FCC RADIO TEST REPORT

FCC ID	:	A4RGWSQ2
Equipment	:	Wireless Device
Model Name	:	GWSQ2
Applicant	:	Google LLC 1600 Amphitheatre Parkway, Mountain View, California, 94043 USA
Standard	:	FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(S)

The product was received on Nov. 11, 2024 and testing was performed from Nov. 26, 2024 to Apr. 14, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI and has been in compliance with the applicable technical standards.

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

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
FG4D1913	01	Initial issue of report	Apr. 14, 2025
FG4D1913	02	Revise section 2.1 and appendix A This report is an updated version, replacing the report issued on Apr. 14, 2025.	Apr. 16, 2025
FG4D1913	03	Revise section 2.1 This report is an updated version, replacing the report issued on Apr. 16, 2025.	Apr. 17, 2025
FG4D1913	03	Revise section 1.1 and appendix B This report is an updated version, replacing the report issued on Apr. 17, 2025.	Apr. 24, 2025

Summary of Test Result

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

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.691	Frequency Stability Temperature & Voltage	Pass	-
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)	Pass	-
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7)		

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Yun Huang

Report Producer: Michelle Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs LTE/NTN, Bluetooth, BLE, BLE ASK, BLE GFSK, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC, UWB, 60GHz and GNSS **Antenna Type** WWAN: **<Ant. 0>:** PIFA Antenna **<Ant. 1>:** PIFA Antenna

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

EUT Information List	
S/N	**Performed Test Item**
51161WRCVL1254	Conducted Measurement ERP/EIRP
51151WRCVL11SA	Radiated Spurious Emission

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B17, B25, B26, B66, B71
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B17, B25, B26, B66, B71
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B12 cover B17 (Part 27) ■ B66 cover B4 (Part 27)

Power Class				
	PC3	PC2		
B2	V			
B4	V			
B5	V	-		
B7	V			
B12	V			
B13	V			
B17	V			
B25	V			
B26	V			
B66	V			
B71	V			

Antenna information							
Band	Ant0	Ant1				Main Ant. #	Sub Ant. #
B2	-8.6						
B4	-8.4						
B5		-8.0					
B7	-6.6						
B12		-6.1					
B13		-5.4					
B17		-6.1					
B25	-8.4						
B26		-8.3					
B66	-8.4						
B71		-5.0					

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	Chris Chiu	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (℃)	22.3~22.9	18.2~21.3
Relative Humidity (%)	53.2~55.5	49.6~68.4

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(S)
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

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

Band	Plane
B2	Y plane with Adapter
B4	X plane with Adapter
B5	X plane with Adapter
B7	Y plane with Adapter
B12	X plane with Adapter
B13	X plane with Adapter
B17	X plane with Adapter
B25	Y plane with Adapter
B26	X plane with Adapter
B66	Y plane with Adapter
B71	X plane with Adapter

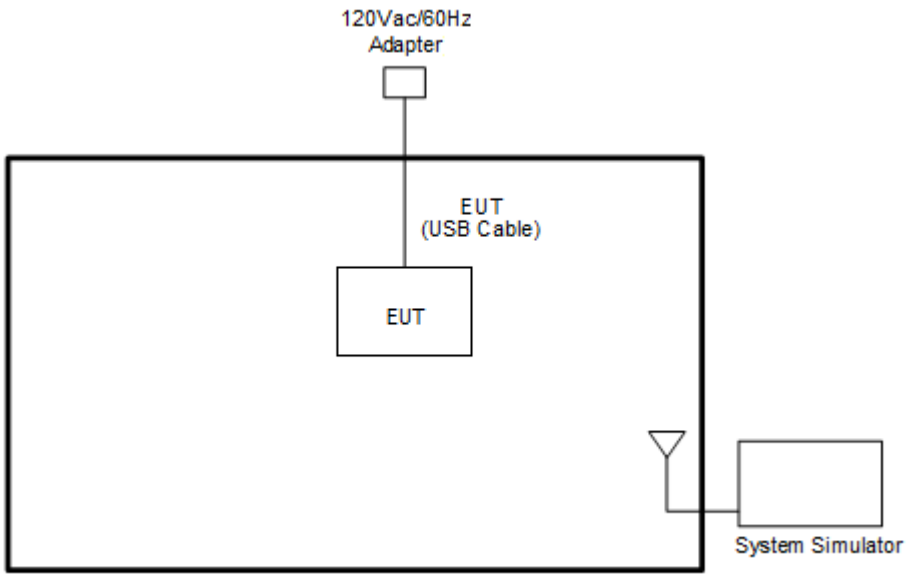
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM

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

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode) were verified. It is determined that the adapter mode is the worst case for the official test.
3. 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 maximum bandwidth 1RB0 QPSK emissions are reported when the tune up of all bandwidths is the same.
4. LTE Band 2/Band 4/Band 5/Band 17 radiated spurious emission test were covered by LTE Band 25/Band 66/Band 26/Band 12, respectively as LTE band 25/Band 66/Band 26/Band 12 have same tune up but EIRP Power result were higher than LTE Band 2/Band 4/Band 5/Band 17.
5. LTE Band26 transmit frequency for Part 22 rule is 824MHz-849MHz, for Part 90 rule is 814MHz-824MHz. Total ERP of 15MHz bandwidth across Part 22H and Part 90S complies the ERP limit line of Part 22 rule. Therefore, ERP of the partial frequency spectrum which falls within Part 22 also complies.
6. For Emission masks – In-band emission test, the single RB with the smallest BW will be the closest to the band edge limit, so only the smallest bandwidth of single RB is tested.
7. Simultaneous transmission between WWAN and WIFI, Bluetooth or UWB have been investigated and no significant emission was observed.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

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

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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

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

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

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

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

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

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

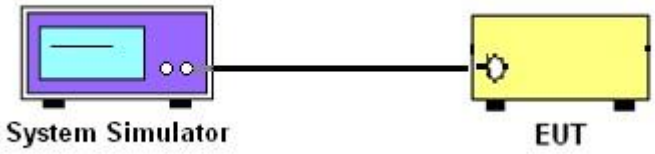
3 Conducted Test Items

3.1 Measuring Instruments

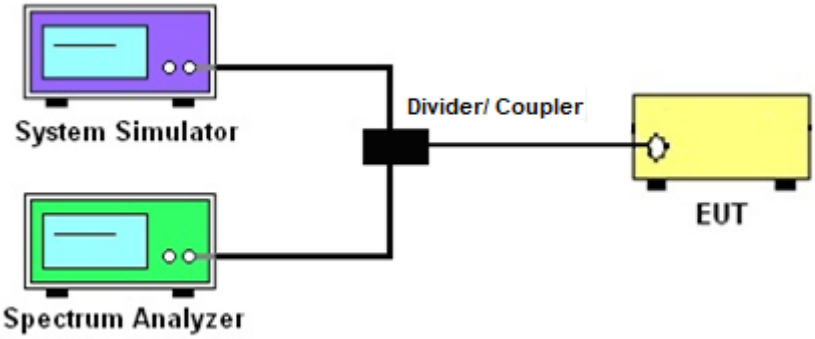
See list of measuring instruments of this test report.

3.1.1 Test Setup

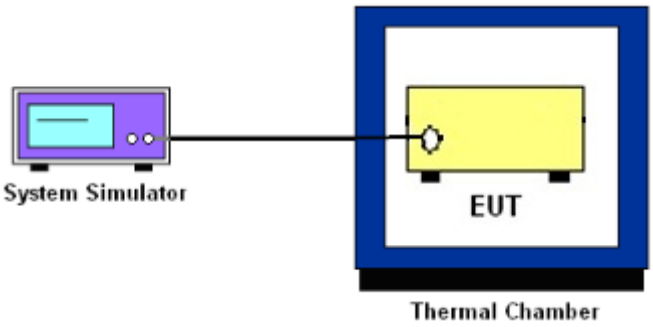
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

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

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

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + 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.

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.

3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 26

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

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

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 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 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 7

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 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 7

   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

24.235 , 27.54,

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

22.355

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

90.593

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

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 20±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.

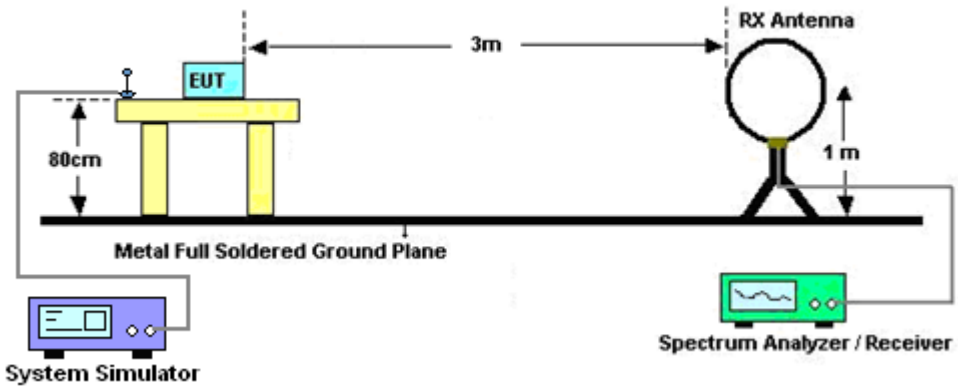
4 Radiated Test Items

4.1 Measuring Instruments

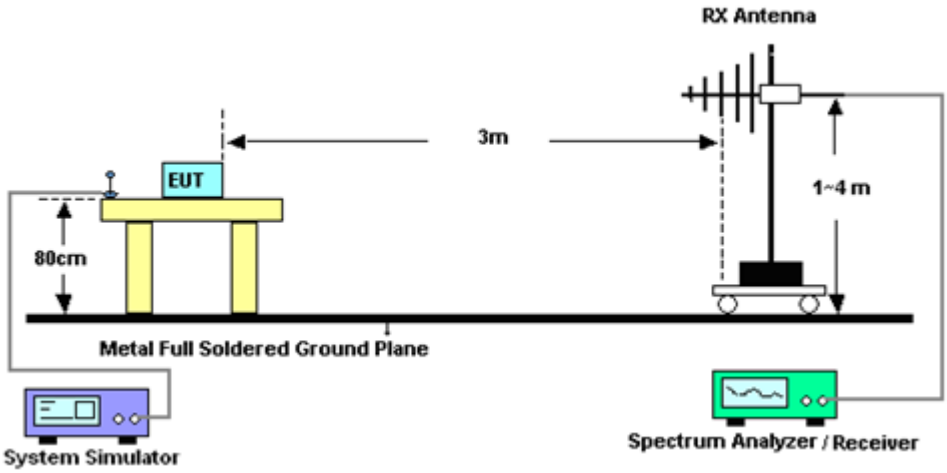
See list of measuring instruments of this test report.

4.1.1 Test Setup

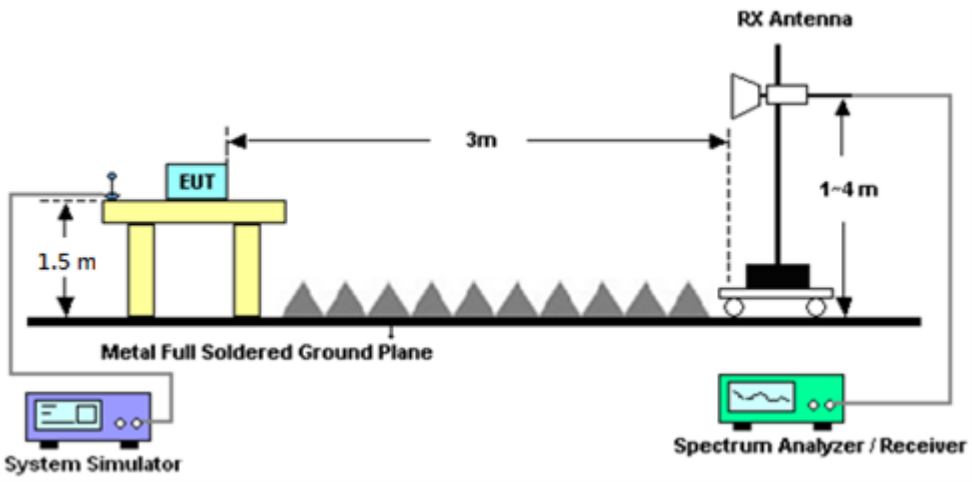
For radiated test below 30MHz



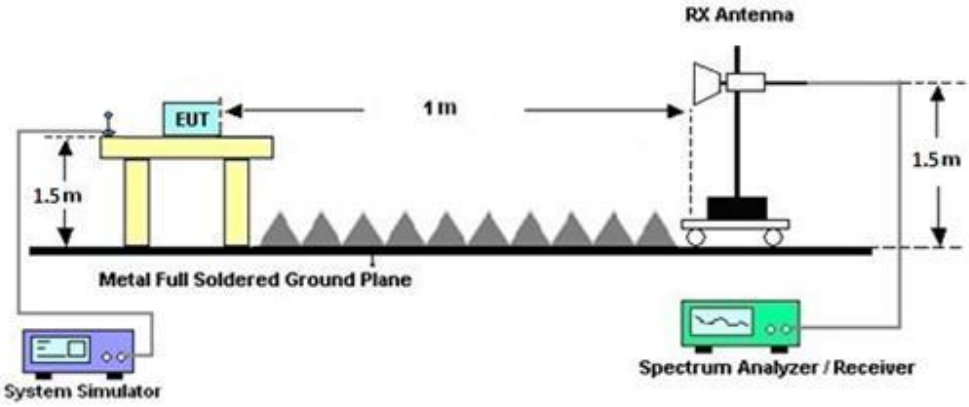
For radiated test from 30MHz to 1GHz



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

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.

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

4.2.2 Test Procedures

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

The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.

1. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
2. The table was rotated 360 degrees to determine the position of the highest spurious emission.
3. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
6. EIRP(dBm) = Level (dBuV/m) + 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	Feb. 19, 2025~ Feb. 26, 2025	Apr. 21, 2025	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgre n	3117	00075962	1GHz ~ 18GHz	Nov. 28, 2024	Feb. 19, 2025~ Feb. 26, 2025	Nov. 27, 2025	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 19, 2024	Feb. 19, 2025~ Feb. 26, 2025	Apr. 18, 2025	Radiation (03CH07-HY)
Preamplifier	COM-POWE R	PA-103A	161241	10MHz~1GHz	Oct. 01, 2024	Feb. 19, 2025~ Feb. 26, 2025	Sep. 30, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Feb. 19, 2025~ Feb. 26, 2025	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 05, 2024	Feb. 19, 2025~ Feb. 26, 2025	Aug. 04, 2025	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	Feb. 19, 2025~ Feb. 26, 2025	Mar. 25, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Feb. 19, 2025	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 20, 2025	Feb. 20, 2025~ Feb. 26, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 14, 2024	Feb. 19, 2025~ Feb. 26, 2025	Sep. 13, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Feb. 19, 2025	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 20, 2025	Feb. 20, 2025~ Feb. 26, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Feb. 19, 2025~ Feb. 26, 2025	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Feb. 19, 2025~ Feb. 26, 2025	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Feb. 19, 2025~ Feb. 26, 2025	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Feb. 19, 2025~ Feb. 26, 2025	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Feb. 19, 2025~ Feb. 26, 2025	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Feb. 19, 2025~ Feb. 26, 2025	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Feb. 19, 2025~ Feb. 26, 2025	Feb. 28, 2025	Radiation (03CH07-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Nov. 26, 2024~ Apr. 14, 2025	Sep. 01, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Nov. 26, 2024~ Apr. 14, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V；0A~6A	Nov. 28, 2023	Nov. 26, 2024~ Apr. 14, 2025	Nov. 27, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V；0A~6A	Nov. 27, 2024	Nov. 26, 2024~ Apr. 14, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Nov. 26, 2024~ Apr. 14, 2025	Jan. 01, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Nov. 26, 2024~ Apr. 14, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Nov. 26, 2024~ Apr. 14, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Nov. 26, 2024~ Apr. 14, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Nov. 26, 2024~ Apr. 14, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP210073	-10 ~ 50°C / 20 ~ 95%RH	Jun. 05, 2024	Nov. 26, 2024~ Apr. 14, 2025	Jun. 04, 2025	Conducted (TH03-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.2 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.6 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.3 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.03	23.23	23.09	14.63	0.0290
20	1	49		22.94	23.07	22.88		
20	1	99		22.89	22.94	23.00		
20	50	0		21.94	22.14	21.94		
20	50	24		21.98	22.07	21.97		
20	50	50		21.87	22.03	21.94		
20	100	0		21.96	22.06	21.97		
20	1	0	16-QAM	22.21	22.36	22.35	13.76	0.0238
20	1	49		22.19	22.30	22.26		
20	1	99		22.07	22.11	21.85		
20	50	0		20.93	21.15	20.94		
20	50	24		20.98	21.08	20.93		
20	50	50		20.89	21.05	20.93		
20	100	0		20.94	21.03	20.93		
20	1	0	64-QAM	21.20	21.34	21.20	12.74	0.0188
20	1	49		21.11	21.18	21.07		
20	1	99		21.05	21.05	20.96		
20	50	0		19.92	20.17	19.94		
20	50	24		19.95	20.02	19.92		
20	50	50		19.86	20.04	19.93		
20	100	0		19.92	20.05	19.94		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.09	23.21	23.13	14.61	0.0289
15	1	37		23.00	23.02	22.97		
15	1	74		22.89	23.00	22.81		
15	36	0		22.07	22.25	22.05		
15	36	20		21.97	22.15	22.01		
15	36	39		21.96	22.11	22.01		
15	75	0		21.95	22.11	21.96		
15	1	0	16-QAM	22.36	22.46	22.34	14.14	0.0259
15	1	37		22.74	22.23	22.11		
15	1	74		22.13	22.15	22.08		
15	36	0		21.03	21.21	21.05		
15	36	20		20.98	21.12	20.99		
15	36	39		20.96	21.07	21.00		
15	75	0		20.95	21.09	20.94		
15	1	0	64-QAM	21.29	21.54	21.33	12.94	0.0197
15	1	37		20.89	21.19	21.06		
15	1	74		21.10	21.25	21.05		
15	36	0		20.06	20.27	20.06		
15	36	20		20.02	20.19	19.97		
15	36	39		19.98	20.14	19.98		
15	75	0		19.90	20.09	19.94		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.97	23.16	23.01	14.56	0.0286
10	1	25		22.88	23.03	22.80		
10	1	49		22.83	22.83	22.88		
10	25	0		21.80	22.09	21.92		
10	25	12		21.87	22.01	21.88		
10	25	25		21.79	21.90	21.82		
10	50	0		21.86	22.03	21.84		
10	1	0	16-QAM	22.11	22.33	22.25	13.73	0.0236
10	1	25		22.10	22.29	22.17		
10	1	49		22.00	22.10	21.78		
10	25	0		20.83	21.02	20.84		
10	25	12		20.95	21.05	20.80		
10	25	25		20.77	20.91	20.90		
10	50	0		20.93	20.94	20.85		
10	1	0	64-QAM	21.11	21.24	21.11	12.64	0.0184
10	1	25		21.00	21.16	21.01		
10	1	49		21.00	20.98	20.84		
10	25	0		19.81	20.07	19.87		
10	25	12		19.92	19.95	19.78		
10	25	25		19.72	20.01	19.88		
10	50	0		19.90	20.00	19.85		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.17	23.19	23.13	14.59	0.0288
5	1	12		23.03	23.13	23.04		
5	1	24		23.07	23.07	23.16		
5	12	0		22.10	22.16	21.94		
5	12	7		22.07	22.12	21.89		
5	12	13		22.06	22.07	21.87		
5	25	0		22.10	22.15	21.95		
5	1	0	16-QAM	22.38	22.44	22.33	13.84	0.0242
5	1	12		22.28	22.33	22.14		
5	1	24		22.33	22.31	22.11		
5	12	0		21.11	21.17	20.96		
5	12	7		21.08	21.13	20.92		
5	12	13		21.08	21.10	20.89		
5	25	0		21.09	21.16	20.96		
5	1	0	64-QAM	21.36	21.41	21.26	12.81	0.0191
5	1	12		21.17	21.22	21.22		
5	1	24		21.25	21.22	21.12		
5	12	0		20.15	20.21	20.02		
5	12	7		20.12	20.18	20.01		
5	12	13		20.11	20.15	19.97		
5	25	0		20.08	20.17	19.96		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.13	23.11	22.94	14.54	0.0284
3	1	8		23.14	23.11	22.90		
3	1	14		23.03	23.02	22.87		
3	8	0		22.09	22.15	21.96		
3	8	4		22.04	22.14	21.94		
3	8	7		22.02	22.11	21.92		
3	15	0		22.08	22.12	21.91		
3	1	0	16-QAM	22.38	22.41	22.14	13.84	0.0242
3	1	8		22.40	22.44	22.24		
3	1	14		22.33	22.36	22.19		
3	8	0		21.12	21.17	20.97		
3	8	4		21.09	21.19	20.97		
3	8	7		21.04	21.14	20.90		
3	15	0		21.10	21.14	20.93		
3	1	0	64-QAM	21.26	21.29	21.08	12.69	0.0186
3	1	8		21.22	21.24	21.05		
3	1	14		21.15	21.19	20.98		
3	8	0		20.10	20.20	20.02		
3	8	4		20.09	20.19	19.98		
3	8	7		20.05	20.14	19.97		
3	15	0		20.03	20.14	19.93		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -8.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.02	23.03	22.69	14.60	0.0288
1.4	1	3		23.05	23.02	22.70		
1.4	1	5		22.98	23.04	22.69		
1.4	3	0		23.05	23.17	22.97		
1.4	3	1		23.10	23.15	22.97		
1.4	3	3		23.07	23.20	23.09		
1.4	6	0		22.04	22.09	21.87		
1.4	1	0	16-QAM	22.36	22.38	22.15	13.84	0.0242
1.4	1	3		22.39	22.44	22.30		
1.4	1	5		22.32	22.37	22.18		
1.4	3	0		22.06	22.10	21.81		
1.4	3	1		22.07	22.07	21.81		
1.4	3	3		22.02	22.07	21.81		
1.4	6	0		21.18	21.22	20.99		
1.4	1	0	64-QAM	21.21	21.24	20.99	12.67	0.0185
1.4	1	3		21.22	21.27	20.97		
1.4	1	5		21.15	21.23	20.96		
1.4	3	0		21.13	21.27	21.08		
1.4	3	1		21.17	21.26	21.11		
1.4	3	3		21.11	21.24	21.06		
1.4	6	0		20.02	20.10	19.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.44	23.49	23.46	15.09	0.0323
20	1	49		23.34	23.21	23.44		
20	1	99		23.02	22.83	23.09		
20	50	0		22.35	22.40	22.39		
20	50	24		22.32	22.28	22.36		
20	50	50		22.30	22.23	22.27		
20	100	0		22.30	22.38	22.32		
20	1	0	16-QAM	22.62	22.63	22.69	14.29	0.0269
20	1	49		22.41	22.44	22.45		
20	1	99		22.16	22.10	22.18		
20	50	0		21.41	21.34	21.40		
20	50	24		21.30	21.29	21.40		
20	50	50		21.31	21.23	21.27		
20	100	0		21.30	21.26	21.39		
20	1	0	64-QAM	21.62	21.70	21.66	13.30	0.0214
20	1	49		21.53	21.50	21.53		
20	1	99		21.28	21.15	21.26		
20	50	0		20.38	20.30	20.35		
20	50	24		20.29	20.25	20.34		
20	50	50		20.27	20.20	20.26		
20	100	0		20.27	20.27	20.40		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.09	23.20	23.15	15.02	0.0318
15	1	37		23.29	23.42	23.16		
15	1	74		23.37	23.27	23.25		
15	36	0		22.36	22.34	22.41		
15	36	20		22.34	22.36	22.41		
15	36	39		22.35	22.37	22.40		
15	75	0		22.29	22.34	22.39		
15	1	0	16-QAM	22.34	22.41	22.44	14.22	0.0264
15	1	37		22.52	22.48	22.35		
15	1	74		22.62	22.44	22.52		
15	36	0		21.35	21.32	21.42		
15	36	20		21.33	21.34	21.41		
15	36	39		21.35	21.30	21.39		
15	75	0		21.30	21.31	21.39		
15	1	0	64-QAM	21.33	21.38	21.39	13.22	0.0210
15	1	37		21.44	21.08	21.43		
15	1	74		21.62	21.49	21.54		
15	36	0		20.32	20.31	20.38		
15	36	20		20.36	20.42	20.40		
15	36	39		20.35	20.38	20.37		
15	75	0		20.29	20.34	20.40		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.05	23.29	23.13	14.89	0.0308
10	1	25		23.00	23.07	22.95		
10	1	49		23.00	23.09	23.09		
10	25	0		22.04	21.97	22.09		
10	25	12		22.07	22.03	22.08		
10	25	25		21.99	21.91	22.06		
10	50	0		22.06	22.00	22.05		
10	1	0	16-QAM	22.27	22.36	22.28	13.96	0.0249
10	1	25		22.21	22.13	22.11		
10	1	49		22.28	22.25	22.24		
10	25	0		21.04	20.98	21.06		
10	25	12		21.08	21.01	21.11		
10	25	25		20.99	20.91	21.08		
10	50	0		21.04	21.01	21.09		
10	1	0	64-QAM	21.24	21.30	21.23	12.90	0.0195
10	1	25		21.13	21.07	21.04		
10	1	49		21.19	21.18	21.18		
10	25	0		20.03	19.99	20.03		
10	25	12		20.08	20.04	20.10		
10	25	25		19.99	19.96	20.08		
10	50	0		20.08	20.02	20.06		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.17	23.05	23.13	14.77	0.0300
5	1	12		23.03	22.92	23.14		
5	1	24		23.03	22.92	23.07		
5	12	0		22.02	22.02	22.05		
5	12	7		22.00	21.97	22.02		
5	12	13		21.98	21.92	22.02		
5	25	0		22.01	22.00	22.07		
5	1	0	16-QAM	22.37	22.31	22.29	13.97	0.0249
5	1	12		22.25	22.19	22.18		
5	1	24		22.30	22.13	22.31		
5	12	0		21.03	21.06	21.12		
5	12	7		21.04	21.02	21.06		
5	12	13		20.97	20.98	21.06		
5	25	0		20.99	21.04	21.10		
5	1	0	64-QAM	21.25	21.26	21.17	12.86	0.0193
5	1	12		21.19	21.10	21.06		
5	1	24		21.12	21.08	21.15		
5	12	0		20.09	20.08	20.17		
5	12	7		20.06	20.03	20.12		
5	12	13		20.00	19.98	20.08		
5	25	0		20.00	20.04	20.15		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.99	22.99	23.10	14.70	0.0295
3	1	8		22.96	22.98	23.06		
3	1	14		22.91	22.89	22.97		
3	8	0		22.01	22.02	22.10		
3	8	4		22.02	22.01	22.10		
3	8	7		21.99	21.99	22.07		
3	15	0		21.98	21.98	22.09		
3	1	0	16-QAM	22.29	22.26	22.37	13.97	0.0249
3	1	8		22.24	22.25	22.37		
3	1	14		22.20	22.19	22.31		
3	8	0		21.04	21.05	21.09		
3	8	4		21.05	21.03	21.13		
3	8	7		21.01	20.98	21.09		
3	15	0		21.01	21.04	21.09		
3	1	0	64-QAM	21.21	21.15	21.22	12.83	0.0192
3	1	8		21.17	21.16	21.23		
3	1	14		21.12	21.06	21.21		
3	8	0		20.08	20.07	20.12		
3	8	4		20.04	20.07	20.12		
3	8	7		20.00	20.01	20.10		
3	15	0		19.99	20.00	20.05		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.88	22.96	22.93	14.80	0.0302
1.4	1	3		22.89	22.97	22.97		
1.4	1	5		22.90	22.92	22.92		
1.4	3	0		23.04	22.96	23.07		
1.4	3	1		23.05	23.01	23.06		
1.4	3	3		23.00	22.98	23.20		
1.4	6	0		21.93	21.98	22.04		
1.4	1	0	16-QAM	22.24	22.26	22.34	14.01	0.0252
1.4	1	3		22.26	22.38	22.41		
1.4	1	5		22.19	22.29	22.32		
1.4	3	0		21.98	21.99	22.01		
1.4	3	1		22.02	21.99	21.99		
1.4	3	3		21.96	21.96	21.99		
1.4	6	0		21.03	21.12	21.15		
1.4	1	0	64-QAM	21.12	21.11	21.22	12.84	0.0192
1.4	1	3		21.15	21.13	21.24		
1.4	1	5		21.11	21.09	21.17		
1.4	3	0		21.10	21.06	21.18		
1.4	3	1		21.14	21.12	21.24		
1.4	3	3		21.09	21.06	21.18		
1.4	6	0		19.95	19.97	20.03		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.45	23.56	23.35	15.16	0.0328
20	1	49		23.55	23.49	23.24		
20	1	99		23.29	23.22	23.00		
20	50	0		22.42	22.45	22.33		
20	50	24		22.38	22.39	22.21		
20	50	50		22.41	22.30	22.19		
20	100	0		22.38	22.43	22.18		
20	1	0	16-QAM	22.68	22.56	22.52	14.28	0.0268
20	1	49		22.54	22.52	22.58		
20	1	99		22.36	22.47	22.22		
20	50	0		21.45	21.32	21.30		
20	50	24		21.45	21.38	21.20		
20	50	50		21.44	21.30	21.13		
20	100	0		21.40	21.29	21.21		
20	1	0	64-QAM	21.67	21.58	21.48	13.27	0.0212
20	1	49		21.62	21.62	21.40		
20	1	99		21.39	21.40	21.12		
20	50	0		20.36	20.30	20.28		
20	50	24		20.41	20.36	20.22		
20	50	50		20.43	20.31	20.14		
20	100	0		20.37	20.24	20.18		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.42	23.28	23.41	15.06	0.0321
15	1	37		23.41	23.12	23.46		
15	1	74		23.35	23.33	23.17		
15	36	0		22.47	22.33	22.19		
15	36	20		22.44	22.34	22.22		
15	36	39		22.44	22.35	22.17		
15	75	0		22.40	22.31	22.19		
15	1	0	16-QAM	22.68	22.41	22.62	14.28	0.0268
15	1	37		22.64	22.37	22.57		
15	1	74		22.62	22.57	22.44		
15	36	0		21.44	21.29	21.20		
15	36	20		21.43	21.30	21.21		
15	36	39		21.42	21.30	21.16		
15	75	0		21.39	21.26	21.12		
15	1	0	64-QAM	21.64	21.53	21.54	13.26	0.0212
15	1	37		21.66	21.62	21.40		
15	1	74		21.59	21.53	21.34		
15	36	0		20.42	20.30	20.20		
15	36	20		20.40	20.33	20.22		
15	36	39		20.42	20.31	20.14		
15	75	0		20.37	20.31	20.14		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.35	23.11	23.26	14.95	0.0313
10	1	25		23.30	23.02	23.20		
10	1	49		23.35	23.16	23.16		
10	25	0		22.21	22.11	22.11		
10	25	12		22.27	22.22	22.21		
10	25	25		22.16	22.14	22.13		
10	50	0		22.28	22.06	22.18		
10	1	0	16-QAM	22.51	22.29	22.59	14.19	0.0262
10	1	25		22.43	22.20	22.48		
10	1	49		22.34	22.35	22.34		
10	25	0		21.26	21.12	21.17		
10	25	12		21.31	21.21	21.23		
10	25	25		21.17	21.19	21.12		
10	50	0		21.26	21.05	21.16		
10	1	0	64-QAM	21.42	21.29	21.38	13.02	0.0200
10	1	25		21.36	21.14	21.28		
10	1	49		21.34	21.27	21.24		
10	25	0		20.23	20.10	20.12		
10	25	12		20.28	20.23	20.21		
10	25	25		20.18	20.16	20.14		
10	50	0		20.23	20.05	20.17		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.26	23.19	23.29	14.89	0.0308
5	1	12		23.21	23.11	23.11		
5	1	24		23.20	23.15	23.00		
5	12	0		22.28	22.16	22.22		
5	12	7		22.25	22.10	22.18		
5	12	13		22.21	22.09	22.08		
5	25	0		22.27	22.09	22.20		
5	1	0	16-QAM	22.56	22.45	22.55	14.16	0.0261
5	1	12		22.47	22.24	22.39		
5	1	24		22.45	22.37	22.32		
5	12	0		21.30	21.22	21.21		
5	12	7		21.26	21.10	21.19		
5	12	13		21.23	21.12	21.10		
5	25	0		21.25	21.10	21.17		
5	1	0	64-QAM	21.48	21.34	21.51	13.11	0.0205
5	1	12		21.33	21.16	21.25		
5	1	24		21.34	21.24	21.24		
5	12	0		20.32	20.20	20.23		
5	12	7		20.25	20.15	20.23		
5	12	13		20.24	20.15	20.08		
5	25	0		20.25	20.10	20.18		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.30	23.14	23.14	14.91	0.0310
3	1	8		23.31	23.07	23.06		
3	1	14		23.22	23.04	22.98		
3	8	0		22.28	22.20	22.20		
3	8	4		22.28	22.12	22.11		
3	8	7		22.20	22.12	22.07		
3	15	0		22.24	22.06	22.05		
3	1	0	16-QAM	22.64	22.47	22.46	14.24	0.0265
3	1	8		22.62	22.43	22.42		
3	1	14		22.53	22.36	22.33		
3	8	0		21.25	21.20	21.22		
3	8	4		21.28	21.11	21.16		
3	8	7		21.27	21.10	21.12		
3	15	0		21.27	21.10	21.09		
3	1	0	64-QAM	21.40	21.26	21.37	13.00	0.0200
3	1	8		21.38	21.23	21.24		
3	1	14		21.34	21.19	21.20		
3	8	0		20.25	20.22	20.23		
3	8	4		20.28	20.13	20.15		
3	8	7		20.25	20.12	20.13		
3	15	0		20.20	20.08	20.11		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.16	23.05	23.06	14.88	0.0308
1.4	1	3		23.21	22.98	23.10		
1.4	1	5		23.16	22.94	23.05		
1.4	3	0		23.27	23.19	23.12		
1.4	3	1		23.27	23.22	23.12		
1.4	3	3		23.28	23.18	23.25		
1.4	6	0		22.19	22.04	22.17		
1.4	1	0	16-QAM	22.43	22.45	22.48	14.13	0.0259
1.4	1	3		22.52	22.46	22.53		
1.4	1	5		22.46	22.33	22.42		
1.4	3	0		22.16	22.11	22.20		
1.4	3	1		22.22	22.10	22.20		
1.4	3	3		22.18	22.08	22.15		
1.4	6	0		21.29	21.24	21.23		
1.4	1	0	64-QAM	21.29	21.33	21.29	13.06	0.0202
1.4	1	3		21.35	21.28	21.25		
1.4	1	5		21.31	21.24	21.26		
1.4	3	0		21.33	21.42	21.20		
1.4	3	1		21.36	21.46	21.22		
1.4	3	3		21.29	21.30	21.18		
1.4	6	0		20.16	20.13	20.06		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.83	22.89	22.80	12.74	0.0188
10	1	25		22.68	22.74	22.64		
10	1	49		22.66	22.84	22.76		
10	25	0		21.40	21.50	21.38		
10	25	12		21.39	21.38	21.36		
10	25	25		21.25	21.40	21.37		
10	50	0		21.40	21.46	21.44		
10	1	0	16-QAM	21.43	21.47	21.51	11.53	0.0142
10	1	25		21.39	21.38	21.43		
10	1	49		21.68	21.68	21.63		
10	25	0		20.28	20.37	20.39		
10	25	12		20.39	20.40	20.37		
10	25	25		20.41	20.38	20.49		
10	50	0		20.45	20.44	20.52		
10	1	0	64-QAM	20.54	20.48	20.66	10.73	0.0118
10	1	25		20.52	20.57	20.52		
10	1	49		20.74	20.78	20.88		
10	25	0		19.27	19.37	19.38		
10	25	12		19.40	19.41	19.37		
10	25	25		19.42	19.42	19.50		
10	50	0		19.39	19.42	19.51		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.33	22.29	22.36	12.40	0.0174
5	1	12		22.38	22.52	22.55		
5	1	24		22.35	22.31	22.40		
5	12	0		21.30	21.27	21.31		
5	12	7		21.24	21.36	21.42		
5	12	13		21.24	21.29	21.36		
5	25	0		21.24	21.36	21.41		
5	1	0	16-QAM	21.52	21.61	21.56	11.56	0.0143
5	1	12		21.35	21.48	21.48		
5	1	24		21.56	21.52	21.71		
5	12	0		20.33	20.31	20.34		
5	12	7		20.27	20.34	20.42		
5	12	13		20.30	20.34	20.40		
5	25	0		20.25	20.35	20.41		
5	1	0	64-QAM	20.46	20.49	20.51	10.36	0.0109
5	1	12		20.30	20.40	20.48		
5	1	24		20.45	20.42	20.43		
5	12	0		19.38	19.35	19.38		
5	12	7		19.32	19.43	19.50		
5	12	13		19.33	19.39	19.48		
5	25	0		19.27	19.38	19.42		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.24	22.27	22.49	12.45	0.0176
3	1	8		22.27	22.30	22.60		
3	1	14		22.18	22.27	22.38		
3	8	0		21.27	21.27	21.40		
3	8	4		21.32	21.34	21.35		
3	8	7		21.33	21.33	21.34		
3	15	0		21.26	21.29	21.36		
3	1	0	16-QAM	21.47	21.52	21.57	11.43	0.0139
3	1	8		21.55	21.57	21.58		
3	1	14		21.50	21.53	21.46		
3	8	0		20.27	20.32	20.40		
3	8	4		20.33	20.38	20.42		
3	8	7		20.33	20.29	20.31		
3	15	0		20.28	20.31	20.43		
3	1	0	64-QAM	20.31	20.33	20.50	10.39	0.0109
3	1	8		20.39	20.40	20.54		
3	1	14		20.33	20.40	20.44		
3	8	0		19.31	19.34	19.45		
3	8	4		19.39	19.40	19.44		
3	8	7		19.35	19.39	19.38		
3	15	0		19.30	19.31	19.36		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.04	22.10	22.12	12.46	0.0176
1.4	1	3		22.05	22.14	22.14		
1.4	1	5		22.05	22.05	22.07		
1.4	3	0		22.31	22.33	22.42		
1.4	3	1		22.29	22.36	22.43		
1.4	3	3		22.47	22.50	22.61		
1.4	6	0		21.17	21.25	21.29		
1.4	1	0	16-QAM	21.46	21.45	21.53	11.57	0.0144
1.4	1	3		21.61	21.56	21.72		
1.4	1	5		21.44	21.52	21.47		
1.4	3	0		21.16	21.20	21.26		
1.4	3	1		21.14	21.16	21.21		
1.4	3	3		21.19	21.19	21.23		
1.4	6	0		20.31	20.40	20.47		
1.4	1	0	64-QAM	20.29	20.33	20.44	10.42	0.0110
1.4	1	3		20.33	20.37	20.43		
1.4	1	5		20.29	20.38	20.39		
1.4	3	0		20.39	20.43	20.53		
1.4	3	1		20.45	20.48	20.57		
1.4	3	3		20.42	20.44	20.53		
1.4	6	0		19.18	19.26	19.29		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.05	23.11	22.61	16.51	0.0448
20	1	49		22.93	22.90	22.59		
20	1	99		22.92	22.38	22.37		
20	50	0		21.99	22.11	21.57		
20	50	24		21.95	21.89	21.64		
20	50	50		21.93	21.85	21.60		
20	100	0		21.78	21.84	21.54		
20	1	0	16-QAM	21.79	21.86	21.65	15.63	0.0366
20	1	49		22.23	21.72	21.88		
20	1	99		21.98	21.37	21.66		
20	50	0		21.01	20.78	20.60		
20	50	24		21.14	20.78	20.63		
20	50	50		21.10	20.62	20.55		
20	100	0		21.00	20.67	20.50		
20	1	0	64-QAM	20.80	21.06	20.72	14.68	0.0294
20	1	49		21.28	20.91	20.71		
20	1	99		20.92	20.36	20.54		
20	50	0		19.95	19.80	19.55		
20	50	24		20.11	19.79	19.60		
20	50	50		20.07	19.64	19.56		
20	100	0		19.97	19.63	19.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.51	22.65	22.48	16.14	0.0411
15	1	37		22.74	22.42	22.60		
15	1	74		22.58	22.15	22.24		
15	36	0		21.93	21.74	21.55		
15	36	20		22.12	21.74	21.72		
15	36	39		22.16	21.62	21.63		
15	75	0		22.03	21.69	21.67		
15	1	0	16-QAM	21.58	21.95	21.72	15.50	0.0355
15	1	37		22.10	21.80	22.00		
15	1	74		21.88	21.35	21.49		
15	36	0		20.91	20.80	20.55		
15	36	20		21.07	20.77	20.73		
15	36	39		21.11	20.64	20.65		
15	75	0		21.04	20.72	20.68		
15	1	0	64-QAM	20.70	20.86	20.68	14.53	0.0284
15	1	37		21.13	20.97	20.91		
15	1	74		20.98	20.28	20.41		
15	36	0		19.88	19.80	19.53		
15	36	20		20.07	19.78	19.69		
15	36	39		20.11	19.66	19.65		
15	75	0		20.00	19.72	19.67		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.45	22.64	22.32	16.37	0.0434
10	1	25		22.97	22.78	22.35		
10	1	49		22.57	22.57	22.11		
10	25	0		21.44	21.58	21.47		
10	25	12		21.66	21.54	21.56		
10	25	25		21.72	21.53	21.53		
10	50	0		21.62	21.56	21.54		
10	1	0	16-QAM	21.43	21.73	21.72	15.44	0.0350
10	1	25		21.63	21.60	21.90		
10	1	49		22.04	21.74	21.42		
10	25	0		20.49	20.60	20.49		
10	25	12		20.62	20.57	20.53		
10	25	25		20.67	20.48	20.53		
10	50	0		20.60	20.58	20.51		
10	1	0	64-QAM	20.39	20.83	20.58	14.34	0.0272
10	1	25		20.76	20.72	20.64		
10	1	49		20.94	20.80	20.43		
10	25	0		19.35	19.61	19.47		
10	25	12		19.53	19.60	19.53		
10	25	25		19.57	19.54	19.59		
10	50	0		19.52	19.59	19.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.30	22.74	22.38	16.15	0.0412
5	1	12		22.54	22.67	22.31		
5	1	24		22.75	22.62	22.21		
5	12	0		21.38	21.51	21.59		
5	12	7		21.47	21.49	21.58		
5	12	13		21.55	21.47	21.55		
5	25	0		21.48	21.54	21.61		
5	1	0	16-QAM	21.54	21.87	21.89	15.29	0.0338
5	1	12		21.70	21.70	21.89		
5	1	24		21.81	21.70	21.57		
5	12	0		20.37	20.53	20.60		
5	12	7		20.48	20.54	20.61		
5	12	13		20.54	20.52	20.62		
5	25	0		20.37	20.57	20.56		
5	1	0	64-QAM	20.51	20.92	20.75	14.32	0.0270
5	1	12		20.79	20.71	20.68		
5	1	24		20.70	20.76	20.60		
5	12	0		19.32	19.60	19.62		
5	12	7		19.44	19.63	19.63		
5	12	13		19.47	19.58	19.62		
5	25	0		19.39	19.56	19.60		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.51	23.18	23.26	15.26	0.0336
10	1	25		23.46	23.16	23.22		
10	1	49		22.93	22.84	22.83		
10	25	0		22.38	22.32	22.34		
10	25	12		22.25	22.18	22.29		
10	25	25		22.17	22.13	22.29		
10	50	0		22.30	22.19	22.25		
10	1	0	16-QAM	22.28	22.32	22.32	14.23	0.0265
10	1	25		22.19	22.42	22.48		
10	1	49		22.15	22.04	22.02		
10	25	0		21.28	21.18	21.27		
10	25	12		21.22	21.26	21.41		
10	25	25		21.24	21.32	21.28		
10	50	0		21.32	21.22	21.38		
10	1	0	64-QAM	21.45	21.29	21.35	13.22	0.0210
10	1	25		21.47	21.34	21.44		
10	1	49		21.06	21.02	20.94		
10	25	0		20.25	20.15	20.25		
10	25	12		20.29	20.26	20.37		
10	25	25		20.25	20.31	20.27		
10	50	0		20.24	20.22	20.34		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.50	23.25	23.32	15.25	0.0335
5	1	12		23.44	23.22	23.44		
5	1	24		23.49	23.30	23.27		
5	12	0		22.21	22.21	22.33		
5	12	7		22.29	22.29	22.30		
5	12	13		22.25	22.37	22.26		
5	25	0		22.30	22.20	22.31		
5	1	0	16-QAM	22.45	22.49	22.53	14.39	0.0275
5	1	12		22.42	22.49	22.32		
5	1	24		22.43	22.55	22.64		
5	12	0		21.26	21.26	21.38		
5	12	7		21.37	21.32	21.34		
5	12	13		21.27	21.37	21.36		
5	25	0		21.37	21.27	21.29		
5	1	0	64-QAM	21.49	21.41	21.57	13.34	0.0216
5	1	12		21.59	21.38	21.32		
5	1	24		21.56	21.49	21.42		
5	12	0		20.31	20.28	20.43		
5	12	7		20.41	20.37	20.38		
5	12	13		20.37	20.42	20.41		
5	25	0		20.37	20.26	20.30		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.34	23.20	23.27	15.16	0.0328
3	1	8		23.41	23.26	23.28		
3	1	14		23.37	23.26	23.23		
3	8	0		22.31	22.22	22.30		
3	8	4		22.24	22.29	22.32		
3	8	7		22.30	22.28	22.29		
3	15	0		22.23	22.32	22.33		
3	1	0	16-QAM	22.47	22.46	22.54	14.55	0.0285
3	1	8		22.42	22.58	22.80		
3	1	14		22.36	22.57	22.57		
3	8	0		21.28	21.28	21.33		
3	8	4		21.34	21.34	21.33		
3	8	7		21.37	21.36	21.31		
3	15	0		21.35	21.31	21.35		
3	1	0	64-QAM	21.42	21.35	21.39	13.30	0.0214
3	1	8		21.55	21.43	21.42		
3	1	14		21.42	21.51	21.28		
3	8	0		20.34	20.30	20.37		
3	8	4		20.34	20.33	20.37		
3	8	7		20.39	20.34	20.35		
3	15	0		20.28	20.30	20.35		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.03	23.10	22.75	15.08	0.0322
1.4	1	3		23.15	23.17	22.87		
1.4	1	5		23.14	23.15	22.74		
1.4	3	0		23.06	23.27	22.74		
1.4	3	1		23.05	23.26	22.76		
1.4	3	3		23.08	23.33	22.71		
1.4	6	0		22.01	22.22	21.73		
1.4	1	0	16-QAM	22.38	22.39	21.91	14.33	0.0271
1.4	1	3		22.29	22.58	22.10		
1.4	1	5		22.24	22.50	21.90		
1.4	3	0		22.03	22.24	21.70		
1.4	3	1		22.04	22.22	21.77		
1.4	3	3		22.05	22.22	21.76		
1.4	6	0		21.29	21.32	20.77		
1.4	1	0	64-QAM	21.16	21.29	20.88	13.17	0.0207
1.4	1	3		21.28	21.41	20.91		
1.4	1	5		21.21	21.37	20.88		
1.4	3	0		21.15	21.42	20.84		
1.4	3	1		21.15	21.42	20.86		
1.4	3	3		21.19	21.41	20.81		
1.4	6	0		20.02	20.20	19.79		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.65	-	16.10	0.0407
10	1	25			23.44			
10	1	49			23.40			
10	25	0			22.32			
10	25	12			22.24			
10	25	25			22.27			
10	50	0			22.37			
10	1	0	16-QAM		22.53		14.98	0.0315
10	1	25			22.40			
10	1	49			22.48			
10	25	0			21.42			
10	25	12			21.28			
10	25	25			21.28			
10	50	0			21.43			
10	1	0	64-QAM		21.69		14.14	0.0259
10	1	25			21.46			
10	1	49			21.59			
10	25	0			20.39			
10	25	12			20.27			
10	25	25			20.24			
10	50	0			20.42			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.33	23.30	23.13	15.82	0.0382
5	1	12		23.37	23.19	23.33		
5	1	24		23.30	23.31	23.30		
5	12	0		22.23	22.27	22.28		
5	12	7		22.28	22.26	22.31		
5	12	13		22.28	22.23	22.27		
5	25	0		22.31	22.30	22.29		
5	1	0	16-QAM	22.48	22.53	22.44	15.02	0.0318
5	1	12		22.55	22.37	22.46		
5	1	24		22.53	22.57	22.54		
5	12	0		21.31	21.31	21.29		
5	12	7		21.36	21.33	21.31		
5	12	13		21.32	21.26	21.34		
5	25	0		21.40	21.28	21.29		
5	1	0	64-QAM	21.49	21.52	21.37	14.07	0.0255
5	1	12		21.62	21.34	21.41		
5	1	24		21.40	21.46	21.39		
5	12	0		20.36	20.33	20.32		
5	12	7		20.38	20.34	20.35		
5	12	13		20.36	20.28	20.33		
5	25	0		20.35	20.25	20.27		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.41	23.47	23.32	15.22	0.0333
10	1	25		23.08	23.13	23.21		
10	1	49		23.35	23.40	23.46		
10	25	0		22.01	22.05	21.97		
10	25	12		21.98	22.02	21.99		
10	25	25		22.04	22.00	22.03		
10	50	0		22.00	22.10	22.05		
10	1	0	16-QAM	22.23	22.30	22.30	14.05	0.0254
10	1	25		22.18	22.19	22.18		
10	1	49		22.15	22.14	22.18		
10	25	0		21.03	21.05	21.04		
10	25	12		21.04	21.12	21.09		
10	25	25		21.11	21.08	21.10		
10	50	0		21.04	21.05	21.15		
10	1	0	64-QAM	21.45	21.38	21.33	13.20	0.0209
10	1	25		21.21	21.15	21.24		
10	1	49		21.38	21.40	21.39		
10	25	0		20.04	20.04	20.02		
10	25	12		20.04	20.11	20.02		
10	25	25		20.12	20.05	20.08		
10	50	0		20.01	20.02	20.15		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.19	23.00	22.68	14.96	0.0313
5	1	12		23.09	22.98	22.73		
5	1	24		23.04	23.21	22.86		
5	12	0		22.03	21.93	21.55		
5	12	7		22.00	21.99	21.53		
5	12	13		21.96	21.98	21.55		
5	25	0		22.02	21.99	21.59		
5	1	0	16-QAM	22.07	22.19	21.89	14.02	0.0252
5	1	12		22.24	22.22	21.78		
5	1	24		22.27	22.25	21.89		
5	12	0		21.04	21.00	20.59		
5	12	7		21.04	21.04	20.57		
5	12	13		20.98	21.02	20.57		
5	25	0		21.01	21.10	20.66		
5	1	0	64-QAM	21.21	21.10	20.80	13.00	0.0200
5	1	12		21.20	21.18	20.88		
5	1	24		21.21	21.25	20.86		
5	12	0		20.11	20.07	19.68		
5	12	7		20.07	20.06	19.62		
5	12	13		20.05	20.07	19.64		
5	25	0		20.04	20.04	19.66		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.21	23.23	22.99	12.78	0.0190
15	1	37		23.07	23.12	22.80		
15	1	74		22.93	22.99	22.85		
15	36	0		22.18	22.23	22.04		
15	36	20		21.96	22.18	21.92		
15	36	39		21.73	21.90	21.76		
15	75	0		22.03	21.78	21.93		
15	1	0	16-QAM	22.19	22.17	22.12	12.16	0.0164
15	1	37		22.17	22.08	22.05		
15	1	74		22.24	22.61	22.25		
15	36	0		21.18	21.12	21.03		
15	36	20		20.94	21.10	20.89		
15	36	39		20.70	20.76	20.75		
15	75	0		20.89	20.93	20.92		
15	1	0	64-QAM	21.19	20.97	21.05	11.00	0.0126
15	1	37		21.18	21.15	21.05		
15	1	74		21.14	21.45	21.26		
15	36	0		20.19	20.32	20.01		
15	36	20		19.97	19.82	19.91		
15	36	39		19.72	19.78	19.73		
15	75	0		19.92	19.89	19.92		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	22.93	23.25	23.16	12.80	0.0191
10	1	25		22.91	23.07	23.14		
10	1	49		23.03	23.13	23.06		
10	25	0		22.11	22.22	22.23		
10	25	12		22.11	22.17	22.25		
10	25	25		22.26	22.09	22.28		
10	50	0		22.11	22.25	22.24		
10	1	0	16-QAM	22.41	22.37	22.45	12.07	0.0161
10	1	25		22.15	22.27	22.40		
10	1	49		22.33	22.50	22.52		
10	25	0		21.08	21.18	21.23		
10	25	12		21.00	21.13	21.26		
10	25	25		21.28	21.24	21.27		
10	50	0		21.24	21.22	21.28		
10	1	0	64-QAM	21.36	21.31	21.39	11.03	0.0127
10	1	25		21.11	21.20	21.31		
10	1	49		21.43	21.23	21.48		
10	25	0		20.03	20.15	20.18		
10	25	12		19.99	20.10	20.26		
10	25	25		20.24	20.06	20.23		
10	50	0		20.11	20.15	20.25		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.16	23.09	23.15	12.74	0.0188
5	1	12		23.01	23.19	23.11		
5	1	24		23.17	22.99	23.08		
5	12	0		22.02	22.18	22.22		
5	12	7		21.89	22.06	22.23		
5	12	13		21.92	22.15	22.19		
5	25	0		21.97	22.08	22.22		
5	1	0	16-QAM	22.12	22.35	22.46	12.03	0.0160
5	1	12		22.38	22.32	22.36		
5	1	24		22.48	22.33	22.42		
5	12	0		20.90	21.25	21.27		
5	12	7		21.02	21.15	21.25		
5	12	13		20.89	21.09	21.24		
5	25	0		21.00	21.15	21.25		
5	1	0	64-QAM	21.13	21.40	21.38	10.95	0.0124
5	1	12		21.21	21.34	21.27		
5	1	24		21.20	21.26	21.31		
5	12	0		20.07	20.28	20.27		
5	12	7		20.07	20.18	20.29		
5	12	13		19.99	20.26	20.28		
5	25	0		19.96	20.05	20.20		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.93	23.04	23.15	12.74	0.0188
3	1	8		23.14	23.18	23.06		
3	1	14		23.07	23.01	23.19		
3	8	0		21.92	22.06	22.22		
3	8	4		21.98	22.12	22.19		
3	8	7		21.87	22.07	22.18		
3	15	0		22.03	22.08	22.25		
3	1	0	16-QAM	22.16	22.44	22.44	11.99	0.0158
3	1	8		22.35	22.39	22.41		
3	1	14		22.23	22.43	22.34		
3	8	0		20.94	21.01	21.20		
3	8	4		21.11	21.11	21.22		
3	8	7		20.96	21.12	21.20		
3	15	0		20.97	21.05	21.25		
3	1	0	64-QAM	21.10	21.26	21.34	10.95	0.0124
3	1	8		21.08	21.25	21.40		
3	1	14		21.22	21.21	21.30		
3	8	0		19.86	20.24	20.22		
3	8	4		20.04	20.18	20.24		
3	8	7		20.09	20.17	20.21		
3	15	0		20.00	20.12	20.18		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.05	23.14	23.10	12.75	0.0188
1.4	1	3		23.09	23.20	23.08		
1.4	1	5		23.05	23.09	23.01		
1.4	3	0		23.09	23.06	23.11		
1.4	3	1		22.96	23.15	23.05		
1.4	3	3		23.03	23.13	23.04		
1.4	6	0		22.10	22.21	22.31		
1.4	1	0	16-QAM	22.18	22.50	22.67	12.32	0.0171
1.4	1	3		22.31	22.54	22.77		
1.4	1	5		22.39	22.62	22.57		
1.4	3	0		22.20	22.16	22.32		
1.4	3	1		22.15	22.24	22.29		
1.4	3	3		22.05	22.27	22.28		
1.4	6	0		21.28	21.46	21.49		
1.4	1	0	64-QAM	21.32	21.50	21.45	11.14	0.0130
1.4	1	3		21.16	21.50	21.45		
1.4	1	5		21.15	21.55	21.41		
1.4	3	0		21.29	21.31	21.54		
1.4	3	1		21.37	21.35	21.59		
1.4	3	3		21.25	21.48	21.56		
1.4	6	0		19.99	20.27	20.35		
Limit	ERP < 7W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.60	23.46	23.41	15.20	0.0331
20	1	49		23.45	23.12	23.06		
20	1	99		23.56	23.20	23.17		
20	50	0		22.51	22.35	22.13		
20	50	24		22.47	22.22	22.10		
20	50	50		22.43	22.18	22.05		
20	100	0		22.53	22.22	22.17		
20	1	0	16-QAM	22.75	22.57	22.43	14.35	0.0272
20	1	49		22.51	22.43	22.12		
20	1	99		22.44	22.47	22.15		
20	50	0		21.39	21.35	21.14		
20	50	24		21.47	21.24	21.11		
20	50	50		21.55	21.20	21.07		
20	100	0		21.53	21.21	21.15		
20	1	0	64-QAM	21.76	21.54	21.52	13.36	0.0217
20	1	49		21.65	21.39	21.25		
20	1	99		21.65	21.46	21.23		
20	50	0		20.43	20.32	20.15		
20	50	24		20.48	20.18	20.08		
20	50	50		20.50	20.15	20.05		
20	100	0		20.47	20.24	20.10		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.32	23.29	22.98	15.02	0.0318
15	1	37		23.42	23.14	23.00		
15	1	74		23.20	23.20	22.92		
15	36	0		22.36	22.26	22.07		
15	36	20		22.38	22.21	22.08		
15	36	39		22.46	22.20	22.06		
15	75	0		22.35	22.16	22.08		
15	1	0	16-QAM	22.59	22.49	22.25	14.19	0.0262
15	1	37		22.54	22.47	22.22		
15	1	74		22.53	22.48	22.17		
15	36	0		21.35	21.21	21.05		
15	36	20		21.39	21.19	21.08		
15	36	39		21.46	21.20	21.07		
15	75	0		21.36	21.19	21.04		
15	1	0	64-QAM	21.61	21.50	21.27	13.22	0.0210
15	1	37		21.60	21.07	21.14		
15	1	74		21.62	21.37	21.20		
15	36	0		20.35	20.22	20.06		
15	36	20		20.35	20.19	20.07		
15	36	39		20.45	20.22	20.09		
15	75	0		20.33	20.12	20.04		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.40	23.29	23.39	15.00	0.0316
10	1	25		23.33	23.14	23.37		
10	1	49		23.39	23.27	23.32		
10	25	0		22.18	22.29	22.14		
10	25	12		22.24	22.27	22.19		
10	25	25		22.22	22.21	22.10		
10	50	0		22.23	22.22	22.16		
10	1	0	16-QAM	22.47	22.52	22.27	14.14	0.0259
10	1	25		22.37	22.45	22.21		
10	1	49		22.37	22.54	22.33		
10	25	0		21.23	21.26	21.15		
10	25	12		21.25	21.27	21.15		
10	25	25		21.18	21.17	21.08		
10	50	0		21.24	21.23	21.16		
10	1	0	64-QAM	21.40	21.45	21.34	13.05	0.0202
10	1	25		21.32	21.34	21.26		
10	1	49		21.38	21.39	21.30		
10	25	0		20.23	20.23	20.15		
10	25	12		20.23	20.25	20.18		
10	25	25		20.23	20.16	20.12		
10	50	0		20.23	20.21	20.15		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.39	23.35	23.19	14.99	0.0316
5	1	12		23.30	23.18	23.22		
5	1	24		23.24	23.15	23.13		
5	12	0		22.26	22.28	22.11		
5	12	7		22.20	22.25	22.12		
5	12	13		22.18	22.26	22.10		
5	25	0		22.23	22.24	22.15		
5	1	0	16-QAM	22.55	22.67	22.49	14.27	0.0267
5	1	12		22.48	22.54	22.27		
5	1	24		22.46	22.45	22.37		
5	12	0		21.25	21.30	21.13		
5	12	7		21.24	21.23	21.17		
5	12	13		21.20	21.26	21.13		
5	25	0		21.23	21.23	21.13		
5	1	0	64-QAM	21.49	21.49	21.43	13.09	0.0204
5	1	12		21.46	21.35	21.23		
5	1	24		21.28	21.25	21.22		
5	12	0		20.28	20.29	20.15		
5	12	7		20.25	20.25	20.16		
5	12	13		20.23	20.26	20.16		
5	25	0		20.22	20.19	20.16		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.20	23.25	23.19	14.88	0.0308
3	1	8		23.20	23.23	23.28		
3	1	14		23.10	23.15	23.21		
3	8	0		22.26	22.28	22.16		
3	8	4		22.27	22.27	22.16		
3	8	7		22.20	22.24	22.12		
3	15	0		22.21	22.21	22.19		
3	1	0	16-QAM	22.52	22.63	22.32	14.23	0.0265
3	1	8		22.51	22.62	22.38		
3	1	14		22.46	22.53	22.33		
3	8	0		21.27	21.28	21.19		
3	8	4		21.27	21.28	21.19		
3	8	7		21.22	21.29	21.13		
3	15	0		21.23	21.25	21.19		
3	1	0	64-QAM	21.36	21.42	21.24	13.02	0.0200
3	1	8		21.39	21.34	21.34		
3	1	14		21.32	21.37	21.27		
3	8	0		20.29	20.30	20.21		
3	8	4		20.27	20.28	20.22		
3	8	7		20.27	20.25	20.18		
3	15	0		20.20	20.21	20.14		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -8.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.16	23.21	23.14	14.87	0.0307
1.4	1	3		23.19	23.24	23.16		
1.4	1	5		23.12	23.19	23.14		
1.4	3	0		23.17	23.25	23.16		
1.4	3	1		23.20	23.27	23.17		
1.4	3	3		23.16	23.22	23.14		
1.4	6	0		22.16	22.19	22.13		
1.4	1	0	16-QAM	22.43	22.47	22.38	14.20	0.0263
1.4	1	3		22.52	22.53	22.44		
1.4	1	5		22.60	22.46	22.38		
1.4	3	0		22.21	22.19	22.18		
1.4	3	1		22.25	22.25	22.19		
1.4	3	3		22.17	22.17	22.14		
1.4	6	0		21.34	21.25	21.34		
1.4	1	0	64-QAM	21.31	21.37	21.28	12.97	0.0198
1.4	1	3		21.36	21.36	21.33		
1.4	1	5		21.29	21.35	21.29		
1.4	3	0		21.26	21.33	21.24		
1.4	3	1		21.31	21.37	21.29		
1.4	3	3		21.27	21.29	21.25		
1.4	6	0		20.17	20.17	20.13		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.30	23.35	23.28	16.20	0.0417
20	1	49		23.28	23.17	23.27		
20	1	99		23.24	23.04	23.22		
20	50	0		22.24	22.29	22.25		
20	50	24		22.21	22.22	22.14		
20	50	50		22.15	22.19	22.18		
20	100	0		22.20	22.26	22.22		
20	1	0	16-QAM	22.01	22.06	22.05	15.29	0.0338
20	1	49		22.20	22.38	22.32		
20	1	99		22.44	22.36	22.29		
20	50	0		21.24	21.15	21.23		
20	50	24		21.24	21.26	21.32		
20	50	50		21.29	21.27	21.33		
20	100	0		21.23	21.23	21.26		
20	1	0	64-QAM	20.99	21.12	20.98	14.31	0.0270
20	1	49		21.14	21.38	21.29		
20	1	99		21.41	21.46	21.23		
20	50	0		20.11	20.19	20.14		
20	50	24		20.24	20.23	20.26		
20	50	50		20.27	20.23	20.27		
20	100	0		20.29	20.22	20.25		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.13	22.96	23.10	16.03	0.0401
15	1	37		23.13	23.11	22.95		
15	1	74		23.18	23.02	22.93		
15	36	0		22.34	22.35	22.25		
15	36	20		22.37	22.36	22.36		
15	36	39		22.29	22.37	22.30		
15	75	0		22.34	22.33	22.27		
15	1	0	16-QAM	22.10	22.24	22.31	15.33	0.0341
15	1	37		22.11	22.48	22.33		
15	1	74		22.31	22.28	22.22		
15	36	0		21.31	21.33	21.30		
15	36	20		21.33	21.39	21.33		
15	36	39		21.26	21.39	21.31		
15	75	0		21.35	21.33	21.28		
15	1	0	64-QAM	21.40	21.22	21.28	14.30	0.0269
15	1	37		21.39	21.45	21.34		
15	1	74		21.35	21.27	21.20		
15	36	0		20.32	20.36	20.31		
15	36	20		20.39	20.39	20.34		
15	36	39		20.31	20.38	20.30		
15	75	0		20.25	20.31	20.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.08	23.05	23.29	16.17	0.0414
10	1	25		22.89	22.97	23.20		
10	1	49		23.20	23.32	23.19		
10	25	0		22.11	22.15	22.18		
10	25	12		22.09	22.18	22.11		
10	25	25		22.18	22.19	22.19		
10	50	0		22.11	22.20	22.15		
10	1	0	16-QAM	22.22	22.19	22.26	15.37	0.0344
10	1	25		22.12	22.15	21.97		
10	1	49		22.33	22.52	22.34		
10	25	0		21.13	21.17	21.27		
10	25	12		21.06	21.23	21.17		
10	25	25		21.15	21.18	21.26		
10	50	0		21.17	21.27	21.25		
10	1	0	64-QAM	21.13	21.16	21.44	14.34	0.0272
10	1	25		21.07	21.07	21.34		
10	1	49		21.26	21.46	21.49		
10	25	0		20.10	20.14	20.25		
10	25	12		20.08	20.20	20.17		
10	25	25		20.15	20.20	20.28		
10	50	0		20.13	20.21	20.18		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.03	22.99	23.04	16.08	0.0406
5	1	12		22.96	22.98	23.23		
5	1	24		22.94	23.07	23.03		
5	12	0		21.98	21.97	22.11		
5	12	7		22.00	22.04	22.09		
5	12	13		21.99	22.04	22.02		
5	25	0		21.97	22.02	22.09		
5	1	0	16-QAM	22.19	22.18	22.37	15.22	0.0333
5	1	12		22.07	22.14	22.19		
5	1	24		22.08	22.32	22.26		
5	12	0		21.01	21.05	21.20		
5	12	7		20.98	21.09	21.13		
5	12	13		21.04	21.10	21.09		
5	25	0		21.02	21.07	21.11		
5	1	0	64-QAM	21.07	21.14	21.21	14.12	0.0258
5	1	12		21.01	21.10	21.10		
5	1	24		21.05	21.27	21.25		
5	12	0		20.07	20.08	20.25		
5	12	7		20.06	20.13	20.18		
5	12	13		20.09	20.14	20.15		
5	25	0		19.98	20.05	20.11		
Limit	ERP < 3W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.13	-	-	12.68	0.0185
15	1	37		23.10	-	-		
15	1	74		23.09	-	-		
15	36	0		22.20	-	-		
15	36	20		22.06	-	-		
15	36	39		21.85	-	-		
15	75	0		21.96	-	-		
15	1	0	16-QAM	22.20	-	-	12.03	0.0160
15	1	37		22.23	-	-		
15	1	74		22.48	-	-		
15	36	0		21.17	-	-		
15	36	20		21.01	-	-		
15	36	39		20.81	-	-		
15	75	0		21.00	-	-		
15	1	0	64-QAM	21.06	-	-	11.00	0.0126
15	1	37		21.14	-	-		
15	1	74		21.45	-	-		
15	36	0		20.19	-	-		
15	36	20		20.01	-	-		
15	36	39		19.83	-	-		
15	75	0		19.92	-	-		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.17	-	12.72	0.0187
10	1	25		-	23.09	-		
10	1	49		-	23.07	-		
10	25	0		-	22.25	-		
10	25	12		-	22.20	-		
10	25	25		-	22.18	-		
10	50	0		-	22.22	-		
10	1	0	16-QAM	-	22.43	-	11.98	0.0158
10	1	25		-	22.31	-		
10	1	49		-	22.41	-		
10	25	0		-	21.27	-		
10	25	12		-	21.19	-		
10	25	25		-	21.19	-		
10	50	0		-	21.23	-		
10	1	0	64-QAM	-	21.38	-	10.93	0.0124
10	1	25		-	21.27	-		
10	1	49		-	21.33	-		
10	25	0		-	20.20	-		
10	25	12		-	20.16	-		
10	25	25		-	20.15	-		
10	50	0		-	20.20	-		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.08	23.12	23.13	12.74	0.0188
5	1	12		23.03	23.07	23.00		
5	1	24		23.16	23.17	23.19		
5	12	0		21.97	22.05	22.06		
5	12	7		21.99	22.03	21.92		
5	12	13		21.98	21.94	21.98		
5	25	0		21.98	21.97	21.90		
5	1	0	16-QAM	22.21	22.19	22.23	12.04	0.0160
5	1	12		22.33	22.43	22.43		
5	1	24		22.39	22.34	22.49		
5	12	0		20.99	21.05	20.98		
5	12	7		21.02	21.05	21.09		
5	12	13		20.99	20.89	20.89		
5	25	0		21.07	21.15	21.06		
5	1	0	64-QAM	21.16	21.07	21.19	10.95	0.0124
5	1	12		21.20	21.20	21.12		
5	1	24		21.30	21.40	21.26		
5	12	0		20.01	20.01	20.06		
5	12	7		20.05	20.03	20.03		
5	12	13		20.04	20.04	20.11		
5	25	0		19.98	20.03	19.88		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.98	23.03	22.99	12.67	0.0185
3	1	8		23.04	23.12	22.94		
3	1	14		23.01	23.09	23.04		
3	8	0		21.92	21.87	21.82		
3	8	4		22.03	21.95	22.04		
3	8	7		21.97	22.07	22.00		
3	15	0		21.97	22.00	21.94		
3	1	0	16-QAM	22.18	22.15	22.18	11.88	0.0154
3	1	8		22.30	22.31	22.27		
3	1	14		22.25	22.33	22.27		
3	8	0		20.97	20.92	20.96		
3	8	4		21.06	20.97	21.12		
3	8	7		20.97	20.98	20.93		
3	15	0		21.03	21.03	21.01		
3	1	0	64-QAM	21.08	21.11	21.15	10.81	0.0121
3	1	8		21.17	21.10	21.26		
3	1	14		21.13	21.07	21.16		
3	8	0		19.95	19.89	20.00		
3	8	4		20.03	19.99	20.02		
3	8	7		20.00	20.06	20.02		
3	15	0		19.96	19.92	19.96		
Limit	Power < 100W			Result			Pass	

