0		21.48	21.40	21.38		
3	1	0	64-QAM	21.66	21.37	21.57	22.27	0.1687
3	1	8		21.55	21.59	21.59		
3	1	14		21.57	21.48	20.80		
3	8	0		20.38	20.45	20.36		
3	8	4		20.50	20.46	20.37		
3	8	7		20.53	20.30	20.40		
3	15	0		20.44	20.46	20.38		
3	1	0	256-QAM	17.96	18.13	18.09	18.98	0.0791
3	1	8		18.26	18.37	18.24		
3	1	14		18.03	18.22	18.05		
3	8	0		18.14	18.21	18.14		
3	8	4		18.08	18.19	17.88		
3	8	7		18.06	18.22	18.26		
3	15	0		18.11	18.24	18.12		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.61 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.10	23.13	23.05	23.75	0.2371
1.4	1	3		23.10	23.10	23.03		
1.4	1	5		22.93	22.87	22.95		
1.4	3	0		23.11	22.95	22.86		
1.4	3	1		23.14	23.04	22.62		
1.4	3	3		23.06	23.03	22.91		
1.4	6	0		22.42	22.34	22.37		
1.4	1	0	16-QAM	22.77	22.71	22.68	23.38	0.2178
1.4	1	3		22.59	22.69	22.60		
1.4	1	5		22.62	22.56	22.57		
1.4	3	0		22.62	22.47	22.47		
1.4	3	1		22.74	22.60	22.61		
1.4	3	3		22.74	22.51	22.63		
1.4	6	0		21.47	21.31	21.31		
1.4	1	0	64-QAM	21.59	21.54	21.48	22.30	0.1698
1.4	1	3		21.58	21.52	21.60		
1.4	1	5		21.54	21.54	20.93		
1.4	3	0		21.66	21.54	21.60		
1.4	3	1		21.68	21.69	21.66		
1.4	3	3		21.66	21.63	21.47		
1.4	6	0		20.52	20.39	20.38		
1.4	1	0	256-QAM	17.97	18.19	18.07	19.04	0.0802
1.4	1	3		18.24	18.43	18.28		
1.4	1	5		18.12	18.25	17.98		
1.4	3	0		18.06	18.20	18.00		
1.4	3	1		17.92	18.27	17.84		
1.4	3	3		18.08	18.23	18.30		
1.4	6	0		18.03	18.13	18.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.17	23.20	23.10	24.51	0.2825
20	1	49		23.12	23.11	23.08		
20	1	99		23.11	23.03	23.06		
20	50	0		22.35	22.34	22.32		
20	50	24		22.33	22.30	22.28		
20	50	50		21.72	22.32	22.24		
20	100	0		22.31	22.25	22.63		
20	1	0	16-QAM	22.60	22.56	22.58	23.91	0.2460
20	1	49		22.49	22.53	21.99		
20	1	99		22.57	22.39	22.40		
20	50	0		21.35	21.32	21.37		
20	50	24		21.34	21.31	21.29		
20	50	50		21.34	21.31	21.26		
20	100	0		21.35	21.46	21.54		
20	1	0	64-QAM	21.50	21.45	21.46	23.54	0.2259
20	1	49		21.40	21.43	21.34		
20	1	99		21.44	22.22	22.23		
20	50	0		19.79	20.35	20.34		
20	50	24		20.36	19.74	20.29		
20	50	50		20.31	20.32	20.26		
20	100	0		20.34	20.90	21.11		
20	1	0	256-QAM	18.08	18.22	18.02	19.81	0.0957
20	1	49		18.16	18.30	18.23		
20	1	99		18.28	18.50	18.24		
20	50	0		18.08	18.11	17.93		
20	50	24		18.05	18.30	18.13		
20	50	50		18.25	18.41	18.28		
20	100	0		18.31	18.31	18.04		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.01	23.03	22.91	24.34	0.2716
15	1	37		22.96	22.93	22.93		
15	1	74		22.93	22.83	22.94		
15	36	0		22.22	22.14	22.15		
15	36	20		22.13	22.17	22.14		
15	36	39		21.54	22.19	22.08		
15	75	0		22.15	22.11	22.50		
15	1	0	16-QAM	22.40	22.40	22.40	23.75	0.2371
15	1	37		22.35	22.39	21.88		
15	1	74		22.44	22.22	22.22		
15	36	0		21.16	21.17	21.26		
15	36	20		21.18	21.19	21.10		
15	36	39		21.15	21.13	21.06		
15	75	0		21.24	21.28	21.35		
15	1	0	64-QAM	21.31	21.26	21.30	23.43	0.2203
15	1	37		21.22	21.31	21.22		
15	1	74		21.24	22.07	22.12		
15	36	0		19.64	20.23	20.17		
15	36	20		20.18	19.55	20.17		
15	36	39		20.14	20.13	20.13		
15	75	0		20.17	20.77	20.94		
15	1	0	256-QAM	17.94	18.10	17.89	19.64	0.0920
15	1	37		17.98	18.14	18.06		
15	1	74		18.11	18.33	18.12		
15	36	0		17.96	17.98	17.77		
15	36	20		17.93	18.18	17.93		
15	36	39		18.15	18.22	18.09		
15	75	0		18.21	18.16	17.90		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.07	23.02	22.96	24.38	0.2742
10	1	25		22.92	22.91	22.95		
10	1	49		22.96	22.88	22.90		
10	25	0		22.15	22.22	22.13		
10	25	12		22.15	22.17	22.16		
10	25	25		21.56	22.19	22.05		
10	50	0		22.15	22.12	22.46		
10	1	0	16-QAM	22.47	22.46	22.39	23.78	0.2388
10	1	25		22.31	22.42	21.80		
10	1	49		22.37	22.21	22.26		
10	25	0		21.15	21.19	21.25		
10	25	12		21.18	21.18	21.17		
10	25	25		21.22	21.16	21.15		
10	50	0		21.23	21.29	21.36		
10	1	0	64-QAM	21.35	21.28	21.30	23.38	0.2178
10	1	25		21.28	21.27	21.15		
10	1	49		21.24	22.04	22.07		
10	25	0		19.66	20.21	20.24		
10	25	12		20.21	19.62	20.19		
10	25	25		20.12	20.16	20.16		
10	50	0		20.14	20.74	20.99		
10	1	0	256-QAM	17.94	18.08	17.88	19.63	0.0918
10	1	25		18.05	18.14	18.12		
10	1	49		18.10	18.32	18.07		
10	25	0		17.97	17.94	17.82		
10	25	12		17.94	18.12	17.94		
10	25	25		18.11	18.29	18.09		
10	50	0		18.11	18.18	17.89		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.00	23.08	22.93	24.39	0.2748
5	1	12		22.93	22.92	22.95		
5	1	24		23.01	22.93	22.90		
5	12	0		22.23	22.17	22.21		
5	12	7		22.15	22.12	22.15		
5	12	13		21.53	22.13	22.07		
5	25	0		22.18	22.15	22.45		
5	1	0	16-QAM	22.46	22.41	22.43	23.77	0.2382
5	1	12		22.37	22.40	21.89		
5	1	24		22.43	22.25	22.28		
5	12	0		21.18	21.14	21.23		
5	12	7		21.23	21.20	21.15		
5	12	13		21.21	21.12	21.11		
5	25	0		21.17	21.35	21.41		
5	1	0	64-QAM	21.40	21.25	21.30	23.43	0.2203
5	1	12		21.22	21.26	21.22		
5	1	24		21.30	22.08	22.12		
5	12	0		19.64	20.18	20.18		
5	12	7		20.18	19.54	20.15		
5	12	13		20.14	20.16	20.07		
5	25	0		20.19	20.77	20.95		
5	1	0	256-QAM	17.91	18.02	17.88	19.64	0.0920
5	1	12		17.98	18.11	18.07		
5	1	24		18.10	18.33	18.11		
5	12	0		17.91	17.98	17.81		
5	12	7		17.93	18.15	17.94		
5	12	13		18.10	18.25	18.08		
5	25	0		18.20	18.20	17.86		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.02	23.05	23.00	24.36	0.2729
3	1	8		23.01	22.95	22.91		
3	1	14		22.98	22.90	22.93		
3	8	0		22.17	22.15	22.19		
3	8	4		22.22	22.13	22.12		
3	8	7		21.54	22.22	22.14		
3	15	0		22.17	22.13	22.47		
3	1	0	16-QAM	22.45	22.37	22.44	23.76	0.2377
3	1	8		22.38	22.41	21.85		
3	1	14		22.37	22.27	22.20		
3	8	0		21.19	21.16	21.19		
3	8	4		21.17	21.21	21.16		
3	8	7		21.23	21.14	21.07		
3	15	0		21.23	21.30	21.43		
3	1	0	64-QAM	21.37	21.33	21.27	23.43	0.2203
3	1	8		21.24	21.25	21.23		
3	1	14		21.33	22.07	22.12		
3	8	0		19.61	20.25	20.20		
3	8	4		20.22	19.54	20.15		
3	8	7		20.11	20.22	20.09		
3	15	0		20.24	20.71	21.00		
3	1	0	256-QAM	17.98	18.06	17.84	19.69	0.0931
3	1	8		18.01	18.11	18.05		
3	1	14		18.10	18.38	18.07		
3	8	0		17.98	17.95	17.76		
3	8	4		17.90	18.11	18.02		
3	8	7		18.11	18.30	18.09		
3	15	0		18.19	18.12	17.85		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.06	23.07	22.94	24.38	0.2742
1.4	1	3		22.92	22.96	22.97		
1.4	1	5		22.94	22.86	22.93		
1.4	3	0		22.78	22.74	22.72		
1.4	3	1		22.83	22.79	22.68		
1.4	3	3		22.74	22.56	22.55		
1.4	6	0		22.11	22.13	22.50		
1.4	1	0	16-QAM	22.45	22.45	22.47	23.78	0.2388
1.4	1	3		22.29	22.41	21.89		
1.4	1	5		22.42	22.28	22.21		
1.4	3	0		22.35	22.42	22.44		
1.4	3	1		22.36	22.31	22.31		
1.4	3	3		22.34	22.37	22.29		
1.4	6	0		21.15	21.28	21.34		
1.4	1	0	64-QAM	21.38	21.29	21.33	23.42	0.2198
1.4	1	3		21.25	21.30	21.21		
1.4	1	5		21.26	22.10	22.11		
1.4	3	0		20.86	21.45	21.39		
1.4	3	1		21.37	20.80	21.38		
1.4	3	3		21.39	21.42	21.30		
1.4	6	0		20.22	20.80	21.00		
1.4	1	0	256-QAM	17.96	18.04	17.87	19.64	0.0920
1.4	1	3		17.96	18.16	18.10		
1.4	1	5		18.08	18.33	18.12		
1.4	3	0		17.95	17.99	17.73		
1.4	3	1		17.93	18.10	17.99		
1.4	3	3		18.14	18.28	18.13		
1.4	6	0		18.13	18.19	17.85		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.12	23.32	23.27	18.86	0.0769
10	1	25		23.15	23.29	23.31		
10	1	49		23.16	23.25	23.25		
10	25	0		22.46	22.56	22.60		
10	25	12		22.56	22.57	22.71		
10	25	25		22.51	22.63	22.67		
10	50	0		22.53	22.55	22.62		
10	1	0	16-QAM	22.70	22.72	22.88	18.46	0.0701
10	1	25		22.70	22.92	22.92		
10	1	49		22.73	22.87	22.82		
10	25	0		21.46	21.56	21.64		
10	25	12		21.54	21.60	21.71		
10	25	25		21.54	21.60	21.69		
10	50	0		21.52	21.55	21.63		
10	1	0	64-QAM	21.67	21.74	21.82	17.44	0.0555
10	1	25		21.72	21.86	21.90		
10	1	49		21.71	21.84	21.76		
10	25	0		20.46	20.60	20.63		
10	25	12		20.56	20.60	20.70		
10	25	25		20.55	20.62	20.66		
10	50	0		20.52	20.57	20.61		
10	1	0	256-QAM	18.05	18.03	18.15	13.88	0.0244
10	1	25		18.10	18.32	18.23		
10	1	49		17.96	18.11	18.14		
10	25	0		18.28	18.34	18.25		
10	25	12		18.07	18.21	18.13		
10	25	25		18.21	18.05	18.08		
10	50	0		18.26	18.25	18.20		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.05	23.28	23.20	18.82	0.0762
5	1	12		23.04	23.28	23.16		
5	1	24		23.08	23.10	23.15		
5	12	0		22.44	22.53	22.55		
5	12	7		22.49	22.47	22.54		
5	12	13		22.33	22.61	22.51		
5	25	0		22.47	22.47	22.52		
5	1	0	16-QAM	22.56	22.62	22.87	18.41	0.0693
5	1	12		22.52	22.85	22.84		
5	1	24		22.57	22.76	22.68		
5	12	0		21.32	21.43	21.58		
5	12	7		21.37	21.54	21.63		
5	12	13		21.45	21.57	21.67		
5	25	0		21.44	21.37	21.47		
5	1	0	64-QAM	21.66	21.57	21.78	17.34	0.0542
5	1	12		21.61	21.73	21.80		
5	1	24		21.57	21.65	21.60		
5	12	0		20.34	20.55	20.51		
5	12	7		20.49	20.59	20.52		
5	12	13		20.38	20.44	20.47		
5	25	0		20.47	20.55	20.53		
5	1	0	256-QAM	17.92	17.91	18.12	13.79	0.0239
5	1	12		18.05	18.25	18.04		
5	1	24		17.79	17.96	18.12		
5	12	0		18.14	18.22	18.23		
5	12	7		17.89	18.06	18.01		
5	12	13		18.15	17.94	17.96		
5	25	0		18.09	18.23	18.10		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.96	23.24	23.13	18.78	0.0755
3	1	8		23.11	23.21	23.15		
3	1	14		23.02	23.06	23.15		
3	8	0		22.30	22.40	22.49		
3	8	4		22.52	22.52	22.66		
3	8	7		22.39	22.47	22.58		
3	15	0		22.38	22.43	22.58		
3	1	0	16-QAM	22.65	22.68	22.79	18.39	0.0690
3	1	8		22.63	22.85	22.78		
3	1	14		22.64	22.82	22.75		
3	8	0		21.33	21.44	21.56		
3	8	4		21.51	21.45	21.52		
3	8	7		21.45	21.56	21.54		
3	15	0		21.47	21.53	21.56		
3	1	0	64-QAM	21.51	21.67	21.71	17.33	0.0541
3	1	8		21.66	21.68	21.79		
3	1	14		21.69	21.72	21.62		
3	8	0		20.45	20.44	20.53		
3	8	4		20.54	20.45	20.56		
3	8	7		20.42	20.61	20.60		
3	15	0		20.45	20.40	20.53		
3	1	0	256-QAM	17.89	17.88	18.02	13.85	0.0243
3	1	8		18.03	18.31	18.04		
3	1	14		17.87	17.98	18.10		
3	8	0		18.26	18.25	18.09		
3	8	4		18.01	18.18	18.05		
3	8	7		18.04	18.00	18.03		
3	15	0		18.17	18.16	18.16		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.93	23.30	23.25	18.84	0.0766
1.4	1	3		23.07	23.15	23.19		
1.4	1	5		23.08	23.11	23.11		
1.4	3	0		23.01	23.04	23.06		
1.4	3	1		23.00	23.02	23.24		
1.4	3	3		23.06	23.13	23.12		
1.4	6	0		22.36	22.51	22.60		
1.4	1	0	16-QAM	22.60	22.55	22.77	18.42	0.0695
1.4	1	3		22.61	22.82	22.82		
1.4	1	5		22.69	22.68	22.79		
1.4	3	0		22.47	22.71	22.74		
1.4	3	1		22.66	22.65	22.88		
1.4	3	3		22.73	22.77	22.88		
1.4	6	0		21.36	21.49	21.59		
1.4	1	0	64-QAM	21.65	21.59	21.65	17.33	0.0541
1.4	1	3		21.64	21.68	21.72		
1.4	1	5		21.59	21.77	21.66		
1.4	3	0		21.59	21.65	21.71		
1.4	3	1		21.63	21.79	21.74		
1.4	3	3		21.70	21.73	21.78		
1.4	6	0		20.36	20.52	20.51		
1.4	1	0	256-QAM	18.60	18.46	18.68	14.45	0.0279
1.4	1	3		18.59	18.91	18.64		
1.4	1	5		18.55	18.69	18.60		
1.4	3	0		18.80	18.88	18.77		
1.4	3	1		18.50	18.80	18.61		
1.4	3	3		18.64	18.61	18.64		
1.4	6	0		18.21	18.13	18.02		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.71	22.96	22.83	20.65	0.1161
20	1	49		22.80	22.93	22.89		
20	1	99		22.81	22.79	22.94		
20	50	0		21.92	22.00	22.02		
20	50	24		22.06	22.15	22.06		
20	50	50		21.57	22.14	22.07		
20	100	0		22.04	22.05	22.04		
20	1	0	16-QAM	22.11	22.28	22.26	20.06	0.1014
20	1	49		22.22	22.37	22.27		
20	1	99		22.24	22.37	22.32		
20	50	0		20.91	21.02	21.04		
20	50	24		21.06	21.14	21.06		
20	50	50		21.04	21.15	21.08		
20	100	0		21.01	21.06	21.07		
20	1	0	64-QAM	20.94	21.13	22.41	20.12	0.1028
20	1	49		21.13	21.21	22.43		
20	1	99		21.12	21.25	21.21		
20	50	0		19.93	20.04	20.09		
20	50	24		20.07	19.59	21.40		
20	50	50		20.05	20.15	20.12		
20	100	0		20.05	20.07	20.09		
20	1	0	256-QAM	18.28	18.40	18.34	16.09	0.0406
20	1	49		17.82	17.95	17.94		
20	1	99		18.00	18.09	18.01		
20	50	0		17.85	18.03	17.92		
20	50	24		18.01	18.08	17.83		
20	50	50		18.01	18.12	18.03		
20	100	0		17.86	18.15	18.09		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.59	22.80	22.69	20.49	0.1119
15	1	37		22.70	22.79	22.73		
15	1	74		22.65	22.63	22.76		
15	36	0		21.78	21.82	21.87		
15	36	20		21.96	22.01	21.95		
15	36	39		21.56	21.95	21.91		
15	75	0		21.93	21.88	21.94		
15	1	0	16-QAM	21.94	22.14	22.16	19.94	0.0986
15	1	37		22.03	22.17	22.11		
15	1	74		22.04	22.25	22.19		
15	36	0		20.71	20.84	20.94		
15	36	20		20.95	20.98	20.95		
15	36	39		20.90	20.98	20.98		
15	75	0		20.86	20.86	20.89		
15	1	0	64-QAM	20.74	20.98	22.23	19.95	0.0989
15	1	37		21.01	21.04	22.26		
15	1	74		21.02	21.10	21.09		
15	36	0		19.73	19.92	19.91		
15	36	20		19.87	19.56	21.21		
15	36	39		19.94	20.04	19.98		
15	75	0		19.89	19.92	19.91		
15	1	0	256-QAM	18.15	18.28	18.22	15.97	0.0395
15	1	37		17.65	17.84	17.78		
15	1	74		17.88	17.96	17.87		
15	36	0		17.73	17.88	17.81		
15	36	20		17.91	17.94	17.68		
15	36	39		17.83	17.92	17.88		
15	75	0		17.75	18.00	17.89		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.55	22.83	22.65	20.52	0.1127
10	1	25		22.67	22.82	22.79		
10	1	49		22.64	22.62	22.76		
10	25	0		21.75	21.89	21.88		
10	25	12		21.89	22.03	21.86		
10	25	25		21.56	22.00	21.93		
10	50	0		21.87	21.93	21.85		
10	1	0	16-QAM	21.96	22.15	22.10	19.92	0.0982
10	1	25		22.11	22.23	22.09		
10	1	49		22.14	22.22	22.19		
10	25	0		20.81	20.83	20.87		
10	25	12		20.93	20.97	20.91		
10	25	25		20.84	21.00	20.97		
10	50	0		20.84	20.96	20.95		
10	1	0	64-QAM	20.81	20.93	22.22	19.98	0.0995
10	1	25		20.95	21.09	22.29		
10	1	49		20.95	21.11	21.04		
10	25	0		19.82	19.84	19.92		
10	25	12		19.91	19.51	21.30		
10	25	25		19.91	20.00	19.97		
10	50	0		19.95	19.91	19.95		
10	1	0	256-QAM	18.09	18.21	18.14	15.90	0.0389
10	1	25		17.71	17.85	17.83		
10	1	49		17.86	17.97	17.89		
10	25	0		17.66	17.93	17.73		
10	25	12		17.89	17.95	17.71		
10	25	25		17.84	17.94	17.85		
10	50	0		17.66	17.95	17.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.56	22.81	22.69	20.53	0.1130
5	1	12		22.64	22.76	22.74		
5	1	24		22.66	22.61	22.84		
5	12	0		21.79	21.86	21.91		
5	12	7		21.93	22.05	21.88		
5	12	13		21.54	21.95	21.88		
5	25	0		21.86	21.86	21.93		
5	1	0	16-QAM	21.99	22.16	22.14	19.92	0.0982
5	1	12		22.09	22.19	22.12		
5	1	24		22.13	22.23	22.22		
5	12	0		20.80	20.90	20.94		
5	12	7		20.95	20.98	20.89		
5	12	13		20.93	21.01	20.90		
5	25	0		20.82	20.86	20.91		
5	1	0	64-QAM	20.75	20.94	22.26	19.98	0.0995
5	1	12		21.00	21.02	22.29		
5	1	24		21.01	21.09	21.05		
5	12	0		19.78	19.93	19.92		
5	12	7		19.92	19.55	21.24		
5	12	13		19.88	19.98	19.98		
5	25	0		19.88	19.91	19.92		
5	1	0	256-QAM	18.10	18.29	18.17	15.98	0.0396
5	1	12		17.64	17.78	17.75		
5	1	24		17.83	17.99	17.85		
5	12	0		17.70	17.90	17.80		
5	12	7		17.83	17.98	17.69		
5	12	13		17.82	18.02	17.92		
5	25	0		17.71	17.96	17.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.11	23.22	23.08	19.05	0.0804
10	1	25		23.19	23.21	23.20		
10	1	49		23.17	23.18	23.12		
10	25	0		22.41	22.44	22.40		
10	25	12		22.53	22.48	22.44		
10	25	25		22.53	22.55	22.49		
10	50	0		22.53	22.48	22.43		
10	1	0	16-QAM	22.67	22.71	22.67	18.69	0.0740
10	1	25		22.79	22.86	22.84		
10	1	49		22.80	22.81	22.77		
10	25	0		21.42	21.42	21.42		
10	25	12		21.52	21.48	21.45		
10	25	25		21.56	21.56	21.51		
10	50	0		21.52	21.46	21.45		
10	1	0	64-QAM	21.65	21.58	21.67	17.61	0.0577
10	1	25		21.74	21.78	21.70		
10	1	49		21.71	21.74	21.63		
10	25	0		20.43	20.45	20.43		
10	25	12		20.55	20.48	20.44		
10	25	25		20.50	20.55	20.50		
10	50	0		20.50	20.44	20.41		
10	1	0	256-QAM	18.21	18.20	18.03	14.15	0.0260
10	1	25		18.32	18.23	18.13		
10	1	49		17.96	18.12	18.07		
10	25	0		18.32	18.19	18.16		
10	25	12		18.12	18.05	18.07		
10	25	25		18.10	18.18	17.98		
10	50	0		18.20	18.10	18.05		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.96	23.21	22.92	19.04	0.0802
5	1	12		23.16	23.05	23.07		
5	1	24		23.07	23.06	23.04		
5	12	0		22.31	22.31	22.39		
5	12	7		22.40	22.46	22.30		
5	12	13		22.49	22.44	22.38		
5	25	0		22.45	22.40	22.38		
5	1	0	16-QAM	22.65	22.64	22.58	18.61	0.0726
5	1	12		22.78	22.68	22.76		
5	1	24		22.63	22.70	22.65		
5	12	0		21.25	21.35	21.28		
5	12	7		21.45	21.38	21.33		
5	12	13		21.46	21.50	21.34		
5	25	0		21.40	21.39	21.30		
5	1	0	64-QAM	21.60	21.57	21.52	17.55	0.0569
5	1	12		21.64	21.72	21.62		
5	1	24		21.65	21.70	21.53		
5	12	0		20.39	20.29	20.37		
5	12	7		20.37	20.46	20.28		
5	12	13		20.32	20.53	20.31		
5	25	0		20.35	20.40	20.37		
5	1	0	256-QAM	18.10	18.05	18.00	14.08	0.0256
5	1	12		18.25	18.04	18.10		
5	1	24		17.93	18.11	18.00		
5	12	0		18.16	18.10	18.12		
5	12	7		17.99	17.94	17.90		
5	12	13		18.05	18.11	17.95		
5	25	0		18.18	18.09	17.92		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.06	23.16	22.94	18.99	0.0793
3	1	8		23.02	23.06	23.07		
3	1	14		23.08	23.01	23.00		
3	8	0		22.30	22.27	22.32		
3	8	4		22.36	22.38	22.36		
3	8	7		22.41	22.51	22.32		
3	15	0		22.41	22.42	22.35		
3	1	0	16-QAM	22.62	22.69	22.56	18.64	0.0731
3	1	8		22.61	22.81	22.81		
3	1	14		22.63	22.73	22.60		
3	8	0		21.23	21.27	21.41		
3	8	4		21.44	21.47	21.39		
3	8	7		21.53	21.44	21.44		
3	15	0		21.37	21.31	21.26		
3	1	0	64-QAM	21.59	21.57	21.52	17.55	0.0569
3	1	8		21.57	21.63	21.51		
3	1	14		21.56	21.72	21.44		
3	8	0		20.41	20.37	20.29		
3	8	4		20.37	20.36	20.32		
3	8	7		20.42	20.53	20.31		
3	15	0		20.32	20.37	20.23		
3	1	0	256-QAM	18.05	18.05	17.86	14.09	0.0256
3	1	8		18.26	18.13	18.05		
3	1	14		17.87	17.99	18.06		
3	8	0		18.24	18.08	18.14		
3	8	4		17.97	18.04	18.05		
3	8	7		17.96	18.15	17.84		
3	15	0		18.16	17.93	17.94		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.02 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.92	23.05	23.06	19.00	0.0794
