FCC RF Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	XT2519-1, XT2519-2, XT2519V
FCC ID	:	IHDT56AU6
STANDARD	:	47 CFR Part 27(M)
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	:	Jan. 15, 2025 ~ Feb. 15, 2025

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

This report contains data that were produced under subcontract by Sporton International Inc. (ShenZhen)

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED
Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China

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APPENDIX A. TEST RESULTS OF CONDUCTED TEST

APPENDIX B. TEST RESULTS OF RADIATED TEST

APPENDIX C. TEST SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG510740C	Rev. 01	Initial issue of report	Mar. 07, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 7) (Band 38) (Band 41)	EIRP < 2Watt	PASS	-
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)	§27.53(m)(4)	PASS	-
3.8	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)	< $55+10\log_{10}$(P[Watts])	PASS	-
3.9	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	< $55+10\log_{10}$(P[Watts])	PASS	Under limit 24.29 dB at 8013.00 MHz

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.

1 General Description

1.1 Applicant

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2519-1, XT2519-2, XT2519V
FCC ID	IHDT56AU6
IMEI Code	Conducted: 355782390039091/355782390039109 Radiation: 355782390037798/355782390037806
HW Version	DVT2
SW Version	V2VD35.27
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The different model name is different for market purpose.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 7 : 2500 MHz ~ 2570 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Rx Frequency	LTE Band 7 : 2620 MHz ~ 2690 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Bandwidth	LTE Band 7 : 5MHz/ 10MHz / 15MHz / 20MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT0>: LTE Band 38 : 22.56 dBm LTE Band 41 : 24.54 dBm LTE CA_41C : 24.37 dBm <ANT1>: LTE Band 38 : 22.84 dBm LTE Band 41 : 25.21 dBm LTE CA_41C : 25.06 dBm <ANT2>: LTE Band 7 : 23.08 dBm LTE Band 38 : 22.63 dBm LTE Band 41 : 25.67 dBm LTE CA_41C : 25.54 dBm <ANT10>: LTE Band 38 : 22.79 dBm LTE Band 41 : 24.23 dBm LTE CA_41C : 24.18 dBm
Antenna Gain	<ANT0>: LTE Band 38 : -3.5 dBi LTE Band 41 : -3.5 dBi <ANT1>: LTE Band 38 : -1.3 dBi LTE Band 41 : -1.3 dBi <ANT2>: LTE Band 7 : -2.2 dBi LTE Band 38 : -2.9 dBi LTE Band 41 : -2.9 dBi <ANT10>: LTE Band 38 : -4.7 dBi LTE Band 41 : -4.7 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum EIRP is calculated from max output power and max antenna gain, so only the maximum EIRP of Antenna 2 for LTE Band7 and Antenna 1 for LTE Band38/41/41C are shown in the report.
2. LTE B41 supports HPUE mode (PC2).
3. The device supports two PAs for LTE Band 41, (main PA and other PA), both the PAs are full tested, only the worst EIRP are shown in the report.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum EIRP Power and Emission Designator

LTE Band 7		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.1205	4M49G7D	0.1047	4M49W7D
10	2505.0 ~ 2565.0	0.1199	8M99G7D	0.1040	9M07W7D
15	2507.5 ~ 2562.5	0.1219	13M4G7D	0.1042	13M5W7D
20	2510.0 ~ 2560.0	0.1225	17M8G7D	0.1047	17M9W7D
LTE Band 38		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.1396	4M49G7D	0.1199	4M50W7D
10	2575.0 ~ 2615.0	0.1416	9M01G7D	0.1183	9M03W7D
15	2577.5 ~ 2612.5	0.1406	13M4G7D	0.1191	13M5W7D
20	2580.0 ~ 2610.0	0.1426	17M9G7D	0.1202	17M9W7D
LTE Band 41		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.2443	4M49G7D	0.2089	4M50W7D
10	2501.0 ~ 2685.0	0.2438	9M01G7D	0.2046	9M03W7D
15	2503.5 ~ 2682.5	0.2443	13M4G7D	0.2065	13M5W7D
20	2506.0 ~ 2680.0	0.2460	17M9G7D	0.2109	17M9W7D
LTE Band 41 CA		QPSK		16QAM/64QAM/256QAM	
BW (MHz)		Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5MHz+20MHz		0.2366	23M3G7D	0.1968	23M3W7D
10MHz+20MHz		0.2312	28M0G7D	0.1991	28M2W7D
10MHz+15MHz		0.2377	23M4G7D	0.1950	23M4W7D
15MHz+15MHz		0.2360	28M7G7D	0.1991	28M8W7D
15MHz+20MHz		0.2334	32M9G7D	0.1972	32M9W7D
15MHz+10MHz		0.2355	23M5G7D	0.1963	23M6W7D

20MHz+5MHz	0.2360	23M3G7D	0.1972	23M3W7D
20MHz+10MHz	0.2360	28M2G7D	0.1986	28M1W7D
20MHz+15MHz	0.2399	33M0G7D	0.1986	32M9W7D
20MHz+20MHz	0.2344	37M7G7D	0.1954	37M8W7D

Note:

1. LTE Band 41 overlaps the entire frequency range of LTE Band 38. Therefore, the test results provided in this report covers Band 41 as well as Band 38.
2. All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-KS	CN1257	314309

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH03-SZ	CN1256	421272

Test data subcontracted: Radiated Spurious Emission test case in section 4.4 of this report

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-SZ	AUDIX	E3	6.2009-8-24

1.9 Applicable Standards

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

- 47 CFR Part 27(M)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

1.10 Specification of Accessory

Accessories Information				
Battery	**Brand Name**	Motorola(ATL)	**Model Name**	RM52
USB Cable 1	**Brand Name**	Motorola(saibao)	**Model Name**	SC18D86731
USB Cable 2	**Brand Name**	Motorola(Luxshare)	**Model Name**	SC18E08103

2 Test Configuration of Equipment Under Test

2.1 Test Mode

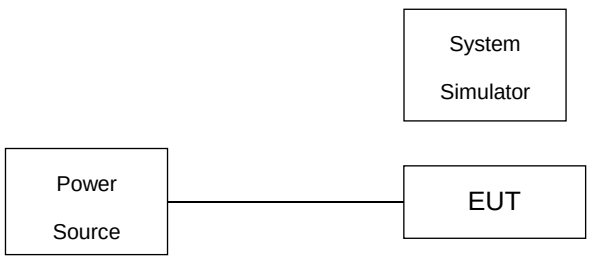
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission. (Z Plane)

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	7	-	-				v	v	v	v		v		v		v	
	41	-	-				v	v	v	v		v		v		v	
26dB and 99% Bandwidth	7	-	-	v	v	v	v	v	v					v		v	
	41	-	-	v	v	v	v	v	v					v		v	
Conducted Band Edge	7	-	-	v	v	v	v	v	v	v		v		v	v		v
	41	-	-	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	7	-	-	v	v	v	v	v	v	v		v			v	v	v
	41	-	-	v	v	v	v	v	v	v		v			v	v	v
Frequency Stability	7	-	-	v				v						v		v	
	41	-	-	v				v						v		v	
E.I.R.P.	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	7	Worst Case													v	v	v
	41	Worst Case													v	v	v
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 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 emissions are reported. 4. LTE Band 41 overlaps the entire frequency range of LTE Band 38. Therefore, the test results provided in this report covers Band 41 as well as Band 38.																

Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v
26dB and 99% Bandwidth	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v
Conducted Band Edge	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v		v			v	v	v
E.I.R.P.	41C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v
Radiated Spurious Emission	41C_CA	Worst Case																	v	v	v
Note	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 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 emissions are reported.																				

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Power Supply	GWINSTEK	PSS-2002	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.0 dB and 10dB attenuator.

Example :

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

= 5.0 + 10 = 15.0 (dB)

2.5 Frequency List of Low/Middle/High Channels

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 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580	2595	2610
15	Channel	37825	38000	38175
	Frequency	2577.5	2595	2612.5
10	Channel	37800	38000	38200
	Frequency	2575	2595	2615
5	Channel	37775	38000	38225
	Frequency	2572.5	2595	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506	2593	2680
15	Channel	39725	40620	41515
	Frequency	2503.5	2593	2682.5
10	Channel	39700	40620	41540
	Frequency	2501	2593	2685
5	Channel	39675	40620	41565
	Frequency	2498.5	2593	2687.5

LTE Band 41C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0

20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0

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

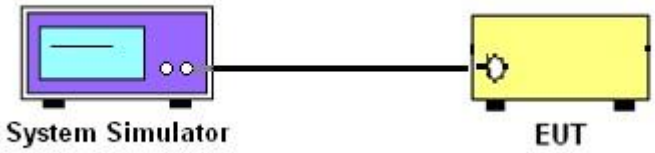
3 Conducted Test Items

3.1 Measuring Instruments

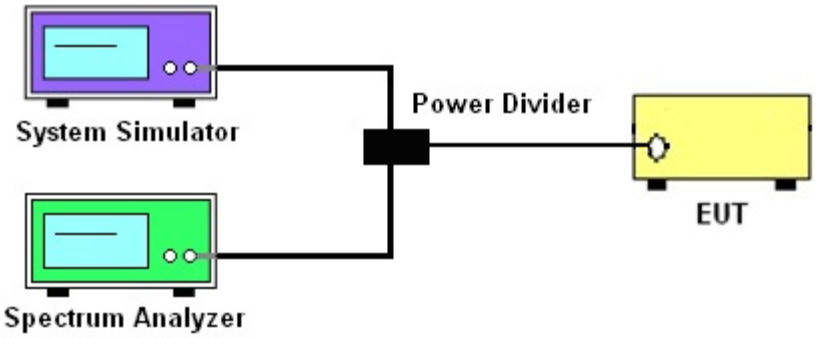
See list of measuring instruments of this test report.

3.2 Test Setup

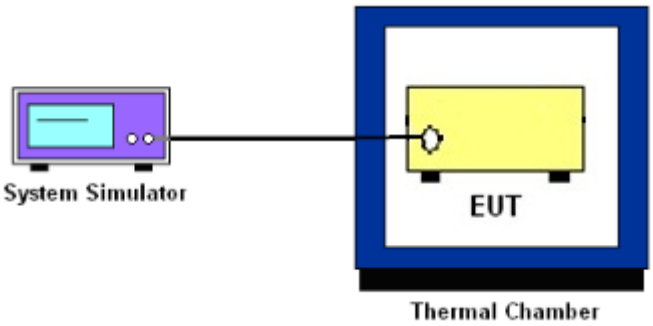
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and EIRP

3.4.1 Description of the Conducted Output Power Measurement and 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 EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 7 and Band 38 and Band 41.

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

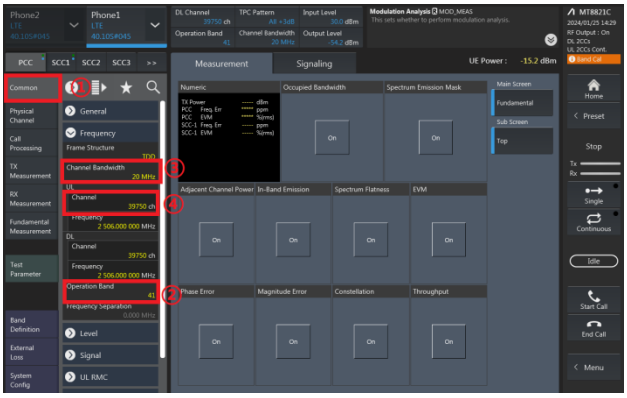
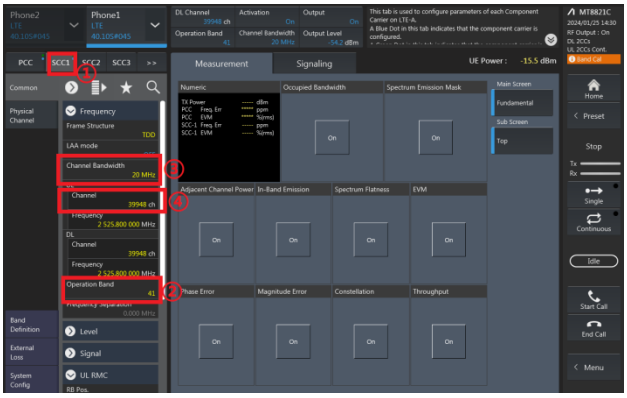
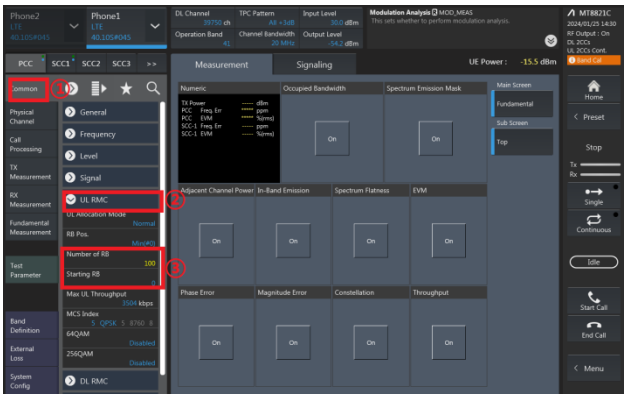
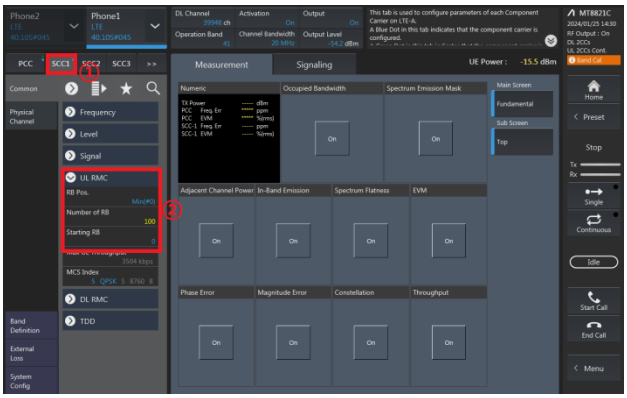
L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

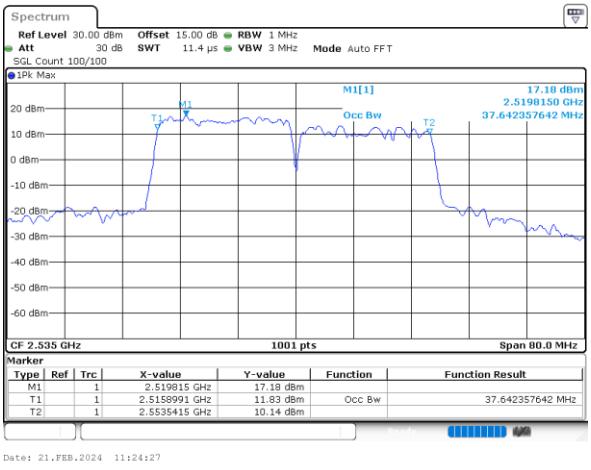
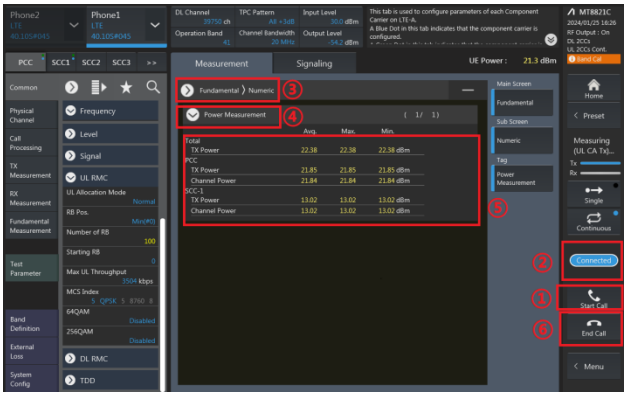
1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.4.3 Test Procedures for LTE ULCA

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter PCC & SCC output ports were connected to the system simulator.
3. Set EUT at maximum power, set the PCC/SCC CA band, channel, bandwidth and RB config.

PCC config_(Channel Bandwidth / Channel / Band)	SCC config_(Channel Bandwidth / Channel / Band)
	
PCC config_(Number of RB / Starting RB)	SCC config_(Number of RB / Starting RB)
	

4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

Check the ULCA spectrum (eg. 20M+20M)	Read the Total UL CA output power (PCC+SCC)
	

3.5 Peak-to-Average Ratio

3.5.1 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.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.