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.04	23.00	23.13	12.68	0.0185
1.4	1	3		23.11	23.08	23.09		
1.4	1	5		23.03	23.08	23.01		
1.4	3	0		23.13	23.06	23.11		
1.4	3	1		23.01	22.96	23.01		
1.4	3	3		23.00	22.93	22.91		
1.4	6	0		22.05	22.00	22.10		
1.4	1	0	16-QAM	22.28	22.24	22.20	12.00	0.0158
1.4	1	3		22.36	22.30	22.44		
1.4	1	5		22.40	22.44	22.45		
1.4	3	0		22.12	22.14	22.16		
1.4	3	1		22.18	22.16	22.18		
1.4	3	3		22.08	22.18	22.02		
1.4	6	0		21.28	21.37	21.20		
1.4	1	0	64-QAM	21.23	21.14	21.30	10.89	0.0123
1.4	1	3		21.25	21.19	21.21		
1.4	1	5		21.20	21.26	21.27		
1.4	3	0		21.23	21.13	21.24		
1.4	3	1		21.29	21.24	21.34		
1.4	3	3		21.18	21.17	21.26		
1.4	6	0		20.00	19.97	19.95		
Limit	Power < 100W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.14	-	12.69	0.0186
15	1	37		-	23.10	-		
15	1	74		-	23.14	-		
15	36	0		-	22.23	-		
15	36	20		-	22.00	-		
15	36	39		-	21.89	-		
15	75	0		-	22.03	-		
15	1	0	16-QAM	-	22.11	-	12.10	0.0162
15	1	37		-	22.23	-		
15	1	74		-	22.55	-		
15	36	0		-	21.12	-		
15	36	20		-	20.93	-		
15	36	39		-	20.88	-		
15	75	0		-	20.91	-		
15	1	0	64-QAM	-	21.06	-	11.06	0.0128
15	1	37		-	21.23	-		
15	1	74		-	21.51	-		
15	36	0		-	20.23	-		
15	36	20		-	20.09	-		
15	36	39		-	19.76	-		
15	75	0		-	20.02	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.13	-	12.68	0.0185
10	1	25		-	22.91	-		
10	1	49		-	23.02	-		
10	25	0		-	22.09	-		
10	25	12		-	22.15	-		
10	25	25		-	22.28	-		
10	50	0		-	22.13	-		
10	1	0	16-QAM	-	22.35	-	12.07	0.0161
10	1	25		-	22.17	-		
10	1	49		-	22.52	-		
10	25	0		-	21.17	-		
10	25	12		-	21.13	-		
10	25	25		-	21.19	-		
10	50	0		-	21.21	-		
10	1	0	64-QAM	-	21.29	-	10.84	0.0121
10	1	25		-	21.09	-		
10	1	49		-	21.25	-		
10	25	0		-	20.03	-		
10	25	12		-	20.13	-		
10	25	25		-	20.12	-		
10	50	0		-	20.15	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.17	-	12.73	0.0187
5	1	12		-	23.05	-		
5	1	24		-	23.18	-		
5	12	0		-	21.89	-		
5	12	7		-	22.03	-		
5	12	13		-	21.99	-		
5	25	0		-	21.99	-		
5	1	0	16-QAM	-	22.30	-	11.99	0.0158
5	1	12		-	22.28	-		
5	1	24		-	22.44	-		
5	12	0		-	21.03	-		
5	12	7		-	21.06	-		
5	12	13		-	21.09	-		
5	25	0		-	21.06	-		
5	1	0	64-QAM	-	21.18	-	10.84	0.0121
5	1	12		-	21.29	-		
5	1	24		-	21.21	-		
5	12	0		-	20.09	-		
5	12	7		-	20.04	-		
5	12	13		-	20.06	-		
5	25	0		-	20.04	-		
Limit	ERP < 7W			Result			Pass	