1.4	1	3		23.08	23.14	23.17		
1.4	1	5		23.03	23.06	23.10		
1.4	3	0		22.86	22.89	22.95		
1.4	3	1		23.03	23.07	22.86		
1.4	3	3		22.96	23.08	23.01		
1.4	6	0		22.37	22.39	22.37		
1.4	1	0	16-QAM	22.62	22.52	22.52	18.59	0.0723
1.4	1	3		22.71	22.76	22.76		
1.4	1	5		22.73	22.71	22.67		
1.4	3	0		22.48	22.48	22.60		
1.4	3	1		22.59	22.55	22.64		
1.4	3	3		22.74	22.62	22.59		
1.4	6	0		21.42	21.38	21.32		
1.4	1	0	64-QAM	21.57	21.52	21.64	17.48	0.0560
1.4	1	3		21.59	21.59	21.51		
1.4	1	5		21.53	21.59	21.59		
1.4	3	0		21.56	21.61	21.49		
1.4	3	1		21.65	21.60	21.53		
1.4	3	3		21.58	21.63	21.54		
1.4	6	0		20.45	20.31	20.31		
1.4	1	0	256-QAM	18.03	18.18	17.97	14.03	0.0253
1.4	1	3		18.20	18.20	17.98		
1.4	1	5		17.79	17.96	17.94		
1.4	3	0		18.19	18.18	17.99		
1.4	3	1		18.08	17.90	18.04		
1.4	3	3		18.00	18.13	17.90		
1.4	6	0		18.01	17.96	17.96		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.07	-	19.00	0.0794
10	1	25			23.06			
10	1	49			22.99			
10	25	0			22.06			
10	25	12			22.15			
10	25	25			22.19			
10	50	0			22.16			
10	1	0	16-QAM		22.23		18.41	0.0693
10	1	25			22.48			
10	1	49			22.34			
10	25	0			21.08			
10	25	12			21.15			
10	25	25			21.17			
10	50	0			21.17			
10	1	0	64-QAM		21.17		17.33	0.0541
10	1	25			21.40			
10	1	49			21.31			
10	25	0			20.06			
10	25	12			20.16			
10	25	25			20.19			
10	50	0			20.15			
10	1	0	256-QAM		18.24		14.17	0.0261
10	1	25			18.04			
10	1	49			18.15			
10	25	0			18.12			
10	25	12			18.08			
10	25	25			18.17			
10	50	0			18.21			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.95	22.92	22.87	18.88	0.0773
5	1	12		22.86	22.93	22.91		
5	1	24		22.89	22.86	22.89		
5	12	0		21.95	21.96	21.93		
5	12	7		21.98	21.99	21.95		
5	12	13		22.08	22.02	22.09		
5	25	0		22.01	22.03	21.97		
5	1	0	16-QAM	22.09	22.11	22.07	18.29	0.0675
5	1	12		22.36	22.32	22.35		
5	1	24		22.15	22.15	22.17		
5	12	0		20.97	20.91	20.94		
5	12	7		20.99	20.97	21.01		
5	12	13		21.00	21.03	21.03		
5	25	0		21.06	21.05	21.03		
5	1	0	64-QAM	20.98	21.07	21.02	17.23	0.0528
5	1	12		21.22	21.22	21.30		
5	1	24		21.21	21.13	21.11		
5	12	0		19.93	19.89	19.90		
5	12	7		19.96	19.97	20.02		
5	12	13		20.07	20.01	20.01		
5	25	0		20.03	20.05	20.05		
5	1	0	256-QAM	18.14	18.09	18.13	14.07	0.0255
5	1	12		17.94	17.87	17.93		
5	1	24		17.99	18.01	18.02		
5	12	0		17.95	17.92	17.93		
5	12	7		17.96	17.95	17.89		
5	12	13		17.97	17.98	18.00		
5	25	0		18.07	18.05	18.04		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.11	23.22	23.08	18.72	0.0745
10	1	25		23.18	23.21	23.20		
10	1	49		23.16	23.10	23.08		
10	25	0		22.47	22.46	22.46		
10	25	12		22.61	22.51	22.53		
10	25	25		22.58	22.47	22.45		
10	50	0		22.57	22.47	22.47		
10	1	0	16-QAM	22.66	22.68	22.66	18.33	0.0681
10	1	25		22.82	22.83	22.79		
10	1	49		22.76	22.69	22.65		
10	25	0		21.49	21.47	21.46		
10	25	12		21.60	21.55	21.51		
10	25	25		21.58	21.50	21.47		
10	50	0		21.55	21.48	21.48		
10	1	0	64-QAM	21.62	21.61	21.62	17.26	0.0532
10	1	25		21.76	21.76	21.75		
10	1	49		21.64	21.61	21.58		
10	25	0		20.46	20.46	20.47		
10	25	12		20.61	20.53	20.50		
10	25	25		20.59	20.49	20.45		
10	50	0		20.55	20.48	20.45		
10	1	0	256-QAM	18.06	18.08	17.95	13.90	0.0245
10	1	25		18.16	18.16	18.14		
10	1	49		18.20	18.09	17.94		
10	25	0		18.18	18.40	18.38		
10	25	12		18.19	18.06	18.19		
10	25	25		18.10	18.16	18.10		
10	50	0		18.09	18.13	17.96		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.35 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.93	23.07	22.94	18.60	0.0724
5	1	12		23.04	23.10	23.04		
5	1	24		23.02	22.98	22.91		
5	12	0		22.29	22.29	22.35		
5	12	7		22.49	22.34	22.42		
5	12	13		22.44	22.32	22.28		
5	25	0		22.40	22.35	22.34		
5	1	0	16-QAM	22.49	22.49	22.52	18.18	0.0658
5	1	12		22.66	22.66	22.68		
5	1	24		22.64	22.51	22.49		
5	12	0		21.33	21.33	21.32		
5	12	7		21.45	21.44	21.35		
5	12	13		21.38	21.31	21.32		
5	25	0		21.43	21.35	21.34		
5	1	0	64-QAM	21.45	21.43	21.45	17.14	0.0518
5	1	12		21.61	21.57	21.64		
5	1	24		21.45	21.42	21.41		
5	12	0		20.26	20.29	20.27		
5	12	7		20.50	20.33	20.32		
5	12	13		20.46	20.36	20.35		
5	25	0		20.45	20.33	20.31		
5	1	0	256-QAM	17.87	17.94	17.82	13.72	0.0236
5	1	12		18.00	17.97	17.95		
5	1	24		18.08	17.89	17.82		
5	12	0		18.08	18.22	18.20		
5	12	7		18.01	17.92	18.09		
5	12	13		17.97	17.99	17.93		
5	25	0		17.97	17.94	17.81		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.20	23.06	23.02	18.74	0.0748
15	1	37		23.10	23.06	23.19		
15	1	74		23.08	22.70	23.01		
15	36	0		22.35	22.12	22.48		
15	36	20		22.41	22.26	22.50		
15	36	39		22.48	22.47	22.54		
15	75	0		22.43	22.51	22.51		
15	1	0	16-QAM	22.62	22.89	22.69	18.43	0.0697
15	1	37		22.61	22.56	22.77		
15	1	74		22.70	22.53	22.59		
15	36	0		21.35	21.52	21.48		
15	36	20		21.42	21.42	21.50		
15	36	39		21.47	21.18	21.56		
15	75	0		21.44	21.41	21.51		
15	1	0	64-QAM	21.52	21.74	21.57	17.28	0.0535
15	1	37		21.67	21.56	21.71		
15	1	74		21.61	21.59	21.58		
15	36	0		20.34	20.39	20.49		
15	36	20		20.42	20.28	20.51		
15	36	39		20.50	20.25	20.55		
15	75	0		20.42	20.32	20.55		
15	1	0	256-QAM	18.06	18.12	18.01	13.83	0.0242
15	1	37		18.04	18.29	18.27		
15	1	74		18.12	17.74	18.03		
15	36	0		18.15	18.22	18.16		
15	36	20		18.09	17.87	18.17		
15	36	39		18.08	18.16	17.97		
15	75	0		18.17	18.24	17.98		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.88	23.16	22.86	18.70	0.0741
10	1	25		22.84	22.96	23.02		
10	1	49		22.76	22.82	22.81		
10	25	0		22.21	22.26	22.33		
10	25	12		22.14	22.18	22.36		
10	25	25		22.21	22.36	22.40		
10	50	0		22.15	22.31	22.40		
10	1	0	16-QAM	22.60	22.50	22.51	18.18	0.0658
10	1	25		22.40	22.52	22.64		
10	1	49		22.43	22.49	22.46		
10	25	0		21.17	21.28	21.34		
10	25	12		21.14	21.29	21.39		
10	25	25		21.21	21.35	21.39		
10	50	0		21.20	21.30	21.38		
10	1	0	64-QAM	21.39	21.33	21.43	17.09	0.0512
10	1	25		21.32	21.47	21.55		
10	1	49		21.46	21.53	21.41		
10	25	0		20.16	20.21	20.30		
10	25	12		20.20	20.17	20.40		
10	25	25		20.21	20.41	20.45		
10	50	0		20.31	20.28	20.39		
10	1	0	256-QAM	18.11	17.89	17.86	13.74	0.0237
10	1	25		18.20	17.91	18.16		
10	1	49		17.79	17.92	17.83		
10	25	0		17.95	18.03	17.98		
10	25	12		17.85	18.00	17.97		
10	25	25		17.90	17.91	17.85		
10	50	0		17.99	18.04	17.78		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.82	22.95	22.87	18.63	0.0729
5	1	12		22.94	22.90	23.09		
5	1	24		22.70	22.95	22.87		
5	12	0		22.02	22.24	22.35		
5	12	7		22.16	22.31	22.33		
5	12	13		22.16	22.22	22.35		
5	25	0		22.25	22.20	22.33		
5	1	0	16-QAM	22.53	22.44	22.53	18.15	0.0653
5	1	12		22.61	22.57	22.60		
5	1	24		22.47	22.58	22.47		
5	12	0		21.26	21.25	21.28		
5	12	7		21.32	21.25	21.30		
5	12	13		21.21	21.37	21.39		
5	25	0		21.32	21.25	21.35		
5	1	0	64-QAM	21.37	21.33	21.43	17.07	0.0509
5	1	12		21.28	21.49	21.53		
5	1	24		21.33	21.40	21.43		
5	12	0		20.22	20.28	20.35		
5	12	7		20.21	20.33	20.32		
5	12	13		20.33	20.35	20.39		
5	25	0		20.23	20.16	20.44		
5	1	0	256-QAM	17.92	17.87	17.85	13.64	0.0231
5	1	12		18.02	17.87	18.10		
5	1	24		17.83	18.03	17.85		
5	12	0		17.96	17.89	17.98		
5	12	7		17.89	18.00	18.07		
5	12	13		17.80	17.88	17.80		
5	25	0		18.05	18.02	17.82		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.95	23.09	22.87	18.63	0.0729
3	1	8		22.81	22.88	22.99		
3	1	14		22.68	22.90	22.84		
3	8	0		22.05	22.32	22.34		
3	8	4		22.34	22.22	22.37		
3	8	7		22.27	22.26	22.38		
3	15	0		22.32	22.25	22.41		
3	1	0	16-QAM	22.63	22.38	22.52	18.17	0.0656
3	1	8		22.45	22.54	22.63		
3	1	14		22.57	22.40	22.46		
3	8	0		21.17	21.17	21.38		
3	8	4		21.09	21.32	21.31		
3	8	7		21.18	21.33	21.36		
3	15	0		21.22	21.18	21.32		
3	1	0	64-QAM	21.38	21.32	21.43	17.14	0.0518
3	1	8		21.36	21.60	21.57		
3	1	14		21.26	21.54	21.46		
3	8	0		20.21	20.21	20.34		
3	8	4		20.14	20.20	20.37		
3	8	7		20.12	20.40	20.43		
3	15	0		20.32	20.34	20.39		
3	1	0	256-QAM	17.90	17.84	17.91	13.72	0.0236
3	1	8		18.18	17.87	18.10		
3	1	14		17.74	17.98	17.86		
3	8	0		17.96	18.06	17.98		
3	8	4		17.93	17.81	17.99		
3	8	7		17.81	17.81	17.78		
3	15	0		18.04	18.02	17.86		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.97	23.00	22.89	18.62	0.0728
1.4	1	3		22.93	23.04	23.08		
1.4	1	5		22.69	22.90	22.87		
1.4	3	0		22.90	22.84	22.98		
1.4	3	1		22.79	22.91	22.90		
1.4	3	3		22.72	22.91	22.97		
1.4	6	0		22.16	22.16	22.37		
1.4	1	0	16-QAM	22.47	22.55	22.52	18.12	0.0649
1.4	1	3		22.52	22.53	22.58		
1.4	1	5		22.39	22.52	22.42		
1.4	3	0		22.42	22.37	22.52		
1.4	3	1		22.35	22.44	22.51		
1.4	3	3		22.42	22.47	22.56		
1.4	6	0		21.30	21.37	21.39		
1.4	1	0	64-QAM	21.39	21.35	21.37	17.17	0.0521
1.4	1	3		21.20	21.53	21.60		
1.4	1	5		21.44	21.51	21.42		
1.4	3	0		21.39	21.49	21.53		
1.4	3	1		21.33	21.55	21.60		
1.4	3	3		21.45	21.53	21.63		
1.4	6	0		20.16	20.22	20.36		
1.4	1	0	256-QAM	17.87	17.95	17.84	13.70	0.0234
1.4	1	3		18.05	17.86	18.16		
1.4	1	5		17.77	17.96	17.90		
1.4	3	0		17.97	18.08	18.01		
1.4	3	1		17.77	17.86	18.02		
1.4	3	3		17.91	17.85	17.84		
1.4	6	0		18.07	17.99	17.83		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.02	23.06	22.96	21.46	0.1400
20	1	49		23.01	23.04	22.97		
20	1	99		23.03	23.01	22.91		
20	50	0		22.02	22.06	22.03		
20	50	24		22.15	22.07	22.03		
20	50	50		22.15	22.16	22.00		
20	100	0		22.13	22.05	22.01		
20	1	0	16-QAM	22.03	22.02	21.98	20.49	0.1119
20	1	49		22.09	22.08	21.98		
20	1	99		22.06	21.95	21.91		
20	50	0		21.03	21.03	21.01		
20	50	24		21.13	21.06	21.03		
20	50	50		21.16	21.14	21.03		
20	100	0		21.13	21.05	21.02		
20	1	0	64-QAM	22.03	21.01	20.97	20.49	0.1119
20	1	49		22.09	21.07	20.98		
20	1	99		22.02	21.03	20.88		
20	50	0		21.04	20.05	20.03		
20	50	24		21.13	20.06	20.03		
20	50	50		21.15	20.15	20.03		
20	100	0		21.12	20.06	20.06		
20	1	0	256-QAM	18.14	18.37	18.26	16.78	0.0476
20	1	49		18.25	18.30	18.05		
20	1	99		18.18	18.35	18.12		
20	50	0		18.08	18.38	18.32		
20	50	24		18.14	18.36	18.25		
20	50	50		18.31	18.33	18.18		
20	100	0		18.35	18.37	18.28		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.97	22.94	22.83	21.40	0.1380
15	1	37		22.86	23.00	22.93		
15	1	74		22.98	22.93	22.89		
15	36	0		21.92	21.96	22.00		
15	36	20		22.11	21.93	21.96		
15	36	39		22.06	22.04	21.90		
15	75	0		22.07	22.03	21.86		
15	1	0	16-QAM	21.96	21.90	21.91	20.42	0.1102
15	1	37		21.99	22.02	21.97		
15	1	74		21.99	21.81	21.86		
15	36	0		20.89	20.97	20.93		
15	36	20		21.02	21.00	20.95		
15	36	39		21.12	21.09	20.91		
15	75	0		21.05	21.03	20.94		
15	1	0	64-QAM	21.92	20.90	20.94	20.40	0.1096
15	1	37		22.00	20.93	20.93		
15	1	74		21.97	20.89	20.74		
15	36	0		21.03	19.94	19.99		
15	36	20		21.06	20.05	19.93		
15	36	39		21.11	20.03	19.98		
15	75	0		21.03	19.97	20.02		
15	1	0	256-QAM	18.07	18.28	18.20	16.72	0.0470
15	1	37		18.18	18.24	17.98		
15	1	74		18.10	18.24	18.04		
15	36	0		18.02	18.23	18.30		
15	36	20		18.10	18.32	18.20		
15	36	39		18.17	18.28	18.14		
15	75	0		18.28	18.25	18.26		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.01	23.04	22.86	21.44	0.1393
10	1	25		22.87	22.98	22.90		
10	1	49		22.93	22.95	22.81		
10	25	0		21.95	21.98	21.97		
10	25	12		22.00	22.01	21.95		
10	25	25		22.01	22.03	21.90		
10	50	0		22.07	22.04	21.93		
10	1	0	16-QAM	21.91	21.89	21.96	20.41	0.1099
10	1	25		22.01	21.93	21.90		
10	1	49		21.94	21.83	21.76		
10	25	0		20.95	20.98	20.92		
10	25	12		21.04	21.04	20.94		
10	25	25		21.06	21.03	20.96		
10	50	0		21.10	20.91	21.00		
10	1	0	64-QAM	21.89	20.95	20.82	20.41	0.1099
10	1	25		21.96	21.03	20.90		
10	1	49		22.01	20.94	20.73		
10	25	0		21.01	20.04	19.96		
10	25	12		21.04	20.01	20.01		
10	25	25		21.13	20.07	19.99		
10	50	0		20.98	19.96	19.97		
10	1	0	256-QAM	18.11	18.31	18.13	16.74	0.0472
10	1	25		18.22	18.24	18.03		
10	1	49		18.08	18.27	18.10		
10	25	0		18.07	18.25	18.21		
10	25	12		18.07	18.34	18.14		
10	25	25		18.16	18.26	18.03		
10	50	0		18.27	18.27	18.23		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.95	22.92	22.83	21.40	0.1380
5	1	12		23.00	22.98	22.88		
5	1	24		22.96	22.99	22.90		
5	12	0		21.97	22.02	22.02		
5	12	7		22.09	21.98	21.96		
5	12	13		22.06	22.01	21.95		
5	25	0		22.07	22.02	21.89		
5	1	0	16-QAM	21.88	21.94	21.93	20.47	0.1114
5	1	12		22.07	21.97	21.95		
5	1	24		21.93	21.89	21.79		
5	12	0		20.97	20.98	20.90		
5	12	7		21.02	21.04	20.93		
5	12	13		21.04	21.02	20.92		
5	25	0		20.98	20.99	20.89		
5	1	0	64-QAM	21.93	20.95	20.85	20.45	0.1109
5	1	12		22.05	21.04	20.93		
5	1	24		21.95	20.90	20.75		
5	12	0		21.02	19.98	19.99		
5	12	7		20.98	19.96	19.89		
5	12	13		21.09	20.09	19.91		
5	25	0		20.99	19.99	20.03		
5	1	0	256-QAM	18.11	18.23	18.21	16.77	0.0475
5	1	12		18.10	18.24	18.03		
5	1	24		18.06	18.28	18.02		
5	12	0		18.07	18.37	18.21		
5	12	7		18.04	18.34	18.19		
5	12	13		18.20	18.22	18.06		
5	25	0		18.28	18.24	18.14		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.92	23.15	22.89	21.55	0.1429
20	1	49		22.97	23.10	22.88		
20	1	99		22.95	23.06	22.87		
20	50	0		21.91	22.02	21.84		
20	50	24		21.99	22.06	21.93		
20	50	50		21.96	22.13	21.95		
20	100	0		21.98	22.03	21.94		
20	1	0	16-QAM	21.96	22.13	21.90	20.62	0.1153
20	1	49		21.99	22.18	21.88		
20	1	99		21.92	22.22	21.94		
20	50	0		20.92	21.04	20.85		
20	50	24		21.02	21.09	20.95		
20	50	50		21.02	21.15	20.95		
20	100	0		21.04	21.06	20.95		
20	1	0	64-QAM	20.92	21.12	20.78	19.58	0.0908
20	1	49		20.98	21.11	20.88		
20	1	99		20.92	21.18	20.92		
20	50	0		19.93	20.05	19.86		
20	50	24		20.02	20.10	19.96		
20	50	50		20.02	20.16	19.94		
20	100	0		20.02	20.08	19.94		
20	1	0	256-QAM	18.14	18.33	18.06	16.75	0.0473
20	1	49		18.23	18.25	18.02		
20	1	99		18.12	18.27	17.98		
20	50	0		18.15	18.34	18.11		
20	50	24		18.02	18.29	18.08		
20	50	50		18.11	18.35	18.34		
20	100	0		18.09	18.30	18.17		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.82	22.99	22.69	21.39	0.1377
15	1	37		22.78	22.91	22.77		
15	1	74		22.75	22.92	22.75		
15	36	0		21.75	21.83	21.69		
15	36	20		21.89	21.94	21.74		
15	36	39		21.78	21.94	21.84		
15	75	0		21.85	21.83	21.82		
15	1	0	16-QAM	21.77	21.98	21.70	20.46	0.1112
15	1	37		21.85	21.98	21.77		
15	1	74		21.79	22.06	21.74		
15	36	0		20.74	20.86	20.72		
15	36	20		20.83	20.93	20.77		
15	36	39		20.89	21.03	20.80		
15	75	0		20.89	20.90	20.79		
15	1	0	64-QAM	20.76	20.98	20.67	19.44	0.0879
15	1	37		20.80	20.96	20.72		
15	1	74		20.77	21.04	20.76		
15	36	0		19.83	19.91	19.69		
15	36	20		19.88	19.97	19.81		
15	36	39		19.86	20.01	19.82		
15	75	0		19.92	19.95	19.81		
15	1	0	256-QAM	17.96	18.22	17.90	16.64	0.0461
15	1	37		18.13	18.05	17.87		
15	1	74		18.02	18.07	17.82		
15	36	0		18.05	18.21	17.97		
15	36	20		17.85	18.17	17.89		
15	36	39		17.98	18.24	18.18		
15	75	0		17.94	18.18	18.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.75	23.00	22.72	21.40	0.1380
10	1	25		22.81	23.00	22.70		
10	1	49		22.83	22.89	22.76		
10	25	0		21.78	21.88	21.71		
10	25	12		21.85	21.91	21.82		
10	25	25		21.76	22.00	21.78		
10	50	0		21.80	21.85	21.83		
10	1	0	16-QAM	21.80	21.99	21.76	20.51	0.1125
10	1	25		21.87	21.98	21.70		
10	1	49		21.73	22.11	21.78		
10	25	0		20.80	20.89	20.72		
10	25	12		20.91	20.96	20.77		
10	25	25		20.84	21.05	20.82		
10	50	0		20.90	20.92	20.76		
10	1	0	64-QAM	20.72	20.98	20.58	19.43	0.0877
10	1	25		20.87	20.95	20.70		
10	1	49		20.82	21.03	20.79		
10	25	0		19.76	19.89	19.68		
10	25	12		19.85	19.99	19.86		
10	25	25		19.92	19.96	19.79		
10	50	0		19.84	19.94	19.81		
10	1	0	256-QAM	18.00	18.18	17.89	16.61	0.0458
10	1	25		18.12	18.12	17.84		
10	1	49		17.95	18.16	17.87		
10	25	0		17.97	18.21	17.92		
10	25	12		17.87	18.18	17.90		
10	25	25		18.00	18.16	18.17		
10	50	0		17.93	18.14	18.04		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.76	23.00	22.77	21.40	0.1380
5	1	12		22.78	22.93	22.70		
5	1	24		22.79	22.86	22.69		
5	12	0		21.74	21.89	21.73		
5	12	7		21.83	21.88	21.77		
5	12	13		21.80	22.02	21.81		
5	25	0		21.83	21.91	21.78		
5	1	0	16-QAM	21.77	21.99	21.71	20.47	0.1114
5	1	12		21.79	22.07	21.75		
5	1	24		21.75	22.03	21.76		
5	12	0		20.72	20.86	20.68		
5	12	7		20.84	20.90	20.75		
5	12	13		20.83	21.04	20.77		
5	25	0		20.89	20.90	20.76		
5	1	0	64-QAM	20.75	20.95	20.67	19.43	0.0877
5	1	12		20.83	21.01	20.74		
5	1	24		20.75	21.03	20.72		
5	12	0		19.81	19.91	19.68		
5	12	7		19.87	19.90	19.76		
5	12	13		19.89	20.00	19.84		
5	25	0		19.92	19.96	19.75		
5	1	0	256-QAM	17.98	18.21	17.91	16.61	0.0458
5	1	12		18.13	18.06	17.88		
5	1	24		17.92	18.09	17.82		
5	12	0		18.02	18.20	17.98		
5	12	7		17.85	18.12	17.91		
5	12	13		17.95	18.15	18.15		
5	25	0		17.97	18.15	18.02		
Limit	EIRP < 2W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	23.12	-	22.62	0.1828
10	1	25			23.11			
10	1	49			22.99			
10	25	0			22.05			
10	25	12			22.04			
10	25	25			22.00			
10	50	0			22.01			
10	1	0	16-QAM		21.90		21.40	0.1380
10	1	25			21.85			
10	1	49			21.50			
10	25	0			21.05			
10	25	12			21.07			
10	25	25			21.00			
10	50	0			21.08			
10	1	0	64-QAM		20.70		20.57	0.1140
10	1	25			20.50			
10	1	49			20.51			
10	25	0			21.04			
10	25	12			21.07			
10	25	25			19.56			
10	50	0			21.04			
10	1	0	256-QAM		18.25		17.91	0.0618
10	1	25			18.34			
10	1	49			18.22			
10	25	0			18.41			
10	25	12			18.28			
10	25	25			18.21			
10	50	0			18.26			
Limit	EIRP < 250mW/5MHz			Result			Pass	