3.6 Occupied Bandwidth

3.6.1 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.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. 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.
5. Set the detection mode to peak, and the trace mode to max hold.
6. 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)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. 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.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

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.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used or a narrower RBW was used and the measured power was integrated over the full required measurement bandwidth of 1 MHz.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

   Example:

   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

   = P(W)- [43 + 10log(P)] (dB)

   = [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB) = -13dBm.
9. For LTE Band 7, 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.
10. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

For Band 7,38,41:

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

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. 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.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. For Band 7, 38, 41

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

    = P(W)- [55+ 10log(P)] (dB)

    = [30+ 10log(P)] (dBm) - [55+ 10log(P)] (dB)

    = -25dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. 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.
4. 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.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at 20±5°C and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

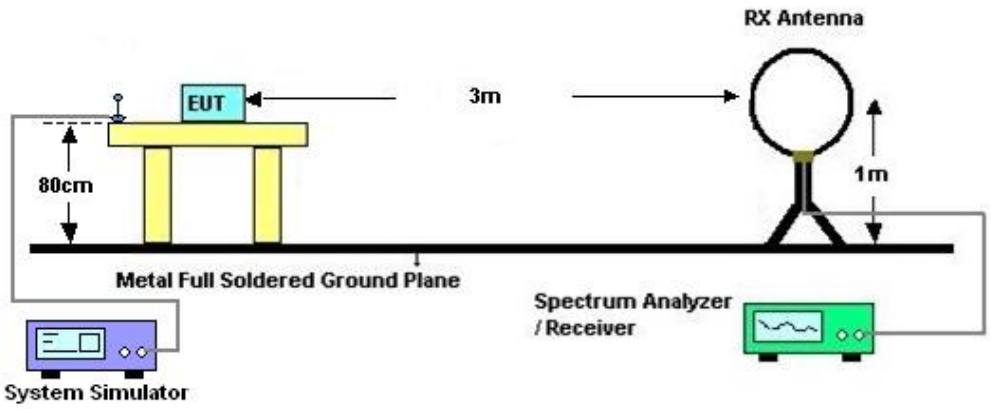
4 Radiated Test Items

4.1 Measuring Instruments

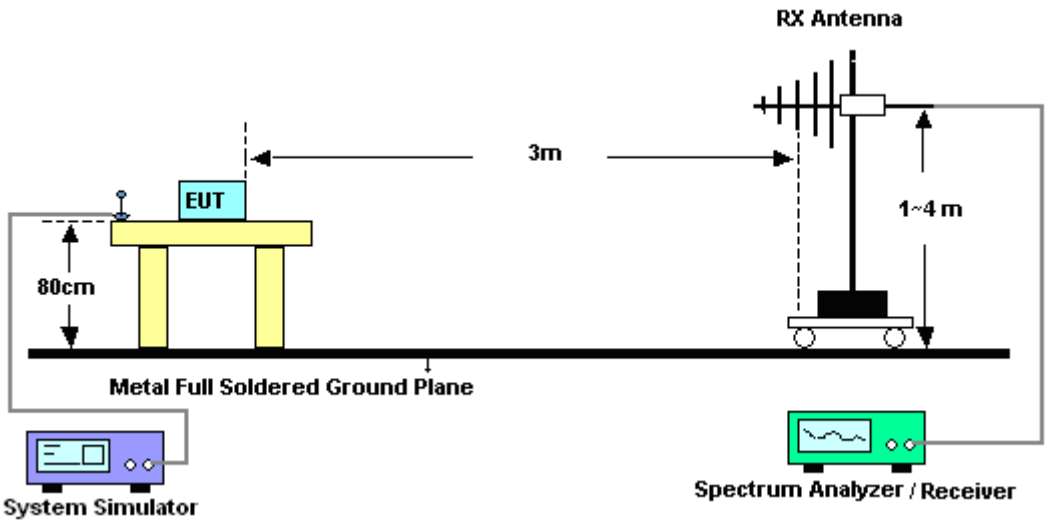
See list of measuring instruments of this test report.

4.2 Test Setup

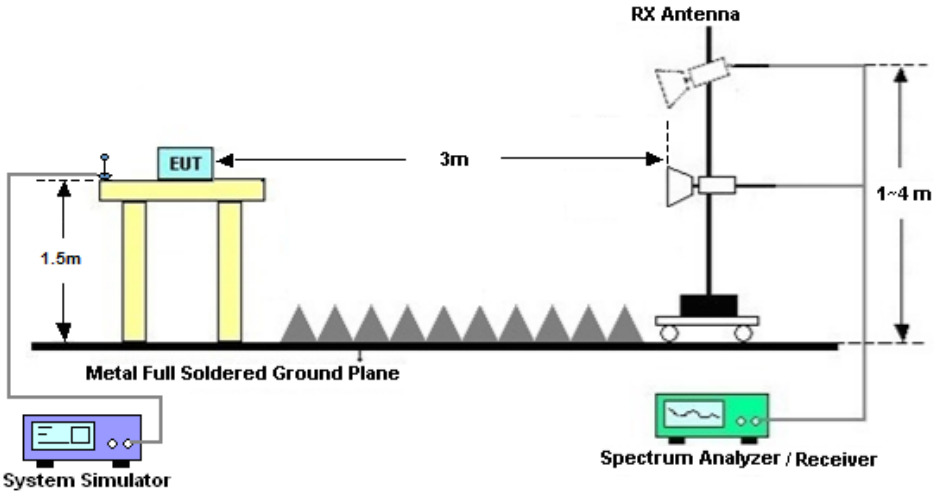
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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.

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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

For Band 7, 38, 41

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

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
11. ERP (dBm) = EIRP - 2.15
12. For Band 7, 38, 41:
    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 10, 2024	Jan. 15, 2025~ Feb. 11, 2025	Oct. 09, 2025	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Jan. 15, 2025~ Feb. 11, 2025	NCR	Conducted (TH01-KS)
Temperature & humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 04, 2024	Jan. 15, 2025~ Feb. 11, 2025	Jul. 03, 2025	Conducted (TH01-KS)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 09, 2024	Feb. 15, 2025	Apr. 08, 2025	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Feb. 15, 2025	Dec. 27, 2025	Radiation (03CH03-SZ)
EXA Spectrum Anaiyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 09, 2024	Feb. 15, 2025	Apr. 08, 2025	Radiation (03CH03-SZ
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Aug. 20, 2023	Feb. 15, 2025	Aug. 19, 2025	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 09, 2024	Feb. 15, 2025	Apr. 08, 2025	Radiation (03CH03-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 09, 2024	Feb. 15, 2025	Apr. 08, 2025	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2024	Feb. 15, 2025	Jul. 02, 2025	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Feb. 15, 2025	Apr. 08, 2025	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	N/A	Oct. 18, 2024	Feb. 15, 2025	Oct. 17, 2025	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Feb. 15, 2025	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Feb. 15, 2025	NCR	Radiation (03CH03-SZ)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	±2.22 dB
Occupied Channel Bandwidth	±0.1%
Conducted Power	±0.50 dB
Peak to Average Ratio	±0.90 dB
Frequency Stability	±0.04ppm

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.0 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.6 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.8 dB

---------- THE END ----------

Appendix A. Test Results of Conducted Test

Test Engineer :	Fly	Temperature :	22~23℃
		Relative Humidity :	40~42%

Conducted Output Power(Average power) and EIRP

LTE Band 7_ANT2:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	23.03	23.08	22.96	0.1211	0.1225	0.1191
20	QPSK	1	49	22.91	22.89	22.79	0.1178	0.1172	0.1146
20	QPSK	1	99	22.75	22.92	22.81	0.1135	0.1180	0.1151
20	QPSK	50	0	21.94	22.11	22.08	0.0942	0.0979	0.0973
20	QPSK	50	24	21.85	21.93	21.84	0.0923	0.0940	0.0920
20	QPSK	50	50	21.88	21.92	21.81	0.0929	0.0938	0.0914
20	QPSK	100	0	21.95	22.09	22.02	0.0944	0.0975	0.0959
20	16QAM	1	0	22.20	22.40	22.24	0.1000	0.1047	0.1009
20	16QAM	1	49	22.21	22.31	22.17	0.1002	0.1026	0.0993
20	16QAM	1	99	22.23	22.29	22.20	0.1007	0.1021	0.1000
20	16QAM	50	0	20.91	20.95	20.88	0.0743	0.0750	0.0738
20	16QAM	50	24	20.89	21.03	20.80	0.0740	0.0764	0.0724
20	16QAM	50	50	20.75	20.91	20.89	0.0716	0.0743	0.0740
20	16QAM	100	0	20.90	20.93	20.88	0.0741	0.0746	0.0738
20	64QAM	1	0	21.12	21.26	21.27	0.0780	0.0805	0.0807
20	64QAM	1	49	21.06	21.15	21.15	0.0769	0.0785	0.0785
20	64QAM	1	99	21.08	21.18	21.16	0.0773	0.0791	0.0787
20	64QAM	50	0	19.86	19.91	19.87	0.0583	0.0590	0.0585
20	64QAM	50	24	19.87	19.84	19.71	0.0585	0.0581	0.0564
20	64QAM	50	50	19.83	19.87	19.74	0.0579	0.0585	0.0568
20	64QAM	100	0	19.83	19.91	19.75	0.0579	0.0590	0.0569
20	256QAM	1	0	18.15	18.19	18.07	0.0394	0.0397	0.0386
20	256QAM	1	49	18.04	18.08	18.00	0.0384	0.0387	0.0380
20	256QAM	1	99	18.07	18.00	18.12	0.0386	0.0380	0.0391
20	256QAM	50	0	17.82	17.93	17.88	0.0365	0.0374	0.0370
20	256QAM	50	24	17.74	17.83	17.66	0.0358	0.0366	0.0352
20	256QAM	50	50	17.78	17.84	17.82	0.0361	0.0366	0.0365
20	256QAM	100	0	17.93	17.92	17.81	0.0374	0.0373	0.0364
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H

15	QPSK	1	0	22.99	23.06	22.85	0.1199	0.1219	0.1161
15	QPSK	1	37	22.90	22.89	22.77	0.1175	0.1172	0.1140
15	QPSK	1	74	22.67	22.85	22.70	0.1114	0.1161	0.1122
15	QPSK	36	0	21.90	22.07	21.99	0.0933	0.0971	0.0953
15	QPSK	36	20	21.74	21.92	21.83	0.0899	0.0938	0.0918
15	QPSK	36	39	21.76	21.83	21.73	0.0904	0.0918	0.0897
15	QPSK	75	0	21.88	22.00	22.00	0.0929	0.0955	0.0955
15	16QAM	1	0	22.09	22.38	22.20	0.0975	0.1042	0.1000
15	16QAM	1	37	22.16	22.22	22.10	0.0991	0.1005	0.0977
15	16QAM	1	74	22.15	22.18	22.09	0.0989	0.0995	0.0975
15	16QAM	36	0	20.91	20.89	20.88	0.0743	0.0740	0.0738
15	16QAM	36	20	20.82	20.95	20.78	0.0728	0.0750	0.0721
15	16QAM	36	39	20.68	20.85	20.86	0.0705	0.0733	0.0735
15	16QAM	75	0	20.85	20.87	20.84	0.0733	0.0736	0.0731
15	64QAM	1	0	21.03	21.23	21.17	0.0764	0.0800	0.0789
15	64QAM	1	37	21.04	21.15	21.12	0.0766	0.0785	0.0780
15	64QAM	1	74	21.06	21.08	21.12	0.0769	0.0773	0.0780
15	64QAM	36	0	19.81	19.90	19.80	0.0577	0.0589	0.0575
15	64QAM	36	20	19.85	19.75	19.71	0.0582	0.0569	0.0564
15	64QAM	36	39	19.77	19.86	19.63	0.0571	0.0583	0.0553
15	64QAM	75	0	19.78	19.87	19.72	0.0573	0.0585	0.0565
15	256QAM	1	0	18.15	18.18	17.97	0.0394	0.0396	0.0378
15	256QAM	1	37	17.99	17.97	17.90	0.0379	0.0378	0.0372
15	256QAM	1	74	17.98	17.92	18.05	0.0378	0.0373	0.0385
15	256QAM	36	0	17.77	17.92	17.82	0.0361	0.0373	0.0365
15	256QAM	36	20	17.70	17.78	17.61	0.0355	0.0361	0.0348
15	256QAM	36	39	17.74	17.83	17.74	0.0358	0.0366	0.0358
15	256QAM	75	0	17.88	17.92	17.73	0.0370	0.0373	0.0357
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	22.93	22.99	22.90	0.1183	0.1199	0.1175
10	QPSK	1	25	22.87	22.78	22.74	0.1167	0.1143	0.1132
10	QPSK	1	49	22.69	22.82	22.71	0.1119	0.1153	0.1125
10	QPSK	25	0	21.86	22.07	22.00	0.0925	0.0971	0.0955
10	QPSK	25	12	21.84	21.85	21.78	0.0920	0.0923	0.0908
10	QPSK	25	25	21.87	21.89	21.74	0.0927	0.0931	0.0899
10	QPSK	50	0	21.86	22.04	21.96	0.0925	0.0964	0.0946
10	16QAM	1	0	22.17	22.37	22.20	0.0993	0.1040	0.1000
10	16QAM	1	25	22.16	22.31	22.10	0.0991	0.1026	0.0977
10	16QAM	1	49	22.14	22.24	22.16	0.0986	0.1009	0.0991
10	16QAM	25	0	20.90	20.84	20.80	0.0741	0.0731	0.0724
10	16QAM	25	12	20.81	20.98	20.72	0.0726	0.0755	0.0711
10	16QAM	25	25	20.71	20.81	20.84	0.0710	0.0726	0.0731
10	16QAM	50	0	20.78	20.82	20.81	0.0721	0.0728	0.0726
10	64QAM	1	0	21.03	21.16	21.23	0.0764	0.0787	0.0800
10	64QAM	1	25	21.04	21.09	21.07	0.0766	0.0774	0.0771
10	64QAM	1	49	21.05	21.07	21.06	0.0767	0.0771	0.0769

10	64QAM	25	0	19.77	19.84	19.82	0.0571	0.0581	0.0578
10	64QAM	25	12	19.81	19.73	19.63	0.0577	0.0566	0.0553
10	64QAM	25	25	19.77	19.78	19.67	0.0571	0.0573	0.0558
10	64QAM	50	0	19.82	19.88	19.65	0.0578	0.0586	0.0556
10	256QAM	1	0	18.14	18.09	18.01	0.0393	0.0388	0.0381
10	256QAM	1	25	17.97	18.04	17.90	0.0378	0.0384	0.0372
10	256QAM	1	49	18.06	17.99	18.09	0.0385	0.0379	0.0388
10	256QAM	25	0	17.76	17.85	17.82	0.0360	0.0367	0.0365
10	256QAM	25	12	17.67	17.78	17.66	0.0352	0.0361	0.0352
10	256QAM	25	25	17.70	17.83	17.81	0.0355	0.0366	0.0364
10	256QAM	50	0	17.86	17.84	17.74	0.0368	0.0366	0.0358
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	22.94	23.01	22.84	0.1186	0.1205	0.1159
5	QPSK	1	12	22.84	22.85	22.78	0.1159	0.1161	0.1143
5	QPSK	1	24	22.67	22.85	22.77	0.1114	0.1161	0.1140
5	QPSK	12	0	21.87	22.08	22.07	0.0927	0.0973	0.0971
5	QPSK	12	7	21.75	21.87	21.81	0.0902	0.0927	0.0914
5	QPSK	12	13	21.84	21.91	21.71	0.0920	0.0935	0.0893
5	QPSK	25	0	21.86	22.02	21.90	0.0925	0.0959	0.0933
5	16QAM	1	0	22.16	22.40	22.15	0.0991	0.1047	0.0989
5	16QAM	1	12	22.16	22.22	22.07	0.0991	0.1005	0.0971
5	16QAM	1	24	22.20	22.27	22.09	0.1000	0.1016	0.0975
5	16QAM	12	0	20.88	20.83	20.85	0.0738	0.0729	0.0733
5	16QAM	12	7	20.82	20.99	20.69	0.0728	0.0757	0.0706
5	16QAM	12	13	20.72	20.83	20.85	0.0711	0.0729	0.0733
5	16QAM	25	0	20.83	20.83	20.88	0.0729	0.0729	0.0738
5	64QAM	1	0	21.04	21.26	21.27	0.0766	0.0805	0.0807
5	64QAM	1	12	21.04	21.10	21.11	0.0766	0.0776	0.0778
5	64QAM	1	24	20.97	21.15	21.10	0.0753	0.0785	0.0776
5	64QAM	12	0	19.84	19.84	19.82	0.0581	0.0581	0.0578
5	64QAM	12	7	19.80	19.73	19.65	0.0575	0.0566	0.0556
5	64QAM	12	13	19.71	19.83	19.67	0.0564	0.0579	0.0558
5	64QAM	25	0	19.81	19.83	19.66	0.0577	0.0579	0.0557
5	256QAM	1	0	18.05	18.15	18.05	0.0385	0.0394	0.0385
5	256QAM	1	12	17.95	18.04	17.91	0.0376	0.0384	0.0372
5	256QAM	1	24	18.01	17.92	18.09	0.0381	0.0373	0.0388
5	256QAM	12	0	17.82	17.83	17.79	0.0365	0.0366	0.0362
5	256QAM	12	7	17.69	17.75	17.64	0.0354	0.0359	0.0350
5	256QAM	12	13	17.75	17.82	17.77	0.0359	0.0365	0.0361
5	256QAM	25	0	17.84	17.82	17.81	0.0366	0.0365	0.0364