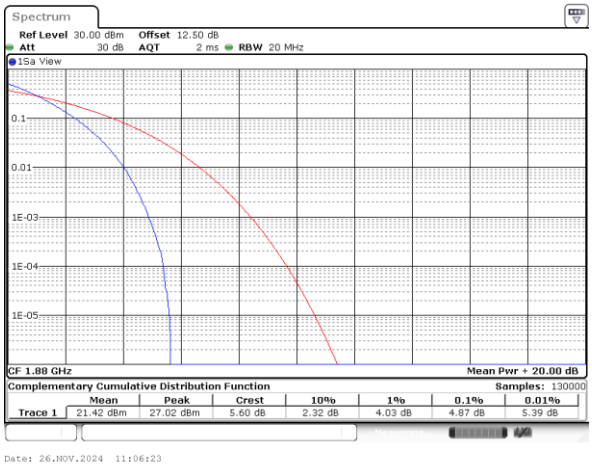
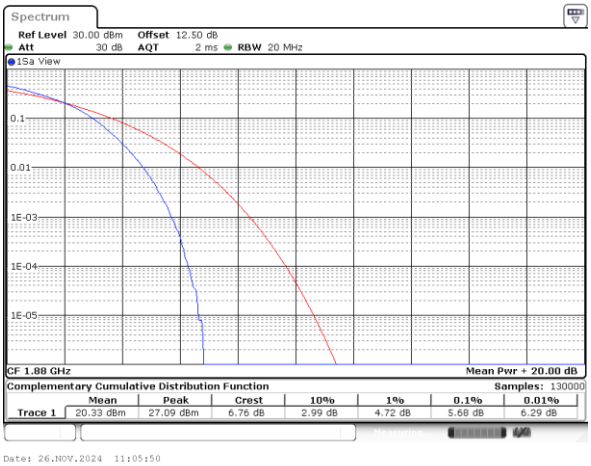
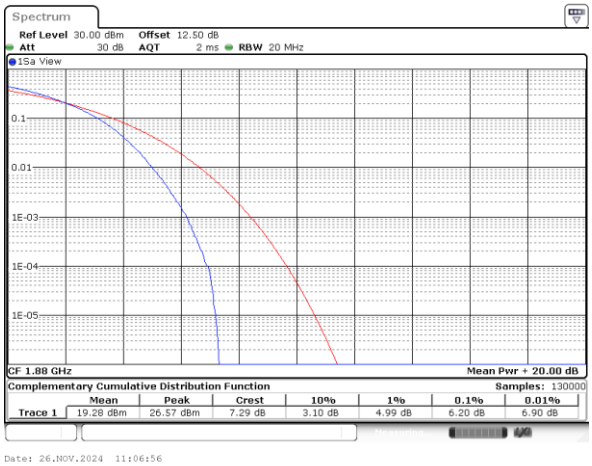
LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.03	-	12.62	0.0183
3	1	8		-	23.07	-		
3	1	14		-	22.91	-		
3	8	0		-	21.97	-		
3	8	4		-	22.00	-		
3	8	7		-	22.07	-		
3	15	0		-	21.96	-		
3	1	0	16-QAM	-	22.15	-	11.94	0.0156
3	1	8		-	22.39	-		
3	1	14		-	22.19	-		
3	8	0		-	20.95	-		
3	8	4		-	21.02	-		
3	8	7		-	20.96	-		
3	15	0		-	21.07	-		
3	1	0	64-QAM	-	21.11	-	10.72	0.0118
3	1	8		-	21.17	-		
3	1	14		-	21.14	-		
3	8	0		-	19.98	-		
3	8	4		-	20.06	-		
3	8	7		-	20.10	-		
3	15	0		-	19.88	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -8.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	22.94	-	12.72	0.0187
1.4	1	3		-	23.14	-		
1.4	1	5		-	22.98	-		
1.4	3	0		-	23.17	-		
1.4	3	1		-	23.03	-		
1.4	3	3		-	23.09	-		
1.4	6	0		-	22.04	-		
1.4	1	0	16-QAM	-	22.19	-	11.87	0.0154
1.4	1	3		-	22.28	-		
1.4	1	5		-	22.32	-		
1.4	3	0		-	22.05	-		
1.4	3	1		-	22.26	-		
1.4	3	3		-	22.18	-		
1.4	6	0		-	21.23	-		
1.4	1	0	64-QAM	-	21.21	-	10.83	0.0121
1.4	1	3		-	21.28	-		
1.4	1	5		-	21.20	-		
1.4	3	0		-	21.22	-		
1.4	3	1		-	21.21	-		
1.4	3	3		-	21.12	-		
1.4	6	0		-	20.06	-		
Limit	ERP < 7W			Result			Pass	

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.68	6.20	-	PASS

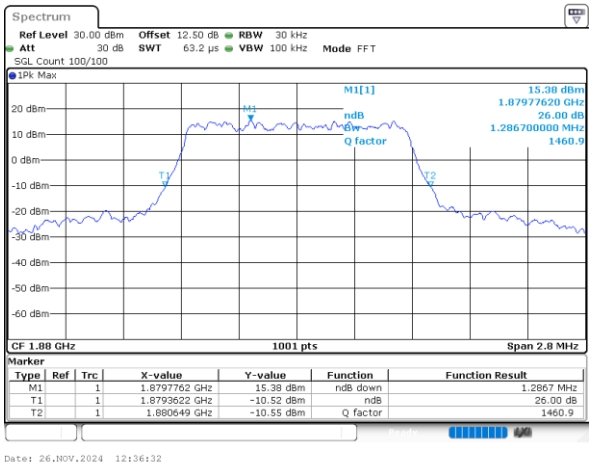
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	
LTE Band 2 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

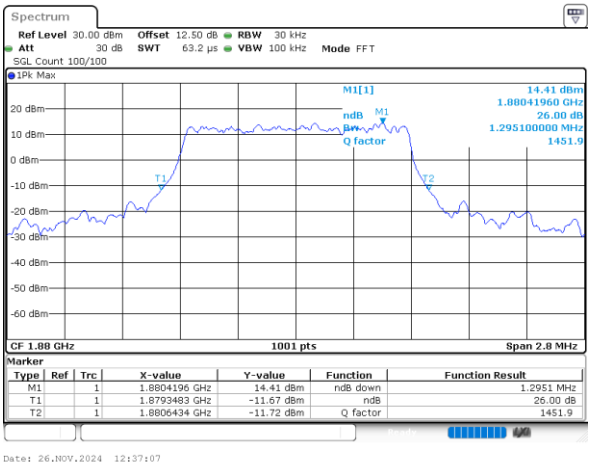
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.28	1.29	3.00	2.96	4.92	4.92	9.78	9.86	14.47	14.41	19.06	18.90
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.28	-	3.00	-	4.92	-	9.68	-	14.62	-	19.06	-

LTE Band 2

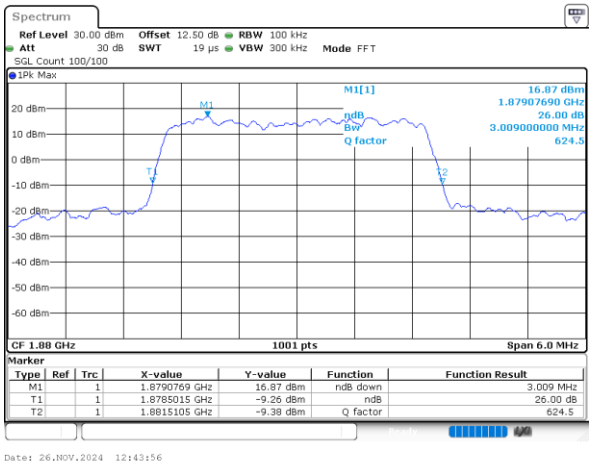
Middle Channel / 1.4MHz / QPSK



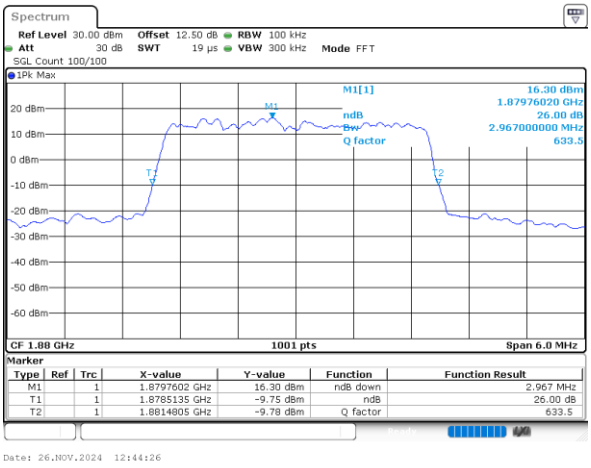
Middle Channel / 1.4MHz / 16QAM



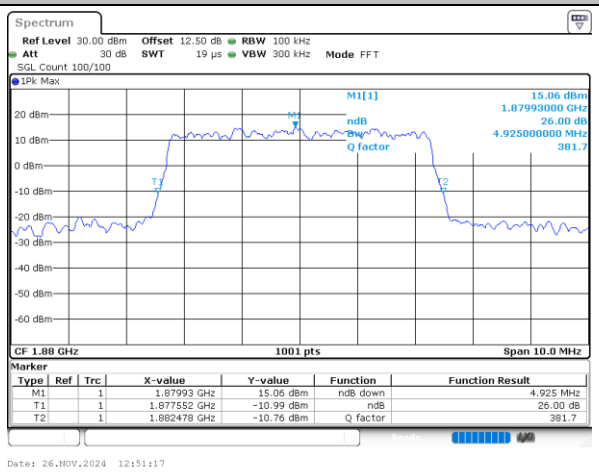
Middle Channel / 3MHz / QPSK



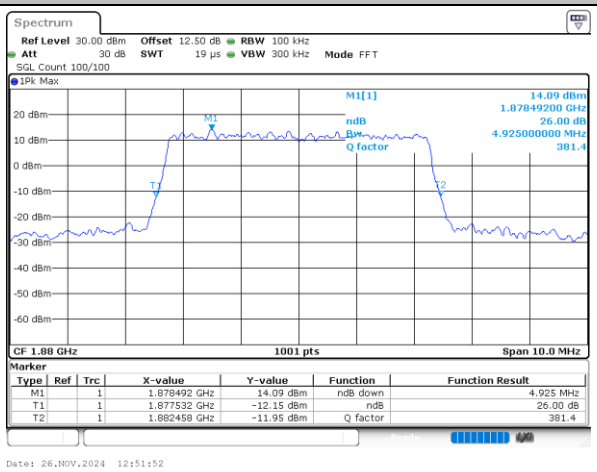
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

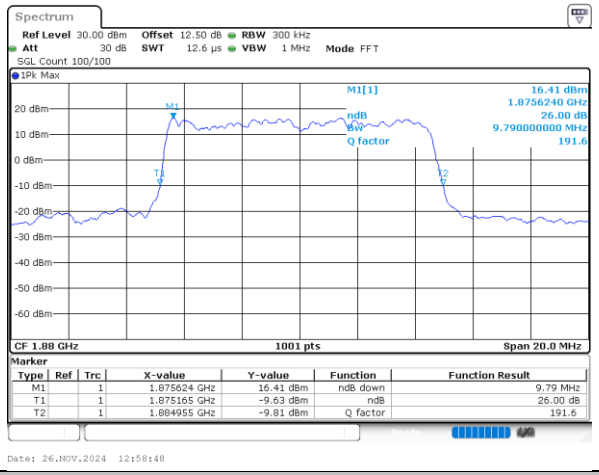


Middle Channel / 5MHz / 16QAM

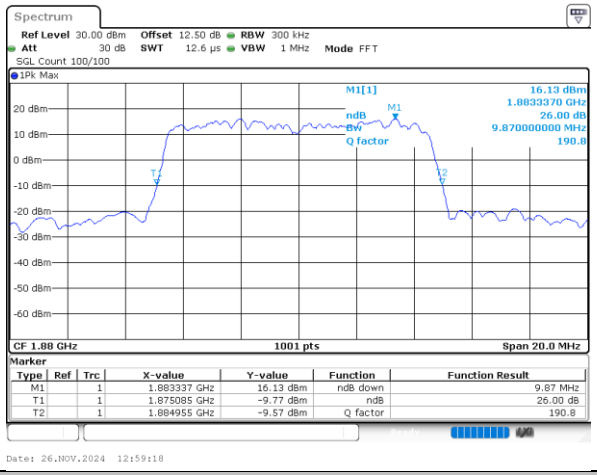


LTE Band 2

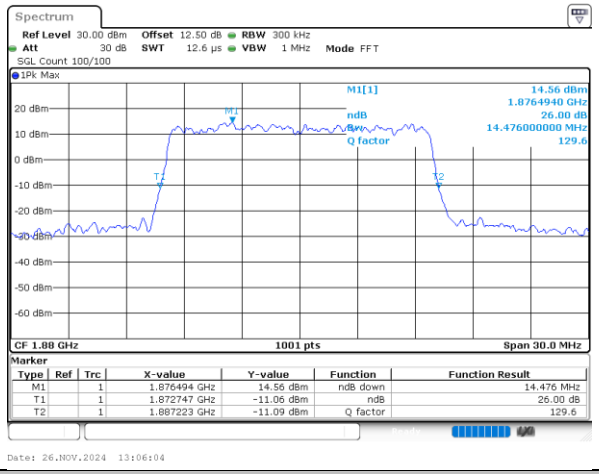
Middle Channel / 10MHz / QPSK



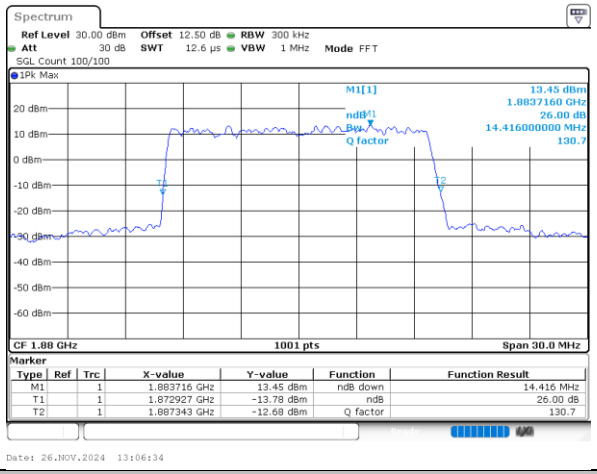
Middle Channel / 10MHz / 16QAM



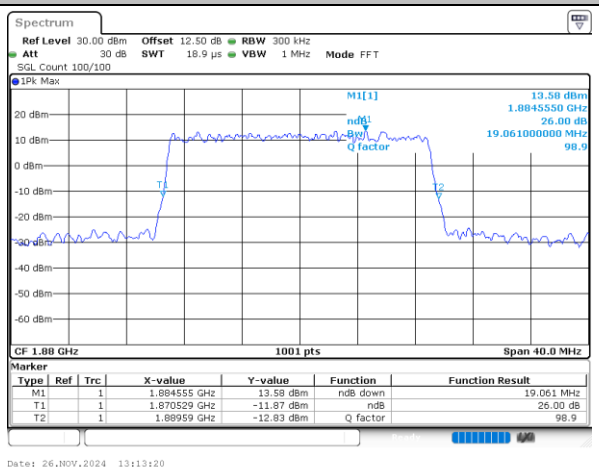
Middle Channel / 15MHz / QPSK



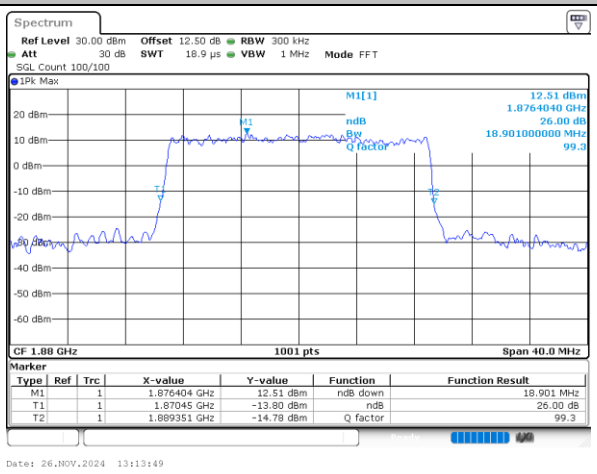
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