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

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.96	23.00	22.97	22.50	0.1778
5	1	12		22.95	22.92	22.99		
5	1	24		22.88	22.81	22.83		
5	12	0		21.85	21.87	21.87		
5	12	7		21.87	21.89	21.87		
5	12	13		21.82	21.88	21.85		
5	25	0		21.84	21.89	21.83		
5	1	0	16-QAM	21.79	21.75	21.71	21.29	0.1346
5	1	12		21.68	21.67	21.69		
5	1	24		21.66	21.65	21.61		
5	12	0		20.90	20.92	20.88		
5	12	7		20.96	20.88	20.88		
5	12	13		20.85	20.82	20.86		
5	25	0		20.91	20.94	20.94		
5	1	0	64-QAM	20.51	20.56	20.50	20.46	0.1112
5	1	12		20.64	20.62	20.68		
5	1	24		20.65	20.63	20.68		
5	12	0		20.90	20.87	20.92		
5	12	7		20.96	20.95	20.89		
5	12	13		19.75	19.75	19.70		
5	25	0		20.84	20.91	20.91		
5	1	0	256-QAM	18.15	18.06	18.15	17.79	0.0601
5	1	12		18.21	18.15	18.14		
5	1	24		18.02	18.08	18.10		
5	12	0		18.22	18.21	18.29		
5	12	7		18.10	18.15	18.14		
5	12	13		18.04	18.07	18.11		
5	25	0		18.06	18.09	18.12		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.20	23.21	23.12	24.52	0.2831
20	1	49		23.12	23.14	23.08		
20	1	99		23.14	23.09	22.94		
20	50	0		22.28	22.32	22.26		
20	50	24		22.35	22.29	22.25		
20	50	50		22.34	22.31	22.25		
20	100	0		22.33	22.26	22.20		
20	1	0	16-QAM	22.64	22.47	22.59	23.95	0.2483
20	1	49		22.54	22.52	22.56		
20	1	99		22.56	22.56	21.87		
20	50	0		21.31	21.33	21.26		
20	50	24		21.36	21.29	21.25		
20	50	50		21.34	21.29	21.26		
20	100	0		21.36	21.25	21.23		
20	1	0	64-QAM	21.52	21.58	21.44	22.89	0.1945
20	1	49		21.42	21.46	21.48		
20	1	99		21.46	21.36	21.30		
20	50	0		20.32	20.32	20.24		
20	50	24		20.35	20.27	20.23		
20	50	50		20.35	19.73	20.23		
20	100	0		20.36	20.25	20.20		
20	1	0	256-QAM	18.14	18.38	18.08	20.03	0.1007
20	1	49		18.23	18.36	18.15		
20	1	99		18.56	18.72	18.58		
20	50	0		18.03	18.30	18.09		
20	50	24		18.39	18.42	18.39		
20	50	50		18.33	18.46	18.38		
20	100	0		18.32	18.44	18.27		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.13	23.17	23.07	24.48	0.2805
15	1	37		23.05	23.10	23.00		
15	1	74		23.08	23.04	22.89		
15	36	0		22.21	22.31	22.25		
15	36	20		22.31	22.24	22.24		
15	36	39		22.32	22.23	22.24		
15	75	0		22.32	22.21	22.11		
15	1	0	16-QAM	22.55	22.45	22.55	23.86	0.2432
15	1	37		22.47	22.45	22.53		
15	1	74		22.52	22.50	21.86		
15	36	0		21.22	21.26	21.18		
15	36	20		21.33	21.27	21.20		
15	36	39		21.31	21.25	21.22		
15	75	0		21.34	21.18	21.21		
15	1	0	64-QAM	21.51	21.56	21.42	22.87	0.1936
15	1	37		21.33	21.44	21.45		
15	1	74		21.44	21.33	21.21		
15	36	0		20.31	20.26	20.17		
15	36	20		20.26	20.24	20.14		
15	36	39		20.27	19.66	20.17		
15	75	0		20.27	20.18	20.14		
15	1	0	256-QAM	18.08	18.30	18.02	19.97	0.0993
15	1	37		18.17	18.35	18.10		
15	1	74		18.51	18.66	18.51		
15	36	0		17.98	18.23	18.04		
15	36	20		18.30	18.41	18.34		
15	36	39		18.29	18.39	18.30		
15	75	0		18.28	18.43	18.25		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.18	23.15	23.11	24.49	0.2812
10	1	25		23.04	23.06	23.03		
10	1	49		23.07	23.07	22.85		
10	25	0		22.27	22.30	22.23		
10	25	12		22.27	22.21	22.17		
10	25	25		22.28	22.25	22.22		
10	50	0		22.28	22.23	22.15		
10	1	0	16-QAM	22.57	22.43	22.53	23.88	0.2443
10	1	25		22.45	22.51	22.49		
10	1	49		22.48	22.50	21.84		
10	25	0		21.27	21.26	21.22		
10	25	12		21.34	21.27	21.16		
10	25	25		21.26	21.20	21.20		
10	50	0		21.35	21.19	21.22		
10	1	0	64-QAM	21.45	21.54	21.35	22.85	0.1928
10	1	25		21.36	21.37	21.40		
10	1	49		21.43	21.35	21.24		
10	25	0		20.23	20.30	20.15		
10	25	12		20.30	20.23	20.16		
10	25	25		20.33	19.70	20.21		
10	50	0		20.31	20.21	20.18		
10	1	0	256-QAM	18.12	18.32	18.03	19.98	0.0995
10	1	25		18.22	18.29	18.08		
10	1	49		18.52	18.67	18.57		
10	25	0		17.96	18.29	18.00		
10	25	12		18.32	18.34	18.31		
10	25	25		18.32	18.38	18.32		
10	50	0		18.31	18.35	18.24		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.13	23.20	23.11	24.51	0.2825
5	1	12		23.08	23.08	23.02		
5	1	24		23.13	23.03	22.85		
5	12	0		22.20	22.27	22.22		
5	12	7		22.32	22.23	22.16		
5	12	13		22.27	22.27	22.22		
5	25	0		22.30	22.18	22.18		
5	1	0	16-QAM	22.58	22.38	22.50	23.89	0.2449
5	1	12		22.46	22.48	22.48		
5	1	24		22.55	22.55	21.78		
5	12	0		21.28	21.26	21.17		
5	12	7		21.32	21.20	21.22		
5	12	13		21.29	21.26	21.22		
5	25	0		21.31	21.22	21.15		
5	1	0	64-QAM	21.46	21.55	21.38	22.86	0.1932
5	1	12		21.37	21.45	21.41		
5	1	24		21.44	21.33	21.29		
5	12	0		20.24	20.23	20.15		
5	12	7		20.26	20.18	20.22		
5	12	13		20.33	19.68	20.21		
5	25	0		20.34	20.23	20.16		
5	1	0	256-QAM	18.06	18.32	18.06	19.95	0.0989
5	1	12		18.22	18.29	18.11		
5	1	24		18.49	18.64	18.52		
5	12	0		18.00	18.25	18.07		
5	12	7		18.31	18.38	18.33		
5	12	13		18.29	18.37	18.35		
5	25	0		18.25	18.35	18.23		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.17	23.14	23.09	24.48	0.2805
3	1	8		23.10	23.13	23.03		
3	1	14		23.12	23.04	22.85		
3	8	0		22.27	22.26	22.20		
3	8	4		22.28	22.24	22.23		
3	8	7		22.33	22.24	22.18		
3	15	0		22.25	22.22	22.12		
3	1	0	16-QAM	22.63	22.46	22.51	23.94	0.2477
3	1	8		22.45	22.44	22.48		
3	1	14		22.49	22.48	21.83		
3	8	0		21.26	21.32	21.21		
3	8	4		21.28	21.28	21.20		
3	8	7		21.32	21.27	21.22		
3	15	0		21.32	21.23	21.19		
3	1	0	64-QAM	21.45	21.50	21.38	22.81	0.1910
3	1	8		21.40	21.44	21.47		
3	1	14		21.41	21.33	21.21		
3	8	0		20.23	20.25	20.16		
3	8	4		20.31	20.24	20.20		
3	8	7		20.26	19.72	20.19		
3	15	0		20.32	20.17	20.17		
3	1	0	256-QAM	18.12	18.32	18.07	19.98	0.0995
3	1	8		18.14	18.32	18.12		
3	1	14		18.54	18.67	18.57		
3	8	0		17.96	18.22	18.07		
3	8	4		18.37	18.37	18.36		
3	8	7		18.31	18.40	18.33		
3	15	0		18.23	18.37	18.18		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.19	23.20	23.07	24.51	0.2825
1.4	1	3		23.06	23.08	23.07		
1.4	1	5		23.12	23.08	22.89		
1.4	3	0		22.79	22.90	22.80		
1.4	3	1		22.86	22.80	22.83		
1.4	3	3		22.93	22.90	22.76		
1.4	6	0		22.26	22.18	22.16		
1.4	1	0	16-QAM	22.55	22.42	22.52	23.86	0.2432
1.4	1	3		22.46	22.50	22.54		
1.4	1	5		22.50	22.54	21.79		
1.4	3	0		22.45	22.45	22.45		
1.4	3	1		22.47	22.46	22.44		
1.4	3	3		22.53	22.44	22.44		
1.4	6	0		21.34	21.17	21.19		
1.4	1	0	64-QAM	21.51	21.53	21.35	22.84	0.1923
1.4	1	3		21.33	21.37	21.45		
1.4	1	5		21.38	21.32	21.29		
1.4	3	0		21.43	21.45	21.43		
1.4	3	1		21.53	21.42	21.40		
1.4	3	3		21.49	20.87	21.41		
1.4	6	0		20.27	20.17	20.12		
1.4	1	0	256-QAM	18.07	18.34	18.05	19.96	0.0991
1.4	1	3		18.18	18.27	18.10		
1.4	1	5		18.50	18.65	18.49		
1.4	3	0		18.02	18.21	18.08		
1.4	3	1		18.37	18.40	18.36		
1.4	3	3		18.29	18.39	18.35		
1.4	6	0		18.30	18.38	18.24		
Limit	EIRP < 1W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.18	-	18.72	0.0745
10	1	25			23.15			
10	1	49			23.12			
10	25	0			22.23			
10	25	12			22.26			
10	25	25			22.31			
10	50	0			22.25			
10	1	0	16-QAM		22.54		18.09	0.0644
10	1	25			22.55			
10	1	49			22.49			
10	25	0			21.24			
10	25	12			21.28			
10	25	25			21.31			
10	50	0			21.24			
10	1	0	64-QAM		21.46		17.08	0.0511
10	1	25			21.54			
10	1	49			21.42			
10	25	0			20.23			
10	25	12			20.26			
10	25	25			20.31			
10	50	0			20.23			
10	1	0	256-QAM		18.17		13.78	0.0239
10	1	25			18.22			
10	1	49			18.01			
10	25	0			18.12			
10	25	12			18.22			
10	25	25			18.10			
10	50	0			18.24			
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.98	23.00	23.08	18.62	0.0728
5	1	12		22.98	23.05	22.96		
5	1	24		23.02	22.99	22.95		
5	12	0		22.11	22.08	22.04		
5	12	7		22.07	22.10	22.08		
5	12	13		22.14	22.12	22.12		
5	25	0		22.10	22.10	22.06		
5	1	0	16-QAM	22.42	22.35	22.39	17.96	0.0625
5	1	12		22.38	22.38	22.40		
5	1	24		22.38	22.35	22.35		
5	12	0		21.14	21.08	21.07		
5	12	7		21.16	21.11	21.17		
5	12	13		21.21	21.15	21.21		
5	25	0		21.12	21.13	21.13		
5	1	0	64-QAM	21.26	21.36	21.36	16.97	0.0498
5	1	12		21.35	21.35	21.43		
5	1	24		21.30	21.25	21.29		
5	12	0		20.13	20.03	20.12		
5	12	7		20.08	20.08	20.12		
5	12	13		20.19	20.14	20.12		
5	25	0		20.09	20.06	20.05		
5	1	0	256-QAM	18.03	17.99	18.07	13.64	0.0231
5	1	12		18.09	18.03	18.03		
5	1	24		17.87	17.81	17.84		
5	12	0		18.01	17.98	17.93		
5	12	7		18.06	18.07	18.10		
5	12	13		17.95	17.98	17.94		
5	25	0		18.05	18.08	18.10		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.02	-	-	18.56	0.0718
15	1	37		22.99	-	-		
15	1	74		22.90	-	-		
15	36	0		22.30	-	-		
15	36	20		22.37	-	-		
15	36	39		22.33	-	-		
15	75	0		22.38	-	-		
15	1	0	16-QAM	22.70	-	-	18.24	0.0667
15	1	37		22.64	-	-		
15	1	74		22.61	-	-		
15	36	0		21.33	-	-		
15	36	20		21.35	-	-		
15	36	39		21.37	-	-		
15	75	0		21.38	-	-		
15	1	0	64-QAM	21.58	-	-	17.12	0.0515
15	1	37		21.49	-	-		
15	1	74		21.55	-	-		
15	36	0		20.33	-	-		
15	36	20		20.37	-	-		
15	36	39		20.37	-	-		
15	75	0		20.38	-	-		
15	1	0	256-QAM	18.12	-	-	13.83	0.0242
15	1	37		18.29	-	-		
15	1	74		17.92	-	-		
15	36	0		18.14	-	-		
15	36	20		18.01	-	-		
15	36	39		18.03	-	-		
15	75	0		18.19	-	-		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.07	-	18.61	0.0726
10	1	25		-	22.97	-		
10	1	49		-	22.88	-		
10	25	0		-	22.25	-		
10	25	12		-	22.21	-		
10	25	25		-	22.32	-		
10	50	0		-	22.26	-		
10	1	0	16-QAM	-	22.48	-	18.10	0.0646
10	1	25		-	22.50	-		
10	1	49		-	22.56	-		
10	25	0		-	21.25	-		
10	25	12		-	21.31	-		
10	25	25		-	21.27	-		
10	50	0		-	21.29	-		
10	1	0	64-QAM	-	21.35	-	17.05	0.0507
10	1	25		-	21.47	-		
10	1	49		-	21.51	-		
10	25	0		-	20.15	-		
10	25	12		-	20.26	-		
10	25	25		-	20.39	-		
10	50	0		-	20.27	-		
10	1	0	256-QAM	-	17.89	-	13.56	0.0227
10	1	25		-	17.91	-		
10	1	49		-	17.94	-		
10	25	0		-	18.02	-		
10	25	12		-	17.90	-		
10	25	25		-	17.88	-		
10	50	0		-	18.02	-		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.85	22.89	22.89	18.43	0.0697
5	1	12		22.85	22.82	22.89		
5	1	24		22.80	22.74	22.78		
5	12	0		22.11	22.05	22.01		
5	12	7		22.24	22.22	22.29		
5	12	13		22.16	22.24	22.12		
5	25	0		22.18	22.26	22.25		
5	1	0	16-QAM	22.56	22.61	22.46	18.17	0.0656
5	1	12		22.53	22.63	22.48		
5	1	24		22.50	22.49	22.41		
5	12	0		21.22	21.14	21.13		
5	12	7		21.23	21.28	21.33		
5	12	13		21.21	21.16	21.25		
5	25	0		21.27	21.27	21.23		
5	1	0	64-QAM	21.38	21.42	21.29	16.96	0.0497
5	1	12		21.38	21.41	21.41		
5	1	24		21.37	21.29	21.34		
5	12	0		20.19	20.27	20.23		
5	12	7		20.26	20.26	20.22		
5	12	13		20.25	20.22	20.18		
5	25	0		20.26	20.30	20.16		
5	1	0	256-QAM	17.97	18.01	17.95	13.66	0.0232
5	1	12		18.12	18.10	18.04		
5	1	24		17.73	17.81	17.79		
5	12	0		17.98	17.94	17.98		
5	12	7		17.82	17.91	17.82		
5	12	13		17.86	17.85	17.96		
5	25	0		18.07	18.06	18.02		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.85	22.78	22.77	18.43	0.0697
3	1	8		22.89	22.80	22.87		
3	1	14		22.72	22.72	22.73		
3	8	0		22.12	22.12	22.19		
3	8	4		22.25	22.20	22.28		
3	8	7		22.21	22.27	22.16		
3	15	0		22.24	22.20	22.25		
3	1	0	16-QAM	22.53	22.57	22.56	18.11	0.0647
3	1	8		22.48	22.38	22.43		
3	1	14		22.47	22.53	22.44		
3	8	0		21.15	21.05	21.12		
3	8	4		21.16	21.20	21.22		
3	8	7		21.26	21.35	21.23		
3	15	0		21.28	21.28	21.21		
3	1	0	64-QAM	21.41	21.46	21.34	17.00	0.0501
3	1	8		21.33	21.37	21.26		
3	1	14		21.35	21.33	21.39		
3	8	0		20.22	20.24	20.13		
3	8	4		20.17	20.10	20.22		
3	8	7		20.18	20.13	20.21		
3	15	0		20.28	20.19	20.29		
3	1	0	256-QAM	18.00	17.99	18.07	13.73	0.0236
3	1	8		18.19	18.16	18.12		
3	1	14		17.76	17.84	17.77		
3	8	0		17.95	17.86	17.91		
3	8	4		17.89	17.81	17.88		
3	8	7		17.86	17.92	17.85		
3	15	0		18.08	18.06	18.03		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.90	22.83	22.90	18.44	0.0698
1.4	1	3		22.83	22.73	22.77		
1.4	1	5		22.70	22.72	22.79		
1.4	3	0		22.80	22.75	22.70		
1.4	3	1		22.77	22.73	22.78		
1.4	3	3		22.78	22.68	22.88		
1.4	6	0		22.20	22.23	22.10		
1.4	1	0	16-QAM	22.55	22.57	22.58	18.12	0.0649
1.4	1	3		22.48	22.52	22.42		
1.4	1	5		22.49	22.39	22.45		
1.4	3	0		22.36	22.30	22.32		
1.4	3	1		22.38	22.31	22.45		
1.4	3	3		22.40	22.46	22.32		
1.4	6	0		21.22	21.21	21.28		
1.4	1	0	64-QAM	21.41	21.46	21.45	17.02	0.0504
1.4	1	3		21.29	21.20	21.35		
1.4	1	5		21.37	21.35	21.36		
1.4	3	0		21.36	21.43	21.33		
1.4	3	1		21.40	21.42	21.39		
1.4	3	3		21.42	21.45	21.48		
1.4	6	0		20.25	20.17	20.16		
1.4	1	0	256-QAM	17.95	18.00	18.05	13.74	0.0237
1.4	1	3		18.11	18.20	18.12		
1.4	1	5		17.82	17.92	17.72		
1.4	3	0		17.96	17.91	17.89		
1.4	3	1		17.87	17.95	17.91		
1.4	3	3		17.83	17.89	17.77		
1.4	6	0		18.05	18.11	18.12		
Limit	Power < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.04	-	18.58	0.0721
15	1	37		-	22.99	-		
15	1	74		-	22.83	-		
15	36	0		-	22.37	-		
15	36	20		-	22.27	-		
15	36	39		-	22.30	-		
15	75	0		-	22.33	-		
15	1	0	16-QAM	-	22.74	-	18.28	0.0673
15	1	37		-	22.59	-		
15	1	74		-	22.70	-		
15	36	0		-	21.28	-		
15	36	20		-	21.29	-		
15	36	39		-	21.28	-		
15	75	0		-	21.45	-		
15	1	0	64-QAM	-	21.63	-	17.17	0.0521
15	1	37		-	21.47	-		
15	1	74		-	21.53	-		
15	36	0		-	20.43	-		
15	36	20		-	20.41	-		
15	36	39		-	20.30	-		
15	75	0		-	20.40	-		
15	1	0	256-QAM	-	18.10	-	13.76	0.0238
15	1	37		-	18.22	-		
15	1	74		-	17.93	-		
15	36	0		-	18.06	-		
15	36	20		-	18.03	-		
15	36	39		-	18.13	-		
15	75	0		-	18.12	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.93	-	18.47	0.0703
10	1	25		-	22.84	-		
10	1	49		-	22.68	-		
10	25	0		-	22.02	-		
10	25	12		-	22.22	-		
10	25	25		-	22.21	-		
10	50	0		-	22.11	-		
10	1	0	16-QAM	-	22.48	-	18.12	0.0649
10	1	25		-	22.58	-		
10	1	49		-	22.48	-		
10	25	0		-	21.23	-		
10	25	12		-	21.30	-		
10	25	25		-	21.35	-		
10	50	0		-	21.29	-		
10	1	0	64-QAM	-	21.42	-	16.97	0.0498
10	1	25		-	21.32	-		
10	1	49		-	21.43	-		
10	25	0		-	20.30	-		
10	25	12		-	20.16	-		
10	25	25		-	20.28	-		
10	50	0		-	20.29	-		
10	1	0	256-QAM	-	17.99	-	13.71	0.0235
10	1	25		-	18.09	-		
10	1	49		-	17.74	-		
10	25	0		-	17.90	-		
10	25	12		-	17.92	-		
10	25	25		-	17.85	-		
10	50	0		-	18.17	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	22.94	-	18.48	0.0705
5	1	12		-	22.88	-		
5	1	24		-	22.85	-		
5	12	0		-	22.02	-		
5	12	7		-	22.23	-		
5	12	13		-	22.11	-		
5	25	0		-	22.08	-		
5	1	0	16-QAM	-	22.57	-	18.12	0.0649
5	1	12		-	22.58	-		
5	1	24		-	22.48	-		
5	12	0		-	21.21	-		
5	12	7		-	21.21	-		
5	12	13		-	21.17	-		
5	25	0		-	21.35	-		
5	1	0	64-QAM	-	21.34	-	16.88	0.0488
5	1	12		-	21.31	-		
5	1	24		-	21.29	-		
5	12	0		-	20.10	-		
5	12	7		-	20.23	-		
5	12	13		-	20.26	-		
5	25	0		-	20.32	-		
5	1	0	256-QAM	-	17.88	-	13.63	0.0231
5	1	12		-	18.09	-		
5	1	24		-	17.76	-		
5	12	0		-	18.04	-		
5	12	7		-	17.85	-		
5	12	13		-	17.90	-		
5	25	0		-	18.02	-		
Limit	Reporting only			Result			N/A	