LTE Band 38_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	22.76	22.84	22.69	0.1400	0.1426	0.1377
20	QPSK	1	49	22.64	22.67	22.54	0.1361	0.1371	0.1330
20	QPSK	1	99	22.46	22.62	22.50	0.1306	0.1355	0.1318
20	QPSK	50	0	21.64	21.82	21.79	0.1081	0.1127	0.1119
20	QPSK	50	24	21.58	21.74	21.59	0.1067	0.1107	0.1069
20	QPSK	50	50	21.60	21.60	21.49	0.1072	0.1072	0.1045
20	QPSK	100	0	21.73	21.79	21.72	0.1104	0.1119	0.1102
20	16QAM	1	0	21.92	22.07	22.07	0.1153	0.1194	0.1194
20	16QAM	1	49	21.89	22.10	21.91	0.1146	0.1202	0.1151
20	16QAM	1	99	21.86	22.04	21.96	0.1138	0.1186	0.1164
20	16QAM	50	0	20.68	20.75	20.56	0.0867	0.0881	0.0843
20	16QAM	50	24	20.54	20.76	20.54	0.0839	0.0883	0.0839
20	16QAM	50	50	20.53	20.66	20.61	0.0838	0.0863	0.0853
20	16QAM	100	0	20.63	20.66	20.63	0.0857	0.0863	0.0857
20	64QAM	1	0	20.87	20.93	20.92	0.0906	0.0918	0.0916
20	64QAM	1	49	20.79	20.99	20.90	0.0889	0.0931	0.0912
20	64QAM	1	99	20.71	20.85	20.84	0.0873	0.0902	0.0899
20	64QAM	50	0	19.60	19.72	19.63	0.0676	0.0695	0.0681
20	64QAM	50	24	19.53	19.60	19.52	0.0665	0.0676	0.0664
20	64QAM	50	50	19.62	19.58	19.57	0.0679	0.0673	0.0671
20	64QAM	100	0	19.59	19.65	19.55	0.0675	0.0684	0.0668
20	256QAM	1	0	17.79	17.85	17.83	0.0446	0.0452	0.0450
20	256QAM	1	49	17.81	17.89	17.75	0.0448	0.0456	0.0442
20	256QAM	1	99	17.77	17.83	17.78	0.0444	0.0450	0.0445
20	256QAM	50	0	17.57	17.73	17.59	0.0424	0.0440	0.0426
20	256QAM	50	24	17.52	17.56	17.40	0.0419	0.0423	0.0407
20	256QAM	50	50	17.60	17.55	17.51	0.0427	0.0422	0.0418
20	256QAM	100	0	17.62	17.62	17.54	0.0429	0.0429	0.0421
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	22.74	22.78	22.68	0.1393	0.1406	0.1374
15	QPSK	1	37	22.62	22.60	22.52	0.1355	0.1349	0.1324
15	QPSK	1	74	22.42	22.54	22.45	0.1294	0.1330	0.1303
15	QPSK	36	0	21.60	21.71	21.68	0.1072	0.1099	0.1091
15	QPSK	36	20	21.49	21.65	21.53	0.1045	0.1084	0.1054
15	QPSK	36	39	21.59	21.53	21.39	0.1069	0.1054	0.1021
15	QPSK	75	0	21.62	21.70	21.70	0.1076	0.1096	0.1096
15	16QAM	1	0	21.83	22.01	22.06	0.1130	0.1178	0.1191
15	16QAM	1	37	21.82	22.04	21.83	0.1127	0.1186	0.1130
15	16QAM	1	74	21.84	22.03	21.92	0.1132	0.1183	0.1153
15	16QAM	36	0	20.66	20.65	20.56	0.0863	0.0861	0.0843
15	16QAM	36	20	20.47	20.71	20.53	0.0826	0.0873	0.0838

15	16QAM	36	39	20.43	20.66	20.59	0.0818	0.0863	0.0849
15	16QAM	75	0	20.62	20.60	20.59	0.0855	0.0851	0.0849
15	64QAM	1	0	20.78	20.84	20.88	0.0887	0.0899	0.0908
15	64QAM	1	37	20.70	20.97	20.88	0.0871	0.0927	0.0908
15	64QAM	1	74	20.67	20.73	20.84	0.0865	0.0877	0.0899
15	64QAM	36	0	19.50	19.65	19.62	0.0661	0.0684	0.0679
15	64QAM	36	20	19.43	19.60	19.44	0.0650	0.0676	0.0652
15	64QAM	36	39	19.52	19.48	19.48	0.0664	0.0658	0.0658
15	64QAM	75	0	19.50	19.55	19.45	0.0661	0.0668	0.0653
15	256QAM	1	0	17.71	17.82	17.82	0.0438	0.0449	0.0449
15	256QAM	1	37	17.81	17.86	17.67	0.0448	0.0453	0.0434
15	256QAM	1	74	17.77	17.77	17.77	0.0444	0.0444	0.0444
15	256QAM	36	0	17.53	17.62	17.53	0.0420	0.0429	0.0420
15	256QAM	36	20	17.43	17.45	17.31	0.0410	0.0412	0.0399
15	256QAM	36	39	17.48	17.51	17.42	0.0415	0.0418	0.0409
15	256QAM	75	0	17.55	17.54	17.47	0.0422	0.0421	0.0414
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	22.71	22.81	22.58	0.1384	0.1416	0.1343
10	QPSK	1	25	22.56	22.57	22.42	0.1337	0.1340	0.1294
10	QPSK	1	49	22.40	22.60	22.46	0.1288	0.1349	0.1306
10	QPSK	25	0	21.57	21.77	21.77	0.1064	0.1114	0.1114
10	QPSK	25	12	21.47	21.73	21.49	0.1040	0.1104	0.1045
10	QPSK	25	25	21.60	21.52	21.38	0.1072	0.1052	0.1019
10	QPSK	50	0	21.70	21.76	21.65	0.1096	0.1112	0.1084
10	16QAM	1	0	21.88	21.95	22.00	0.1143	0.1161	0.1175
10	16QAM	1	25	21.85	22.03	21.81	0.1135	0.1183	0.1125
10	16QAM	1	49	21.85	21.99	21.94	0.1135	0.1172	0.1159
10	16QAM	25	0	20.65	20.69	20.50	0.0861	0.0869	0.0832
10	16QAM	25	12	20.49	20.74	20.49	0.0830	0.0879	0.0830
10	16QAM	25	25	20.42	20.56	20.60	0.0817	0.0843	0.0851
10	16QAM	50	0	20.61	20.55	20.59	0.0853	0.0841	0.0849
10	64QAM	1	0	20.83	20.88	20.86	0.0897	0.0908	0.0904
10	64QAM	1	25	20.76	20.98	20.83	0.0883	0.0929	0.0897
10	64QAM	1	49	20.61	20.78	20.82	0.0853	0.0887	0.0895
10	64QAM	25	0	19.53	19.64	19.60	0.0665	0.0682	0.0676
10	64QAM	25	12	19.51	19.52	19.41	0.0662	0.0664	0.0647
10	64QAM	25	25	19.51	19.54	19.53	0.0662	0.0667	0.0665
10	64QAM	50	0	19.54	19.64	19.51	0.0667	0.0682	0.0662
10	256QAM	1	0	17.67	17.80	17.77	0.0434	0.0447	0.0444
10	256QAM	1	25	17.79	17.78	17.75	0.0446	0.0445	0.0442
10	256QAM	1	49	17.76	17.77	17.71	0.0443	0.0444	0.0438
10	256QAM	25	0	17.54	17.65	17.53	0.0421	0.0432	0.0420
10	256QAM	25	12	17.51	17.47	17.32	0.0418	0.0414	0.0400
10	256QAM	25	25	17.54	17.47	17.42	0.0421	0.0414	0.0409
10	256QAM	50	0	17.59	17.55	17.50	0.0426	0.0422	0.0417
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H

5	QPSK	1	0	22.65	22.75	22.58	0.1365	0.1396	0.1343
5	QPSK	1	12	22.54	22.57	22.53	0.1330	0.1340	0.1327
5	QPSK	1	24	22.42	22.55	22.47	0.1294	0.1334	0.1309
5	QPSK	12	0	21.60	21.78	21.75	0.1072	0.1117	0.1109
5	QPSK	12	7	21.52	21.67	21.58	0.1052	0.1089	0.1067
5	QPSK	12	13	21.56	21.57	21.43	0.1062	0.1064	0.1030
5	QPSK	25	0	21.68	21.72	21.67	0.1091	0.1102	0.1089
5	16QAM	1	0	21.88	22.03	22.04	0.1143	0.1183	0.1186
5	16QAM	1	12	21.80	22.09	21.82	0.1122	0.1199	0.1127
5	16QAM	1	24	21.78	21.96	21.86	0.1117	0.1164	0.1138
5	16QAM	12	0	20.64	20.71	20.56	0.0859	0.0873	0.0843
5	16QAM	12	7	20.47	20.65	20.44	0.0826	0.0861	0.0820
5	16QAM	12	13	20.52	20.65	20.56	0.0836	0.0861	0.0843
5	16QAM	25	0	20.56	20.65	20.55	0.0843	0.0861	0.0841
5	64QAM	1	0	20.83	20.90	20.81	0.0897	0.0912	0.0893
5	64QAM	1	12	20.69	20.91	20.83	0.0869	0.0914	0.0897
5	64QAM	1	24	20.69	20.75	20.83	0.0869	0.0881	0.0897
5	64QAM	12	0	19.49	19.68	19.54	0.0659	0.0689	0.0667
5	64QAM	12	7	19.47	19.51	19.42	0.0656	0.0662	0.0649
5	64QAM	12	13	19.61	19.56	19.47	0.0678	0.0670	0.0656
5	64QAM	25	0	19.50	19.56	19.50	0.0661	0.0670	0.0661
5	256QAM	1	0	17.70	17.76	17.72	0.0437	0.0443	0.0439
5	256QAM	1	12	17.79	17.83	17.70	0.0446	0.0450	0.0437
5	256QAM	1	24	17.77	17.81	17.77	0.0444	0.0448	0.0444
5	256QAM	12	0	17.46	17.71	17.55	0.0413	0.0438	0.0422
5	256QAM	12	7	17.46	17.52	17.36	0.0413	0.0419	0.0404
5	256QAM	12	13	17.59	17.50	17.40	0.0426	0.0417	0.0407
5	256QAM	25	0	17.54	17.60	17.49	0.0421	0.0427	0.0416

LTE Band 41_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	25.21	25.15	25.14	0.2460	0.2427	0.2421
20	QPSK	1	49	25.14	25.11	24.99	0.2421	0.2404	0.2339
20	QPSK	1	99	24.94	25.01	24.90	0.2312	0.2350	0.2291
20	QPSK	50	0	24.22	24.25	24.14	0.1959	0.1972	0.1923
20	QPSK	50	24	24.08	24.05	23.93	0.1897	0.1884	0.1832
20	QPSK	50	50	23.98	24.03	23.93	0.1854	0.1875	0.1832
20	QPSK	100	0	24.24	24.17	24.05	0.1968	0.1936	0.1884
20	16QAM	1	0	24.44	24.54	24.42	0.2061	0.2109	0.2051
20	16QAM	1	49	24.43	24.35	24.29	0.2056	0.2018	0.1991
20	16QAM	1	99	24.41	24.39	24.30	0.2046	0.2037	0.1995
20	16QAM	50	0	23.07	23.11	22.95	0.1503	0.1517	0.1462
20	16QAM	50	24	23.07	23.04	22.96	0.1503	0.1493	0.1466
20	16QAM	50	50	22.95	22.99	22.94	0.1462	0.1476	0.1459
20	16QAM	100	0	23.05	23.01	22.98	0.1496	0.1483	0.1472
20	64QAM	1	0	23.38	23.44	23.36	0.1614	0.1637	0.1607
20	64QAM	1	49	23.22	23.42	23.25	0.1556	0.1629	0.1567
20	64QAM	1	99	23.25	23.33	23.23	0.1567	0.1596	0.1560
20	64QAM	50	0	22.16	22.04	21.91	0.1219	0.1186	0.1151
20	64QAM	50	24	22.00	21.93	21.93	0.1175	0.1156	0.1156
20	64QAM	50	50	22.08	21.94	21.91	0.1197	0.1159	0.1151
20	64QAM	100	0	21.99	21.96	21.85	0.1172	0.1164	0.1135
20	256QAM	1	0	20.28	20.38	20.29	0.0791	0.0809	0.0793
20	256QAM	1	49	20.22	20.21	20.07	0.0780	0.0778	0.0753
20	256QAM	1	99	20.26	20.31	20.20	0.0787	0.0796	0.0776
20	256QAM	50	0	19.98	20.05	19.89	0.0738	0.0750	0.0723
20	256QAM	50	24	20.05	19.90	19.87	0.0750	0.0724	0.0719
20	256QAM	50	50	20.03	19.98	19.82	0.0746	0.0738	0.0711
20	256QAM	100	0	20.10	20.10	20.00	0.0759	0.0759	0.0741
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	25.18	25.09	25.12	0.2443	0.2393	0.2410
15	QPSK	1	37	25.00	25.04	24.88	0.2344	0.2366	0.2280
15	QPSK	1	74	24.86	24.97	24.78	0.2270	0.2328	0.2228
15	QPSK	36	0	24.10	24.21	24.03	0.1905	0.1954	0.1875
15	QPSK	36	20	24.00	23.94	23.83	0.1862	0.1837	0.1791
15	QPSK	36	39	23.95	23.94	23.82	0.1841	0.1837	0.1786
15	QPSK	75	0	24.18	24.13	23.96	0.1941	0.1919	0.1845
15	16QAM	1	0	24.40	24.45	24.32	0.2042	0.2065	0.2004
15	16QAM	1	37	24.35	24.27	24.18	0.2018	0.1982	0.1941
15	16QAM	1	74	24.29	24.26	24.16	0.1991	0.1977	0.1932
15	16QAM	36	0	23.02	23.06	22.85	0.1486	0.1500	0.1429
15	16QAM	36	20	23.01	22.91	22.84	0.1483	0.1449	0.1426

15	16QAM	36	39	22.89	22.91	22.91	0.1442	0.1449	0.1449
15	16QAM	75	0	22.94	22.93	22.95	0.1459	0.1455	0.1462
15	64QAM	1	0	23.30	23.32	23.25	0.1585	0.1592	0.1567
15	64QAM	1	37	23.14	23.31	23.22	0.1528	0.1589	0.1556
15	64QAM	1	74	23.16	23.28	23.18	0.1535	0.1578	0.1542
15	64QAM	36	0	22.12	22.01	21.78	0.1208	0.1178	0.1117
15	64QAM	36	20	21.94	21.85	21.90	0.1159	0.1135	0.1148
15	64QAM	36	39	21.95	21.87	21.80	0.1161	0.1140	0.1122
15	64QAM	75	0	21.90	21.82	21.73	0.1148	0.1127	0.1104
15	256QAM	1	0	20.25	20.25	20.21	0.0785	0.0785	0.0778
15	256QAM	1	37	20.13	20.14	19.99	0.0764	0.0766	0.0740
15	256QAM	1	74	20.19	20.21	20.16	0.0774	0.0778	0.0769
15	256QAM	36	0	19.88	19.99	19.82	0.0721	0.0740	0.0711
15	256QAM	36	20	19.91	19.77	19.80	0.0726	0.0703	0.0708
15	256QAM	36	39	19.92	19.92	19.73	0.0728	0.0728	0.0697
15	256QAM	75	0	20.08	20.05	19.95	0.0755	0.0750	0.0733
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	25.17	25.02	25.11	0.2438	0.2355	0.2404
10	QPSK	1	25	25.10	25.08	24.89	0.2399	0.2388	0.2286
10	QPSK	1	49	24.80	24.87	24.81	0.2239	0.2275	0.2244
10	QPSK	25	0	24.11	24.19	24.02	0.1910	0.1945	0.1871
10	QPSK	25	12	23.97	23.96	23.86	0.1849	0.1845	0.1803
10	QPSK	25	25	23.89	23.92	23.89	0.1816	0.1828	0.1816
10	QPSK	50	0	24.10	24.08	24.02	0.1905	0.1897	0.1871
10	16QAM	1	0	24.37	24.41	24.38	0.2028	0.2046	0.2032
10	16QAM	1	25	24.38	24.31	24.22	0.2032	0.2000	0.1959
10	16QAM	1	49	24.28	24.34	24.18	0.1986	0.2014	0.1941
10	16QAM	25	0	23.02	23.04	22.83	0.1486	0.1493	0.1422
10	16QAM	25	12	23.01	22.92	22.92	0.1483	0.1452	0.1452
10	16QAM	25	25	22.93	22.96	22.89	0.1455	0.1466	0.1442
10	16QAM	50	0	22.98	22.94	22.84	0.1472	0.1459	0.1426
10	64QAM	1	0	23.28	23.30	23.30	0.1578	0.1585	0.1585
10	64QAM	1	25	23.20	23.36	23.16	0.1549	0.1607	0.1535
10	64QAM	1	49	23.13	23.28	23.18	0.1524	0.1578	0.1542
10	64QAM	25	0	22.03	21.92	21.78	0.1183	0.1153	0.1117
10	64QAM	25	12	21.94	21.87	21.83	0.1159	0.1140	0.1130
10	64QAM	25	25	22.05	21.87	21.82	0.1189	0.1140	0.1127
10	64QAM	50	0	21.95	21.91	21.72	0.1161	0.1151	0.1102
10	256QAM	1	0	20.20	20.36	20.16	0.0776	0.0805	0.0769
10	256QAM	1	25	20.20	20.18	20.00	0.0776	0.0773	0.0741
10	256QAM	1	49	20.18	20.23	20.17	0.0773	0.0782	0.0771
10	256QAM	25	0	19.87	19.95	19.80	0.0719	0.0733	0.0708
10	256QAM	25	12	19.99	19.86	19.75	0.0740	0.0718	0.0700
10	256QAM	25	25	20.00	19.89	19.79	0.0741	0.0723	0.0706
10	256QAM	50	0	19.97	20.08	19.89	0.0736	0.0755	0.0723
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H