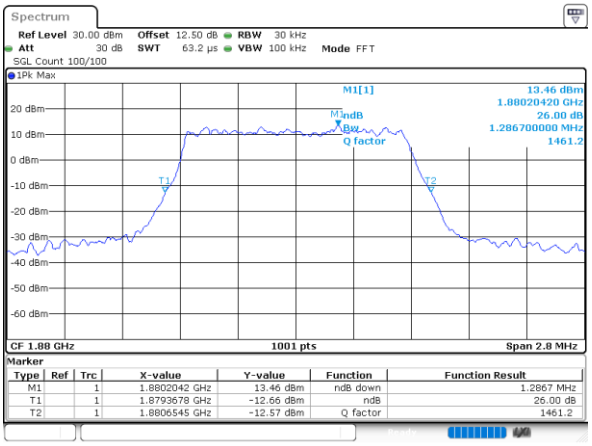


Middle Channel / 20MHz / 16QAM

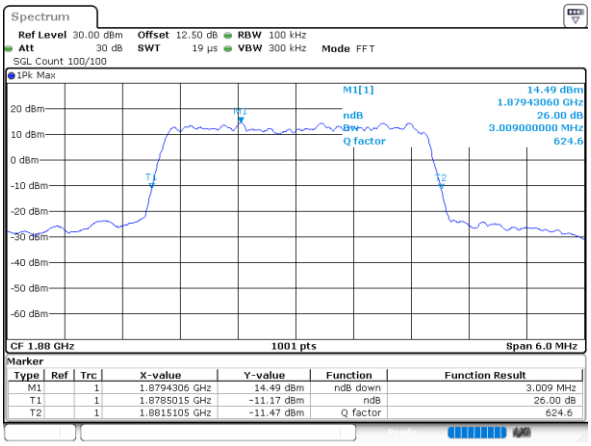


LTE Band 2

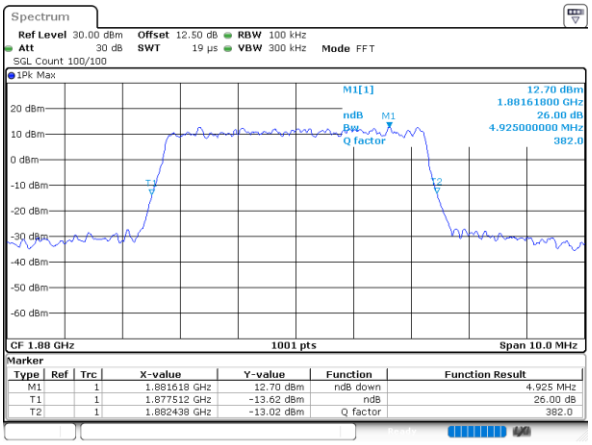
Middle Channel / 1.4MHz / 64QAM



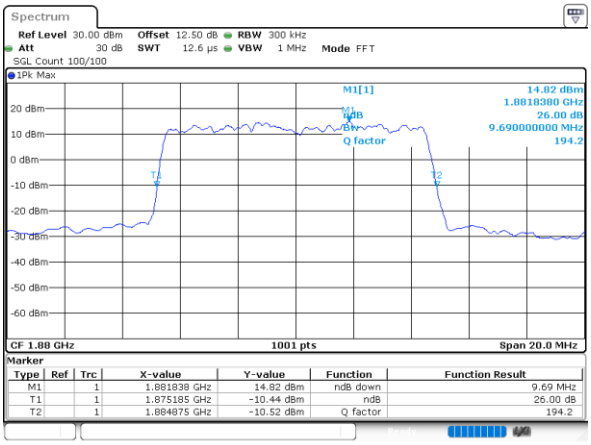
Middle Channel / 3MHz / 64QAM



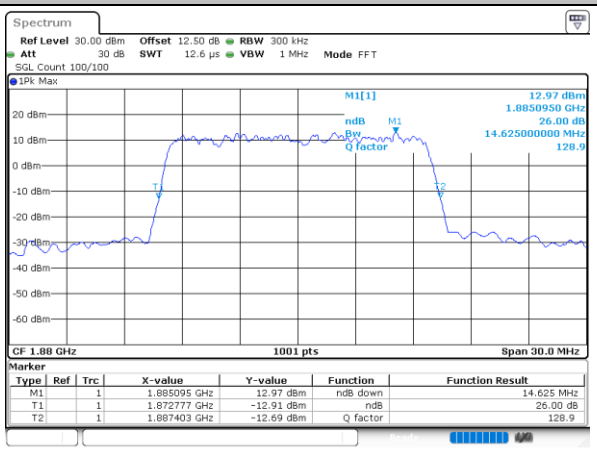
Middle Channel / 5MHz / 64QAM



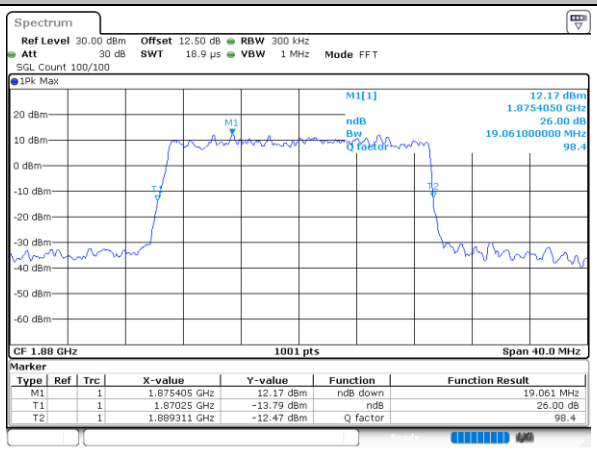
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

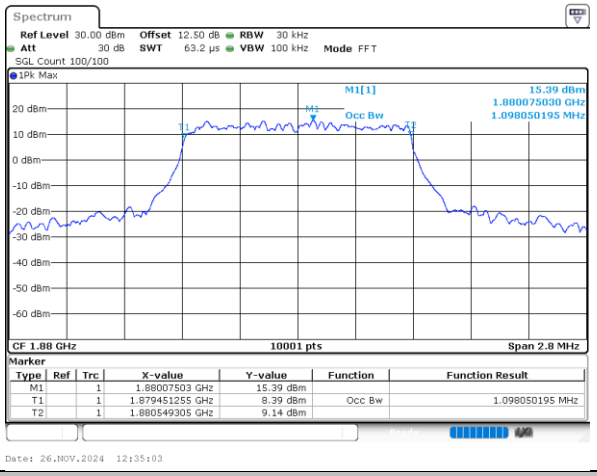


Occupied Bandwidth

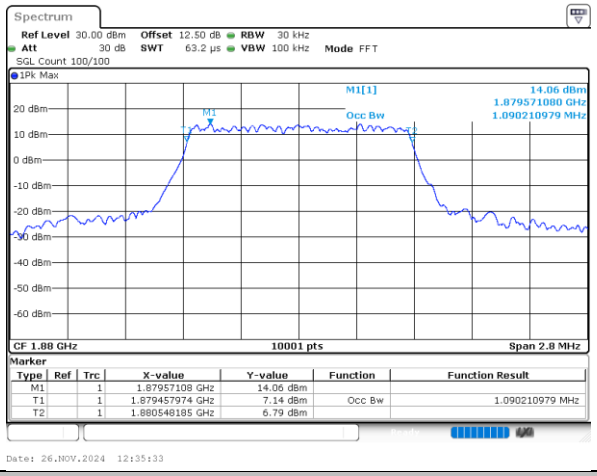
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.72	2.72	4.49	4.47	8.99	9.02	13.41	13.37	17.74	17.86
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	-	2.71	-	4.46	-	8.96	-	13.39	-	17.79	-

LTE Band 2

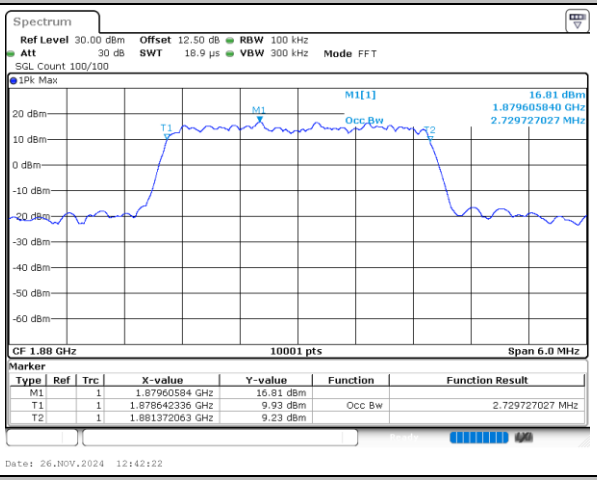
Middle Channel / 1.4MHz / QPSK



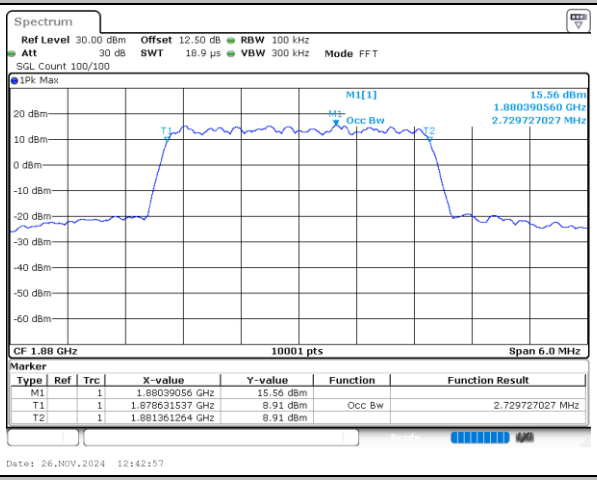
Middle Channel / 1.4MHz / 16QAM



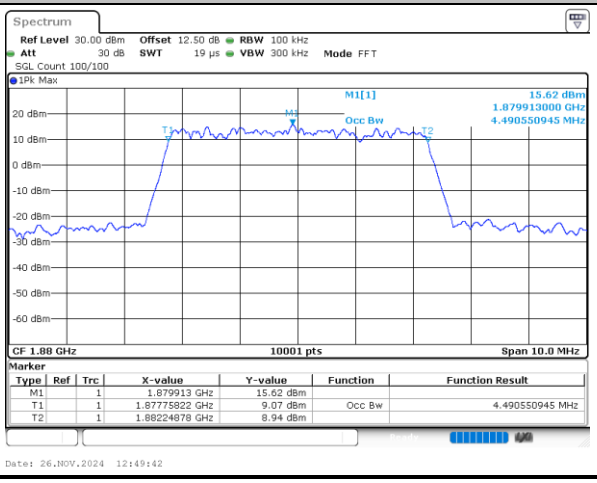
Middle Channel / 3MHz / QPSK



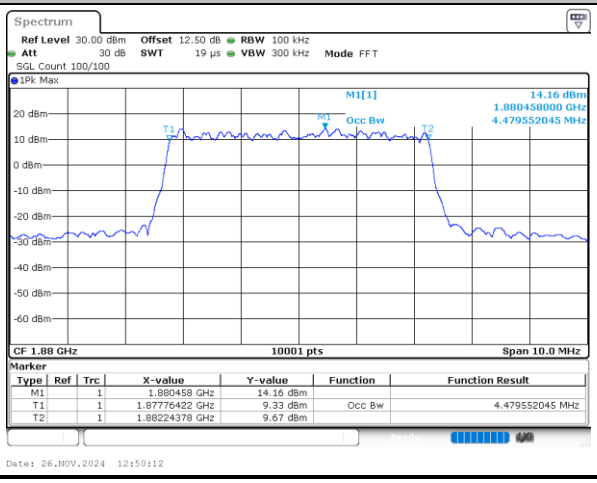
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

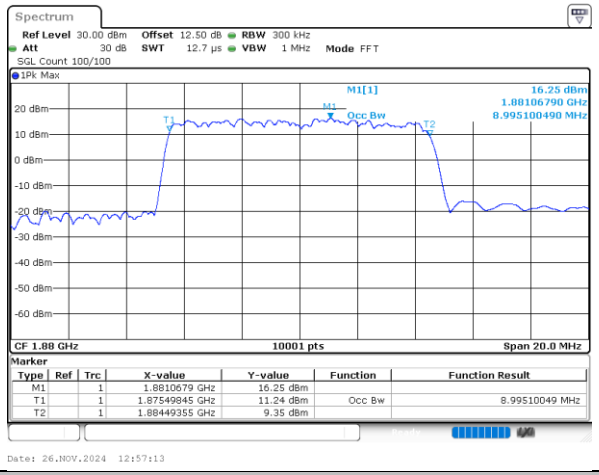


Middle Channel / 5MHz / 16QAM

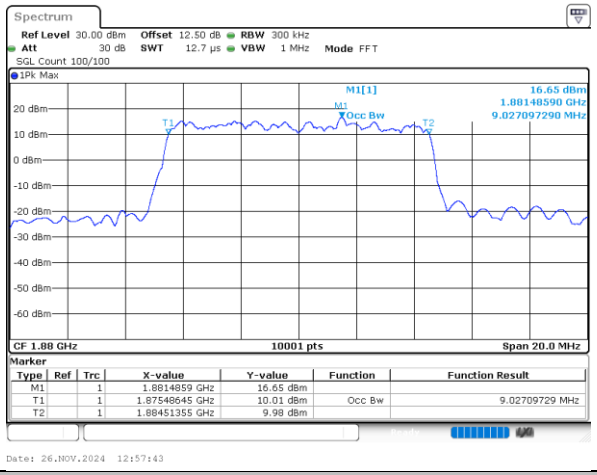


LTE Band 2

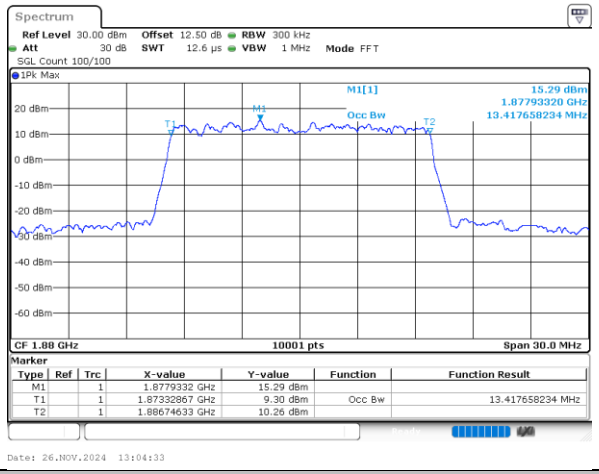
Middle Channel / 10MHz / QPSK



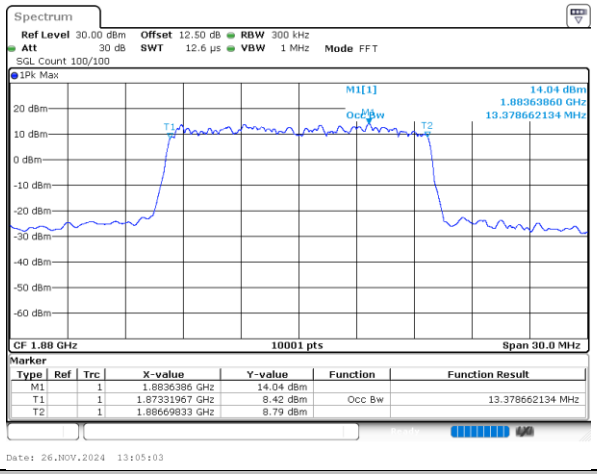
Middle Channel / 10MHz / 16QAM



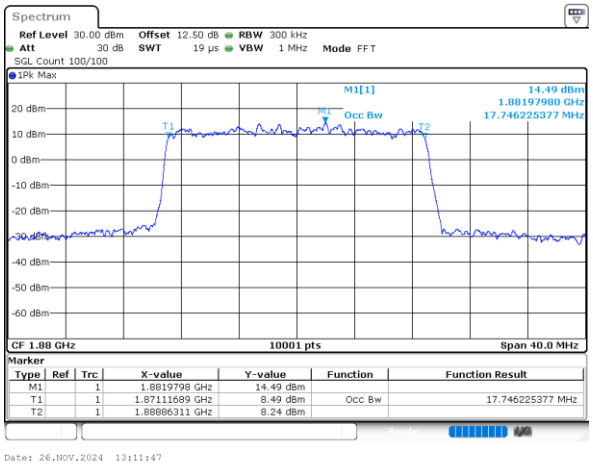
Middle Channel / 15MHz / QPSK



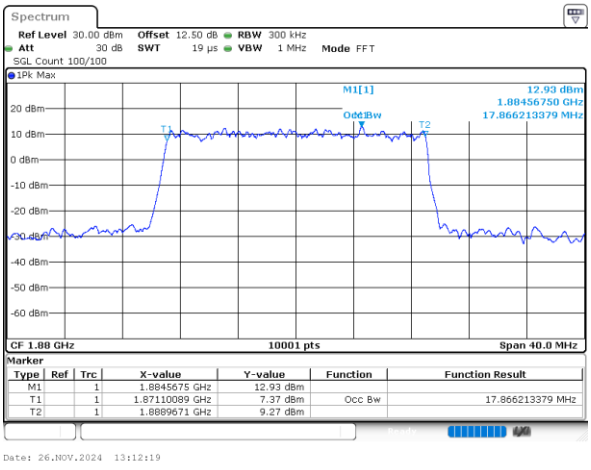
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

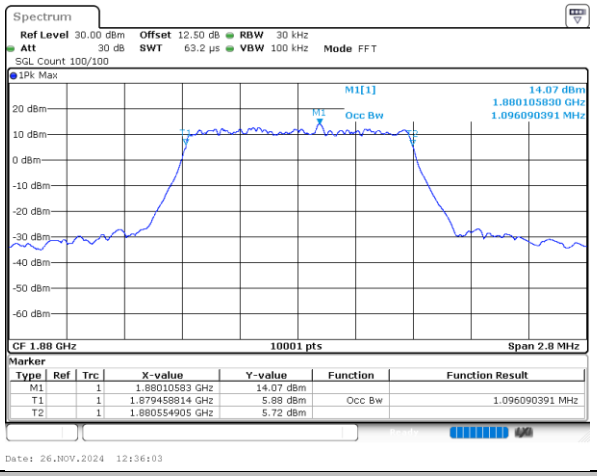


Middle Channel / 20MHz / 16QAM

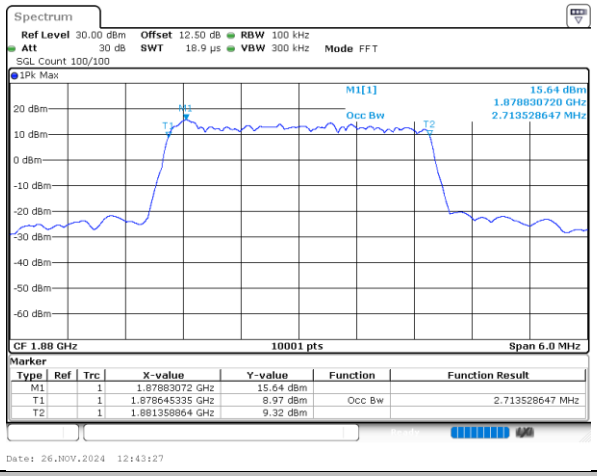


LTE Band 2

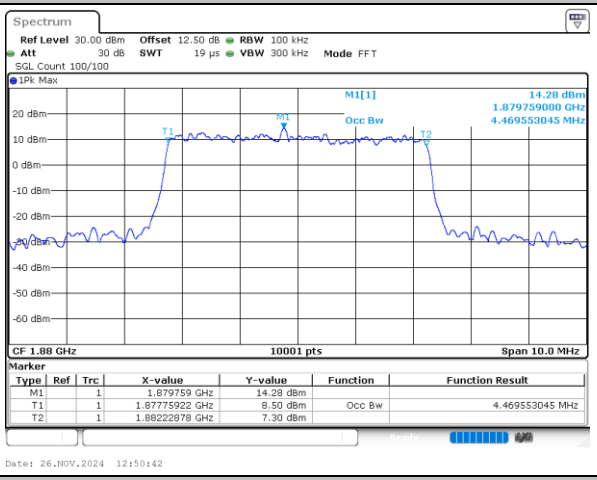
Middle Channel / 1.4MHz / 64QAM



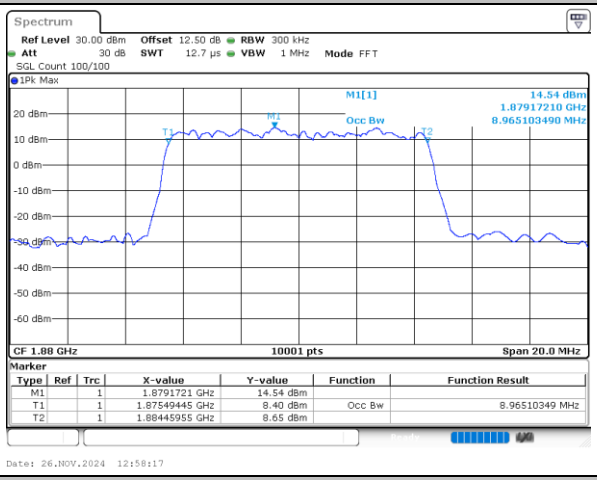
Middle Channel / 3MHz / 64QAM



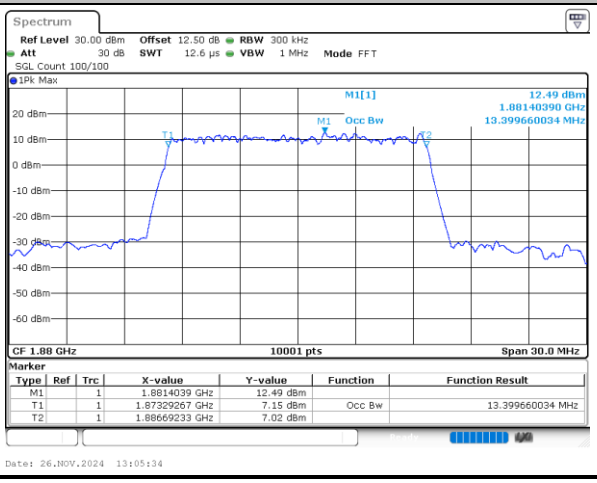
Middle Channel / 5MHz / 64QAM



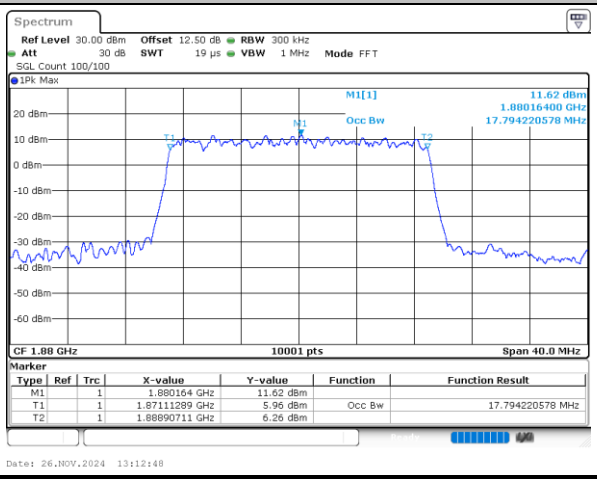
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