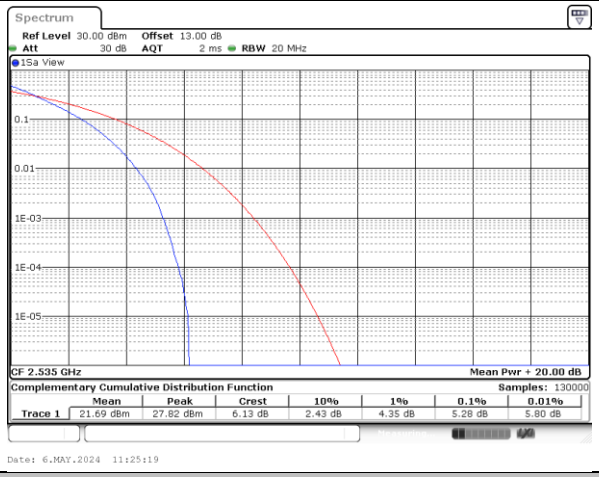
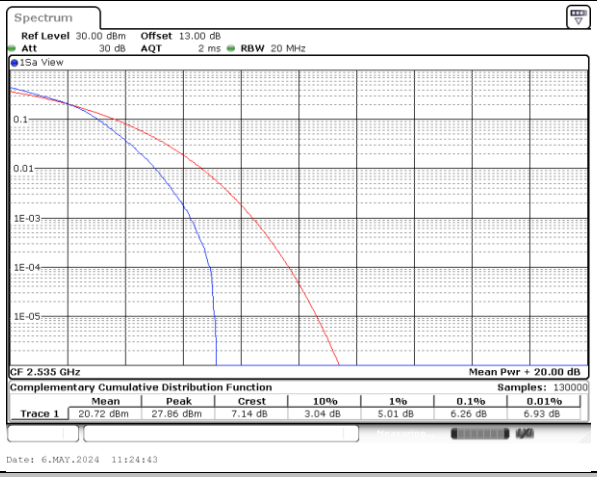
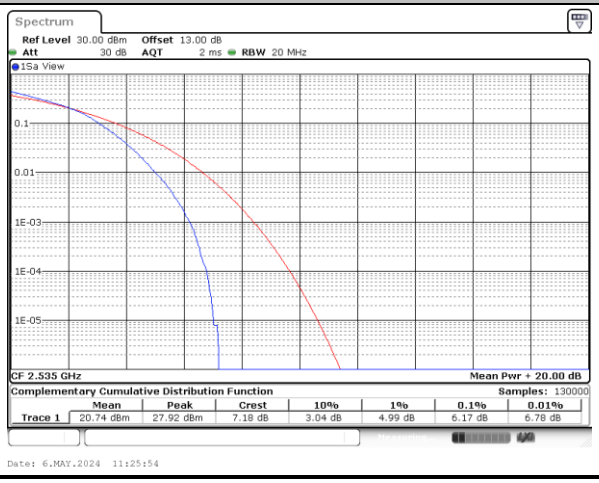
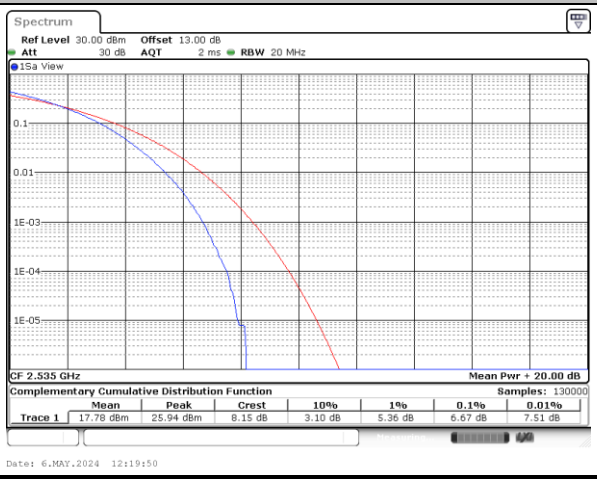
LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	22.82	-	18.37	0.0687
3	1	8		-	22.83	-		
3	1	14		-	22.69	-		
3	8	0		-	22.19	-		
3	8	4		-	22.19	-		
3	8	7		-	22.25	-		
3	15	0		-	22.16	-		
3	1	0	16-QAM	-	22.60	-	18.14	0.0652
3	1	8		-	22.57	-		
3	1	14		-	22.53	-		
3	8	0		-	21.10	-		
3	8	4		-	21.17	-		
3	8	7		-	21.28	-		
3	15	0		-	21.27	-		
3	1	0	64-QAM	-	21.33	-	16.88	0.0488
3	1	8		-	21.34	-		
3	1	14		-	21.27	-		
3	8	0		-	20.30	-		
3	8	4		-	20.27	-		
3	8	7		-	20.27	-		
3	15	0		-	20.31	-		
3	1	0	256-QAM	-	18.01	-	13.72	0.0236
3	1	8		-	18.18	-		
3	1	14		-	17.85	-		
3	8	0		-	17.96	-		
3	8	4		-	17.96	-		
3	8	7		-	17.88	-		
3	15	0		-	18.17	-		
Limit	Reporting only			Result			N/A	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	22.93	-	18.47	0.0703
1.4	1	3		-	22.78	-		
1.4	1	5		-	22.60	-		
1.4	3	0		-	22.80	-		
1.4	3	1		-	22.74	-		
1.4	3	3		-	22.79	-		
1.4	6	0		-	22.22	-		
1.4	1	0	16-QAM	-	22.49	-	18.07	0.0641
1.4	1	3		-	22.53	-		
1.4	1	5		-	22.50	-		
1.4	3	0		-	22.26	-		
1.4	3	1		-	22.42	-		
1.4	3	3		-	22.36	-		
1.4	6	0		-	21.32	-		
1.4	1	0	64-QAM	-	21.35	-	17.03	0.0505
1.4	1	3		-	21.35	-		
1.4	1	5		-	21.38	-		
1.4	3	0		-	21.26	-		
1.4	3	1		-	21.30	-		
1.4	3	3		-	21.49	-		
1.4	6	0		-	20.16	-		
1.4	1	0	256-QAM	-	17.96	-	13.64	0.0231
1.4	1	3		-	18.10	-		
1.4	1	5		-	17.86	-		
1.4	3	0		-	17.93	-		
1.4	3	1		-	17.82	-		
1.4	3	3		-	17.93	-		
1.4	6	0		-	18.04	-		
Limit	Reporting only			Result			N/A	

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	5.28	6.26	6.17	6.67	PASS

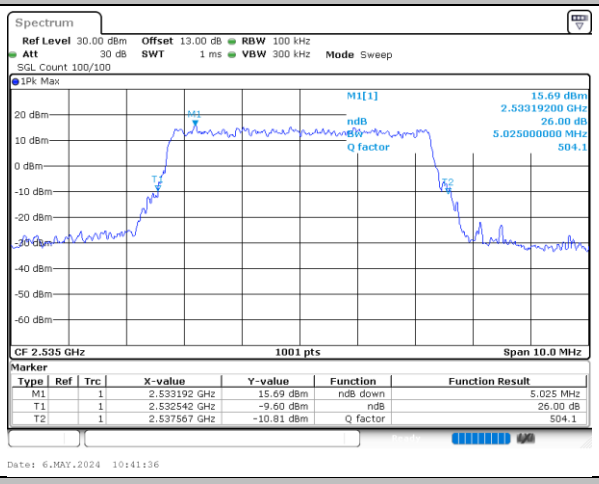
LTE Band 7 / 20MHz / QPSK	LTE Band 7 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 7 / 20MHz / 64QAM	LTE Band 7 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

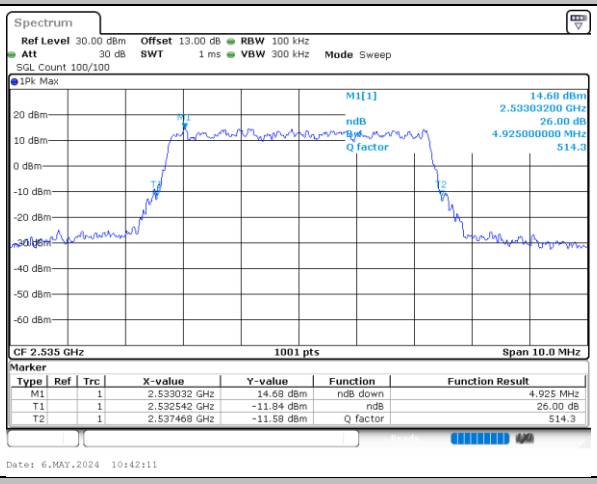
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.02	4.92	9.86	9.78	14.59	14.50	19.06	19.14
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.88	4.98	9.78	9.89	14.41	14.62	19.30	19.06

LTE Band 7

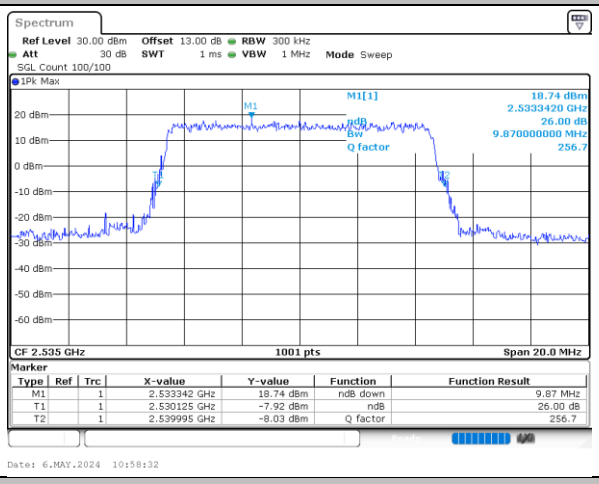
Middle Channel / 5MHz / QPSK



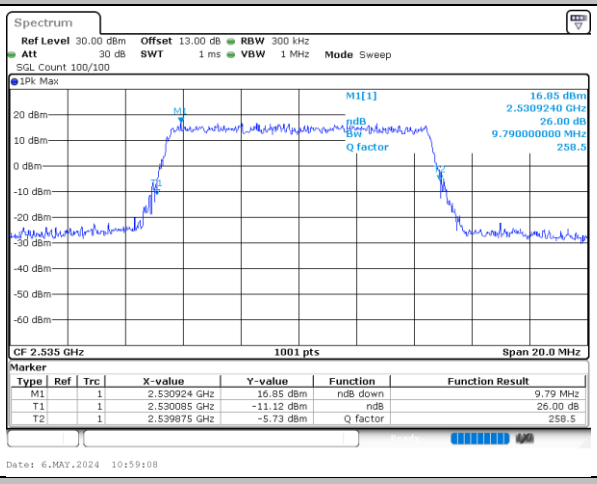
Middle Channel / 5MHz / 16QAM



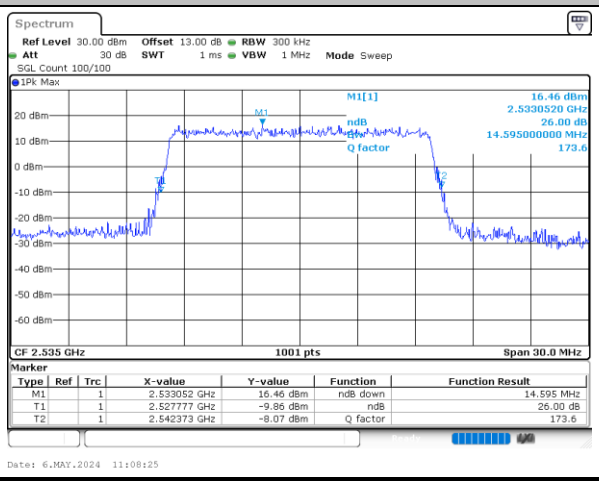
Middle Channel / 10MHz / QPSK



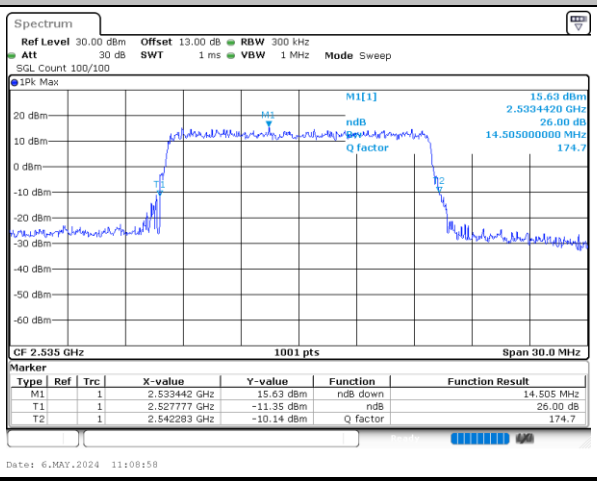
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

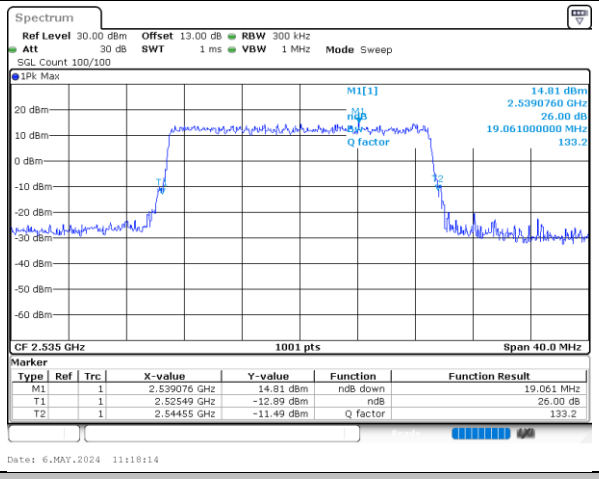


Middle Channel / 15MHz / 16QAM

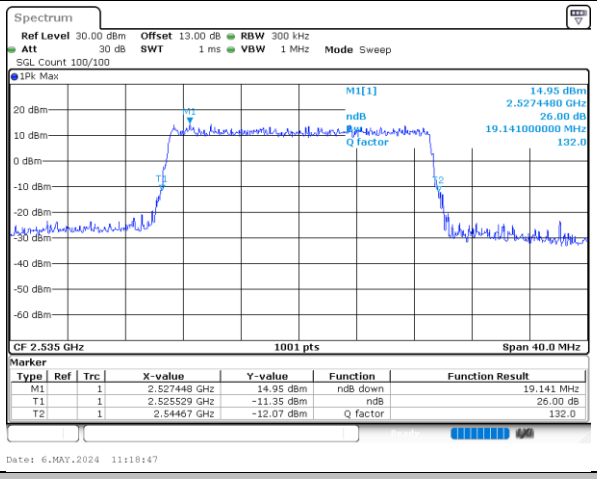


LTE Band 7

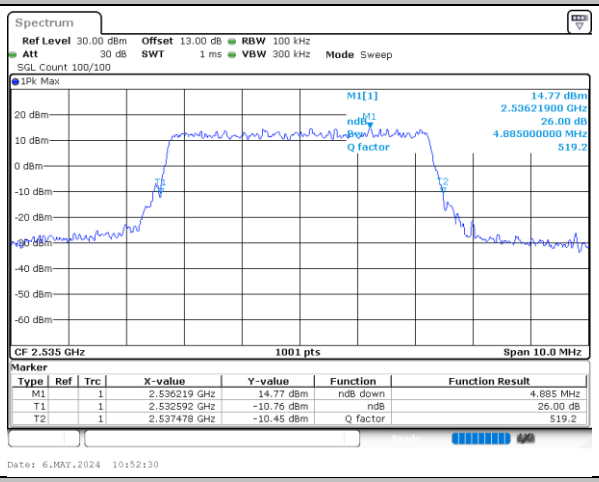
Middle Channel / 20MHz / QPSK



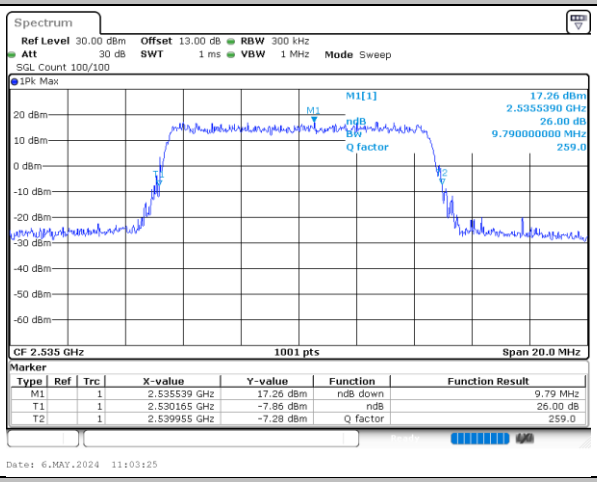
Middle Channel / 20MHz / 16QAM



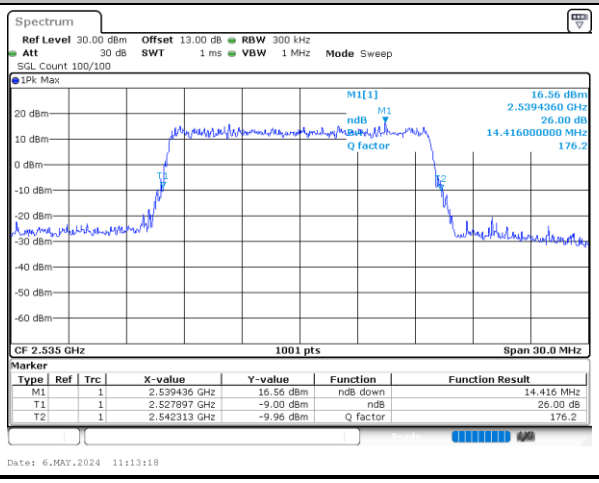
Middle Channel / 5MHz / 64QAM



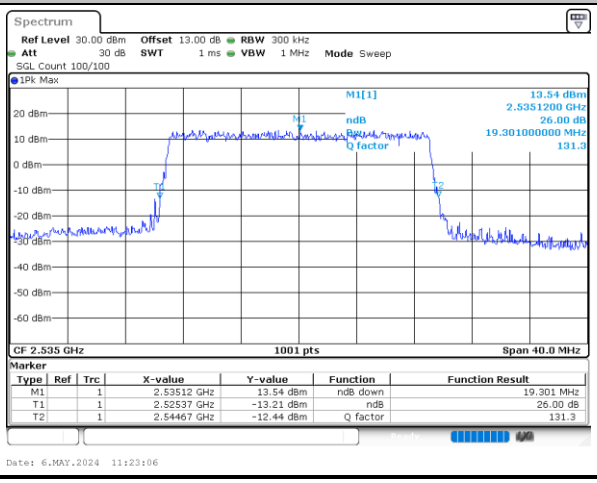
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

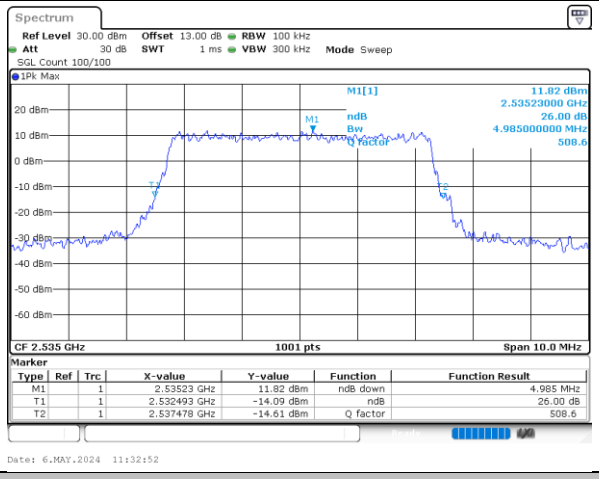


Middle Channel / 20MHz / 64QAM

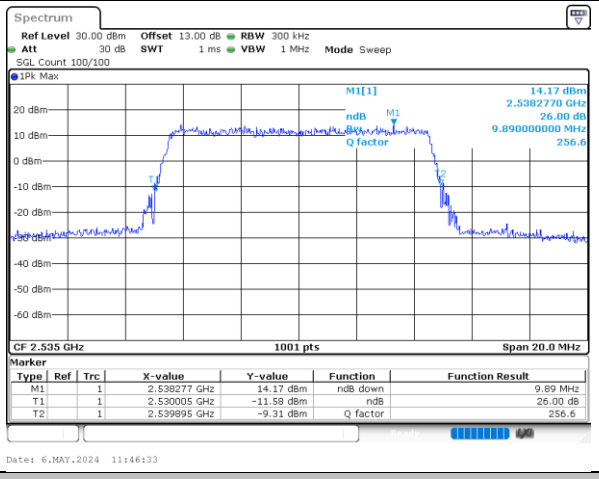


LTE Band 7

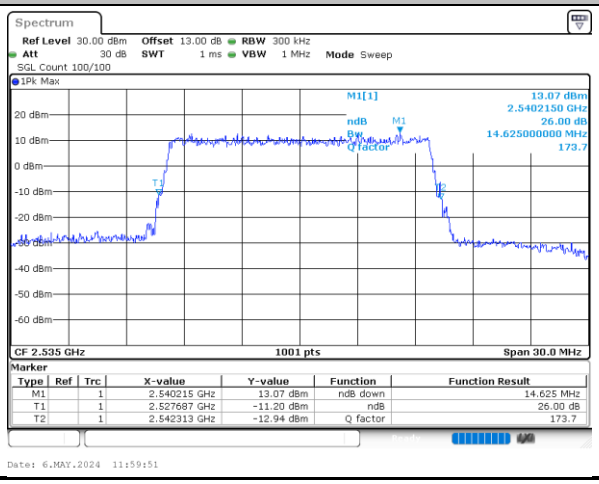
Middle Channel / 5MHz / 256QAM



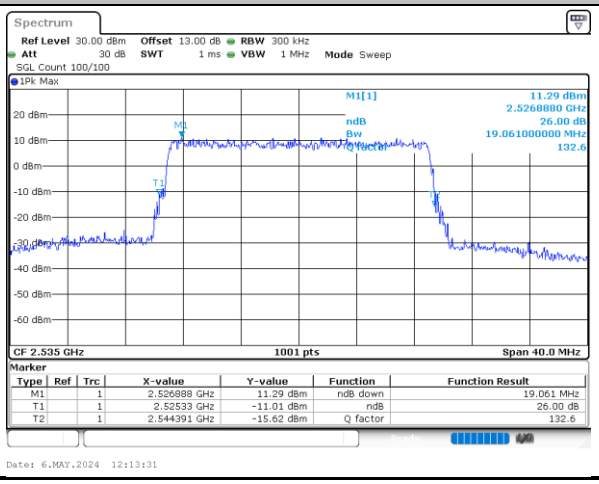
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