5	QPSK	1	0	25.18	25.09	25.04	0.2443	0.2393	0.2366
5	QPSK	1	12	25.02	25.07	24.93	0.2355	0.2382	0.2307
5	QPSK	1	24	24.91	24.87	24.83	0.2296	0.2275	0.2254
5	QPSK	12	0	24.14	24.12	24.05	0.1923	0.1914	0.1884
5	QPSK	12	7	23.99	23.99	23.87	0.1858	0.1858	0.1807
5	QPSK	12	13	23.96	23.92	23.84	0.1845	0.1828	0.1795
5	QPSK	25	0	24.16	24.07	23.95	0.1932	0.1892	0.1841
5	16QAM	1	0	24.41	24.50	24.40	0.2046	0.2089	0.2042
5	16QAM	1	12	24.32	24.23	24.24	0.2004	0.1963	0.1968
5	16QAM	1	24	24.34	24.33	24.24	0.2014	0.2009	0.1968
5	16QAM	12	0	22.98	23.08	22.93	0.1472	0.1507	0.1455
5	16QAM	12	7	23.03	22.91	22.90	0.1489	0.1449	0.1445
5	16QAM	12	13	22.88	22.90	22.92	0.1439	0.1445	0.1452
5	16QAM	25	0	23.02	22.98	22.85	0.1486	0.1472	0.1429
5	64QAM	1	0	23.31	23.35	23.26	0.1589	0.1603	0.1570
5	64QAM	1	12	23.18	23.33	23.17	0.1542	0.1596	0.1538
5	64QAM	1	24	23.19	23.20	23.17	0.1545	0.1549	0.1538
5	64QAM	12	0	22.12	21.97	21.80	0.1208	0.1167	0.1122
5	64QAM	12	7	21.87	21.85	21.81	0.1140	0.1135	0.1125
5	64QAM	12	13	21.97	21.82	21.84	0.1167	0.1127	0.1132
5	64QAM	25	0	21.93	21.93	21.81	0.1156	0.1156	0.1125
5	256QAM	1	0	20.18	20.34	20.18	0.0773	0.0802	0.0773
5	256QAM	1	12	20.11	20.17	20.03	0.0760	0.0771	0.0746
5	256QAM	1	24	20.22	20.27	20.07	0.0780	0.0789	0.0753
5	256QAM	12	0	19.84	20.02	19.84	0.0714	0.0745	0.0714
5	256QAM	12	7	19.96	19.77	19.79	0.0735	0.0703	0.0706
5	256QAM	12	13	19.98	19.86	19.69	0.0738	0.0718	0.0690
5	256QAM	25	0	20.06	19.97	19.96	0.0752	0.0736	0.0735

LTE CA_41C_ANT1:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 39750_39948	QPSK	Max	0	Max	0	24.83	0.2254
	QPSK	1	0	1	Max	24.80	0.2239
	QPSK	1	Max	1	0	24.69	0.2183
M 40521_40719	QPSK	Max	0	Max	0	24.98	0.2333
	QPSK	1	0	1	Max	24.96	0.2323
	QPSK	1	Max	1	0	24.64	0.2158
H 41292_41490	QPSK	Max	0	Max	0	24.96	0.2323
	QPSK	1	0	1	Max	25.00	0.2344
	QPSK	1	Max	1	0	24.70	0.2188
L 39750_39948	16QAM	Max	0	Max	0	24.09	0.1901
	16QAM	1	0	1	Max	24.03	0.1875
	16QAM	1	Max	1	0	23.98	0.1854
M 40521_40719	16QAM	Max	0	Max	0	24.17	0.1936
	16QAM	1	0	1	Max	24.15	0.1928
	16QAM	1	Max	1	0	24.02	0.1871
H 41292_41490	16QAM	Max	0	Max	0	24.19	0.1945
	16QAM	1	0	1	Max	24.21	0.1954
	16QAM	1	Max	1	0	24.14	0.1923
L 39750_39948	64QAM	Max	0	Max	0	23.01	0.1483
	64QAM	1	0	1	Max	23.06	0.1500
	64QAM	1	Max	1	0	23.09	0.1510
M 40521_40719	64QAM	Max	0	Max	0	23.07	0.1503
	64QAM	1	0	1	Max	23.09	0.1510
	64QAM	1	Max	1	0	23.07	0.1503
H 41292_41490	64QAM	Max	0	Max	0	23.10	0.1514
	64QAM	1	0	1	Max	23.15	0.1531
	64QAM	1	Max	1	0	23.08	0.1507
L 39750_39948	256QAM	Max	0	Max	0	20.09	0.0757
	256QAM	1	0	1	Max	20.20	0.0776
	256QAM	1	Max	1	0	20.09	0.0757
M 40521_40719	256QAM	Max	0	Max	0	20.23	0.0782
	256QAM	1	0	1	Max	20.22	0.0780
	256QAM	1	Max	1	0	20.18	0.0773
H 41292_41490	256QAM	Max	0	Max	0	20.23	0.0782
	256QAM	1	0	1	Max	20.22	0.0780
	256QAM	1	Max	1	0	20.18	0.0773
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41341_41512	QPSK	Max	0	Max	0	24.99	0.2339
	QPSK	1	0	1	Max	24.84	0.2259
	QPSK	1	Max	1	0	24.67	0.2173
H	16QAM	Max	0	Max	0	24.28	0.1986

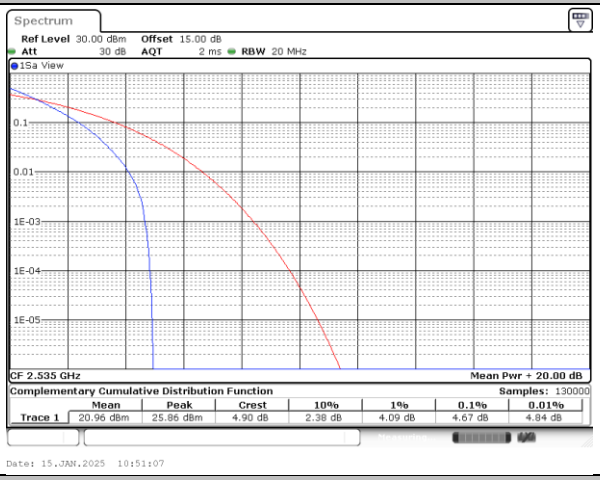
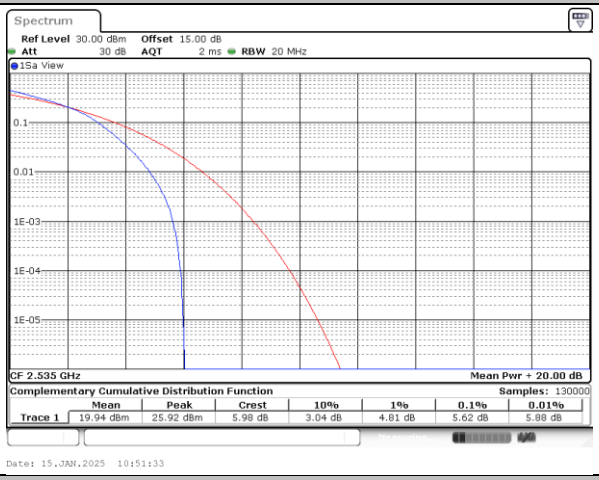
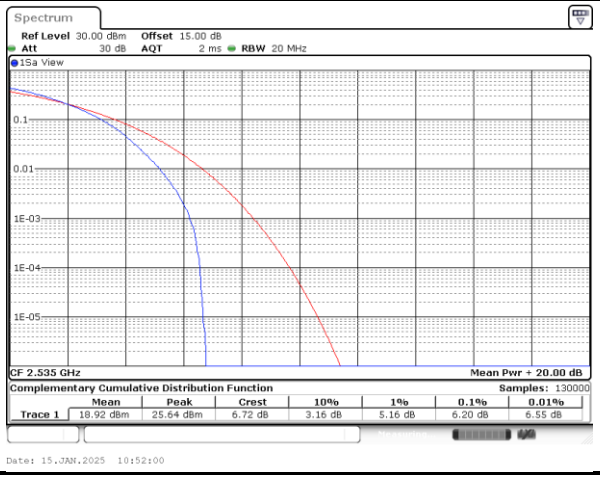
41341_41512	16QAM	1	0	1	Max	24.14	0.1923
	16QAM	1	Max	1	0	24.15	0.1928
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41319_41490	QPSK	Max	0	Max	0	24.94	0.2312
	QPSK	1	0	1	Max	24.96	0.2323
	QPSK	1	Max	1	0	24.79	0.2234
H 41319_41490	16QAM	Max	0	Max	0	24.13	0.1919
	16QAM	1	0	1	Max	24.25	0.1972
	16QAM	1	Max	1	0	24.02	0.1871
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41365_41515	QPSK	Max	0	Max	0	25.03	0.2360
	QPSK	1	0	1	Max	24.93	0.2307
	QPSK	1	Max	1	0	24.78	0.2228
H 41365_41515	16QAM	Max	0	Max	0	24.22	0.1959
	16QAM	1	0	1	Max	24.29	0.1991
	16QAM	1	Max	1	0	24.03	0.1875
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41391_41535	QPSK	Max	0	Max	0	25.03	0.2360
	QPSK	1	0	1	Max	24.87	0.2275
	QPSK	1	Max	1	0	24.72	0.2198
H 41391_41535	16QAM	Max	0	Max	0	24.28	0.1986
	16QAM	1	0	1	Max	24.13	0.1919
	16QAM	1	Max	1	0	24.00	0.1862
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41346_41490	QPSK	Max	0	Max	0	24.94	0.2312
	QPSK	1	0	1	Max	24.92	0.2301
	QPSK	1	Max	1	0	24.72	0.2198
H 41346_41490	16QAM	Max	0	Max	0	24.26	0.1977
	16QAM	1	0	1	Max	24.29	0.1991
	16QAM	1	Max	1	0	24.11	0.1910
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41417_41537	QPSK	Max	0	Max	0	25.02	0.2355
	QPSK	1	0	1	Max	25.01	0.2350
	QPSK	1	Max	1	0	24.81	0.2244
H 41417_41537	16QAM	Max	0	Max	0	24.13	0.1919
	16QAM	1	0	1	Max	24.23	0.1963
	16QAM	1	Max	1	0	24.09	0.1901
Combination 10MHz+15MHz (50RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41395_41515	QPSK	Max	0	Max	0	25.06	0.2377
	QPSK	1	0	1	Max	24.93	0.2307
	QPSK	1	Max	1	0	24.68	0.2178
H	16QAM	Max	0	Max	0	24.20	0.1950

41395_41515	16QAM	1	0	1	Max	24.17	0.1936
	16QAM	1	Max	1	0	24.15	0.1928
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41440_41557	QPSK	Max	0	Max	0	24.99	0.2339
	QPSK	1	0	1	Max	25.03	0.2360
	QPSK	1	Max	1	0	24.65	0.2163
H 41440_41557	16QAM	Max	0	Max	0	24.16	0.1932
	16QAM	1	0	1	Max	24.25	0.1972
	16QAM	1	Max	1	0	24.19	0.1945
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
H 41373_41490	QPSK	Max	0	Max	0	25.04	0.2366
	QPSK	1	0	1	Max	24.96	0.2323
	QPSK	1	Max	1	0	24.77	0.2223
H 41373_41490	16QAM	Max	0	Max	0	24.24	0.1968
	16QAM	1	0	1	Max	24.20	0.1950
	16QAM	1	Max	1	0	24.05	0.1884

LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.67	5.62	6.20	PASS

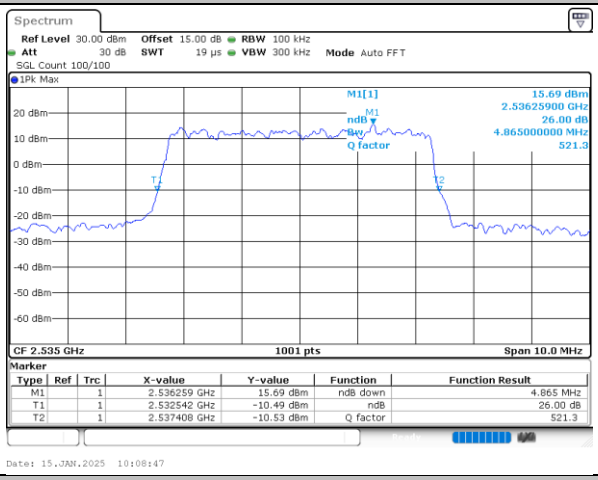
LTE Band 7 / 20MHz / QPSK	LTE Band 7 / 20MHz / 16QAM
Middle Channel / Full RB	**Middle Channel / Full RB**
	
LTE Band 7 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

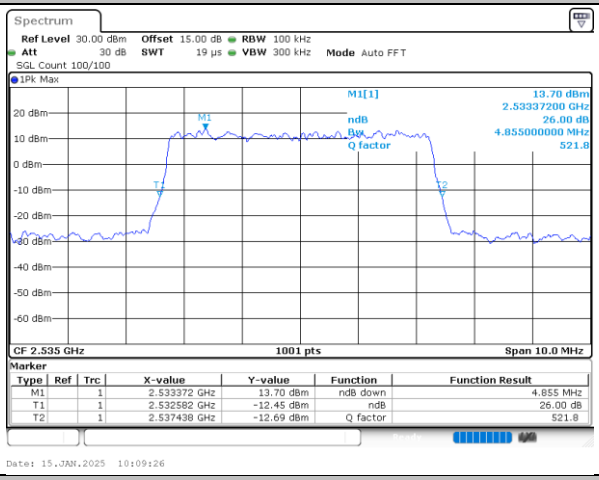
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.87	4.86	9.83	9.65	14.36	14.15	19.10	18.90

LTE Band 7

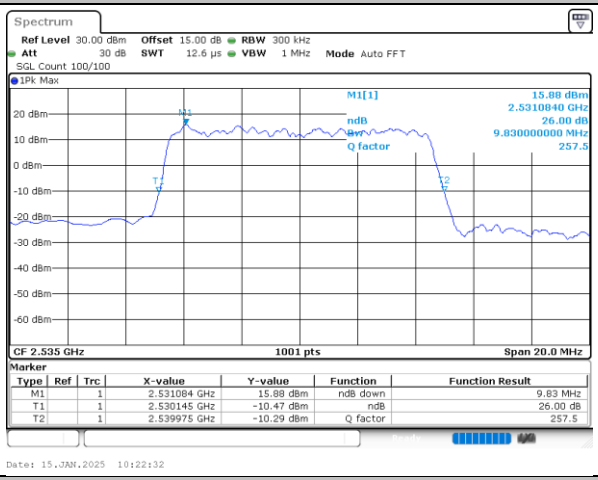
Middle Channel / 5MHz / QPSK



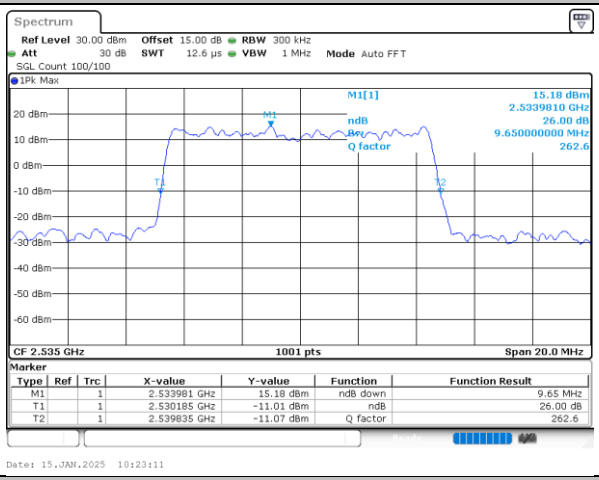
Middle Channel / 5MHz / 16QAM



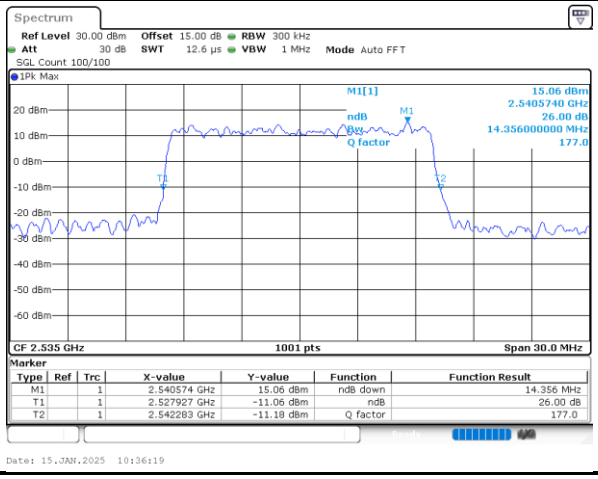
Middle Channel / 10MHz / QPSK



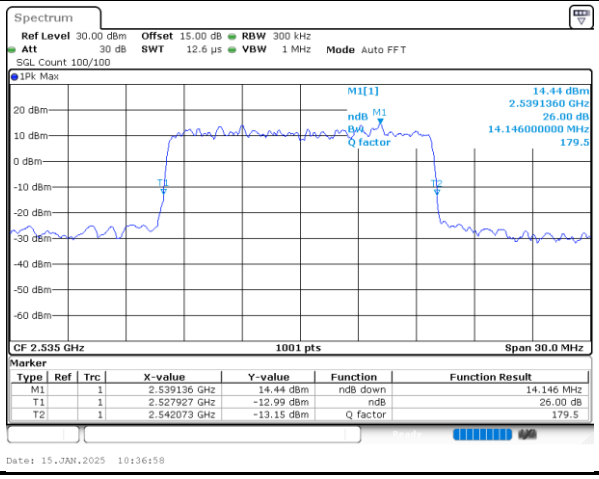
Middle Channel / 10MHz / 16QAM

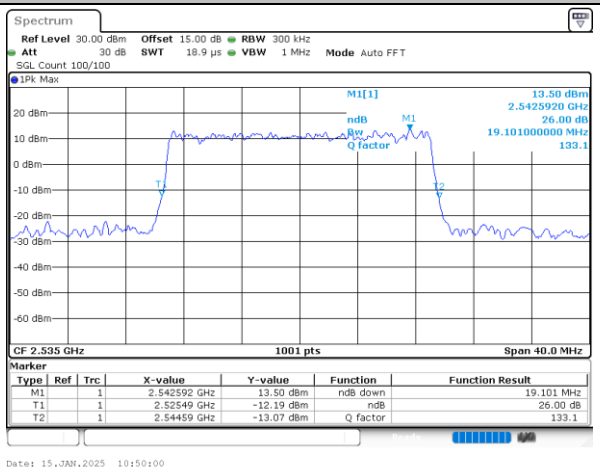
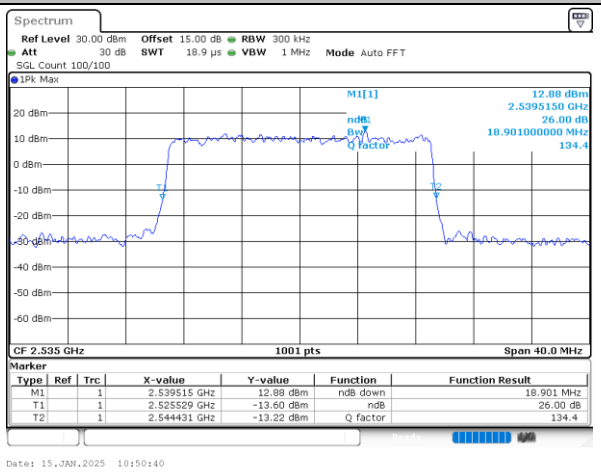


Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



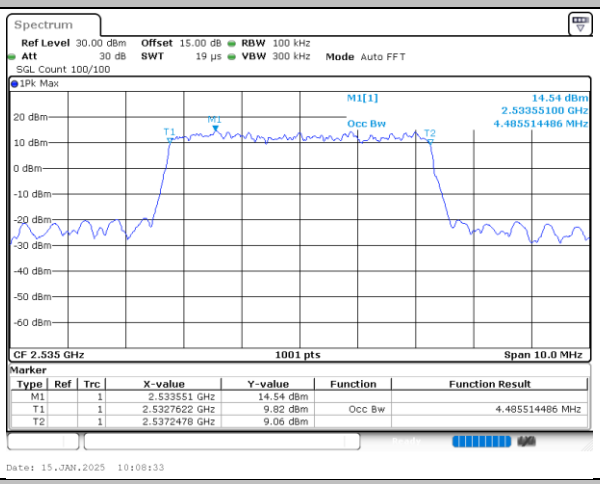
LTE Band 7	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Occupied Bandwidth

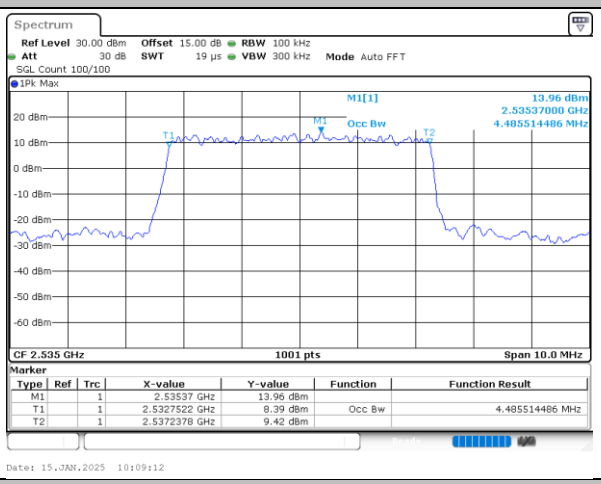
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.49	8.99	9.07	13.43	13.49	17.78	17.90

LTE Band 7

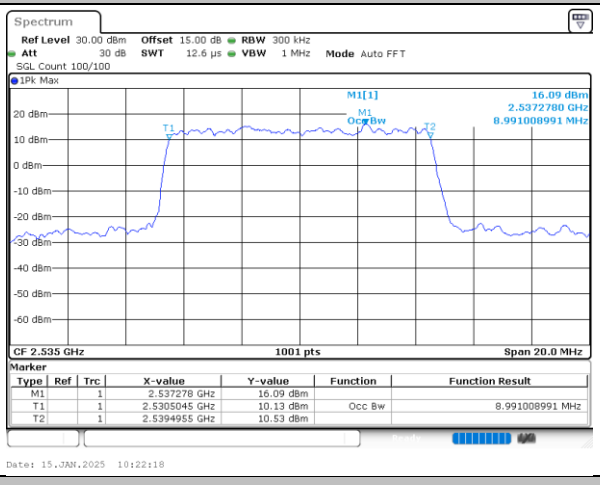
Middle Channel / 5MHz / QPSK



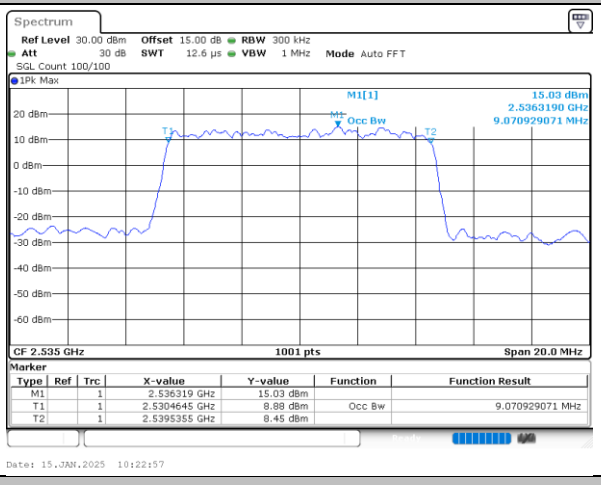
Middle Channel / 5MHz / 16QAM



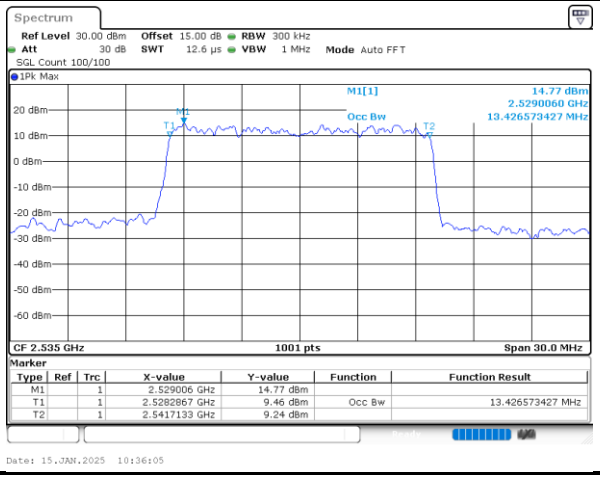
Middle Channel / 10MHz / QPSK



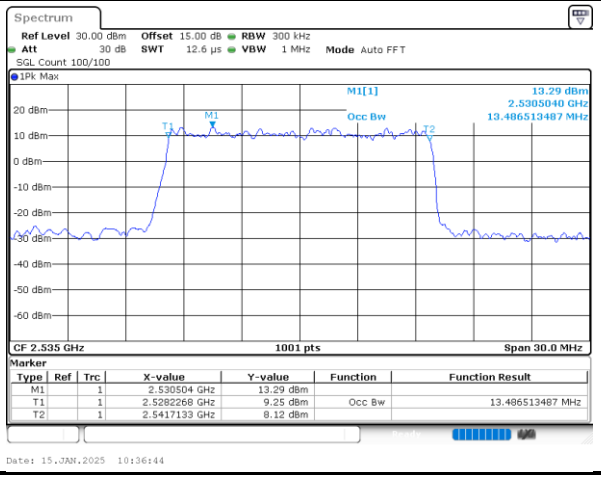
Middle Channel / 10MHz / 16QAM

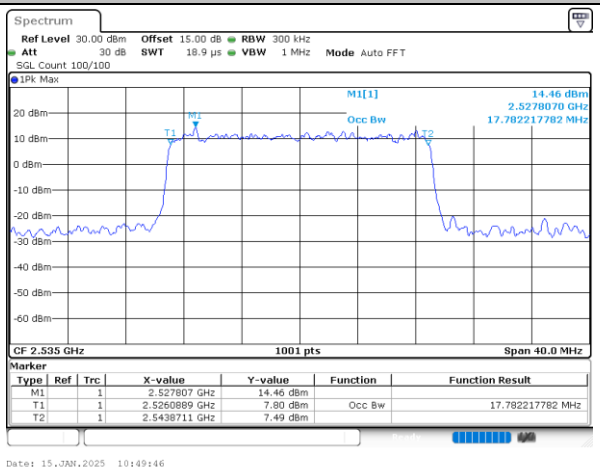
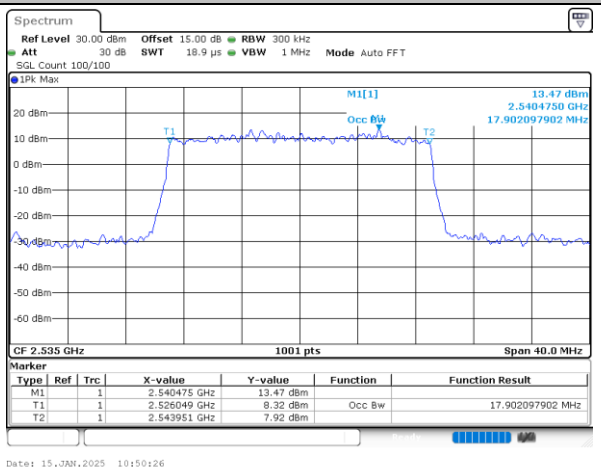


Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM

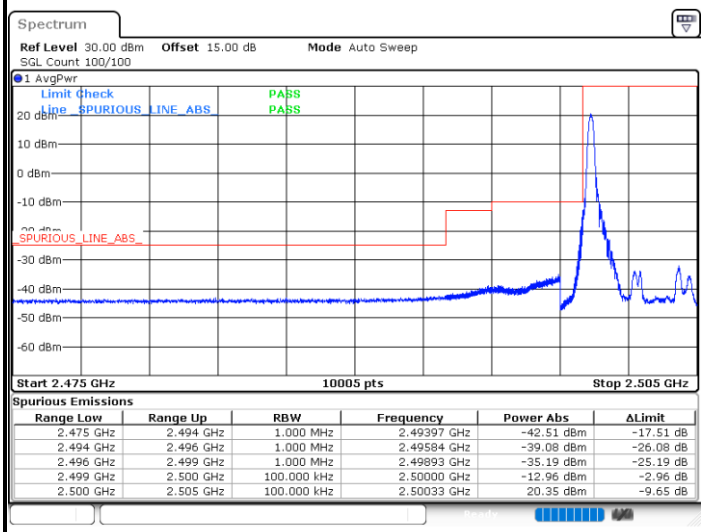


LTE Band 7	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

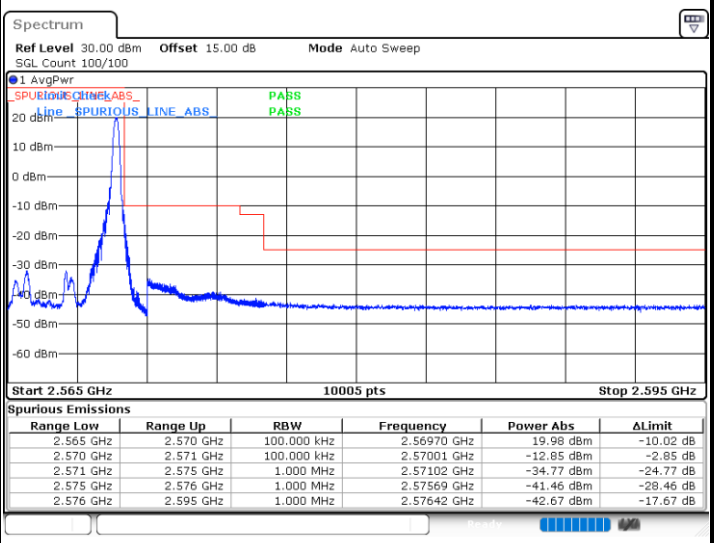


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49397 GHz	-42.51 dBm	-17.51 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49584 GHz	-39.08 dBm	-26.08 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49893 GHz	-35.19 dBm	-25.19 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-12.96 dBm	-2.96 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	20.35 dBm	-9.65 dB

Date: 15.JAN.2025 10:02:14

Highest Band Edge / 1 RB

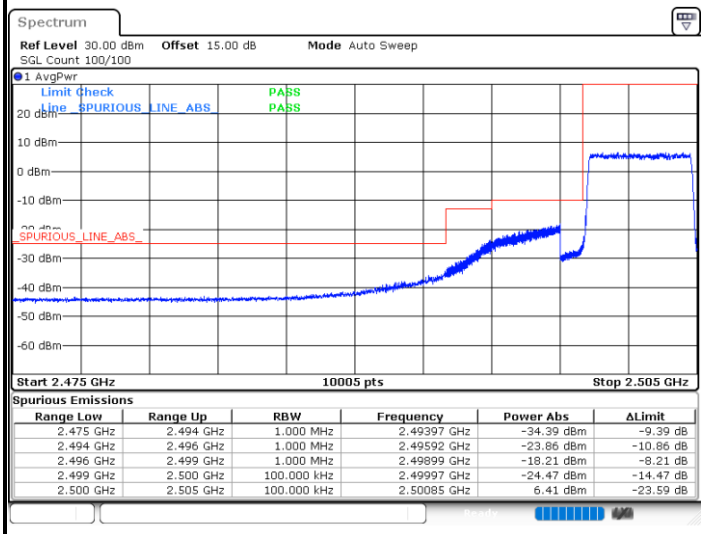


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56970 GHz	19.98 dBm	-10.02 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-12.85 dBm	-2.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-34.77 dBm	-24.77 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57569 GHz	-41.46 dBm	-28.46 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57642 GHz	-42.67 dBm	-17.67 dB

Date: 15.JAN.2025 10:10:06

Lowest Band Edge / Full RB

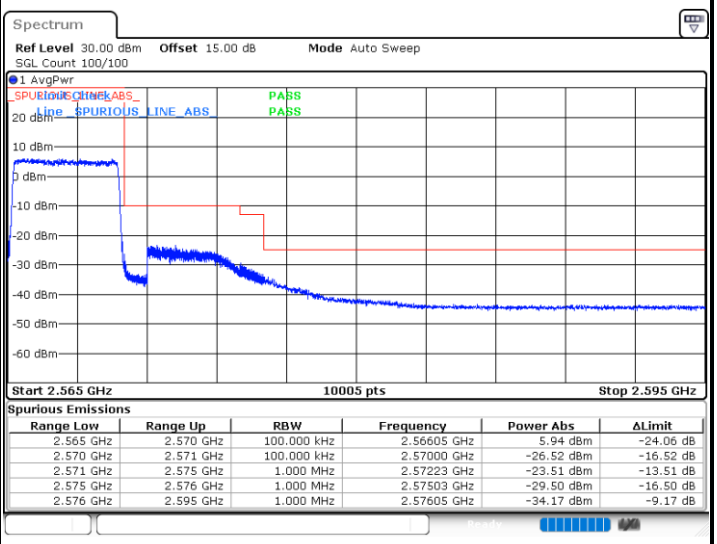


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49397 GHz	-34.39 dBm	-9.39 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-23.86 dBm	-10.86 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-18.21 dBm	-8.21 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49997 GHz	-24.47 dBm	-14.47 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50085 GHz	6.41 dBm	-23.59 dB

Date: 15.JAN.2025 10:04:27

Highest Band Edge / Full RB



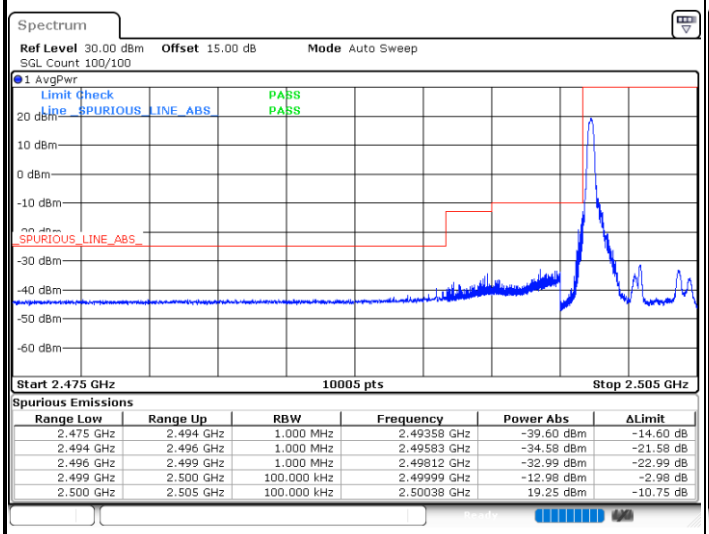
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56605 GHz	5.94 dBm	-24.06 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-26.52 dBm	-16.52 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57223 GHz	-23.51 dBm	-13.51 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57503 GHz	-29.50 dBm	-16.50 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57605 GHz	-34.17 dBm	-9.17 dB

Date: 15.JAN.2025 10:12:12

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

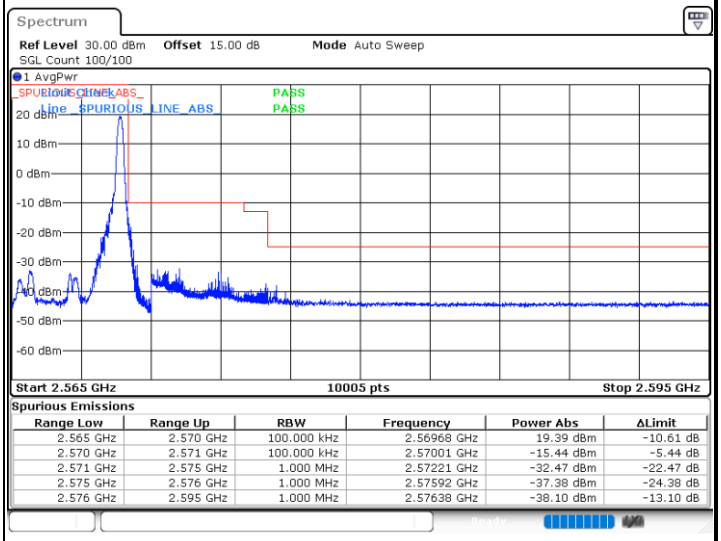


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49358 GHz	-39.60 dBm	-14.60 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49583 GHz	-34.58 dBm	-21.58 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49812 GHz	-32.99 dBm	-22.99 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-12.98 dBm	-2.98 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50038 GHz	19.25 dBm	-10.75 dB