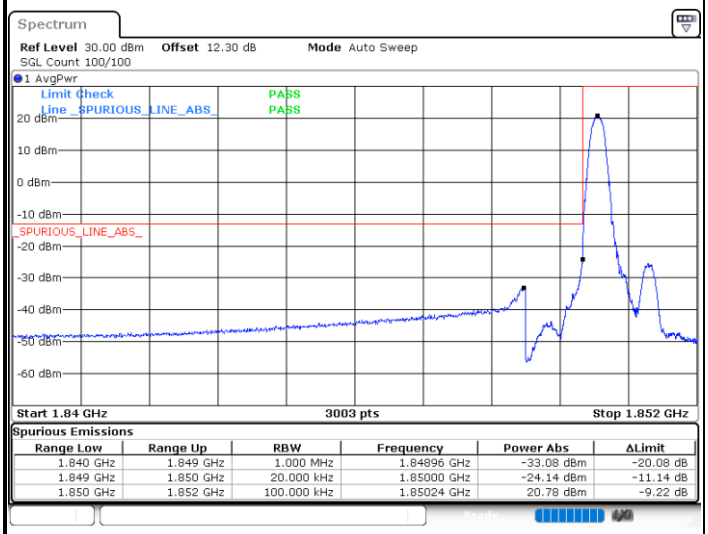
Middle Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

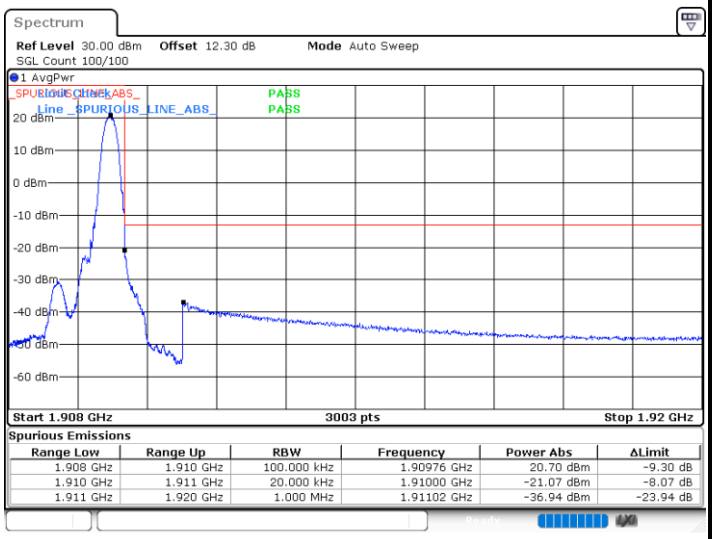


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84896 GHz	-33.08 dBm	-20.08 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-24.14 dBm	-11.14 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85024 GHz	20.78 dBm	-9.22 dB

Date: 27.FEB.2025 17:49:48

Highest Band Edge / 1RB

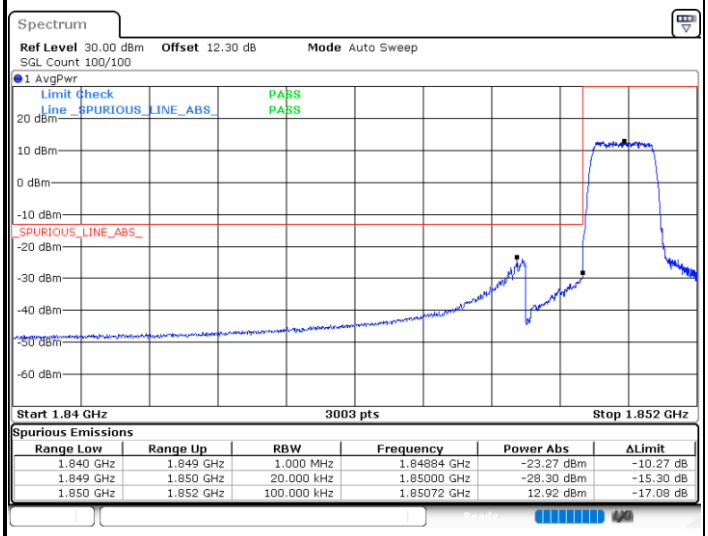


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90976 GHz	20.70 dBm	-9.30 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-21.07 dBm	-8.07 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91102 GHz	-36.94 dBm	-23.94 dB

Date: 27.FEB.2025 17:58:01

Lowest Band Edge / Full RB

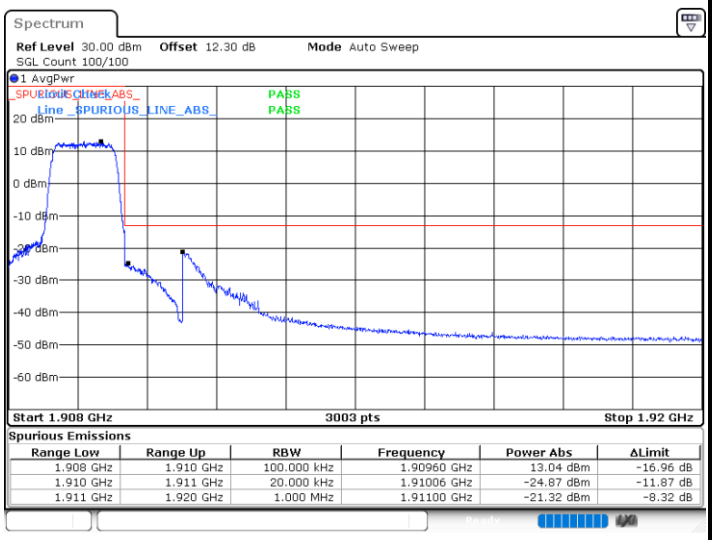


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84884 GHz	-23.27 dBm	-10.27 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-28.30 dBm	-15.30 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85072 GHz	12.92 dBm	-17.08 dB

Date: 27.FEB.2025 17:52:26

Highest Band Edge / Full RB



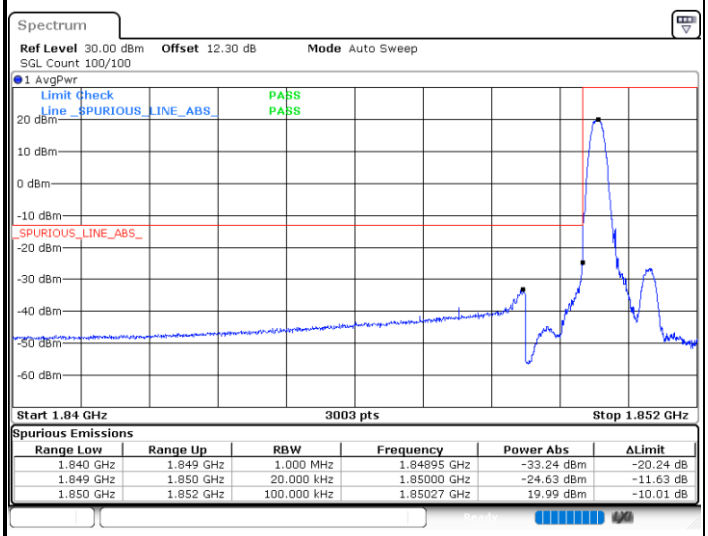
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90960 GHz	13.04 dBm	-16.96 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91006 GHz	-24.87 dBm	-11.87 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-21.32 dBm	-8.32 dB

Date: 27.FEB.2025 18:37:21

LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

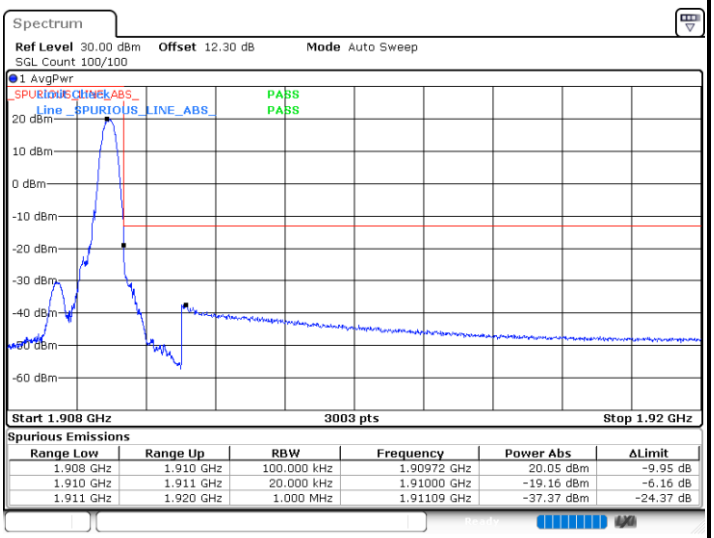


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-33.24 dBm	-20.24 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-24.63 dBm	-11.63 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85027 GHz	19.99 dBm	-10.01 dB

Date: 27.FEB.2025 17:50:41

Highest Band Edge / 1 RB

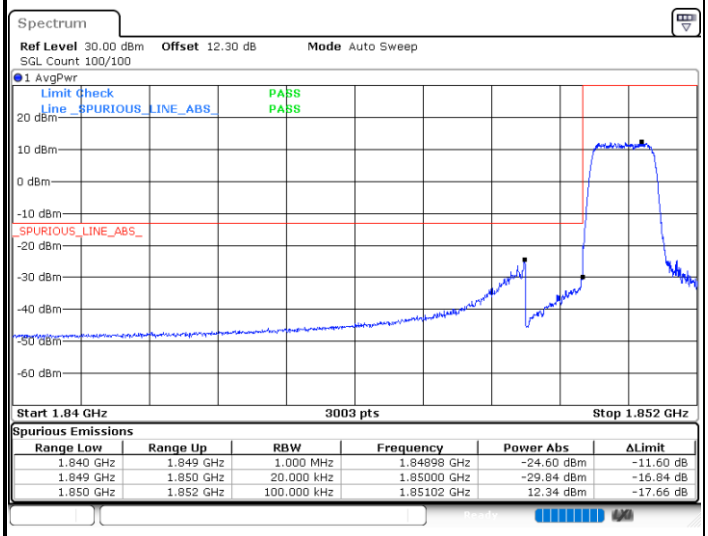


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90972 GHz	20.05 dBm	-9.95 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-19.16 dBm	-6.16 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-37.37 dBm	-24.37 dB

Date: 27.FEB.2025 18:35:36

Lowest Band Edge / Full RB

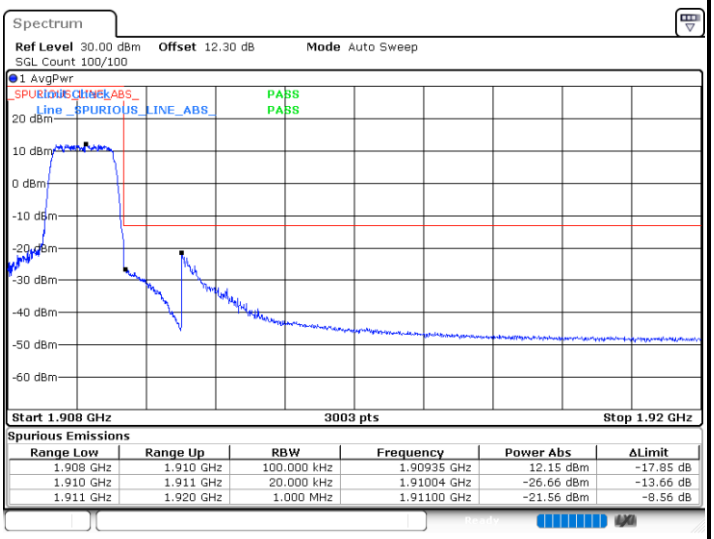


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-24.60 dBm	-11.60 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-29.84 dBm	-16.84 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85102 GHz	12.34 dBm	-17.66 dB

Date: 27.FEB.2025 17:53:18

Highest Band Edge / Full RB



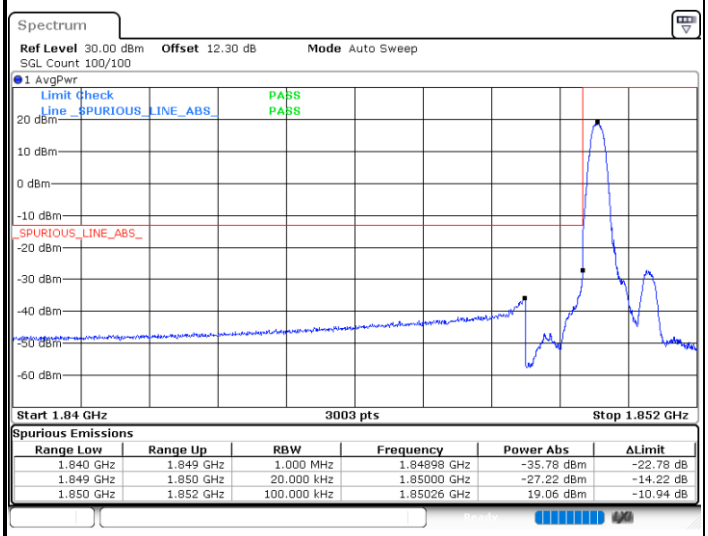
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90935 GHz	12.15 dBm	-17.85 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91004 GHz	-26.66 dBm	-13.66 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-21.56 dBm	-8.56 dB

Date: 27.FEB.2025 18:38:14

LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

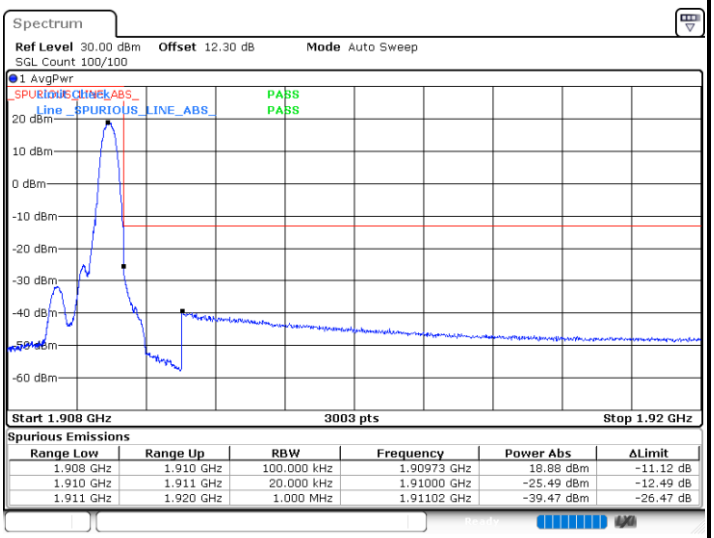


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-35.78 dBm	-22.78 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-27.22 dBm	-14.22 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85026 GHz	19.06 dBm	-10.94 dB

Date: 27.FEB.2025 17:51:33

Highest Band Edge / 1 RB

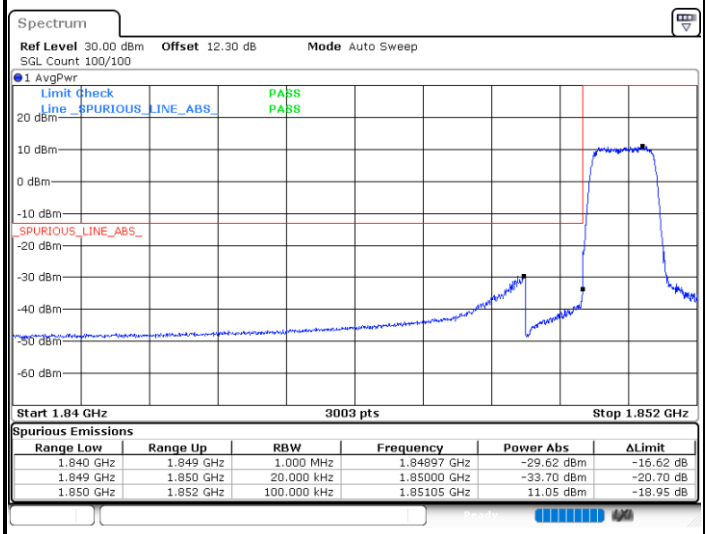


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90973 GHz	18.88 dBm	-11.12 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-25.49 dBm	-12.49 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91102 GHz	-39.47 dBm	-26.47 dB

Date: 27.FEB.2025 18:36:28

Lowest Band Edge / Full RB

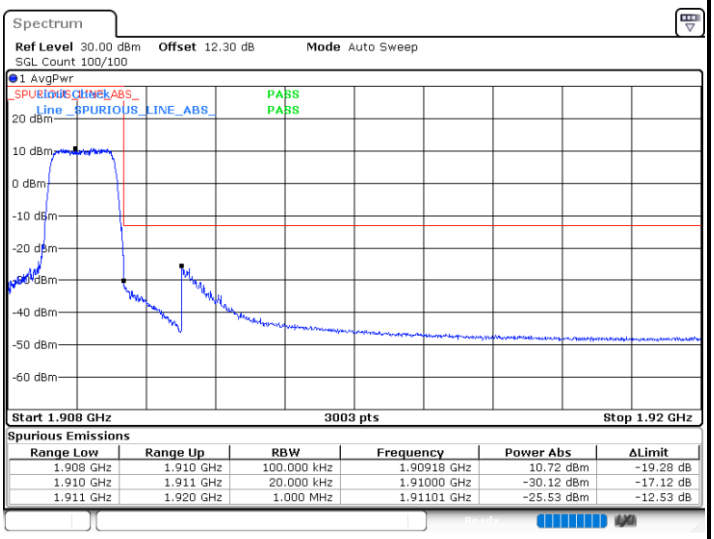


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-29.62 dBm	-16.62 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-33.70 dBm	-20.70 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85105 GHz	11.05 dBm	-18.95 dB

Date: 27.FEB.2025 17:54:11

Highest Band Edge / Full RB



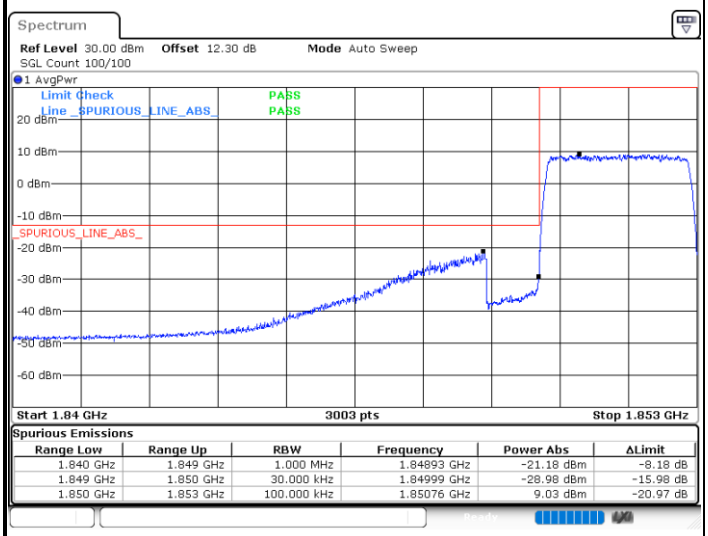
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90918 GHz	10.72 dBm	-19.28 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-30.12 dBm	-17.12 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-25.53 dBm	-12.53 dB

Date: 27.FEB.2025 18:39:06

LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / Full RB

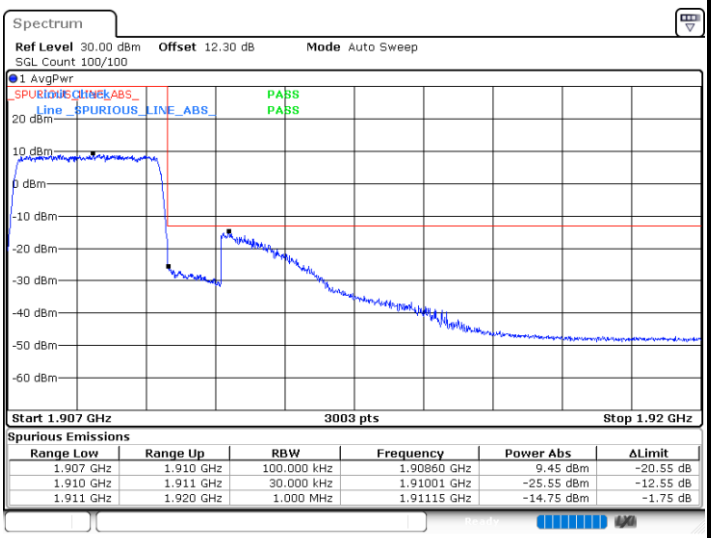


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84893 GHz	-21.18 dBm	-8.18 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.84999 GHz	-28.98 dBm	-15.98 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85076 GHz	9.03 dBm	-20.97 dB

Date: 27.FEB.2025 18:39:59

Highest Band Edge / Full RB



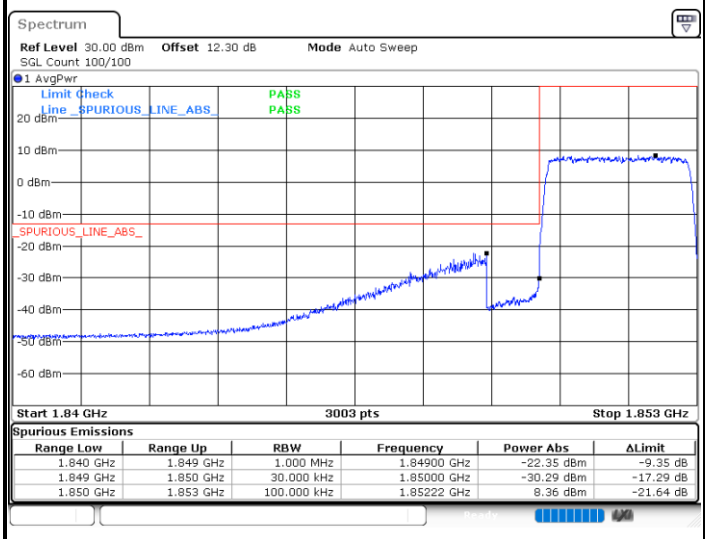
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90860 GHz	9.45 dBm	-20.55 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91001 GHz	-25.55 dBm	-12.55 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91115 GHz	-14.75 dBm	-1.75 dB