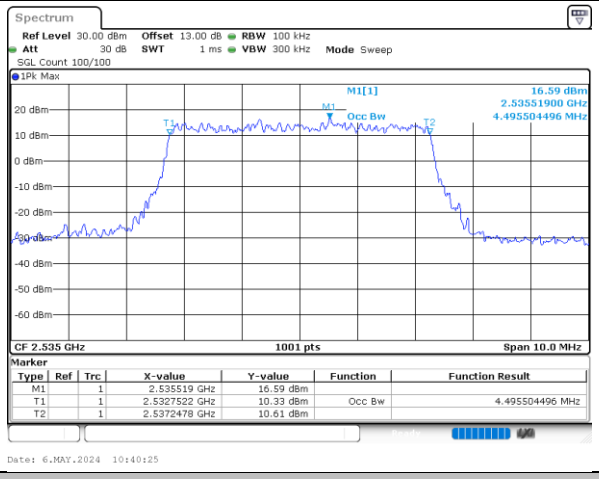


Occupied Bandwidth

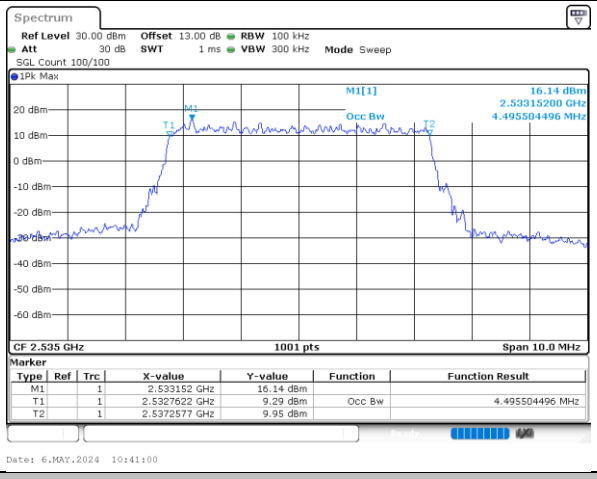
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.49	9.03	9.05	13.51	13.48	17.94	17.94
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.48	4.51	9.03	9.03	13.45	13.48	17.94	17.94

LTE Band 7

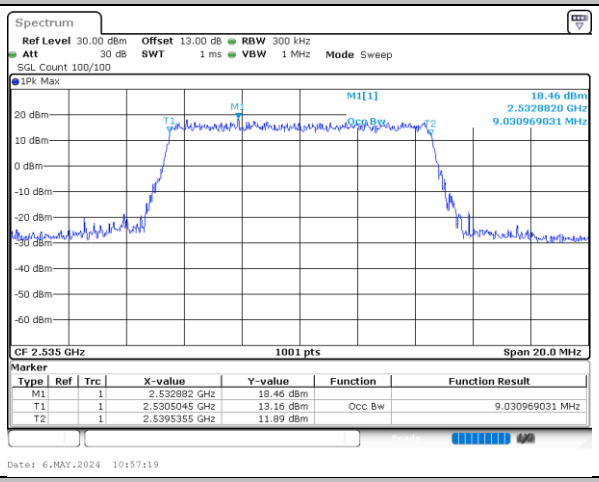
Middle Channel / 5MHz / QPSK



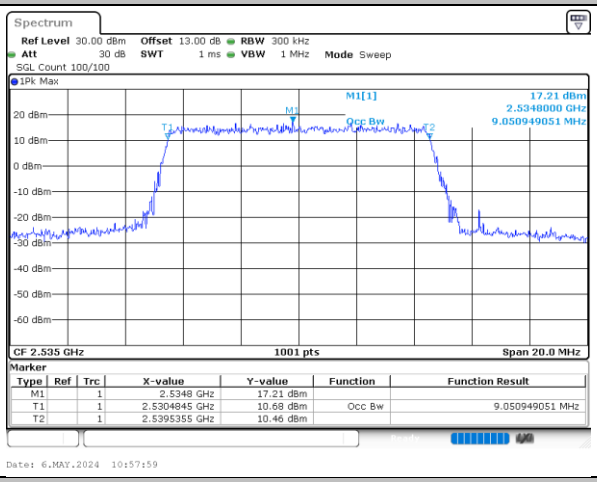
Middle Channel / 5MHz / 16QAM



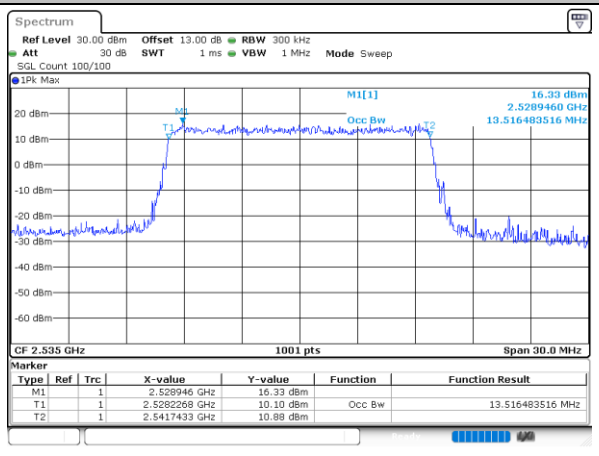
Middle Channel / 10MHz / QPSK



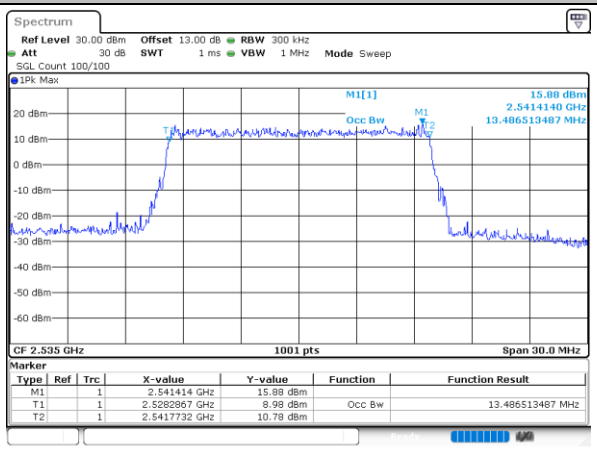
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

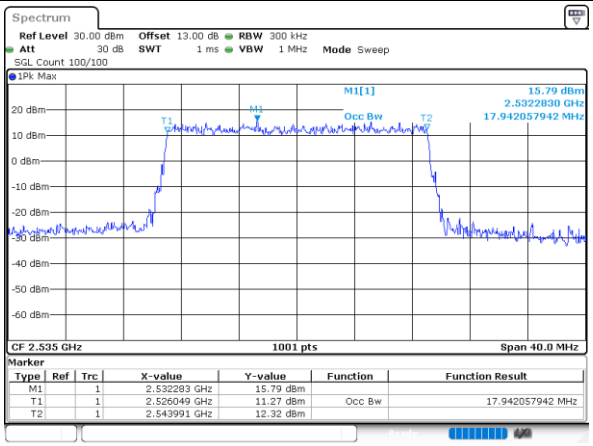


Middle Channel / 15MHz / 16QAM

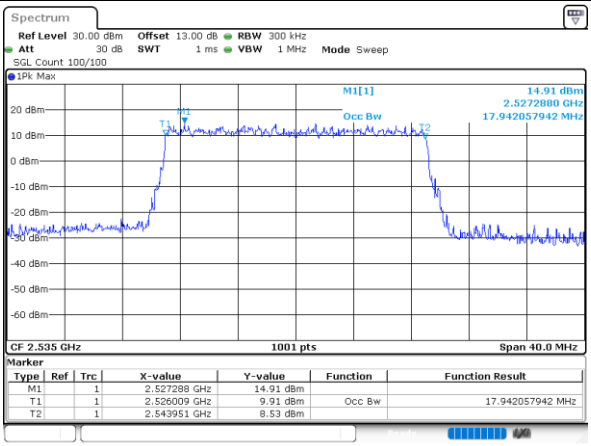


LTE Band 7

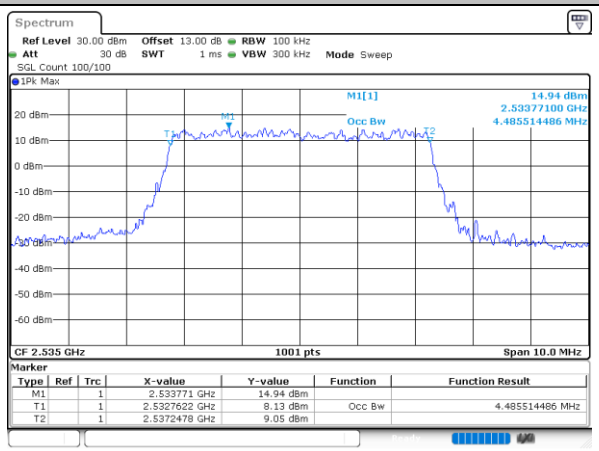
Middle Channel / 20MHz / QPSK



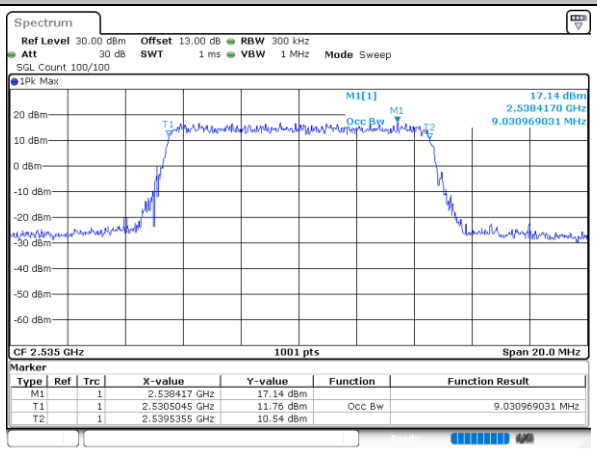
Middle Channel / 20MHz / 16QAM



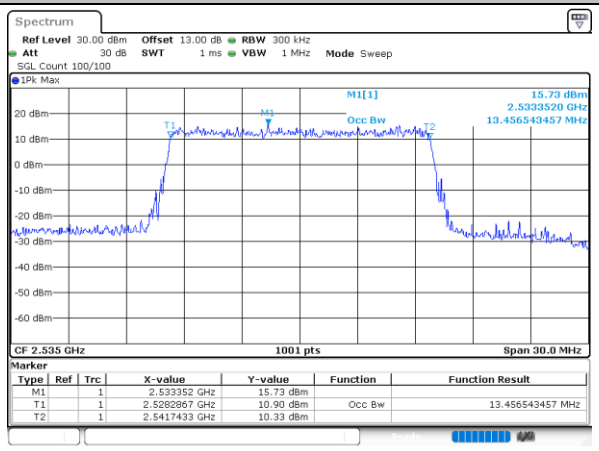
Middle Channel / 5MHz / 64QAM



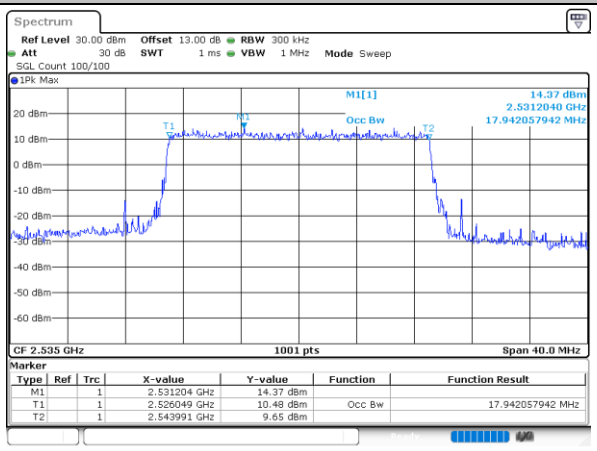
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

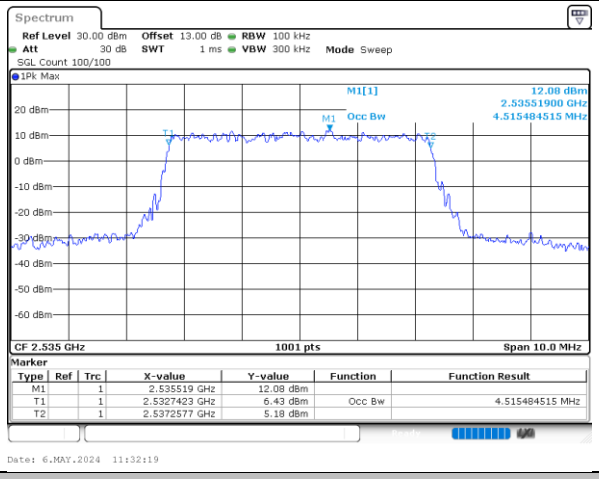


Middle Channel / 20MHz / 64QAM

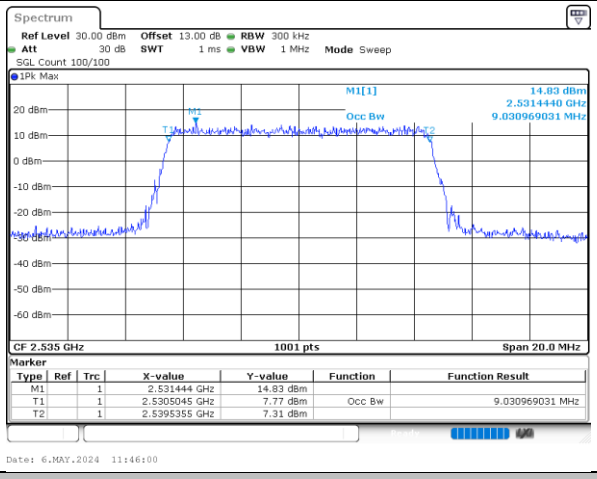


LTE Band 7

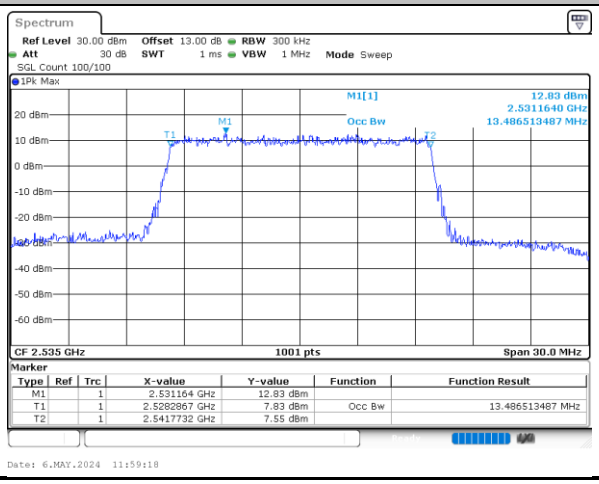
Middle Channel / 5MHz / 256QAM



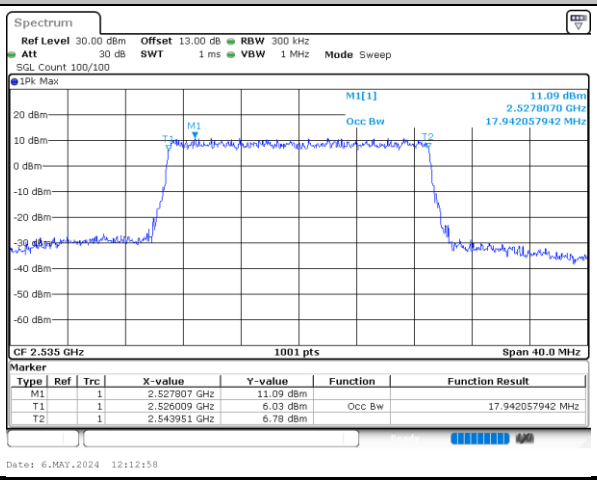
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



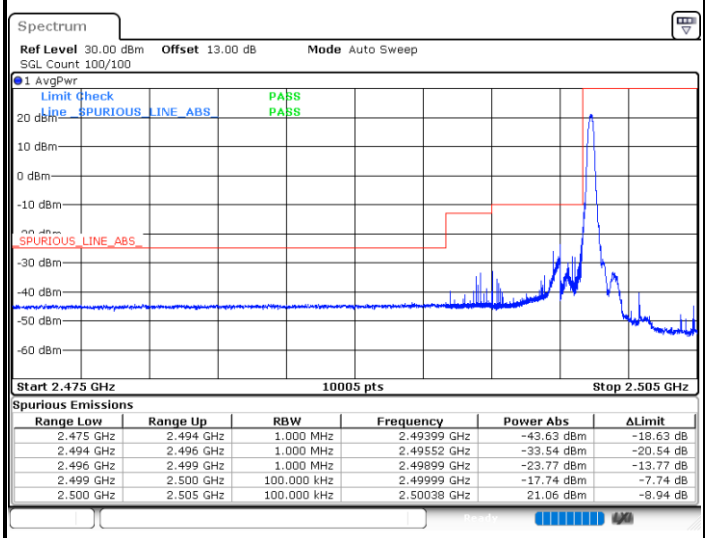
Middle Channel / 20MHz / 256QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

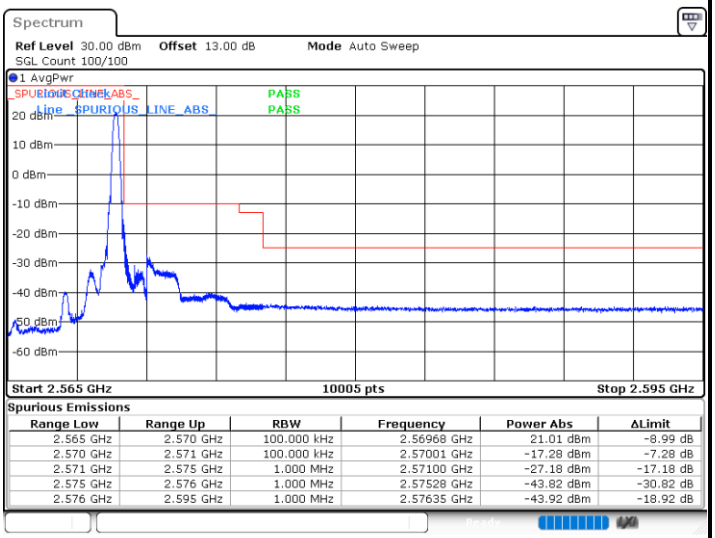


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49399 GHz	-43.63 dBm	-18.63 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49552 GHz	-33.54 dBm	-20.54 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-23.77 dBm	-13.77 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-17.74 dBm	-7.74 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50038 GHz	21.06 dBm	-8.94 dB

Date: 6.MAY.2024 10:35:09

Highest Band Edge / 1 RB

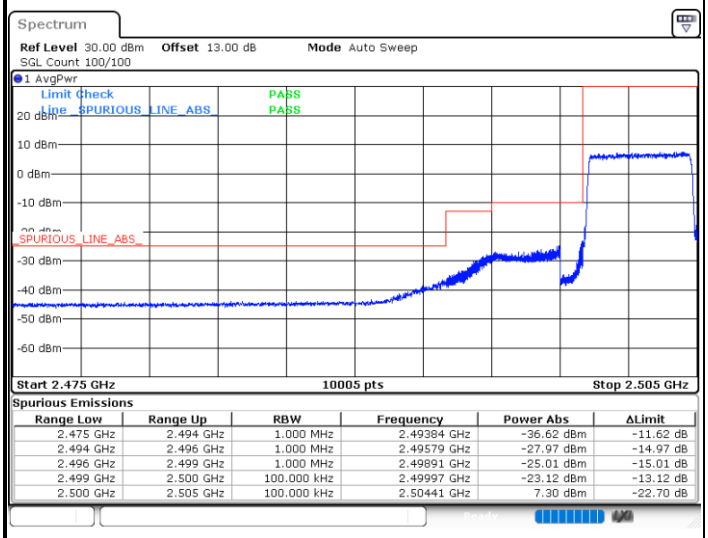


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	21.01 dBm	-8.99 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-17.28 dBm	-7.28 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-27.18 dBm	-17.18 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57528 GHz	-43.82 dBm	-30.82 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57635 GHz	-43.92 dBm	-18.92 dB

Date: 6.MAY.2024 10:44:39

Lowest Band Edge / Full RB

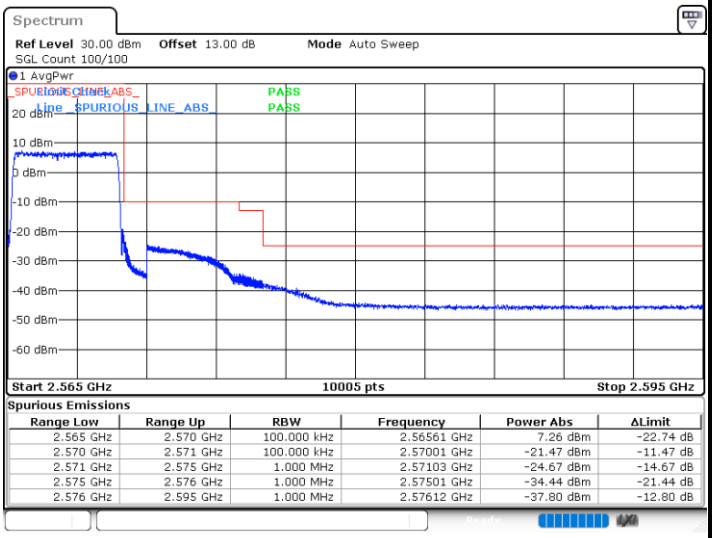


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49384 GHz	-36.62 dBm	-11.62 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49579 GHz	-27.97 dBm	-14.97 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-25.01 dBm	-15.01 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49997 GHz	-23.12 dBm	-13.12 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50441 GHz	7.30 dBm	-22.70 dB