Date: 15.JAN.2025 10:03:05

Highest Band Edge / 1 RB

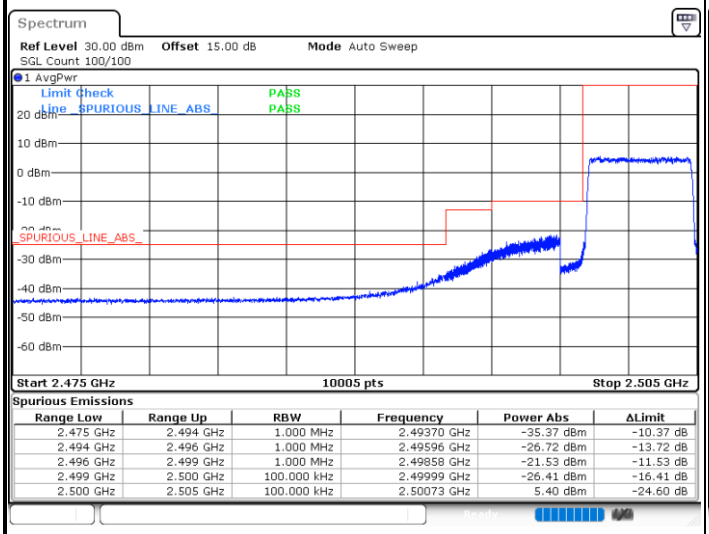


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	19.39 dBm	-10.61 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-15.44 dBm	-5.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57221 GHz	-32.47 dBm	-22.47 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57592 GHz	-37.38 dBm	-24.38 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57638 GHz	-38.10 dBm	-13.10 dB

Date: 15.JAN.2025 10:10:47

Lowest Band Edge / Full RB

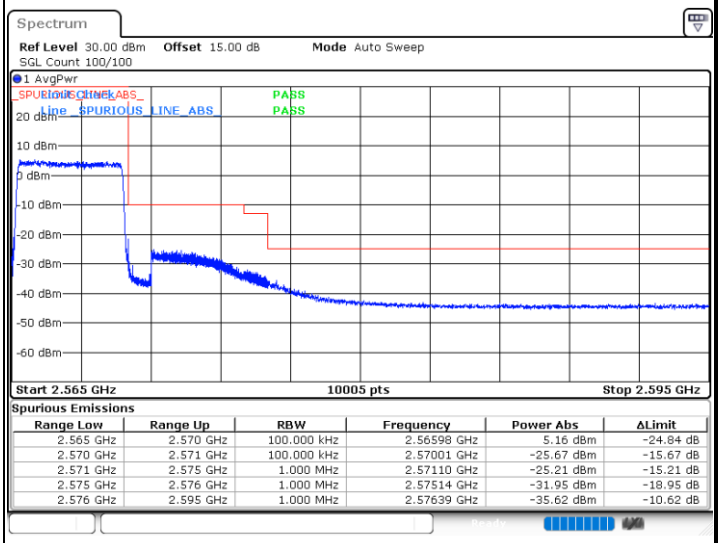


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49370 GHz	-35.37 dBm	-10.37 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-26.72 dBm	-13.72 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49858 GHz	-21.53 dBm	-11.53 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-26.41 dBm	-16.41 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50073 GHz	5.40 dBm	-24.60 dB

Date: 15.JAN.2025 10:05:08

Highest Band Edge / Full RB



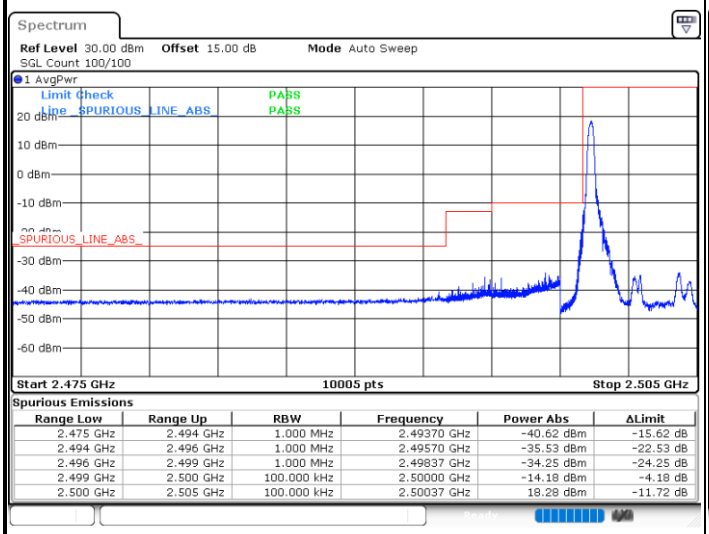
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56598 GHz	5.16 dBm	-24.84 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-25.67 dBm	-15.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-25.21 dBm	-15.21 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57514 GHz	-31.95 dBm	-18.95 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57639 GHz	-35.62 dBm	-10.62 dB

Date: 15.JAN.2025 10:12:52

LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

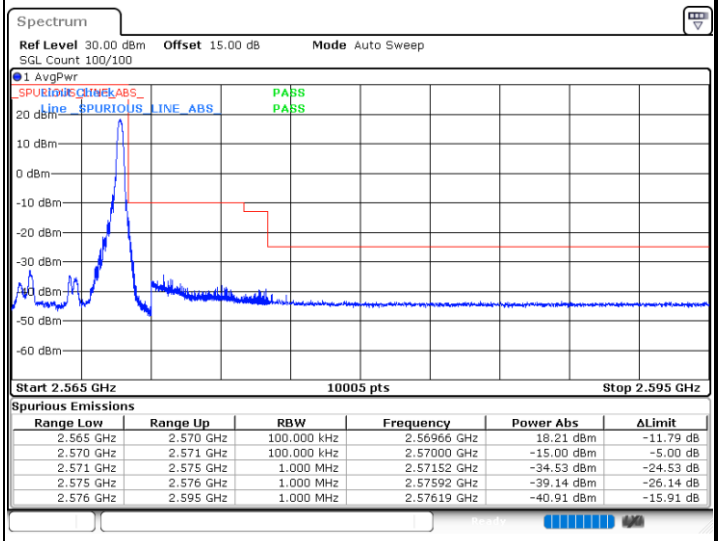


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49370 GHz	-40.62 dBm	-15.62 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49570 GHz	-35.53 dBm	-22.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49837 GHz	-34.25 dBm	-24.25 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-14.18 dBm	-4.18 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50037 GHz	18.28 dBm	-11.72 dB

Date: 15.JAN.2025 10:03:46

Highest Band Edge / 1 RB

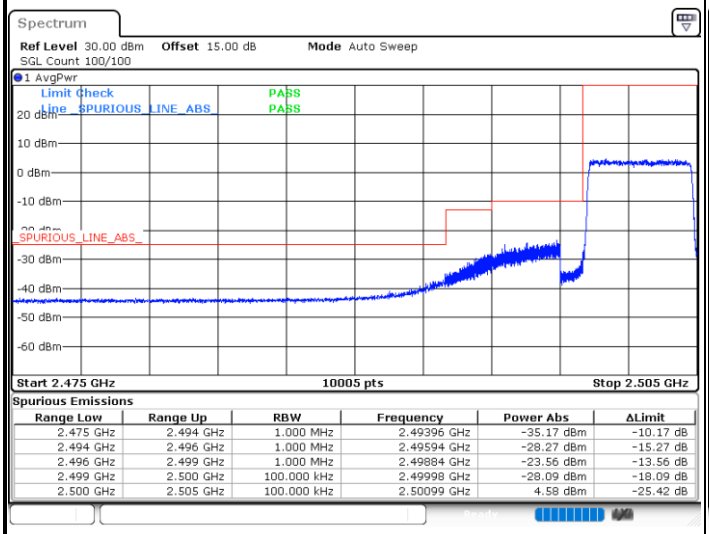


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	18.21 dBm	-11.79 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-15.00 dBm	-5.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57152 GHz	-34.53 dBm	-24.53 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57592 GHz	-39.14 dBm	-26.14 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57619 GHz	-40.91 dBm	-15.91 dB

Date: 15.JAN.2025 10:11:27

Lowest Band Edge / Full RB

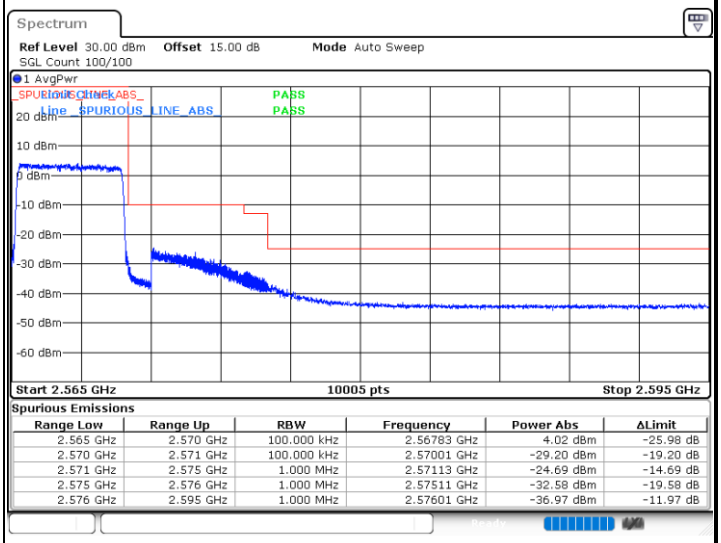


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49396 GHz	-35.17 dBm	-10.17 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-28.27 dBm	-15.27 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-23.56 dBm	-13.56 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-28.09 dBm	-18.09 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50099 GHz	4.58 dBm	-25.42 dB

Date: 15.JAN.2025 10:05:48

Highest Band Edge / Full RB



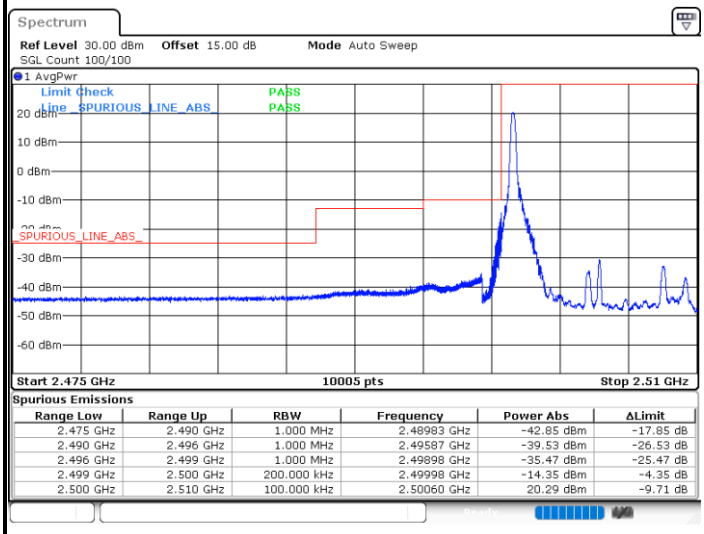
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56783 GHz	4.02 dBm	-25.98 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-29.20 dBm	-19.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-24.69 dBm	-14.69 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57511 GHz	-32.58 dBm	-19.58 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-36.97 dBm	-11.97 dB

Date: 15.JAN.2025 10:13:33

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

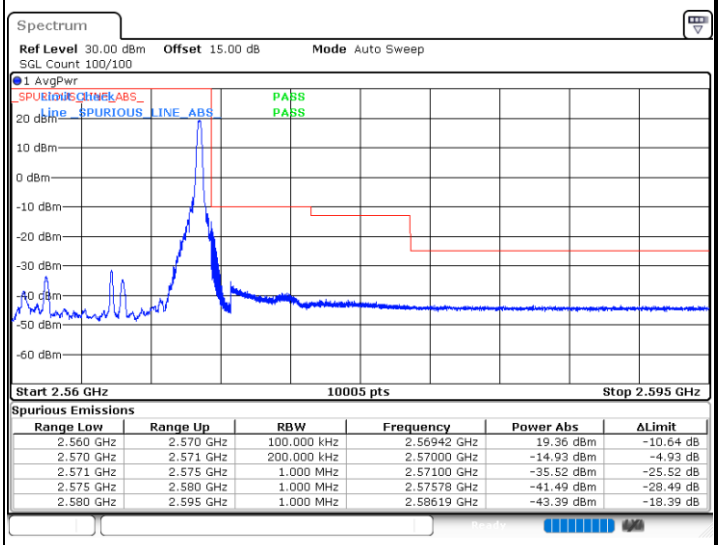


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48983 GHz	-42.85 dBm	-17.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49587 GHz	-39.53 dBm	-26.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-35.47 dBm	-25.47 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-14.35 dBm	-4.35 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	20.29 dBm	-9.71 dB

Date: 15.JAN.2025 10:16:06

Highest Band Edge / 1 RB

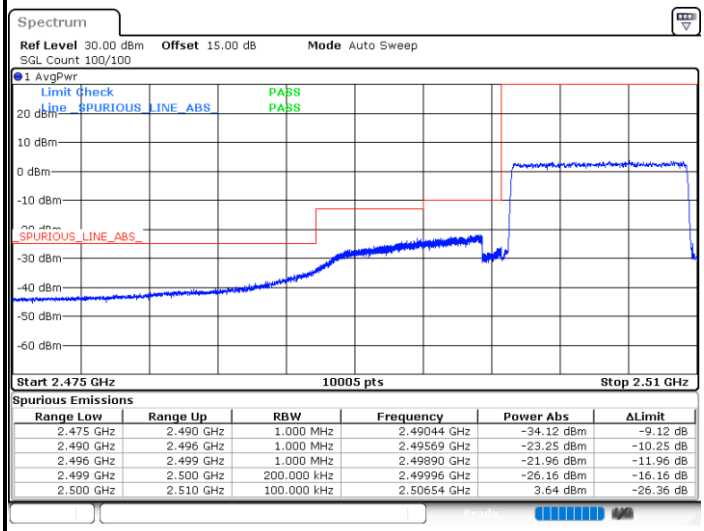


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	19.36 dBm	-10.64 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-14.93 dBm	-4.93 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-35.52 dBm	-25.52 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57578 GHz	-41.49 dBm	-28.49 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58619 GHz	-43.39 dBm	-18.39 dB

Date: 15.JAN.2025 10:23:51

Lowest Band Edge / Full RB

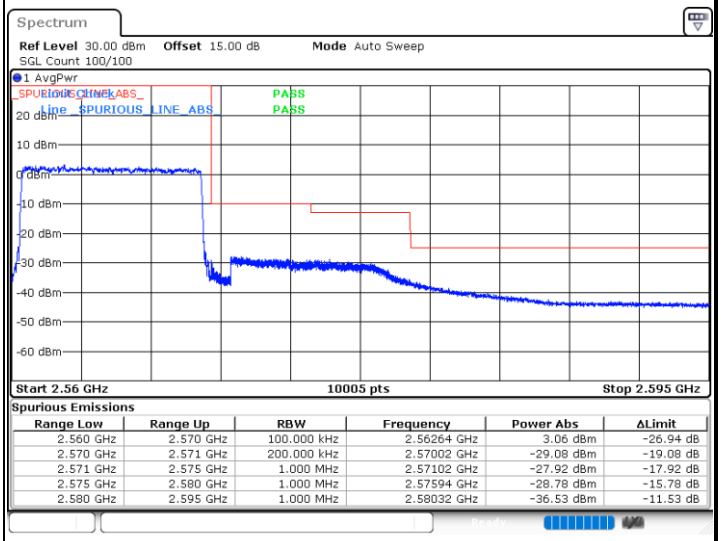


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49044 GHz	-34.12 dBm	-9.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49569 GHz	-23.25 dBm	-10.25 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-21.96 dBm	-11.96 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49996 GHz	-26.16 dBm	-16.16 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50654 GHz	3.64 dBm	-26.36 dB

Date: 15.JAN.2025 10:18:09

Highest Band Edge / Full RB



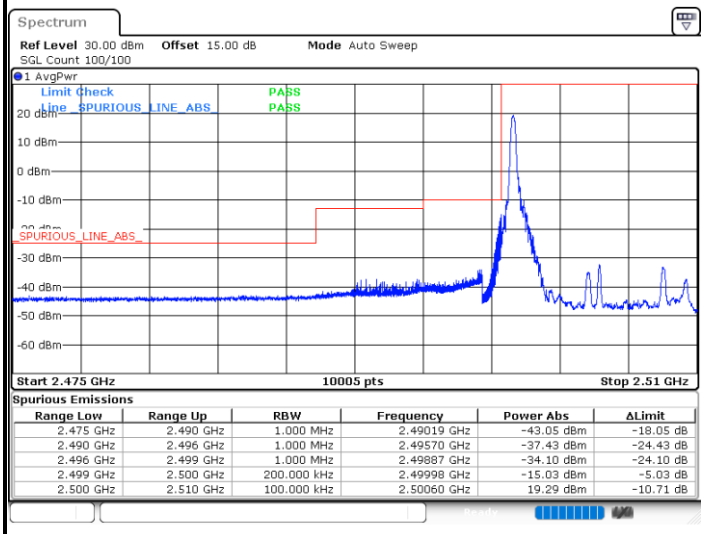
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56264 GHz	3.06 dBm	-26.94 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-29.08 dBm	-19.08 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-27.92 dBm	-17.92 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57594 GHz	-28.78 dBm	-15.78 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58032 GHz	-36.53 dBm	-11.53 dB