Date: 27.FEB.2025 18:42:37

LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / Full RB

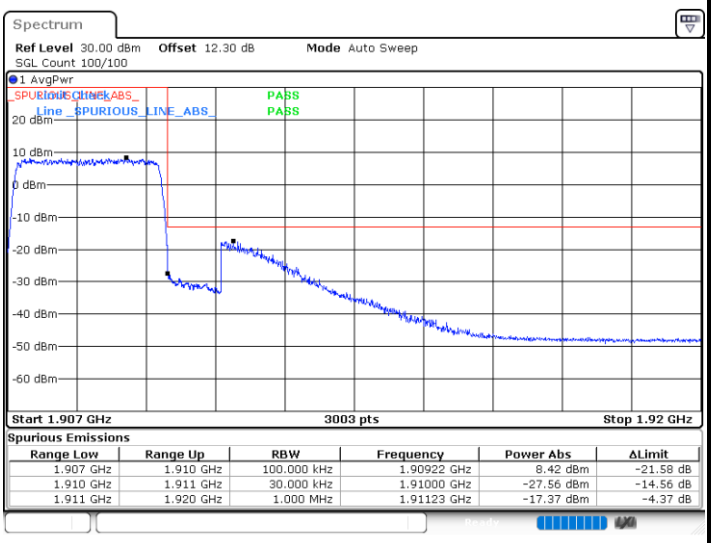


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-22.35 dBm	-9.35 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-30.29 dBm	-17.29 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85222 GHz	8.36 dBm	-21.64 dB

Date: 27.FEB.2025 18:40:52

Highest Band Edge / Full RB



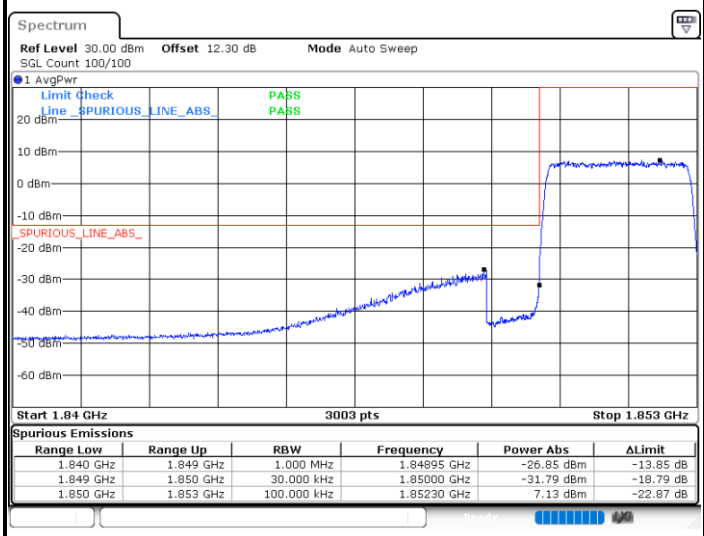
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90922 GHz	8.42 dBm	-21.58 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-27.56 dBm	-14.56 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91123 GHz	-17.37 dBm	-4.37 dB

Date: 27.FEB.2025 18:43:29

LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / Full RB

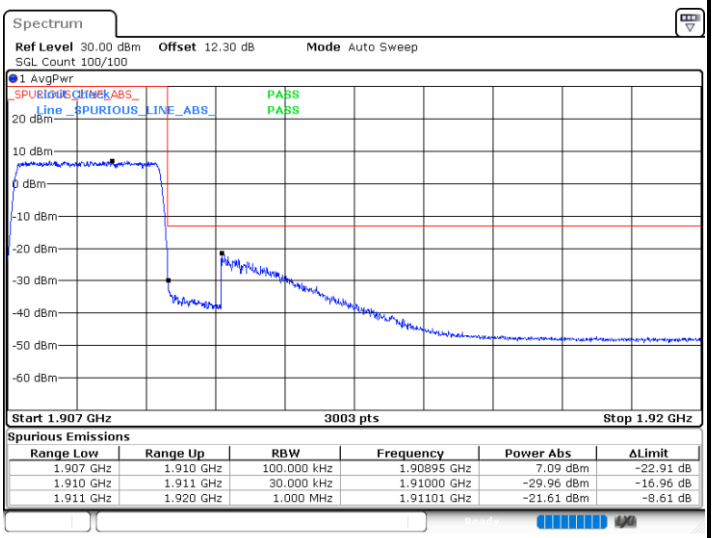


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-26.85 dBm	-13.85 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-31.79 dBm	-18.79 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85230 GHz	7.13 dBm	-22.87 dB

Date: 27.FEB.2025 18:41:44

Highest Band Edge / Full RB



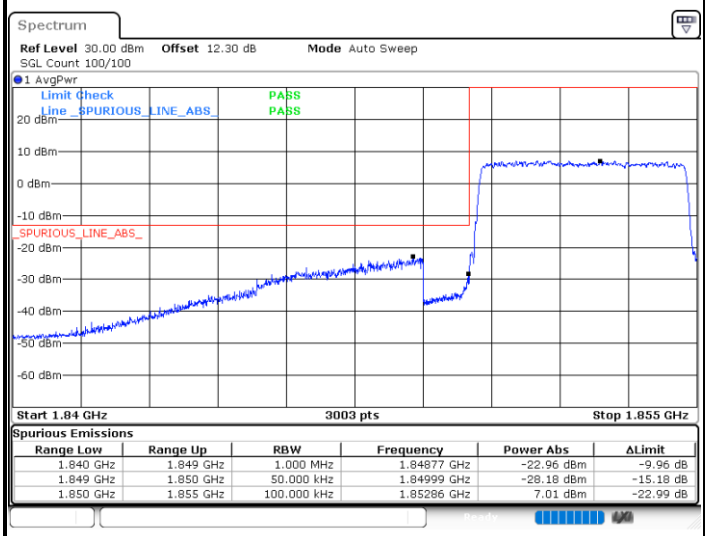
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90895 GHz	7.09 dBm	-22.91 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-29.96 dBm	-16.96 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-21.61 dBm	-8.61 dB

Date: 27.FEB.2025 18:44:21

LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / Full RB

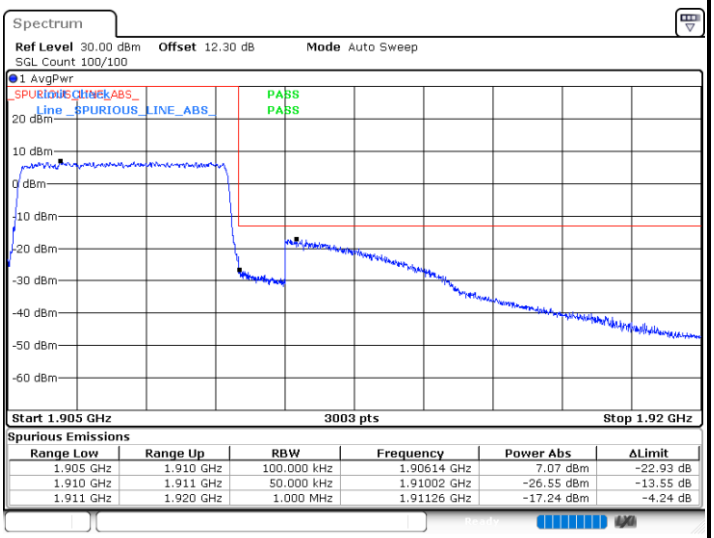


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84877 GHz	-22.96 dBm	-9.96 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-28.18 dBm	-15.18 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85286 GHz	7.01 dBm	-22.99 dB

Date: 27.FEB.2025 18:45:15

Highest Band Edge / Full RB



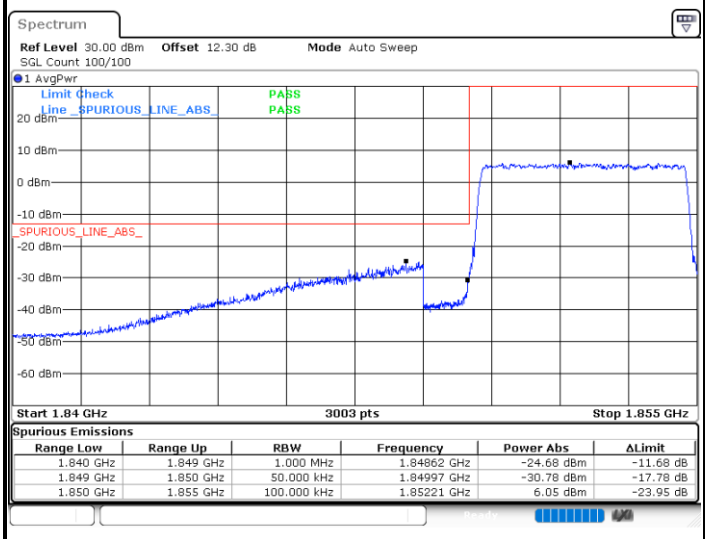
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90614 GHz	7.07 dBm	-22.93 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91002 GHz	-26.55 dBm	-13.55 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91126 GHz	-17.24 dBm	-4.24 dB

Date: 27.FEB.2025 18:47:52

LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / Full RB

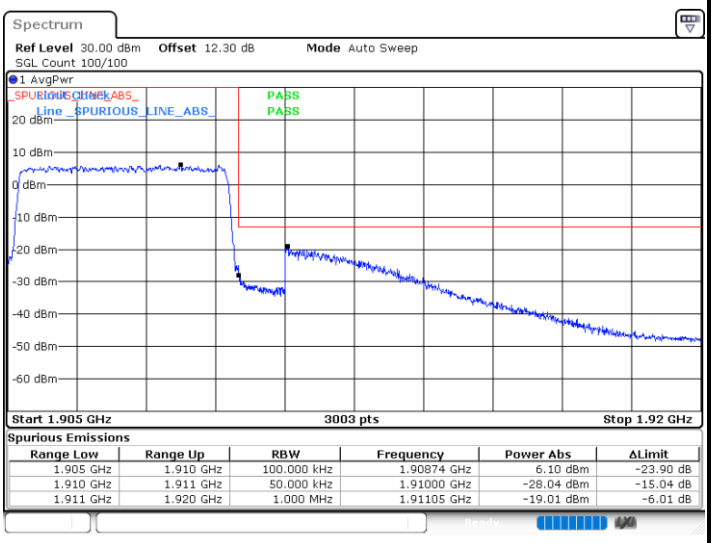


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84862 GHz	-24.68 dBm	-11.68 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84997 GHz	-30.78 dBm	-17.78 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85221 GHz	6.05 dBm	-23.95 dB

Date: 27.FEB.2025 18:46:07

Highest Band Edge / Full RB



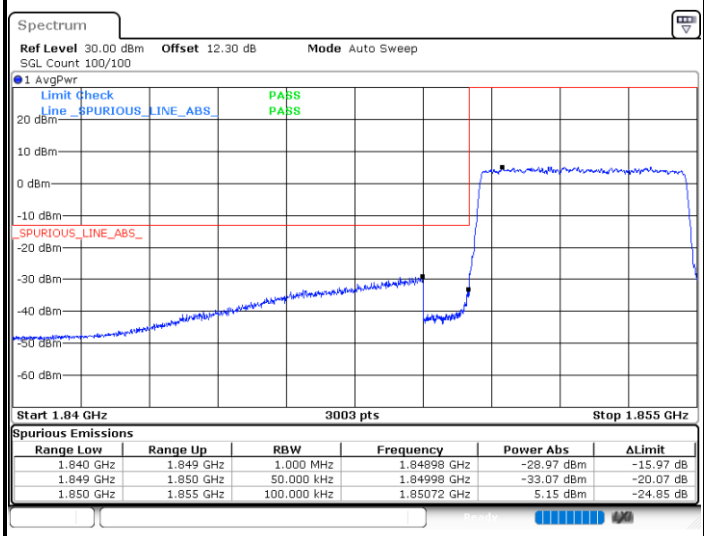
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90874 GHz	6.10 dBm	-23.90 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-28.04 dBm	-15.04 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-19.01 dBm	-6.01 dB

Date: 27.FEB.2025 18:48:44

LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / Full RB

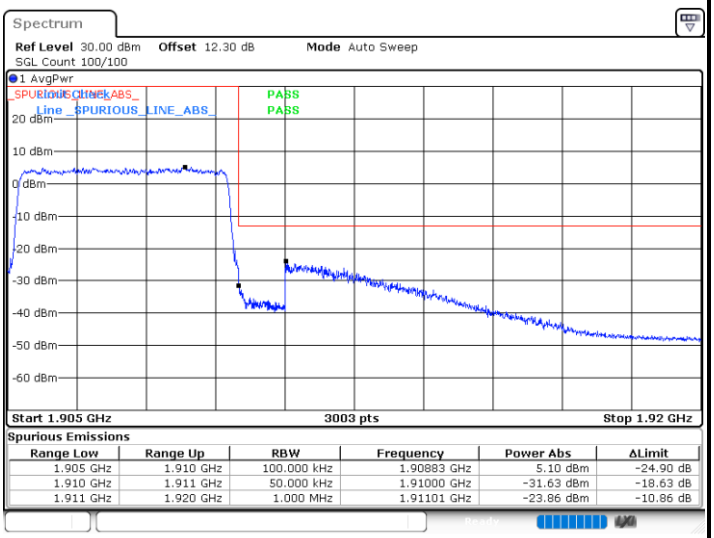


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-28.97 dBm	-15.97 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84998 GHz	-33.07 dBm	-20.07 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85072 GHz	5.15 dBm	-24.85 dB

Date: 27.FEB.2025 18:46:59

Highest Band Edge / Full RB



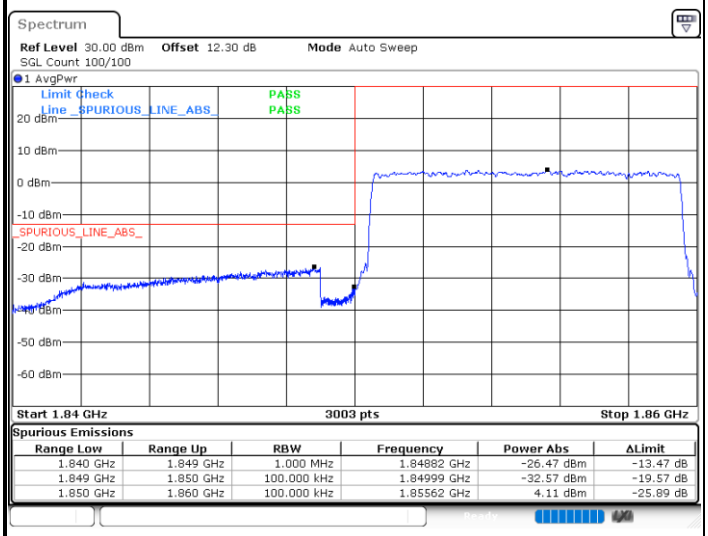
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90883 GHz	5.10 dBm	-24.90 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-31.63 dBm	-18.63 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-23.86 dBm	-10.86 dB

Date: 27.FEB.2025 18:49:37

LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / Full RB

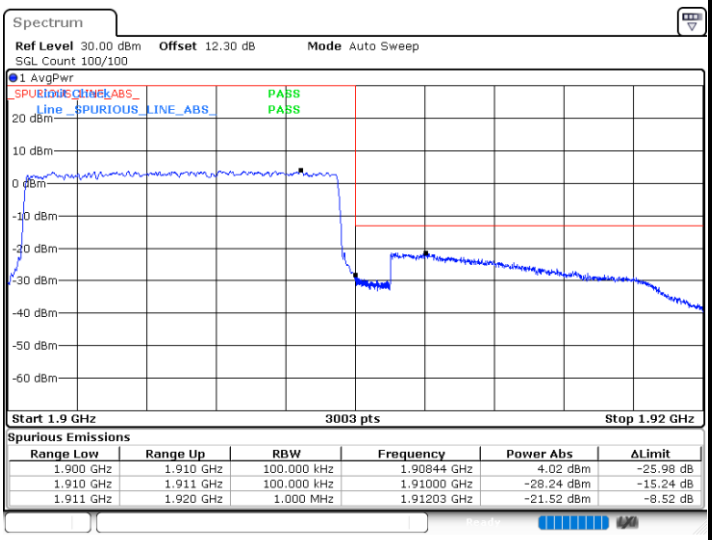


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84882 GHz	-26.47 dBm	-13.47 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.84999 GHz	-32.57 dBm	-19.57 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85562 GHz	4.11 dBm	-25.89 dB

Date: 28.FEB.2025 00:56:17

Highest Band Edge / Full RB



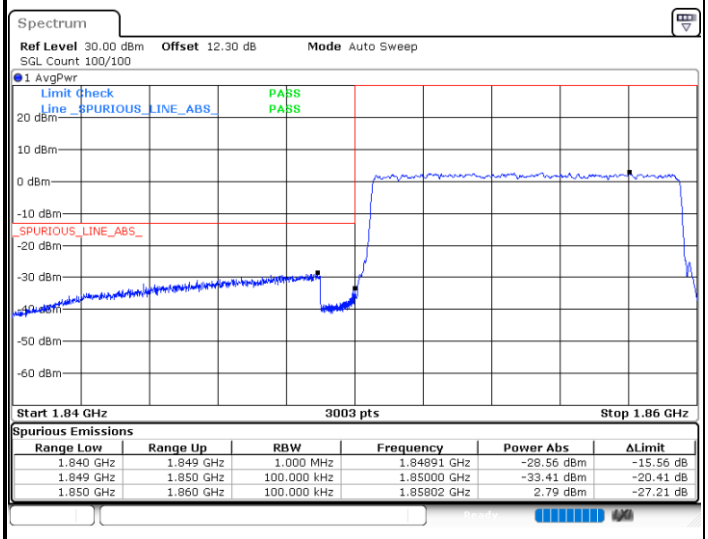
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90844 GHz	4.02 dBm	-25.98 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91000 GHz	-28.24 dBm	-15.24 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91203 GHz	-21.52 dBm	-8.52 dB

Date: 27.FEB.2025 18:54:25

LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / Full RB

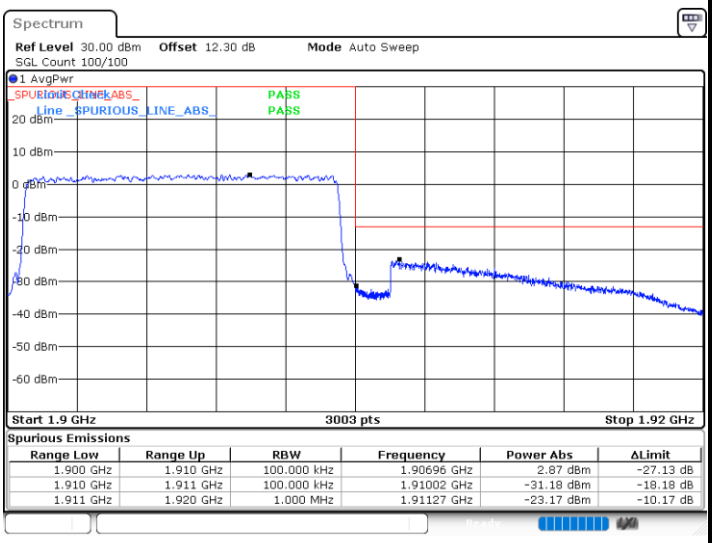


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-28.56 dBm	-15.56 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-33.41 dBm	-20.41 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85802 GHz	2.79 dBm	-27.21 dB

Date: 28.FEB.2025 00:56:48

Highest Band Edge / Full RB



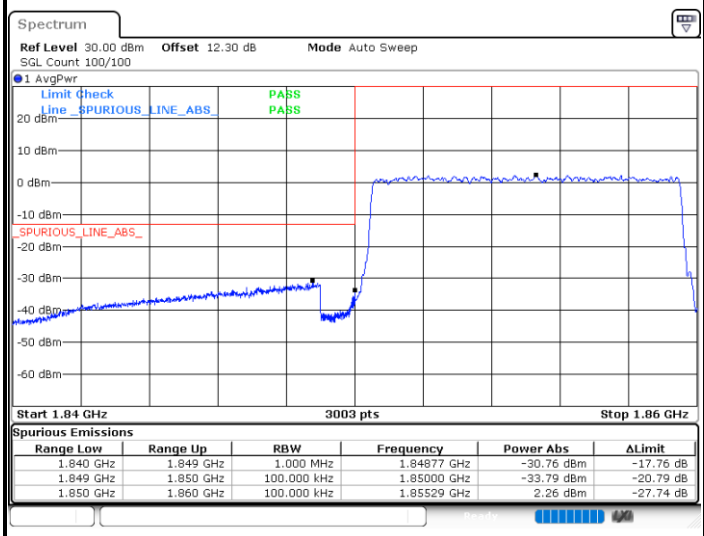
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90696 GHz	2.87 dBm	-27.13 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91002 GHz	-31.18 dBm	-18.18 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91127 GHz	-23.17 dBm	-10.17 dB

Date: 27.FEB.2025 18:55:19

LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / Full RB

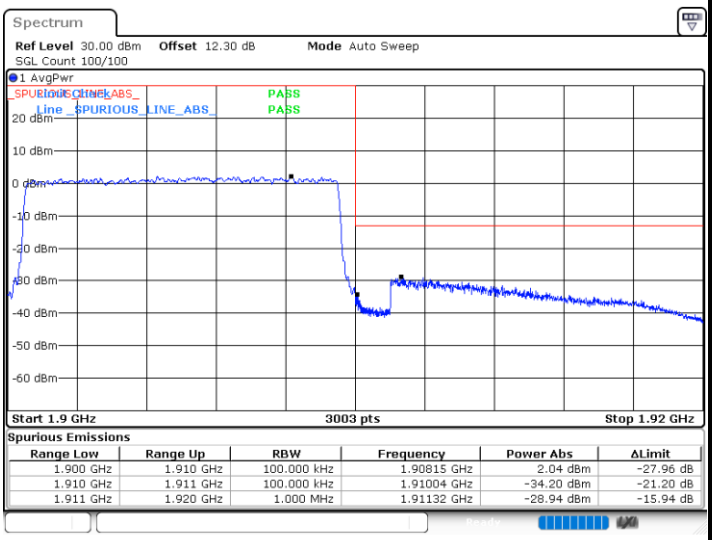


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84877 GHz	-30.76 dBm	-17.76 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-33.79 dBm	-20.79 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85529 GHz	2.26 dBm	-27.74 dB