Date: 6.MAY.2024 10:37:16

Highest Band Edge / Full RB



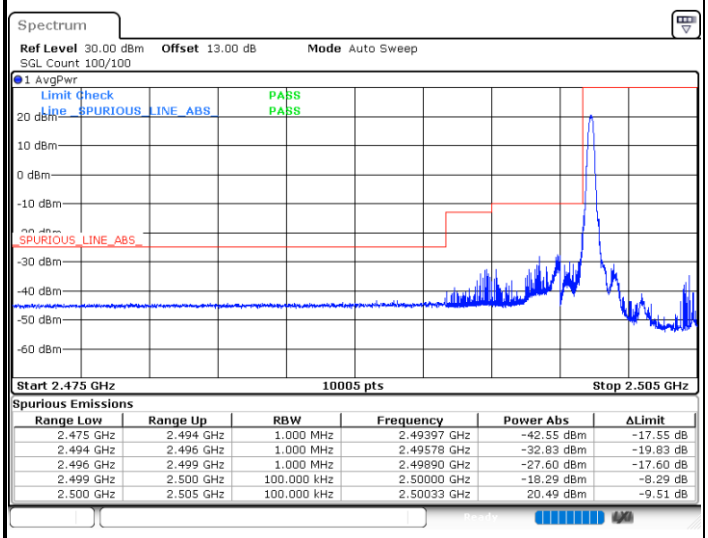
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56561 GHz	7.26 dBm	-22.74 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-21.47 dBm	-11.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-24.67 dBm	-14.67 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-34.44 dBm	-21.44 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57612 GHz	-37.80 dBm	-12.80 dB

Date: 6.MAY.2024 10:46:48

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

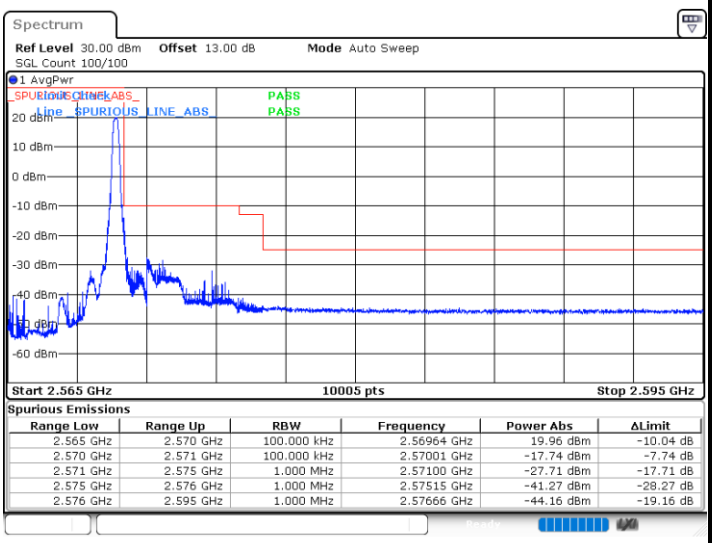


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49397 GHz	-42.55 dBm	-17.55 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49578 GHz	-32.83 dBm	-19.83 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-27.60 dBm	-17.60 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-18.29 dBm	-8.29 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.49 dBm	-9.51 dB

Date: 6.MAY.2024 10:36:13

Highest Band Edge / 1 RB

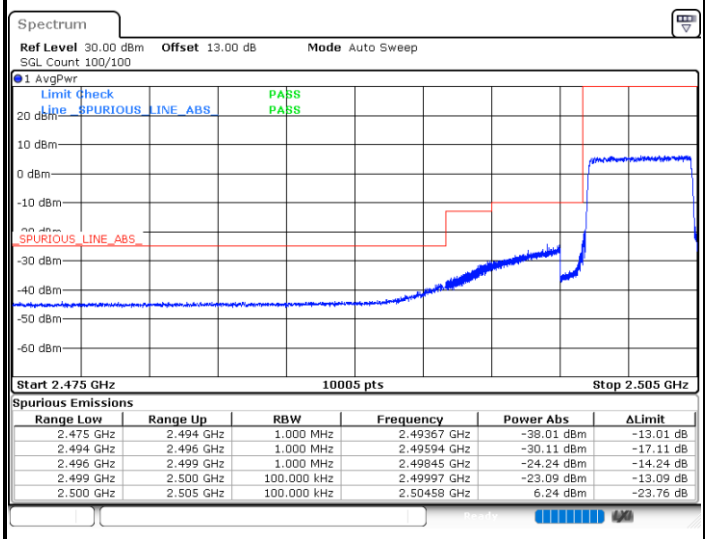


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	19.96 dBm	-10.04 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-17.74 dBm	-7.74 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-27.71 dBm	-17.71 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57515 GHz	-41.27 dBm	-28.27 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57666 GHz	-44.16 dBm	-19.16 dB

Date: 6.MAY.2024 10:45:44

Lowest Band Edge / Full RB

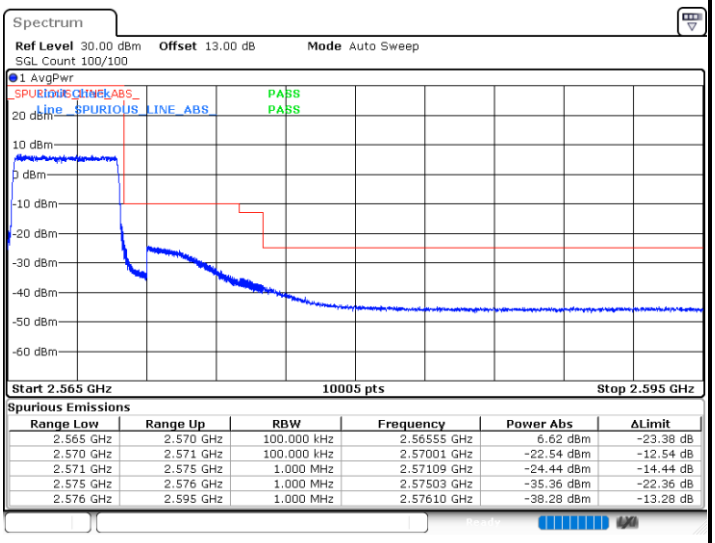


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49367 GHz	-38.01 dBm	-13.01 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-30.11 dBm	-17.11 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49845 GHz	-24.24 dBm	-14.24 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49997 GHz	-23.09 dBm	-13.09 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50458 GHz	6.24 dBm	-23.76 dB

Date: 6.MAY.2024 10:38:23

Highest Band Edge / Full RB



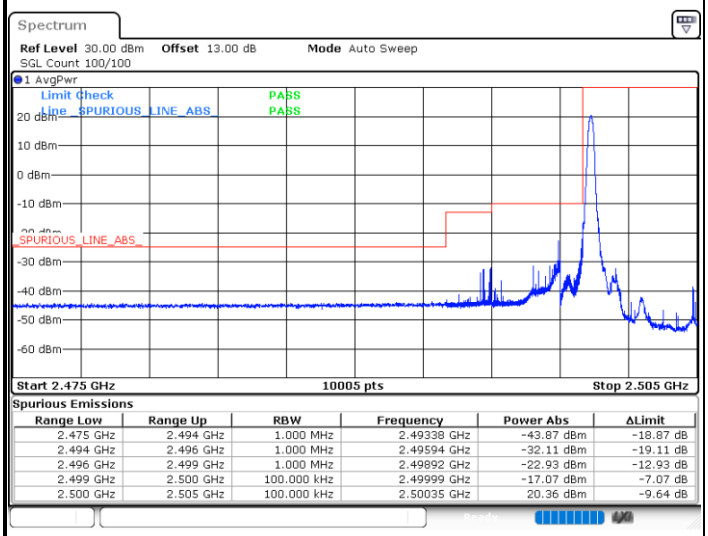
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56555 GHz	6.62 dBm	-23.38 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-22.54 dBm	-12.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-24.44 dBm	-14.44 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-35.36 dBm	-22.36 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57610 GHz	-38.28 dBm	-13.28 dB

Date: 6.MAY.2024 10:47:53

LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

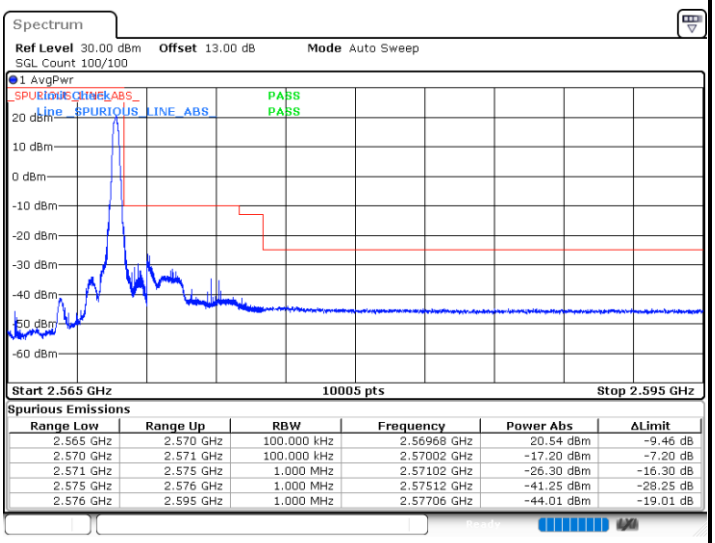


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49338 GHz	-43.87 dBm	-18.87 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-32.11 dBm	-19.11 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-22.93 dBm	-12.93 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-17.07 dBm	-7.07 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50035 GHz	20.36 dBm	-9.64 dB

Date: 6.MAY.2024 10:50:19

Highest Band Edge / 1 RB

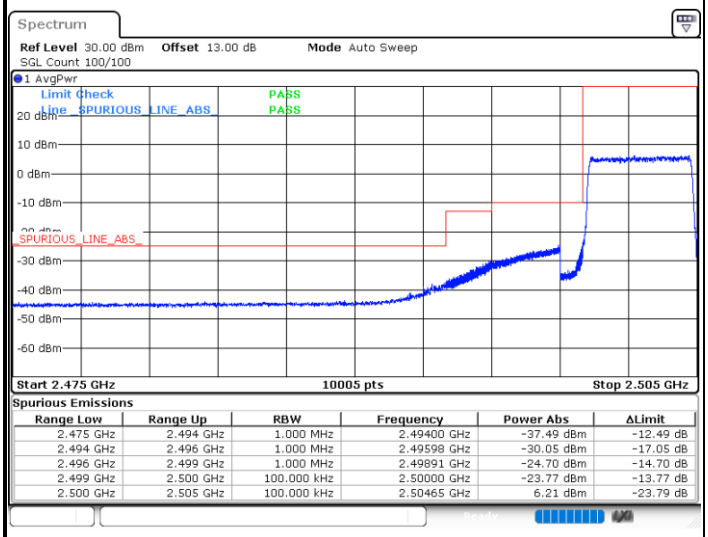


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	20.54 dBm	-9.46 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-17.20 dBm	-7.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-26.30 dBm	-16.30 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57512 GHz	-41.25 dBm	-28.25 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57706 GHz	-44.01 dBm	-19.01 dB

Date: 6.MAY.2024 10:53:32

Lowest Band Edge / Full RB

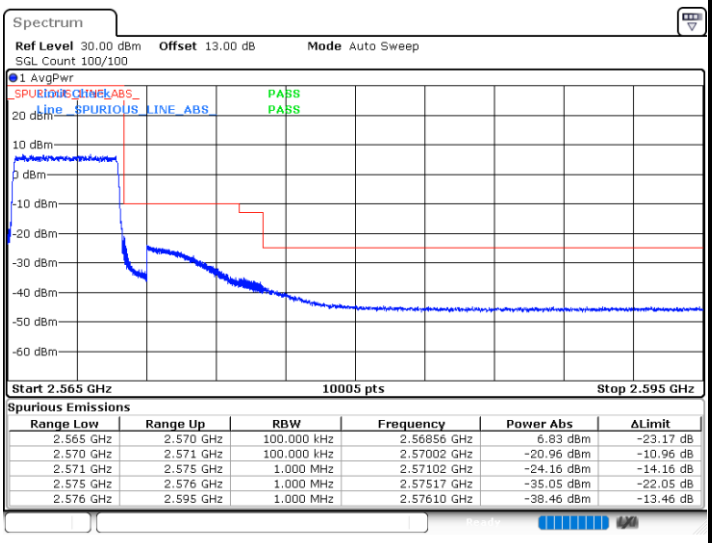


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49400 GHz	-37.49 dBm	-12.49 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-30.05 dBm	-17.05 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-24.70 dBm	-14.70 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-23.77 dBm	-13.77 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50465 GHz	6.21 dBm	-23.79 dB

Date: 6.MAY.2024 10:51:23

Highest Band Edge / Full RB



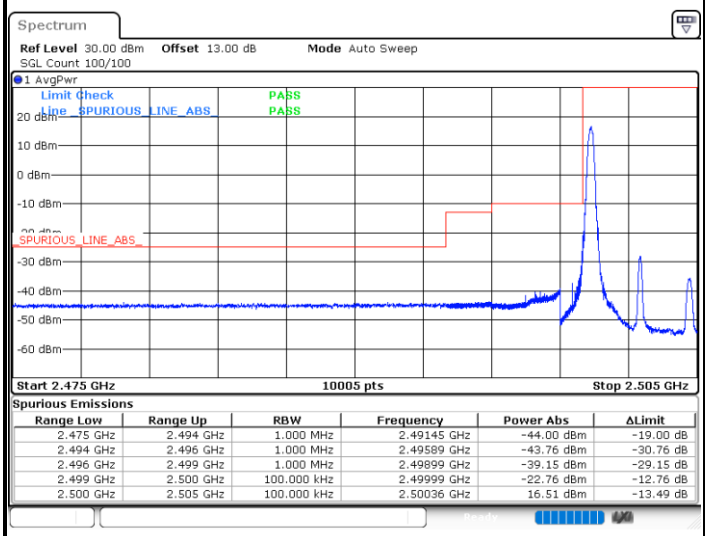
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56856 GHz	6.83 dBm	-23.17 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-20.96 dBm	-10.96 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-24.16 dBm	-14.16 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57517 GHz	-35.05 dBm	-22.05 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57610 GHz	-38.46 dBm	-13.46 dB

Date: 6.MAY.2024 10:54:35

LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

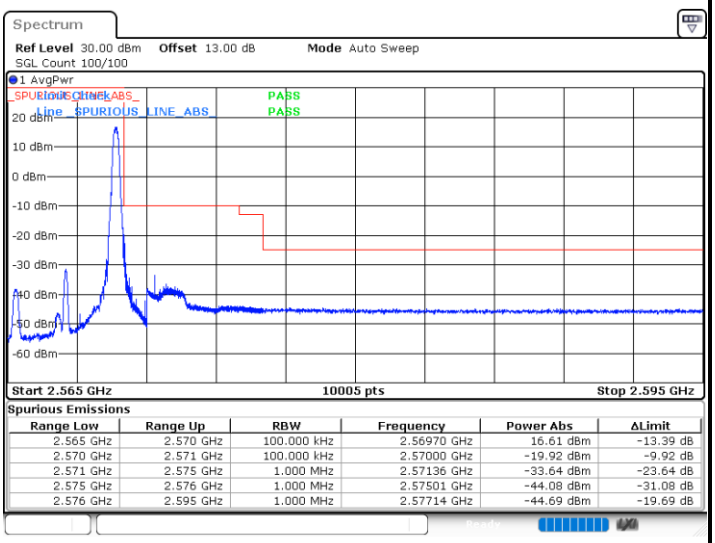


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49145 GHz	-44.00 dBm	-19.00 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-43.76 dBm	-30.76 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-39.15 dBm	-29.15 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-22.76 dBm	-12.76 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50036 GHz	16.51 dBm	-13.49 dB

Date: 6.MAY.2024 11:26:57

Highest Band Edge / 1 RB

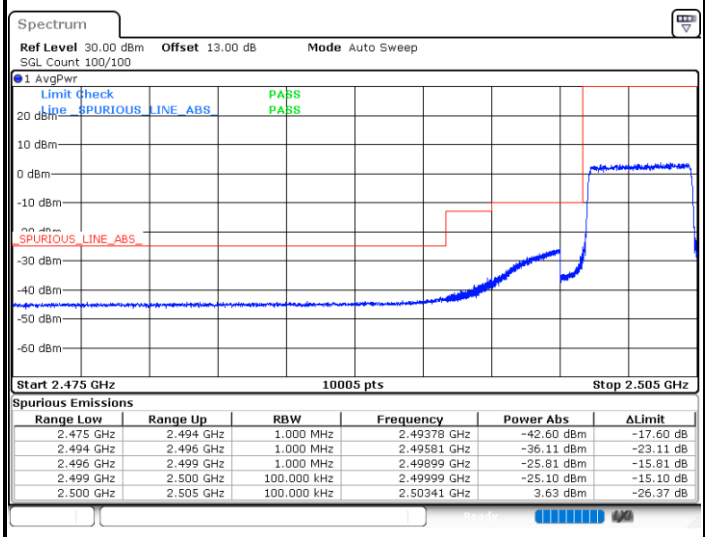


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56970 GHz	16.61 dBm	-13.39 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.92 dBm	-9.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-33.64 dBm	-23.64 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-44.08 dBm	-31.08 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57714 GHz	-44.69 dBm	-19.69 dB

Date: 6.MAY.2024 11:38:21

Lowest Band Edge / Full RB

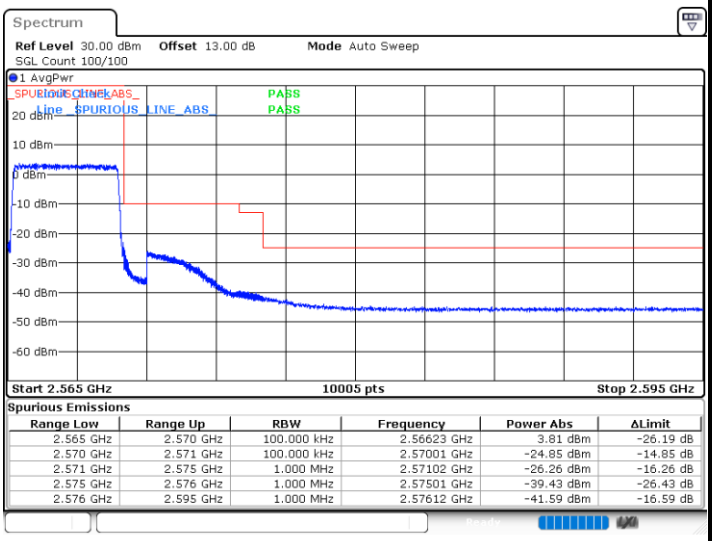


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49378 GHz	-42.60 dBm	-17.60 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49581 GHz	-36.11 dBm	-23.11 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-25.81 dBm	-15.81 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-25.10 dBm	-15.10 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50341 GHz	3.63 dBm	-26.37 dB

Date: 6.MAY.2024 11:31:16

Highest Band Edge / Full RB



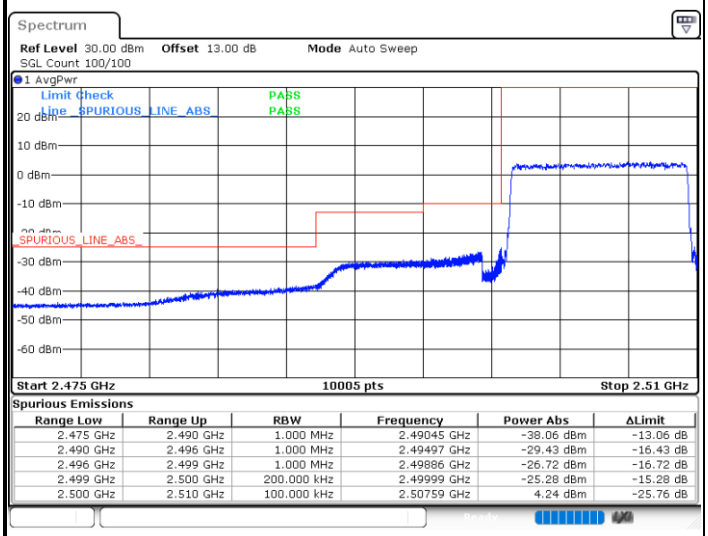
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56623 GHz	3.81 dBm	-26.19 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-24.85 dBm	-14.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-26.26 dBm	-16.26 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-39.43 dBm	-26.43 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57612 GHz	-41.59 dBm	-16.59 dB

Date: 6.MAY.2024 11:39:28

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB

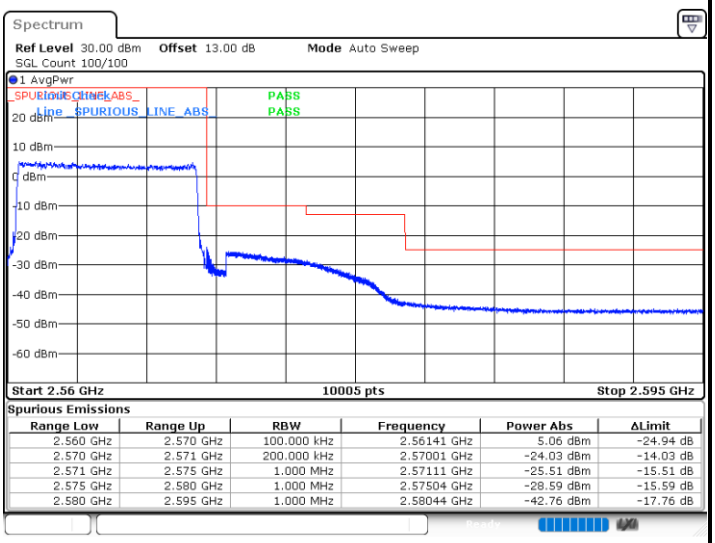


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-38.06 dBm	-13.06 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49497 GHz	-29.43 dBm	-16.43 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49886 GHz	-26.72 dBm	-16.72 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-25.28 dBm	-15.28 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50759 GHz	4.24 dBm	-25.76 dB

Date: 6.MAY.2024 10:55:40

Highest Band Edge / Full RB



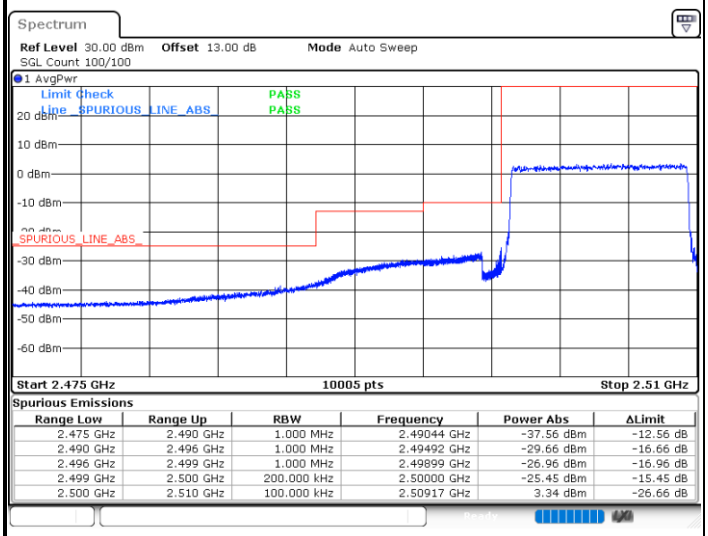
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56141 GHz	5.06 dBm	-24.94 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-24.03 dBm	-14.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-25.51 dBm	-15.51 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57504 GHz	-28.59 dBm	-15.59 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58044 GHz	-42.76 dBm	-17.76 dB

Date: 6.MAY.2024 11:00:10

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB

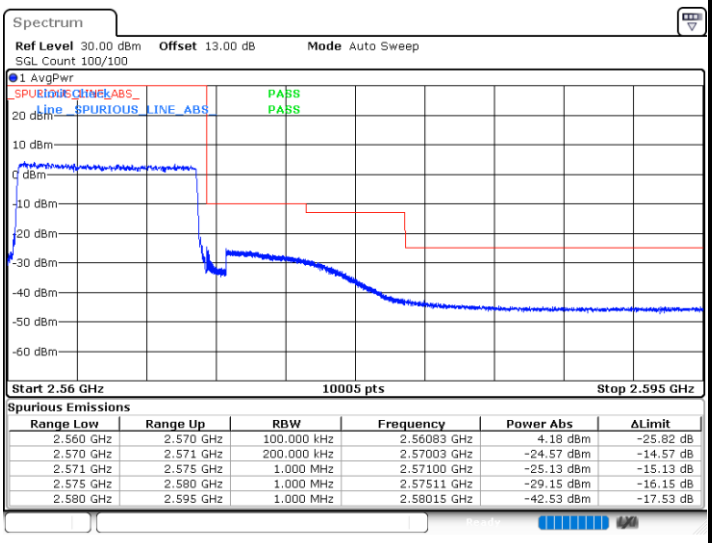


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-37.56 dBm	-12.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49492 GHz	-29.66 dBm	-16.66 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-26.96 dBm	-16.96 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-25.45 dBm	-15.45 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50917 GHz	3.34 dBm	-26.66 dB