Date: 15.JAN.2025 10:26:00

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB

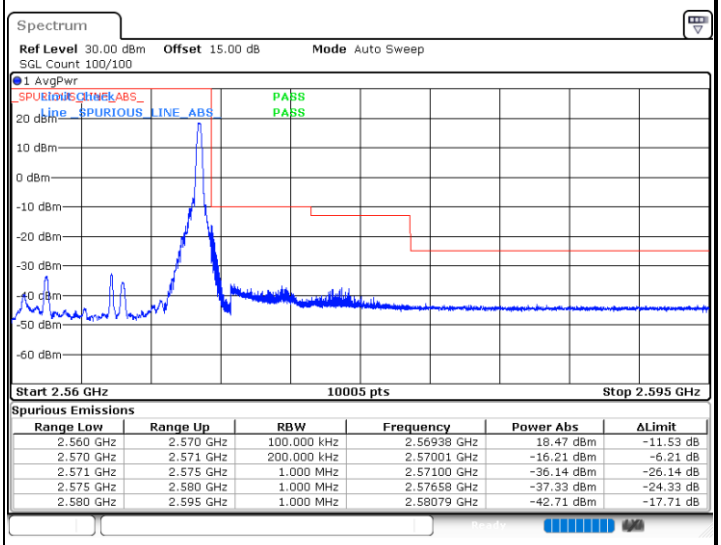


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49019 GHz	-43.05 dBm	-18.05 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49570 GHz	-37.43 dBm	-24.43 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-34.10 dBm	-24.10 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-15.03 dBm	-5.03 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	19.29 dBm	-10.71 dB

Date: 15.JAN.2025 10:16:47

Highest Band Edge / 1 RB

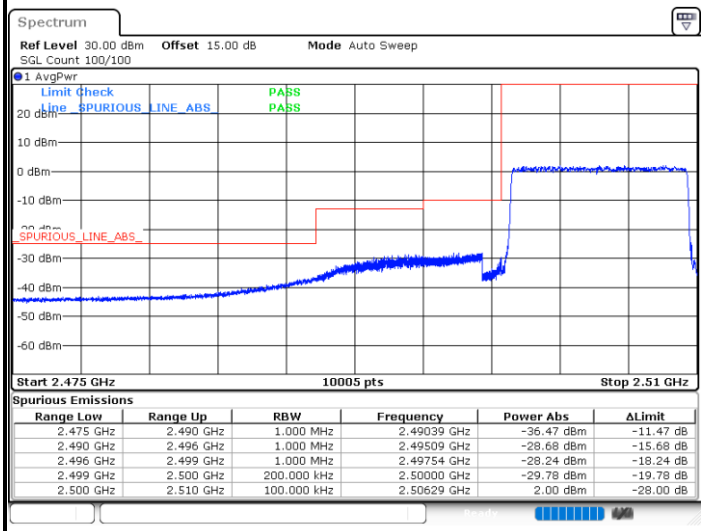


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56938 GHz	18.47 dBm	-11.53 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-16.21 dBm	-6.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-36.14 dBm	-26.14 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57658 GHz	-37.33 dBm	-24.33 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58079 GHz	-42.71 dBm	-17.71 dB

Date: 15.JAN.2025 10:24:32

Lowest Band Edge / Full RB

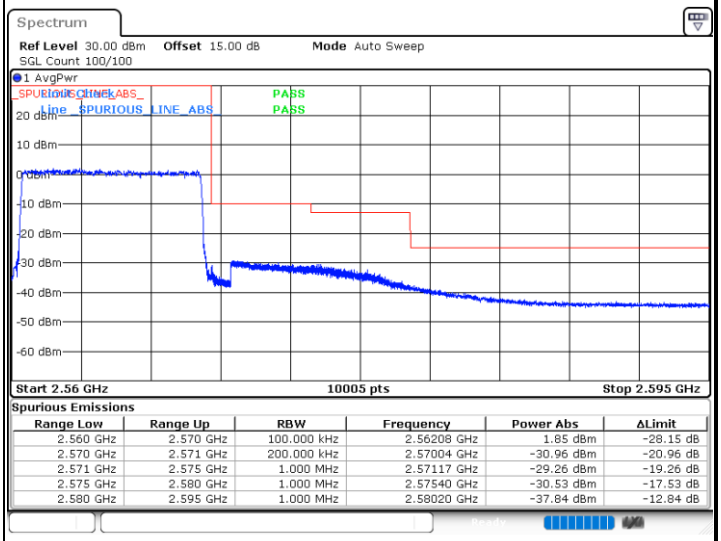


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49039 GHz	-36.47 dBm	-11.47 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49509 GHz	-28.68 dBm	-15.68 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49754 GHz	-28.24 dBm	-18.24 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-29.78 dBm	-19.78 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50629 GHz	2.00 dBm	-28.00 dB

Date: 15.JAN.2025 10:18:53

Highest Band Edge / Full RB



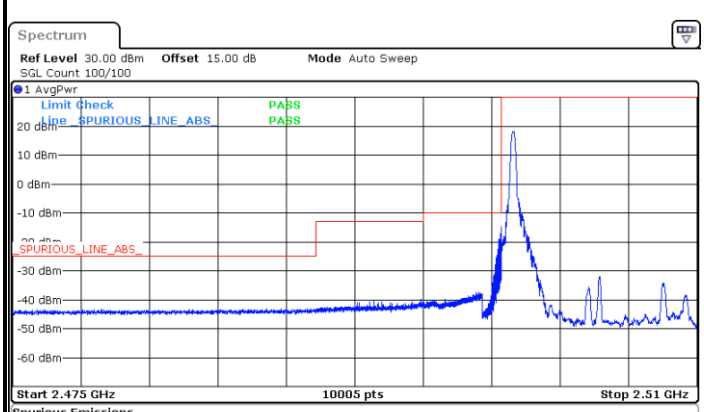
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56208 GHz	1.85 dBm	-28.15 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57004 GHz	-30.96 dBm	-20.96 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-29.26 dBm	-19.26 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57540 GHz	-30.53 dBm	-17.53 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58020 GHz	-37.84 dBm	-12.84 dB

Date: 15.JAN.2025 10:26:41

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB

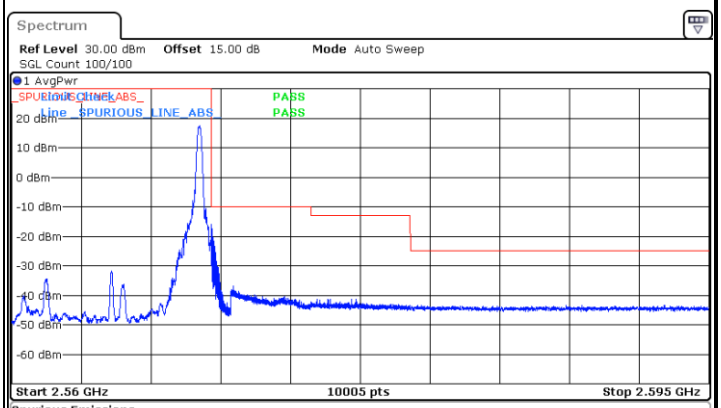


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48873 GHz	-43.22 dBm	-18.22 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49588 GHz	-39.96 dBm	-26.96 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49870 GHz	-37.57 dBm	-27.57 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-14.89 dBm	-4.89 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50062 GHz	18.11 dBm	-11.89 dB

Date: 15.JAN.2025 10:17:28

Highest Band Edge / 1 RB

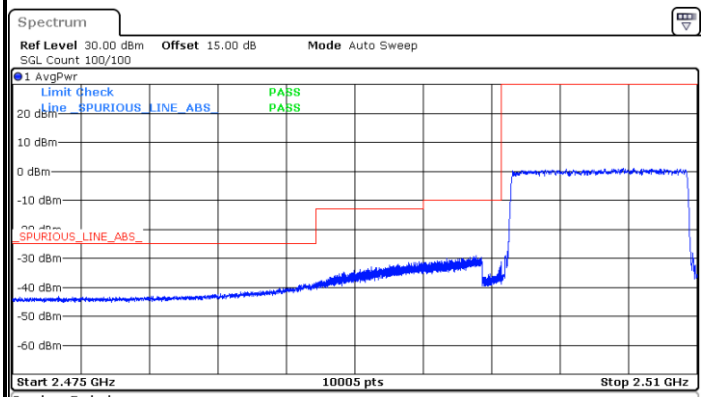


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	17.59 dBm	-12.41 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-16.06 dBm	-6.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-36.97 dBm	-26.97 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57728 GHz	-41.20 dBm	-28.20 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58782 GHz	-43.42 dBm	-18.42 dB

Date: 15.JAN.2025 10:25:16

Lowest Band Edge / Full RB

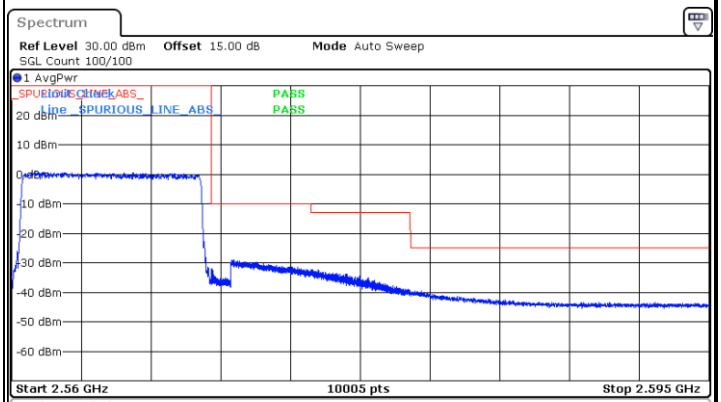


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-38.60 dBm	-13.60 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49579 GHz	-31.18 dBm	-18.18 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49870 GHz	-29.15 dBm	-19.15 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-31.33 dBm	-21.33 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50624 GHz	0.93 dBm	-29.07 dB

Date: 15.JAN.2025 10:19:34

Highest Band Edge / Full RB



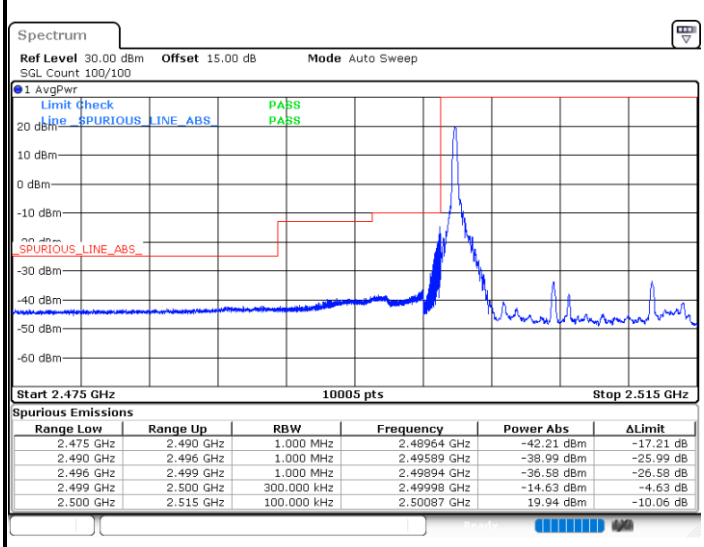
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56160 GHz	0.87 dBm	-29.13 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-31.97 dBm	-21.97 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-29.08 dBm	-19.08 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57511 GHz	-32.39 dBm	-19.39 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58027 GHz	-39.57 dBm	-14.57 dB

Date: 15.JAN.2025 10:27:22

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

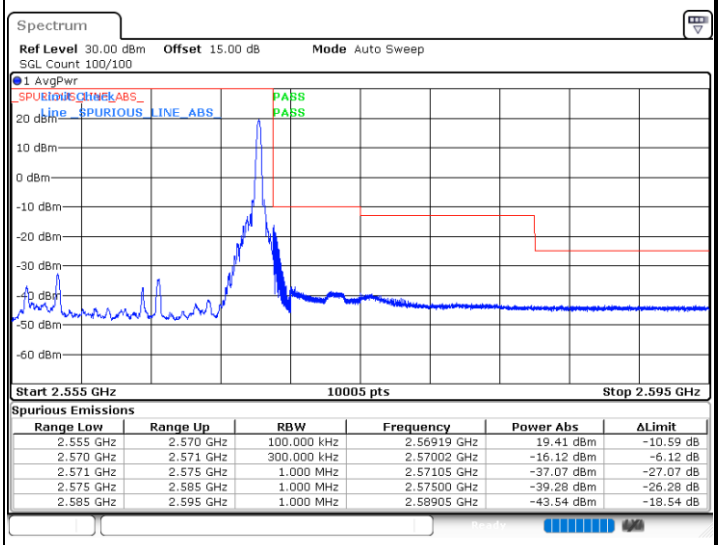


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48964 GHz	-42.21 dBm	-17.21 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49589 GHz	-38.99 dBm	-25.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49894 GHz	-36.58 dBm	-26.58 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-14.63 dBm	-4.63 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50087 GHz	19.94 dBm	-10.06 dB

Date: 15.JAN.2025 10:29:56

Highest Band Edge / 1 RB

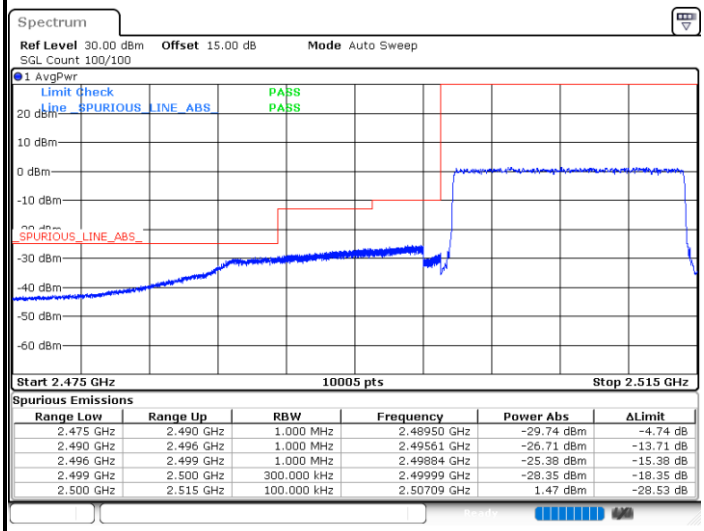


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	19.41 dBm	-10.59 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-16.12 dBm	-6.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-37.07 dBm	-27.07 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57500 GHz	-39.28 dBm	-26.28 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58905 GHz	-43.54 dBm	-18.54 dB

Date: 15.JAN.2025 10:37:38

Lowest Band Edge / Full RB

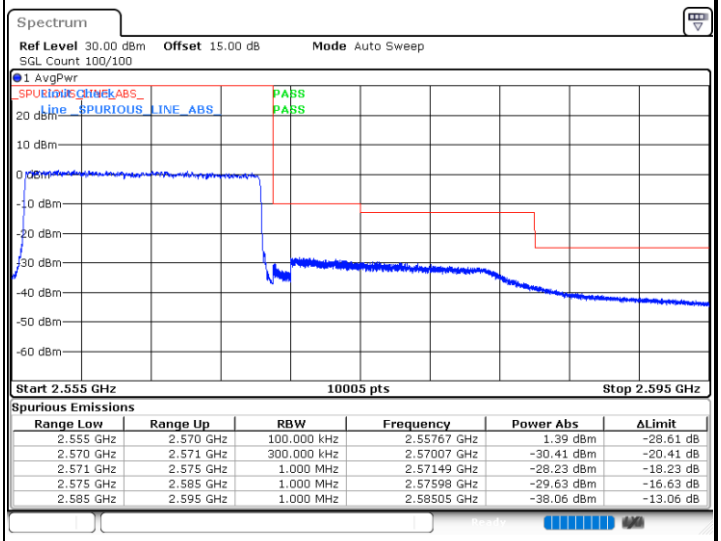


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48950 GHz	-29.74 dBm	-4.74 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49561 GHz	-26.71 dBm	-13.71 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-25.38 dBm	-15.38 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-28.35 dBm	-18.35 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50709 GHz	1.47 dBm	-28.53 dB

Date: 15.JAN.2025 10:31:59

Highest Band Edge / Full RB



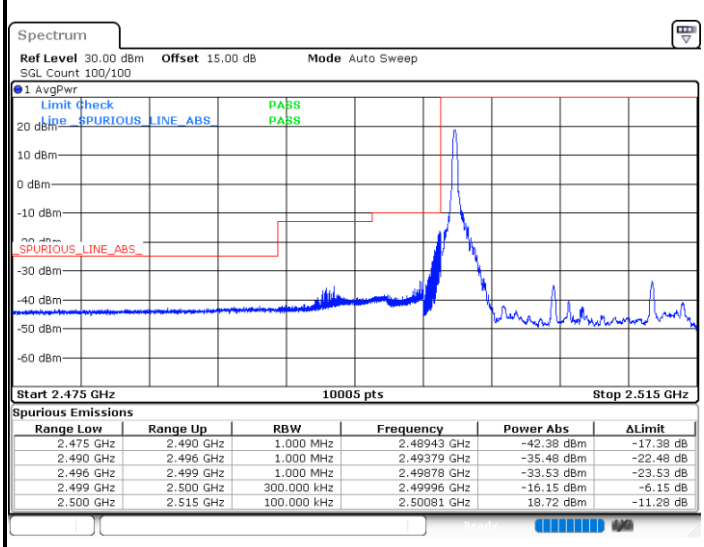
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55767 GHz	1.39 dBm	-28.61 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57007 GHz	-30.41 dBm	-20.41 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57149 GHz	-28.23 dBm	-18.23 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57598 GHz	-29.63 dBm	-16.63 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58505 GHz	-38.06 dBm	-13.06 dB