Date: 27.FEB.2025 18:53:30

Highest Band Edge / Full RB



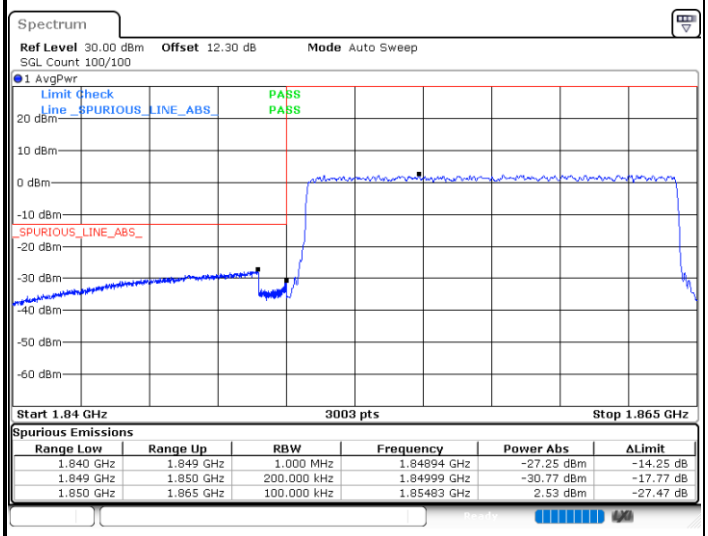
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.910 GHz	100.000 kHz	1.90815 GHz	2.04 dBm	-27.96 dB
1.910 GHz	1.911 GHz	100.000 kHz	1.91004 GHz	-34.20 dBm	-21.20 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91132 GHz	-28.94 dBm	-15.94 dB

Date: 27.FEB.2025 18:56:14

LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB

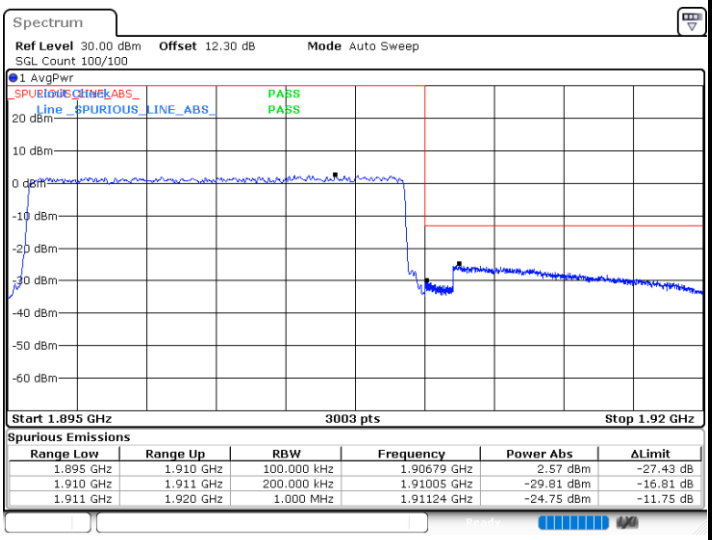


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84894 GHz	-27.25 dBm	-14.25 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84999 GHz	-30.77 dBm	-17.77 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85483 GHz	2.53 dBm	-27.47 dB

Date: 27.FEB.2025 19:06:44

Highest Band Edge / Full RB



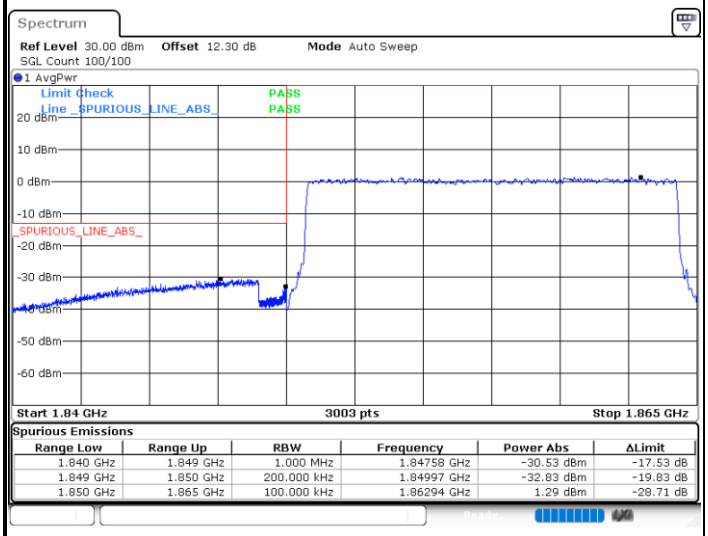
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90679 GHz	2.57 dBm	-27.43 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91005 GHz	-29.81 dBm	-16.81 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91124 GHz	-24.75 dBm	-11.75 dB

Date: 27.FEB.2025 19:09:29

LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / Full RB

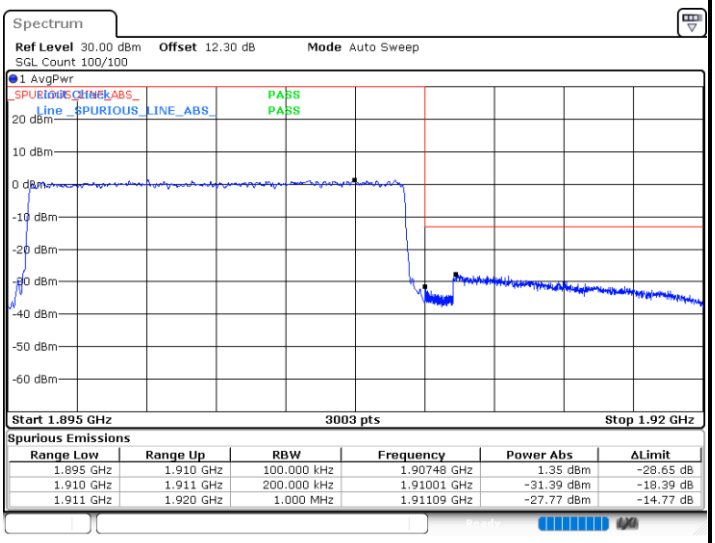


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84758 GHz	-30.53 dBm	-17.53 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84997 GHz	-32.83 dBm	-19.83 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86294 GHz	1.29 dBm	-28.71 dB

Date: 27.FEB.2025 19:07:39

Highest Band Edge / Full RB



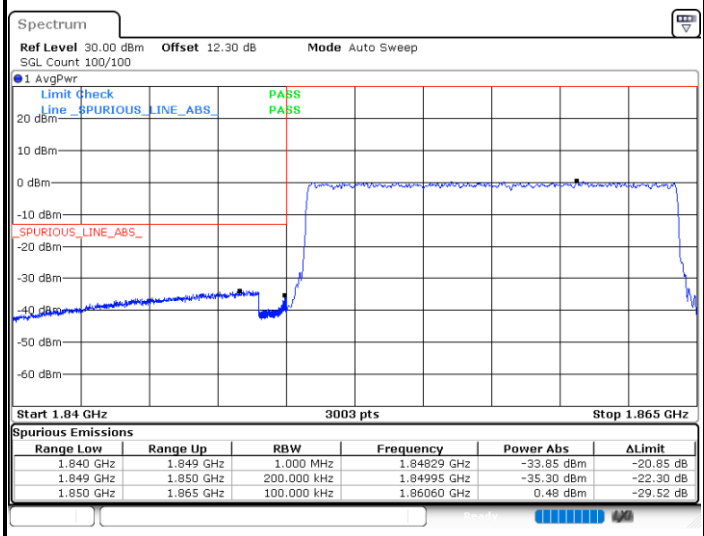
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90748 GHz	1.35 dBm	-28.65 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91001 GHz	-31.39 dBm	-18.39 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-27.77 dBm	-14.77 dB

Date: 27.FEB.2025 19:10:23

LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / Full RB

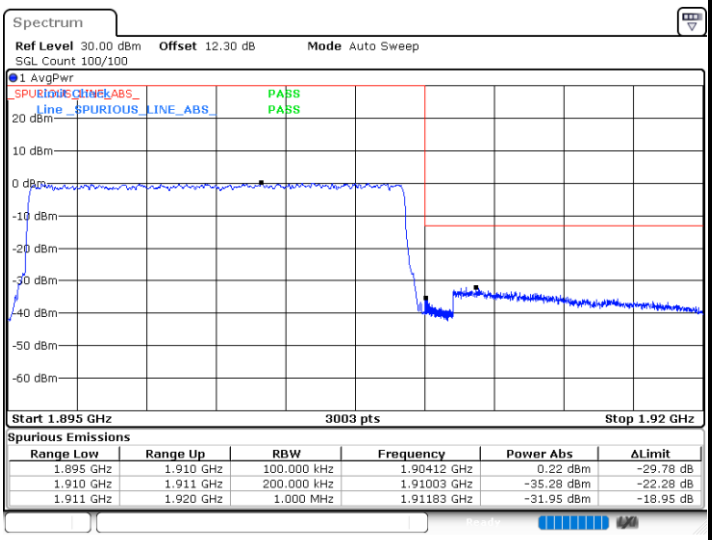


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84829 GHz	-33.85 dBm	-20.85 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84995 GHz	-35.30 dBm	-22.30 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.86060 GHz	0.48 dBm	-29.52 dB

Date: 27.FEB.2025 19:08:34

Highest Band Edge / Full RB



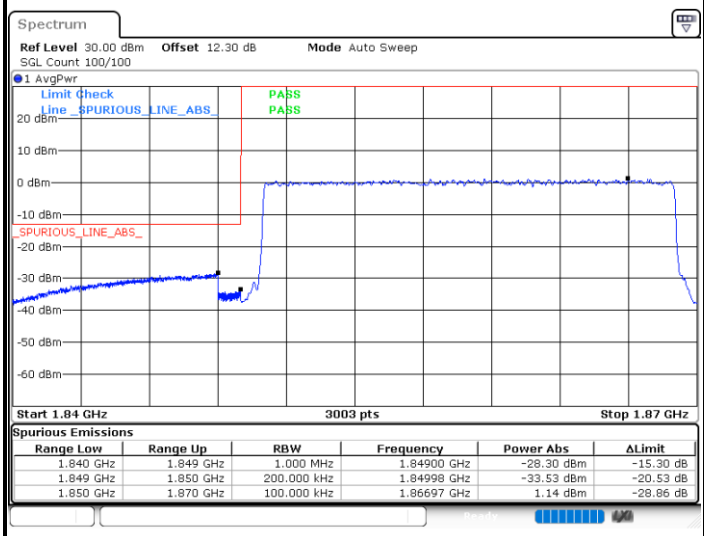
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.910 GHz	100.000 kHz	1.90412 GHz	0.22 dBm	-29.78 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-35.28 dBm	-22.28 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91183 GHz	-31.95 dBm	-18.95 dB

Date: 27.FEB.2025 19:11:18

LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB

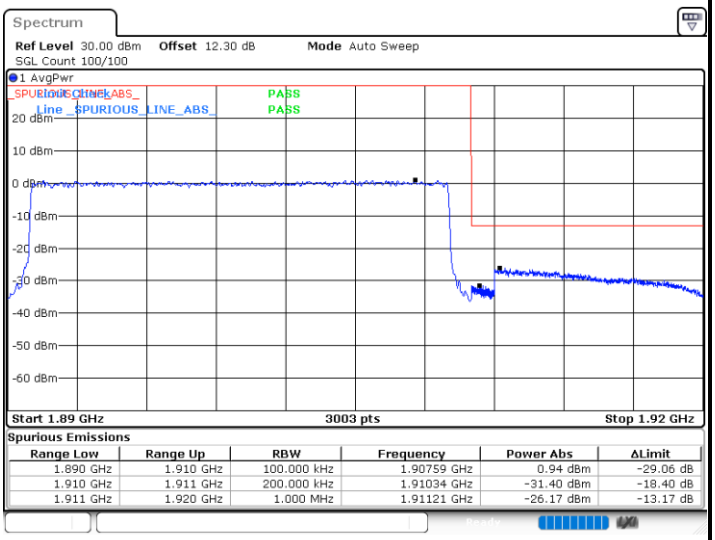


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-28.30 dBm	-15.30 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-33.53 dBm	-20.53 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86697 GHz	1.14 dBm	-28.86 dB

Date: 27.FEB.2025 19:14:56

Highest Band Edge / Full RB



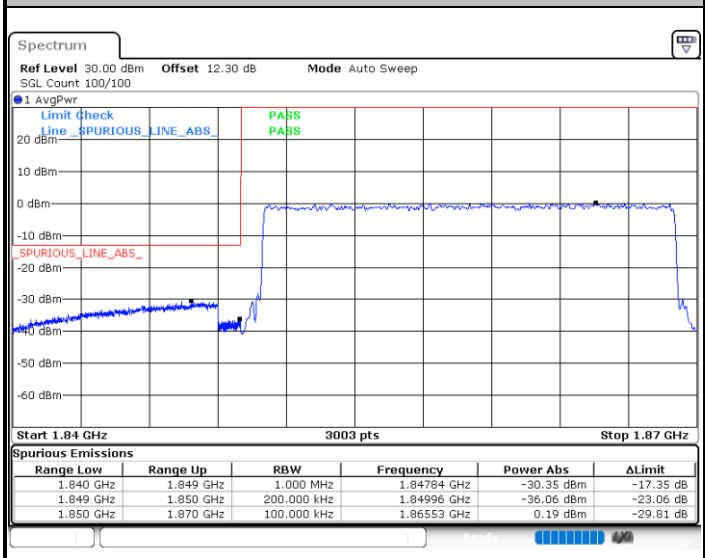
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90759 GHz	0.94 dBm	-29.06 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91034 GHz	-31.40 dBm	-18.40 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91121 GHz	-26.17 dBm	-13.17 dB

Date: 27.FEB.2025 19:17:33

LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / Full RB

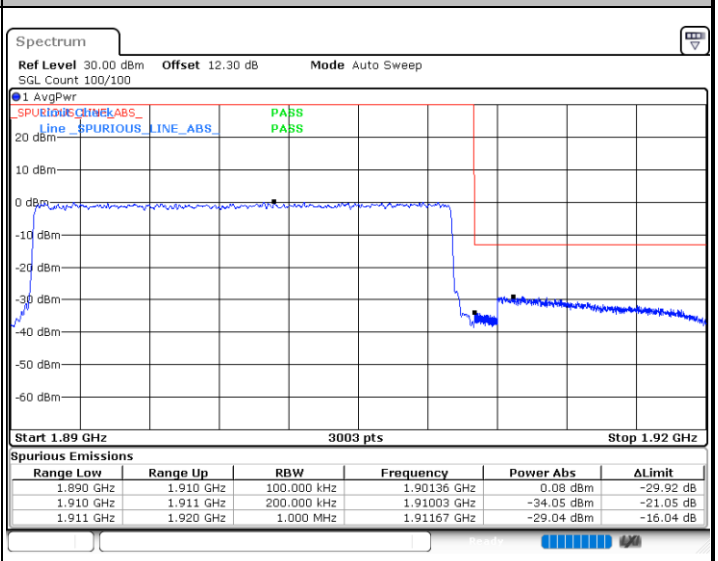


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84784 GHz	-30.35 dBm	-17.35 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84996 GHz	-36.06 dBm	-23.06 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86553 GHz	0.19 dBm	-29.81 dB

Date: 27.FEB.2025 19:15:48

Highest Band Edge / Full RB



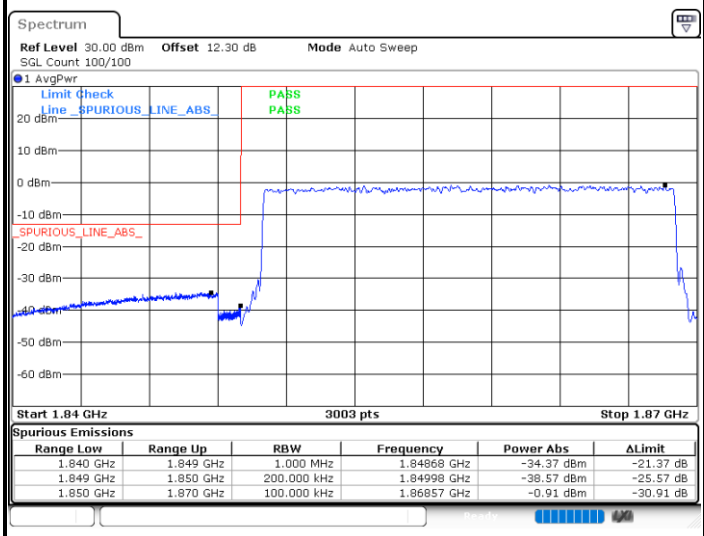
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90136 GHz	0.08 dBm	-29.92 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-34.05 dBm	-21.05 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91167 GHz	-29.04 dBm	-16.04 dB

Date: 27.FEB.2025 19:18:26

LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84868 GHz	-34.37 dBm	-21.37 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-38.57 dBm	-25.57 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86857 GHz	-0.91 dBm	-30.91 dB

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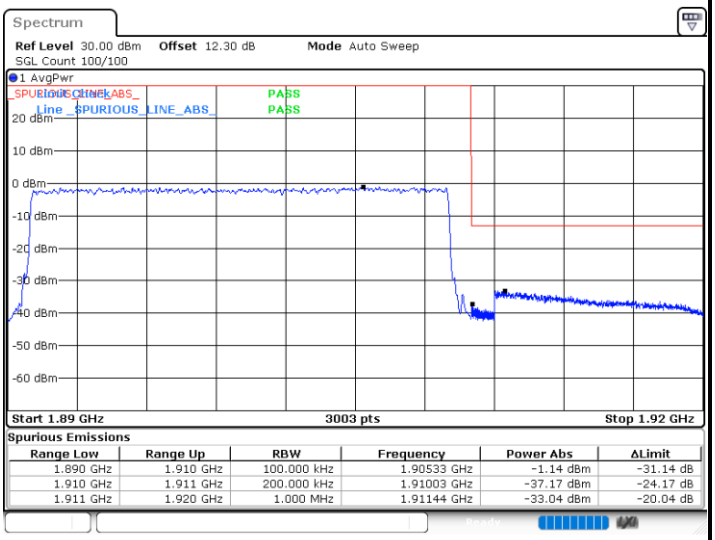
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.890 GHz	1.910 GHz	100.000 kHz	1.90533 GHz	-1.14 dBm	-31.14 dB
1.910 GHz	1.911 GHz	200.000 kHz	1.91003 GHz	-37.17 dBm	-24.17 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91144 GHz	-33.04 dBm	-20.04 dB

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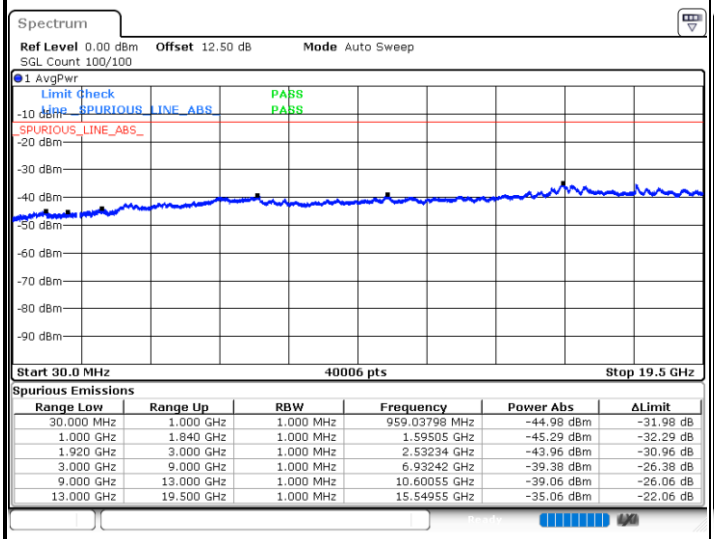
Conducted Spurious Emission

LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-44.98 dBm	-31.98 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59505 GHz	-45.29 dBm	-32.29 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.53234 GHz	-43.96 dBm	-30.96 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93242 GHz	-39.38 dBm	-26.38 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.60055 GHz	-39.06 dBm	-26.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.54955 GHz	-35.06 dBm	-22.06 dB

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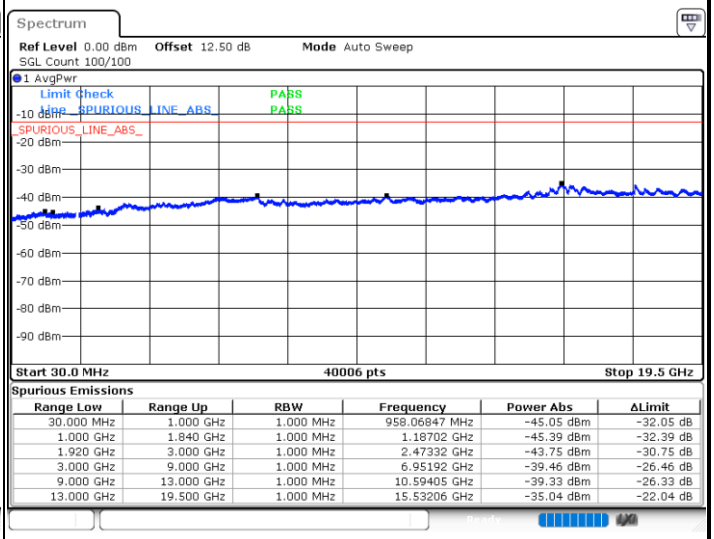
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-45.05 dBm	-32.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.18702 GHz	-45.39 dBm	-32.39 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.47332 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95192 GHz	-39.46 dBm	-26.46 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.59405 GHz	-39.33 dBm	-26.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53206 GHz	-35.04 dBm	-22.04 dB

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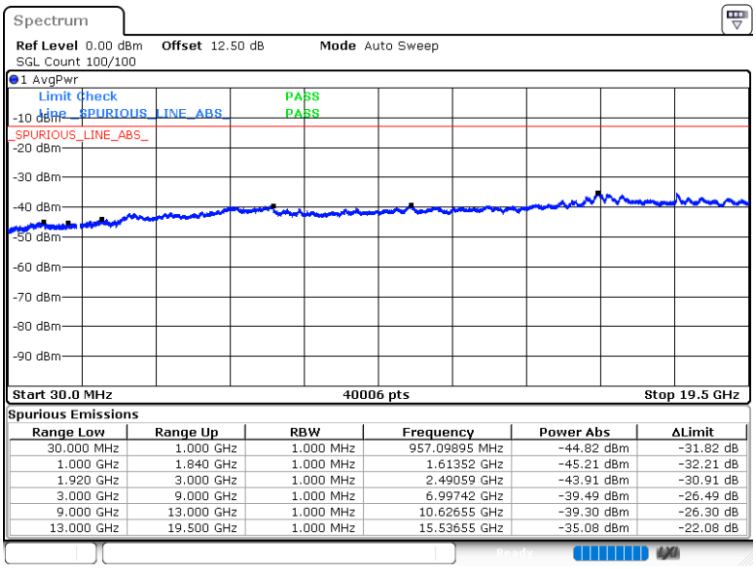
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-44.82 dBm	-31.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61352 GHz	-45.21 dBm	-32.21 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49059 GHz	-43.91 dBm	-30.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-39.49 dBm	-26.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.62655 GHz	-39.30 dBm	-26.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.53655 GHz	-35.08 dBm	-22.08 dB

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