Date: 6.MAY.2024 10:56:43

Highest Band Edge / Full RB



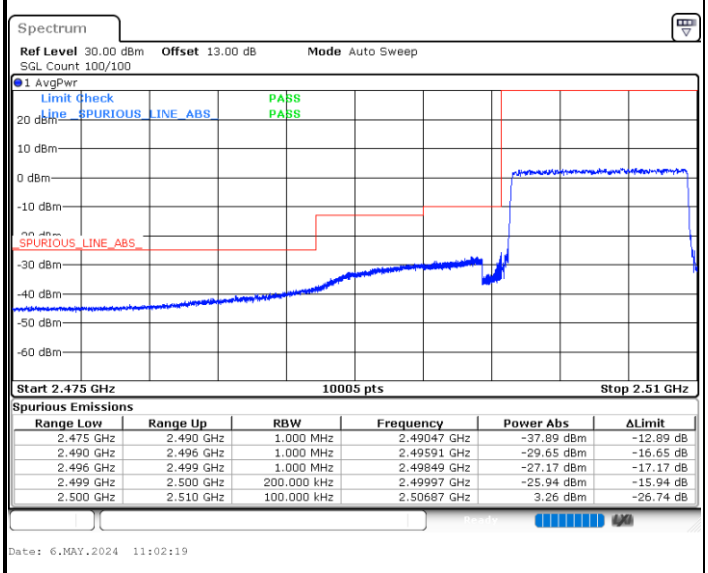
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56083 GHz	4.18 dBm	-25.82 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-24.57 dBm	-14.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-25.13 dBm	-15.13 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57511 GHz	-29.15 dBm	-16.15 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58015 GHz	-42.53 dBm	-17.53 dB

Date: 6.MAY.2024 11:01:15

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB

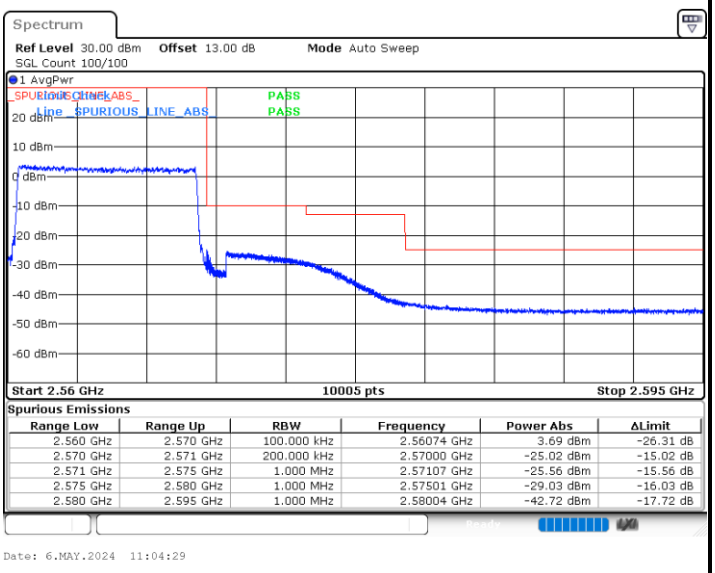


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-37.89 dBm	-12.89 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-29.65 dBm	-16.65 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49849 GHz	-27.17 dBm	-17.17 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49997 GHz	-25.94 dBm	-15.94 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50687 GHz	3.26 dBm	-26.74 dB

Date: 6.MAY.2024 11:02:19

Highest Band Edge / Full RB



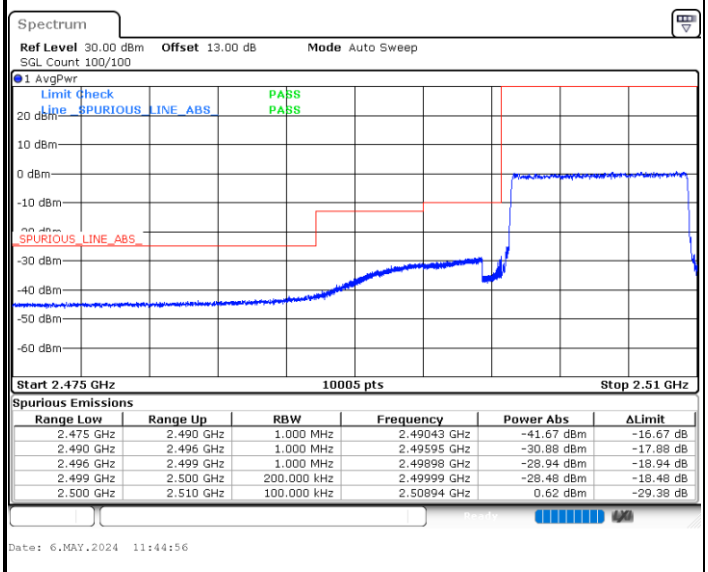
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56074 GHz	3.69 dBm	-26.31 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-25.02 dBm	-15.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-25.56 dBm	-15.56 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57501 GHz	-29.03 dBm	-16.03 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58004 GHz	-42.72 dBm	-17.72 dB

Date: 6.MAY.2024 11:04:29

LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / Full RB

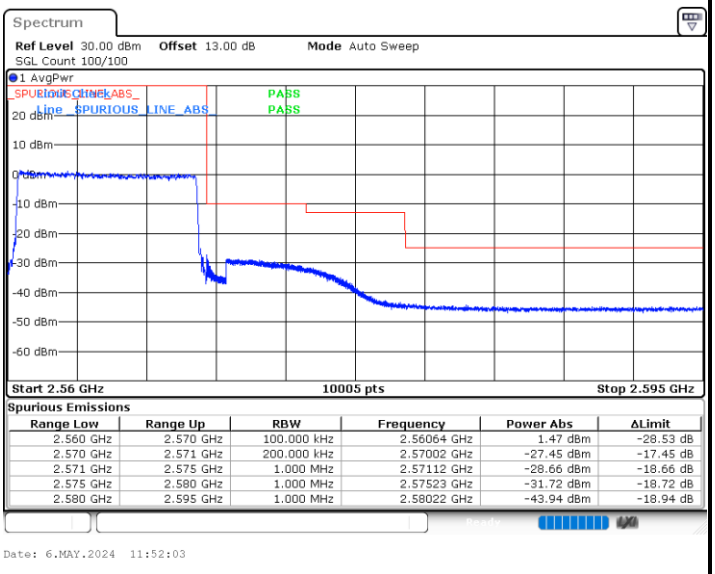


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-41.67 dBm	-16.67 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-30.88 dBm	-17.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-28.94 dBm	-18.94 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-28.48 dBm	-18.48 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50894 GHz	0.62 dBm	-29.38 dB

Date: 6.MAY.2024 11:44:56

Highest Band Edge / Full RB



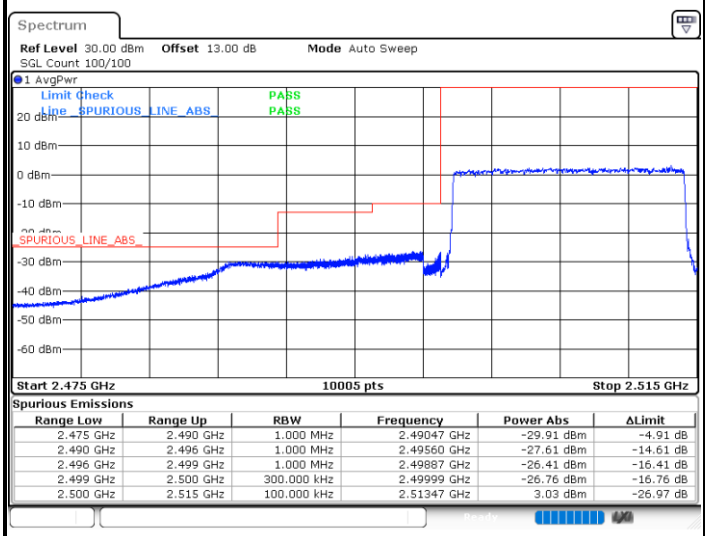
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56064 GHz	1.47 dBm	-28.53 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-27.45 dBm	-17.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57112 GHz	-28.66 dBm	-18.66 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57523 GHz	-31.72 dBm	-18.72 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58022 GHz	-43.94 dBm	-18.94 dB

Date: 6.MAY.2024 11:52:03

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB

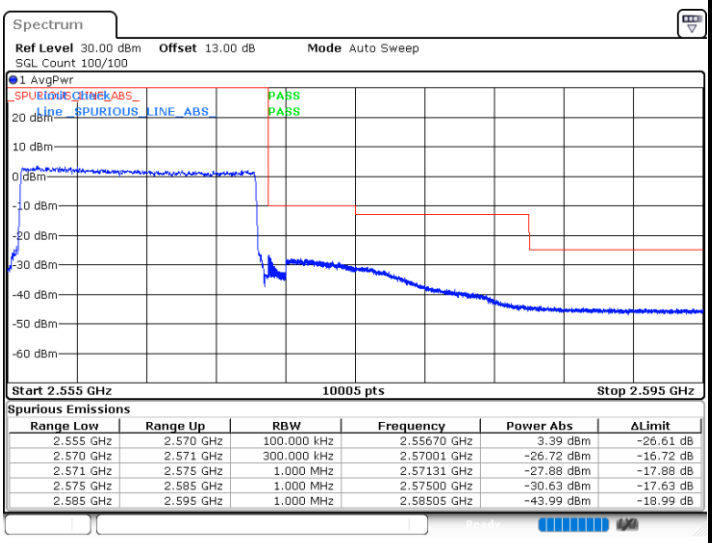


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-29.91 dBm	-4.91 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49560 GHz	-27.61 dBm	-14.61 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-26.41 dBm	-16.41 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-26.76 dBm	-16.76 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51347 GHz	3.03 dBm	-26.97 dB

Date: 6.MAY.2024 11:05:34

Highest Band Edge / Full RB



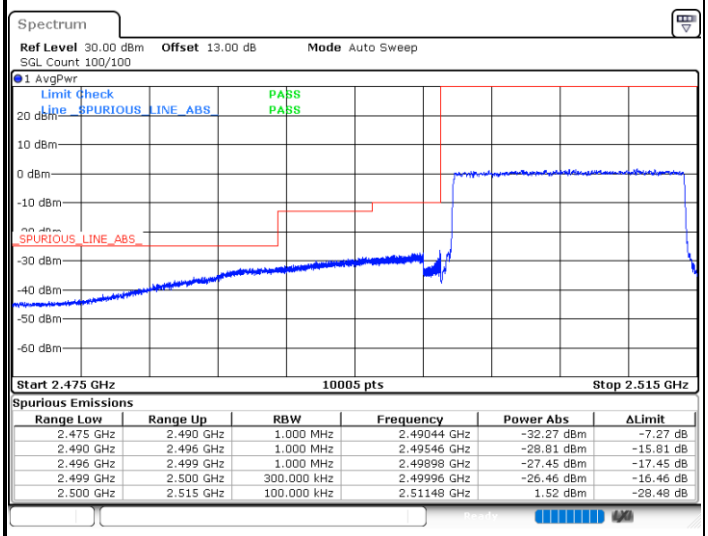
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55670 GHz	3.39 dBm	-26.61 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-26.72 dBm	-16.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57131 GHz	-27.88 dBm	-17.88 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57500 GHz	-30.63 dBm	-17.63 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-43.99 dBm	-18.99 dB

Date: 6.MAY.2024 11:10:00

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB

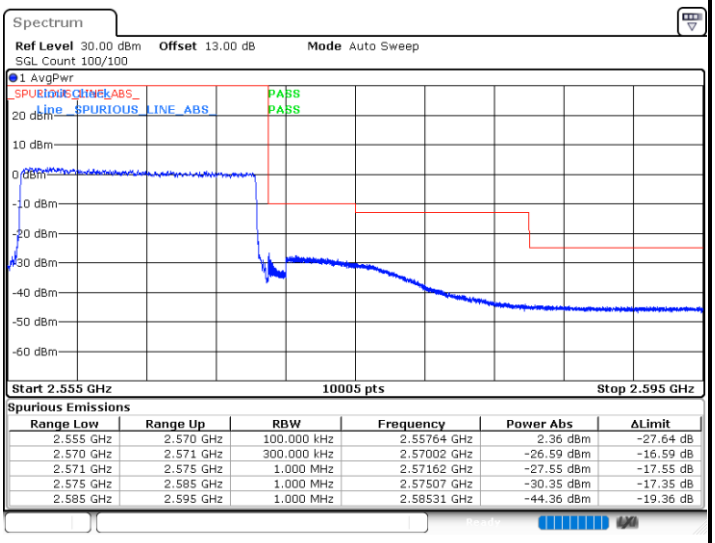


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-32.27 dBm	-7.27 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49546 GHz	-28.81 dBm	-15.81 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-27.45 dBm	-17.45 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49996 GHz	-26.46 dBm	-16.46 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51148 GHz	1.52 dBm	-28.48 dB

Date: 6.MAY.2024 11:06:38

Highest Band Edge / Full RB



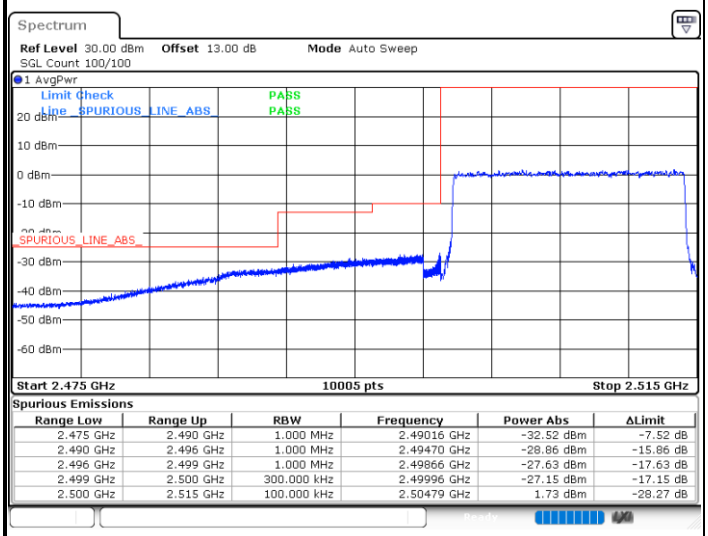
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55764 GHz	2.36 dBm	-27.64 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-26.59 dBm	-16.59 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57162 GHz	-27.55 dBm	-17.55 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57507 GHz	-30.35 dBm	-17.35 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58531 GHz	-44.36 dBm	-19.36 dB

Date: 6.MAY.2024 11:11:03

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

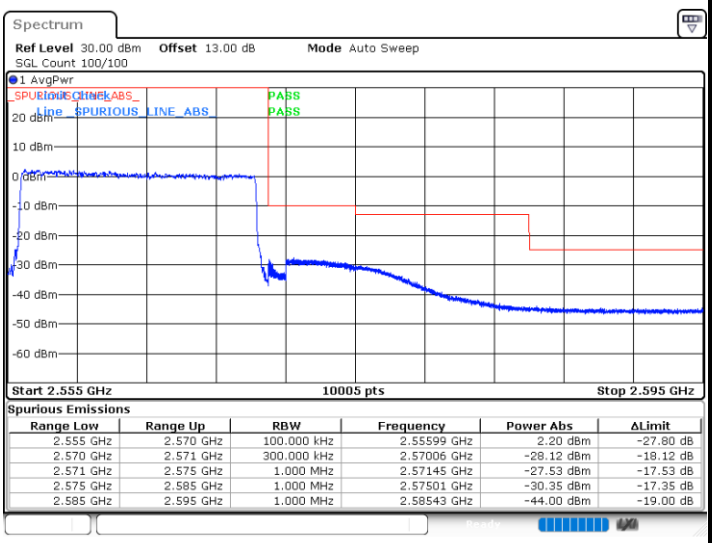


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49016 GHz	-32.52 dBm	-7.52 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49470 GHz	-28.86 dBm	-15.86 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49866 GHz	-27.63 dBm	-17.63 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49996 GHz	-27.15 dBm	-17.15 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50479 GHz	1.73 dBm	-28.27 dB

Date: 6.MAY.2024 11:12:06

Highest Band Edge / Full RB



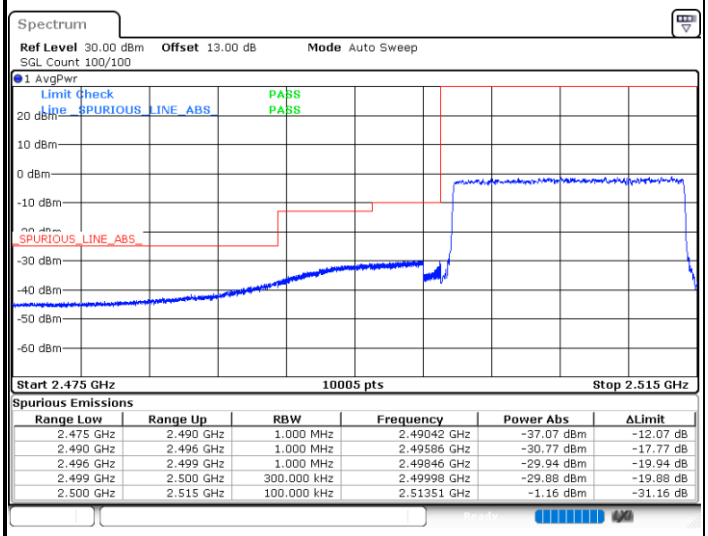
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55599 GHz	2.20 dBm	-27.80 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-28.12 dBm	-18.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57145 GHz	-27.53 dBm	-17.53 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57501 GHz	-30.35 dBm	-17.35 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58543 GHz	-44.00 dBm	-19.00 dB

Date: 6.MAY.2024 11:14:21

LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB

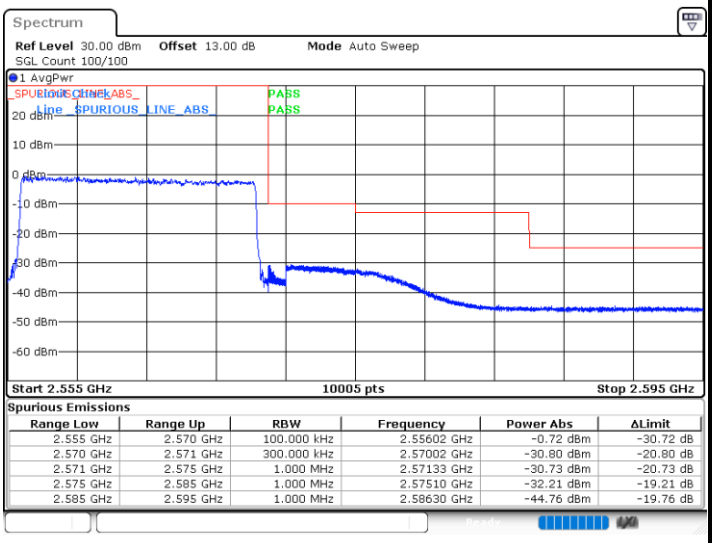


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-37.07 dBm	-12.07 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49586 GHz	-30.77 dBm	-17.77 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49846 GHz	-29.94 dBm	-19.94 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-29.88 dBm	-19.88 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51351 GHz	-1.16 dBm	-31.16 dB

Date: 6.MAY.2024 11:58:17

Highest Band Edge / Full RB



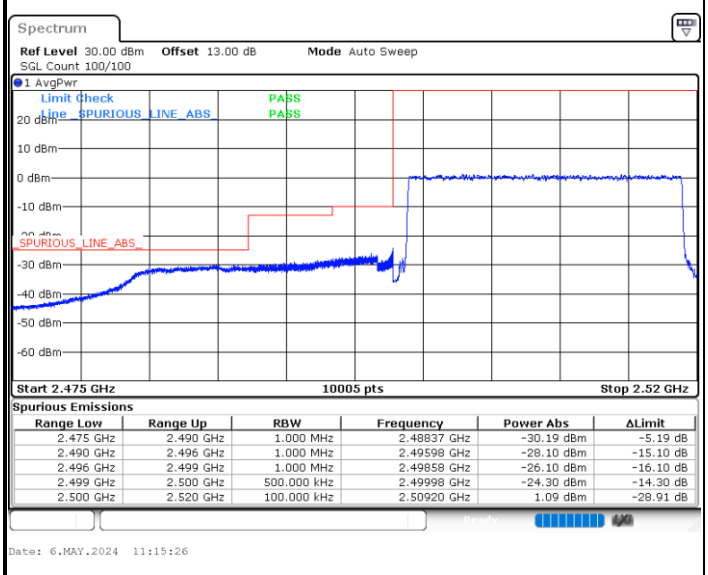
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55602 GHz	-0.72 dBm	-30.72 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-30.80 dBm	-20.80 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57133 GHz	-30.73 dBm	-20.73 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57510 GHz	-32.21 dBm	-19.21 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58630 GHz	-44.76 dBm	-19.76 dB

Date: 6.MAY.2024 12:05:20

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

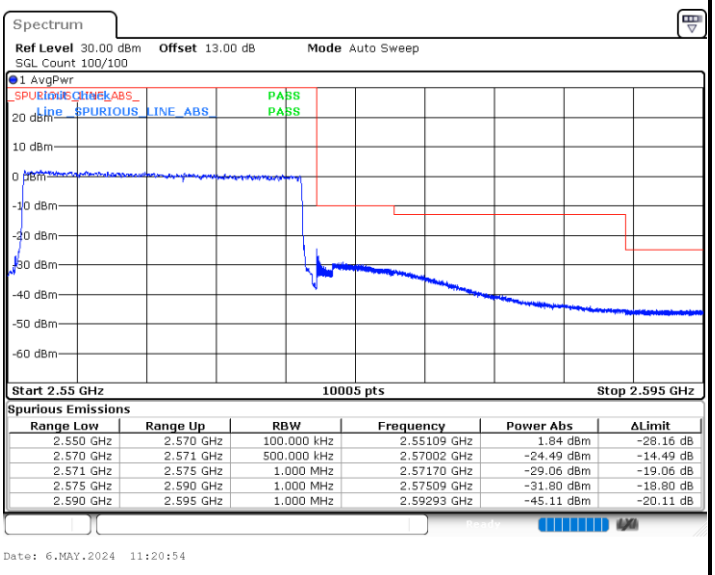


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48837 GHz	-30.19 dBm	-5.19 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-28.10 dBm	-15.10 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49858 GHz	-26.10 dBm	-16.10 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-24.30 dBm	-14.30 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50920 GHz	1.09 dBm	-28.91 dB

Date: 6.MAY.2024 11:15:26

Highest Band Edge / Full RB



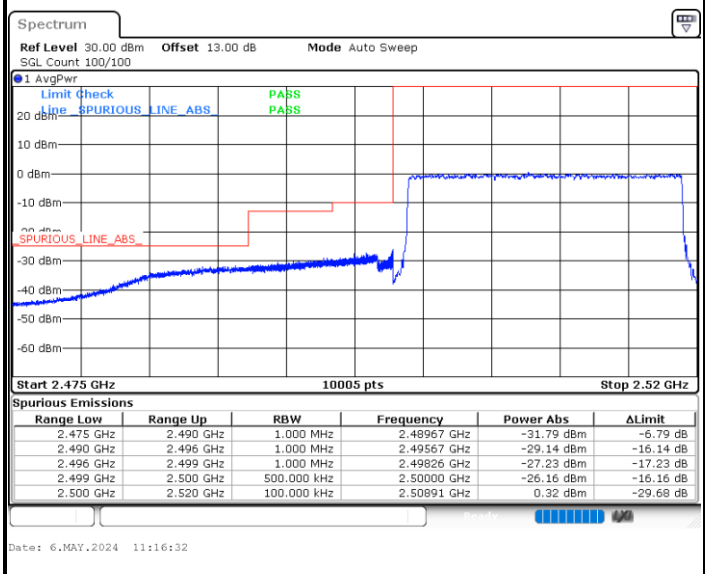
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55109 GHz	1.84 dBm	-28.16 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-24.49 dBm	-14.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57170 GHz	-29.06 dBm	-19.06 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57509 GHz	-31.80 dBm	-18.80 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59293 GHz	-45.11 dBm	-20.11 dB

Date: 6.MAY.2024 11:20:54

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB

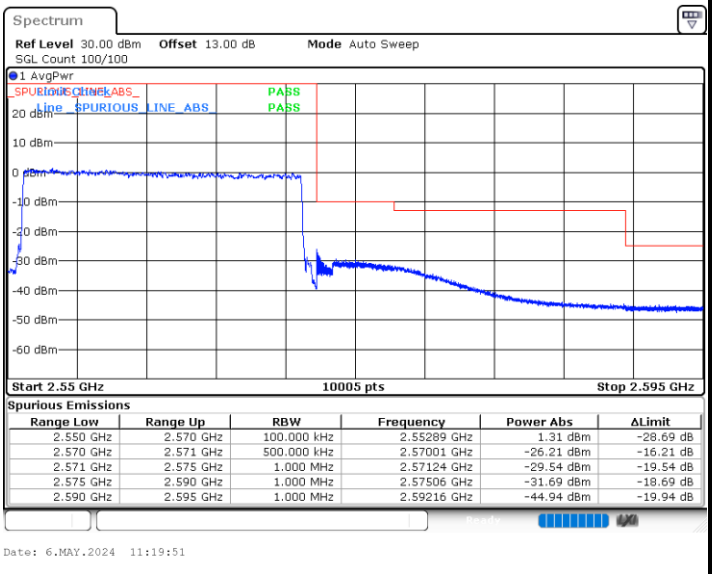


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48967 GHz	-31.79 dBm	-6.79 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49567 GHz	-29.14 dBm	-16.14 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49826 GHz	-27.23 dBm	-17.23 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-26.16 dBm	-16.16 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50891 GHz	0.32 dBm	-29.68 dB

Date: 6.MAY.2024 11:16:32

Highest Band Edge / Full RB



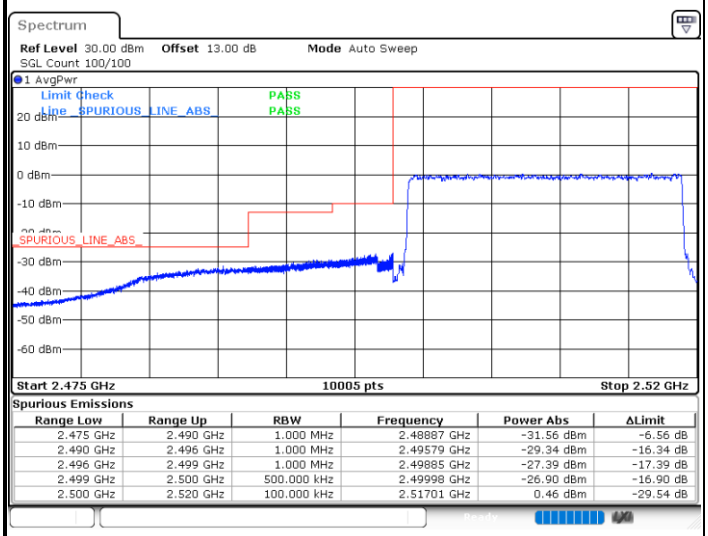
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55289 GHz	1.31 dBm	-28.69 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-26.21 dBm	-16.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57124 GHz	-29.54 dBm	-19.54 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57506 GHz	-31.69 dBm	-18.69 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59216 GHz	-44.94 dBm	-19.94 dB

Date: 6.MAY.2024 11:19:51

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

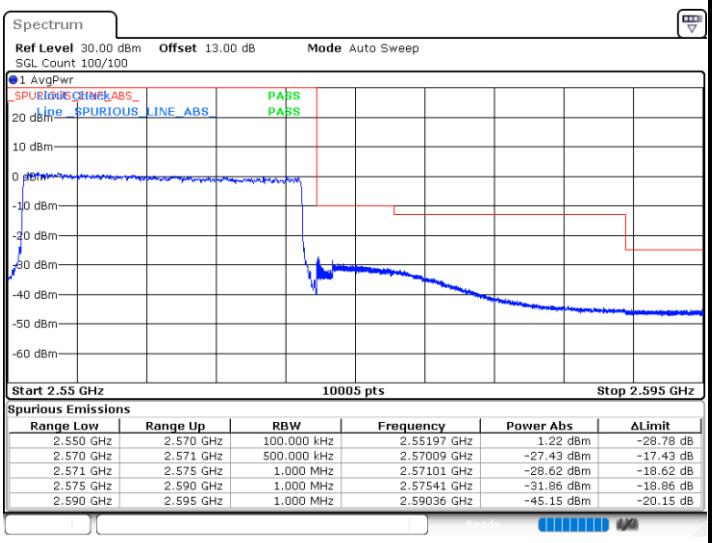


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48887 GHz	-31.56 dBm	-6.56 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49579 GHz	-29.34 dBm	-16.34 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49885 GHz	-27.39 dBm	-17.39 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-26.90 dBm	-16.90 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51701 GHz	0.46 dBm	-29.54 dB

Date: 6.MAY.2024 11:21:58

Highest Band Edge / Full RB



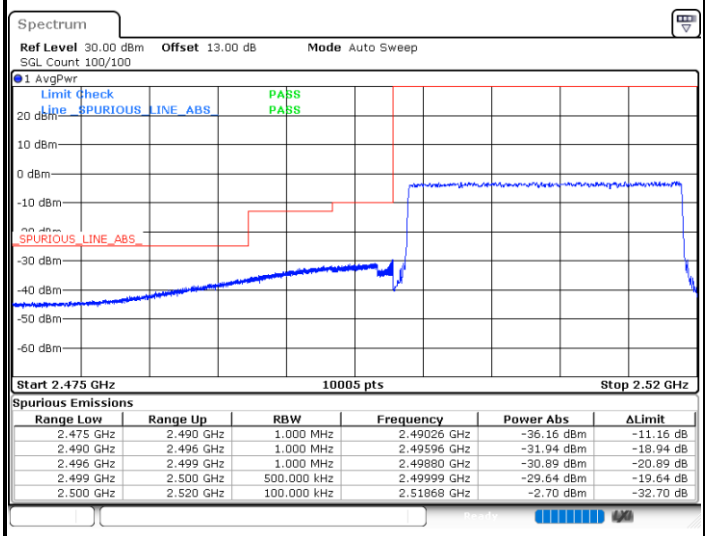
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55197 GHz	1.22 dBm	-28.78 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57009 GHz	-27.43 dBm	-17.43 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-28.62 dBm	-18.62 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57541 GHz	-31.86 dBm	-18.86 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59036 GHz	-45.15 dBm	-20.15 dB

Date: 6.MAY.2024 11:24:08

LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / Full RB

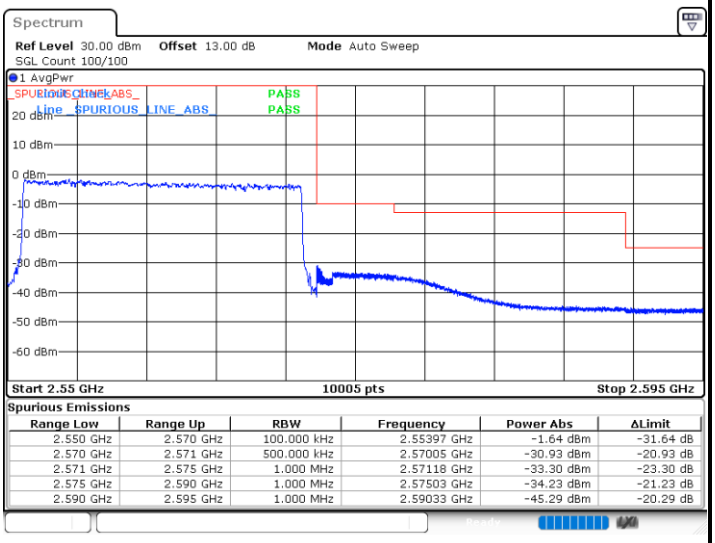


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49026 GHz	-36.16 dBm	-11.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-31.94 dBm	-18.94 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49880 GHz	-30.89 dBm	-20.89 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49999 GHz	-29.64 dBm	-19.64 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51868 GHz	-2.70 dBm	-32.70 dB

Date: 6.MAY.2024 12:11:56

Highest Band Edge / Full RB



Spurious Emissions

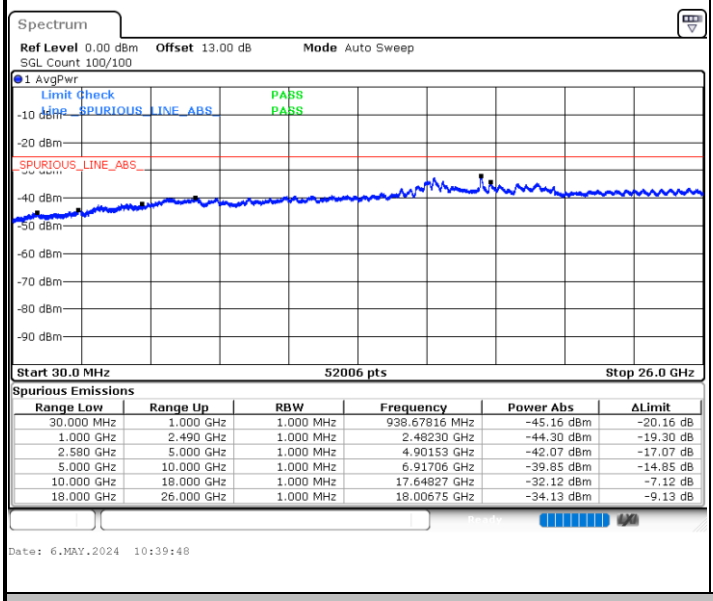
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55397 GHz	-1.64 dBm	-31.64 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57005 GHz	-30.93 dBm	-20.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-33.30 dBm	-23.30 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-34.23 dBm	-21.23 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59033 GHz	-45.29 dBm	-20.29 dB

Date: 6.MAY.2024 12:18:48

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-45.16 dBm	-20.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-44.30 dBm	-19.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.90153 GHz	-42.07 dBm	-17.07 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91706 GHz	-39.85 dBm	-14.85 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.64827 GHz	-32.12 dBm	-7.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00675 GHz	-34.13 dBm	-9.13 dB

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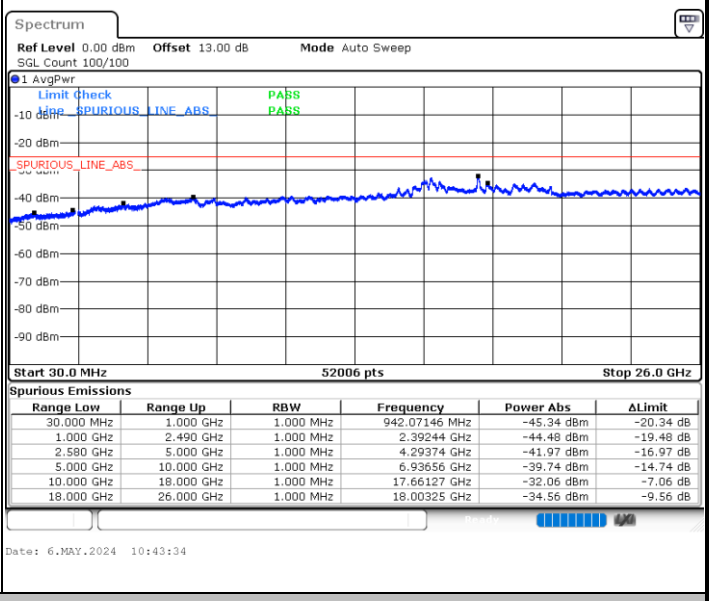
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.39244 GHz	-44.48 dBm	-19.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29374 GHz	-41.97 dBm	-16.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93656 GHz	-39.74 dBm	-14.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66127 GHz	-32.06 dBm	-7.06 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00325 GHz	-34.56 dBm	-9.56 dB

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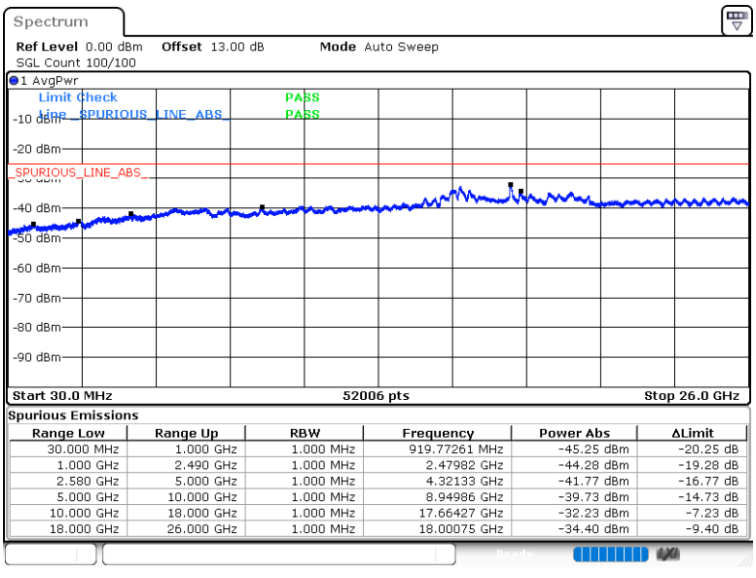
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-45.25 dBm	-20.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47982 GHz	-44.28 dBm	-19.28 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.32133 GHz	-41.77 dBm	-16.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	8.94986 GHz	-39.73 dBm	-14.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66427 GHz	-32.23 dBm	-7.23 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00075 GHz	-34.40 dBm	-9.40 dB

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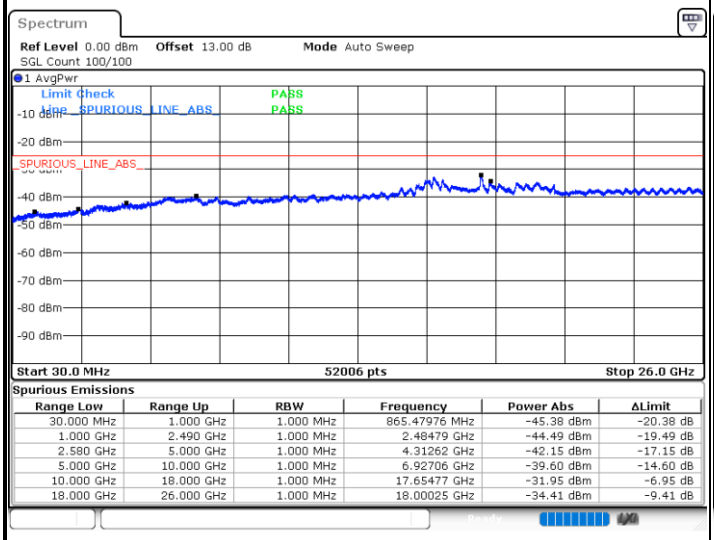
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.47976 MHz	-45.38 dBm	-20.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-44.49 dBm	-19.49 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31262 GHz	-42.15 dBm	-17.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92706 GHz	-39.60 dBm	-14.60 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65477 GHz	-31.95 dBm	-6.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00025 GHz	-34.41 dBm	-9.41 dB

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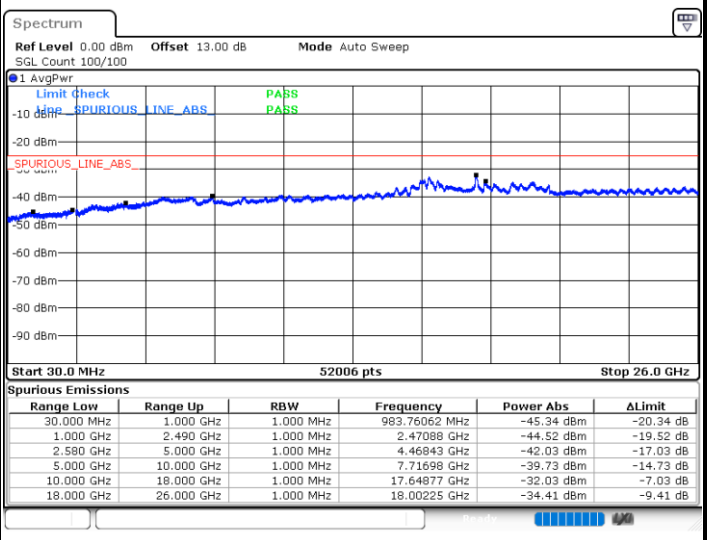
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-45.34 dBm	-20.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-44.52 dBm	-19.52 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.46843 GHz	-42.03 dBm	-17.03 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.71698 GHz	-39.73 dBm	-14.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.64877 GHz	-32.03 dBm	-7.03 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00225 GHz	-34.41 dBm	-9.41 dB

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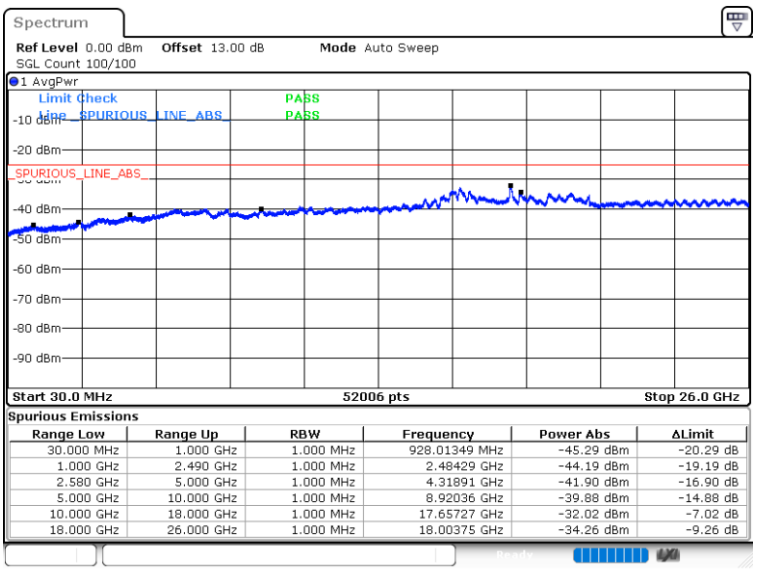
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-44.19 dBm	-19.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31891 GHz	-41.90 dBm	-16.90 dB
5.000 GHz	10.000 GHz	1.000 MHz	8.92036 GHz	-39.88 dBm	-14.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65727 GHz	-32.02 dBm	-7.02 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00375 GHz	-34.26 dBm	-9.26 dB

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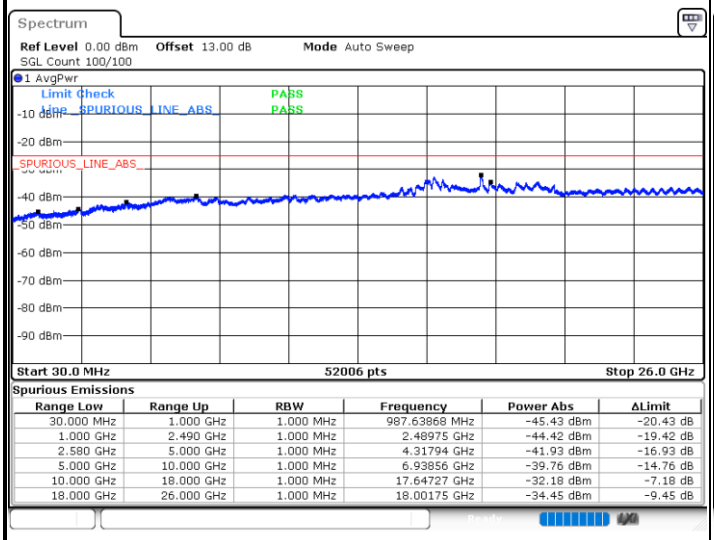
LTE Band 7 / 15MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-45.43 dBm	-20.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-44.42 dBm	-19.42 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31794 GHz	-41.93 dBm	-16.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93856 GHz	-39.76 dBm	-14.76 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.64727 GHz	-32.18 dBm	-7.18 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00175 GHz	-34.45 dBm	-9.45 dB

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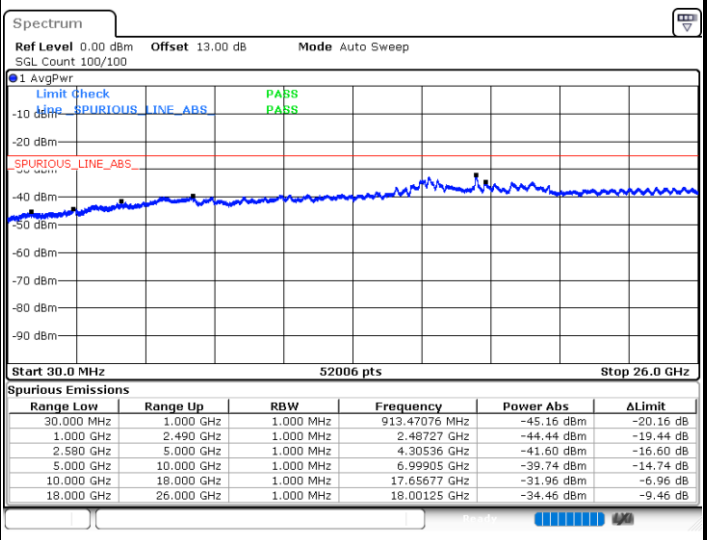
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.47076 MHz	-45.16 dBm	-20.16 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48727 GHz	-44.44 dBm	-19.44 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.30536 GHz	-41.60 dBm	-16.60 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-39.74 dBm	-14.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65677 GHz	-31.96 dBm	-6.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00125 GHz	-34.46 dBm	-9.46 dB

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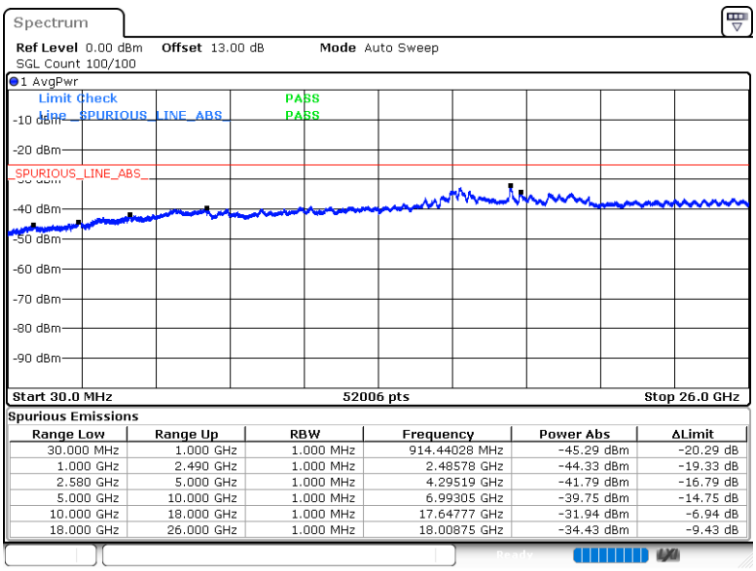
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-45.29 dBm	-20.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48578 GHz	-44.33 dBm	-19.33 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.29519 GHz	-41.79 dBm	-16.79 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99305 GHz	-39.75 dBm	-14.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.64777 GHz	-31.94 dBm	-6.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00875 GHz	-34.43 dBm	-9.43 dB

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