Date: 15.JAN.2025 10:39:40

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB

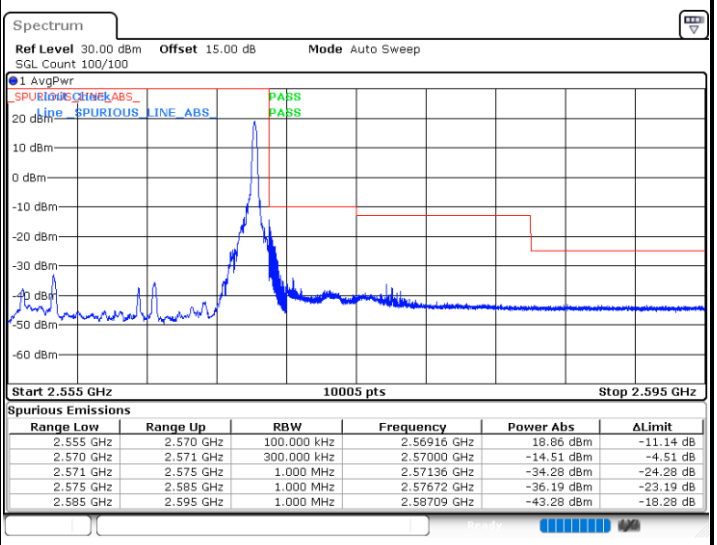


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48943 GHz	-42.38 dBm	-17.38 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49379 GHz	-35.48 dBm	-22.48 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49878 GHz	-33.53 dBm	-23.53 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49996 GHz	-16.15 dBm	-6.15 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50081 GHz	18.72 dBm	-11.28 dB

Date: 15.JAN.2025 10:30:36

Highest Band Edge / 1 RB

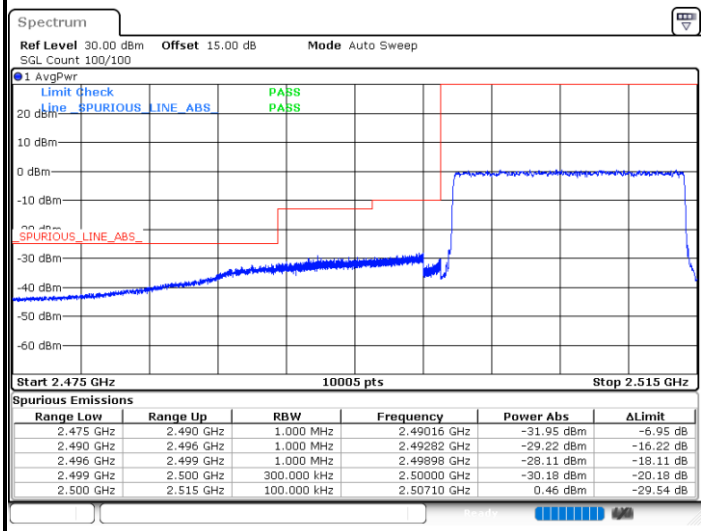


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	18.86 dBm	-11.14 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-14.51 dBm	-4.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-34.28 dBm	-24.28 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57672 GHz	-36.19 dBm	-23.19 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58709 GHz	-43.28 dBm	-18.28 dB

Date: 15.JAN.2025 10:38:19

Lowest Band Edge / Full RB

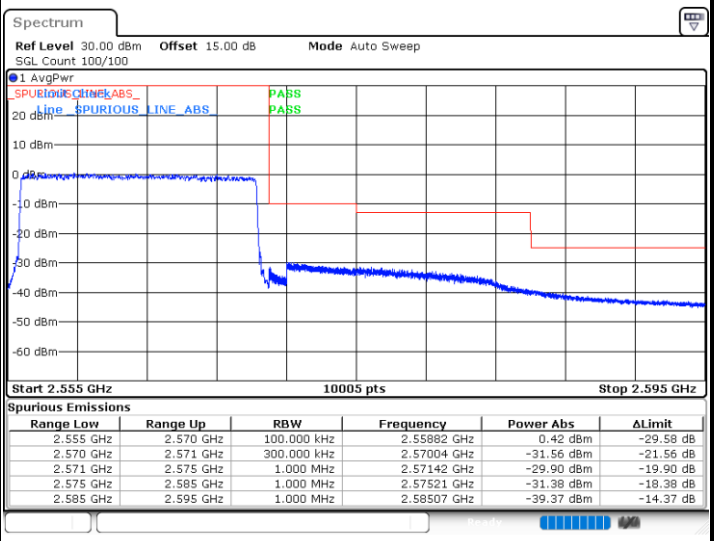


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49016 GHz	-31.95 dBm	-6.95 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49282 GHz	-29.22 dBm	-16.22 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-28.11 dBm	-18.11 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-30.18 dBm	-20.18 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50710 GHz	0.46 dBm	-29.54 dB

Date: 15.JAN.2025 10:32:39

Highest Band Edge / Full RB



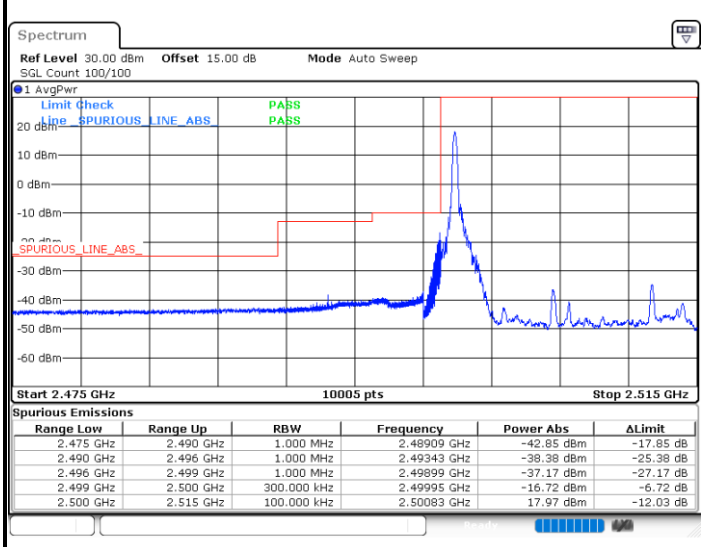
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55882 GHz	0.42 dBm	-29.58 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57004 GHz	-31.56 dBm	-21.56 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57142 GHz	-29.90 dBm	-19.90 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57521 GHz	-31.38 dBm	-18.38 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58507 GHz	-39.37 dBm	-14.37 dB

Date: 15.JAN.2025 10:40:21

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB

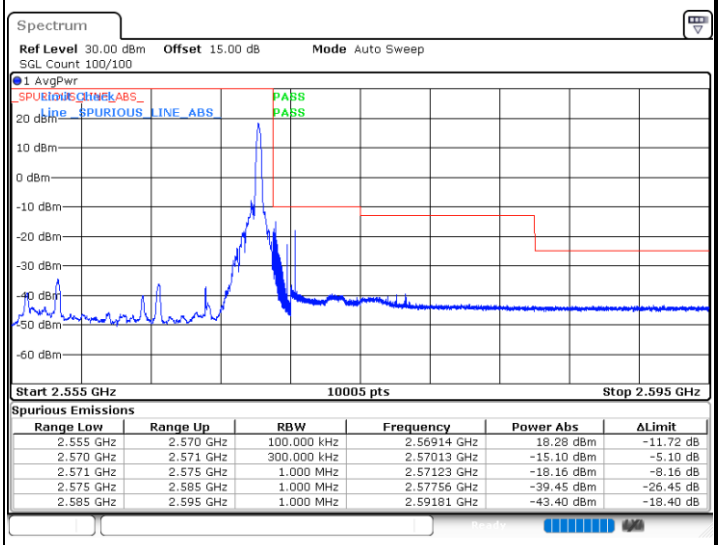


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48909 GHz	-42.85 dBm	-17.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49343 GHz	-38.38 dBm	-25.38 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-37.17 dBm	-27.17 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49995 GHz	-16.72 dBm	-6.72 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50083 GHz	17.97 dBm	-12.03 dB

Date: 15.JAN.2025 10:31:17

Highest Band Edge / 1 RB

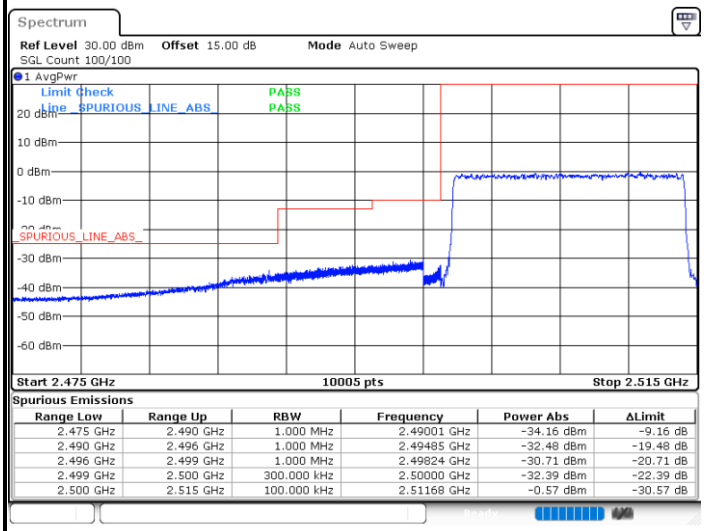


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56914 GHz	18.28 dBm	-11.72 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57013 GHz	-15.10 dBm	-5.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57123 GHz	-18.16 dBm	-8.16 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57756 GHz	-39.45 dBm	-26.45 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59181 GHz	-43.40 dBm	-18.40 dB

Date: 15.JAN.2025 10:38:59

Lowest Band Edge / Full RB

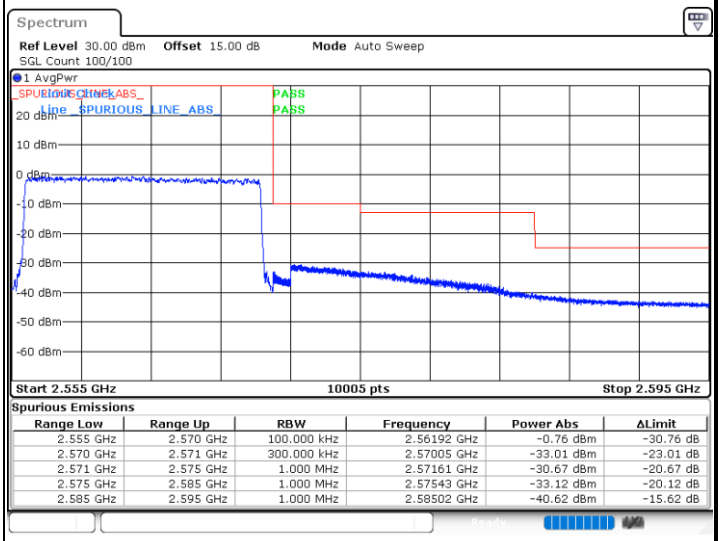


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49001 GHz	-34.16 dBm	-9.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49485 GHz	-32.48 dBm	-19.48 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49824 GHz	-30.71 dBm	-20.71 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-32.39 dBm	-22.39 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51168 GHz	-0.57 dBm	-30.57 dB

Date: 15.JAN.2025 10:33:20

Highest Band Edge / Full RB



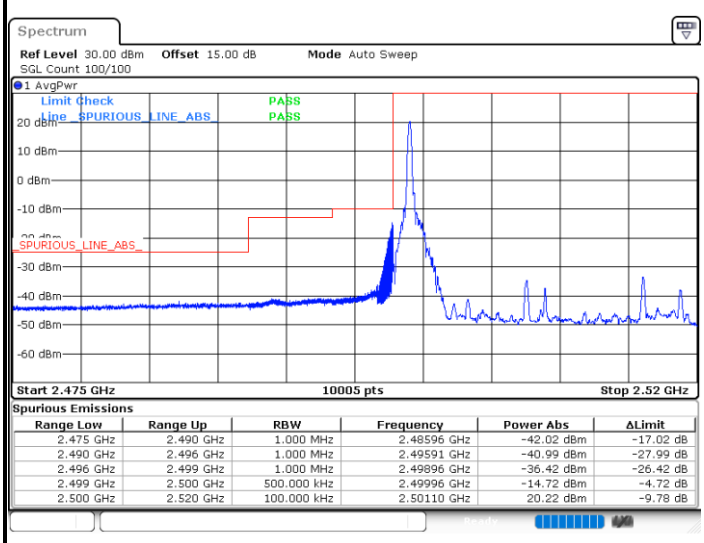
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56192 GHz	-0.76 dBm	-30.76 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-33.01 dBm	-23.01 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57161 GHz	-30.67 dBm	-20.67 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57543 GHz	-33.12 dBm	-20.12 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-40.62 dBm	-15.62 dB

Date: 15.JAN.2025 10:41:01

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

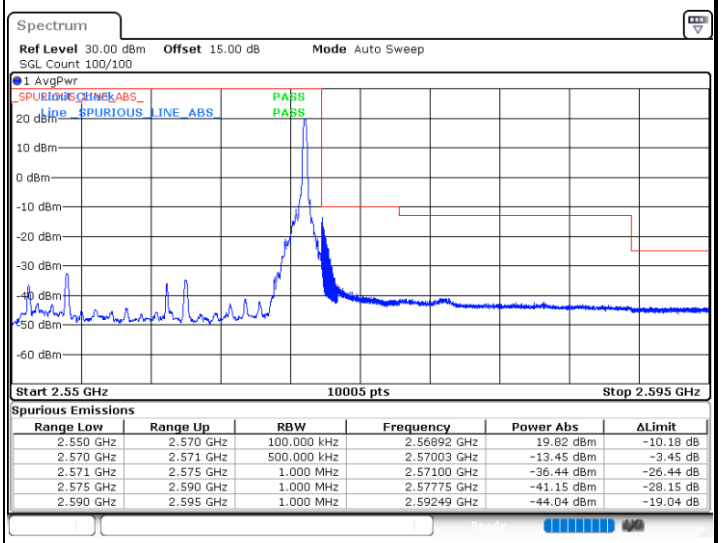


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48596 GHz	-42.02 dBm	-17.02 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-40.99 dBm	-27.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-36.42 dBm	-26.42 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49996 GHz	-14.72 dBm	-4.72 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	20.22 dBm	-9.78 dB

Date: 15.JAN.2025 10:43:35

Highest Band Edge / 1 RB

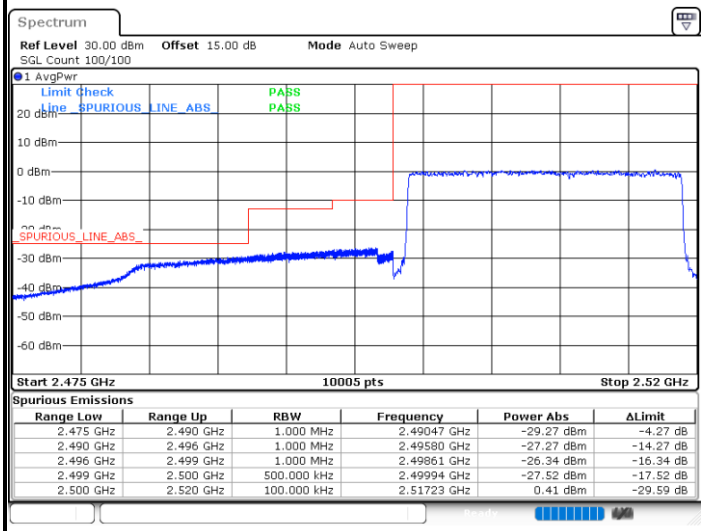


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.82 dBm	-10.18 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-13.45 dBm	-3.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-36.44 dBm	-26.44 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57775 GHz	-41.15 dBm	-28.15 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59249 GHz	-44.04 dBm	-19.04 dB

Date: 15.JAN.2025 10:52:35

Lowest Band Edge / Full RB

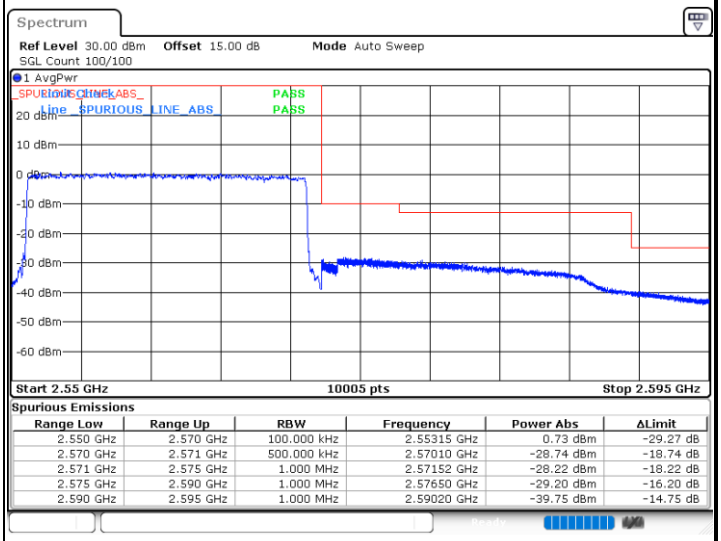


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-29.27 dBm	-4.27 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49580 GHz	-27.27 dBm	-14.27 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49861 GHz	-26.34 dBm	-16.34 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49994 GHz	-27.52 dBm	-17.52 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51723 GHz	0.41 dBm	-29.59 dB

Date: 15.JAN.2025 10:45:41

Highest Band Edge / Full RB



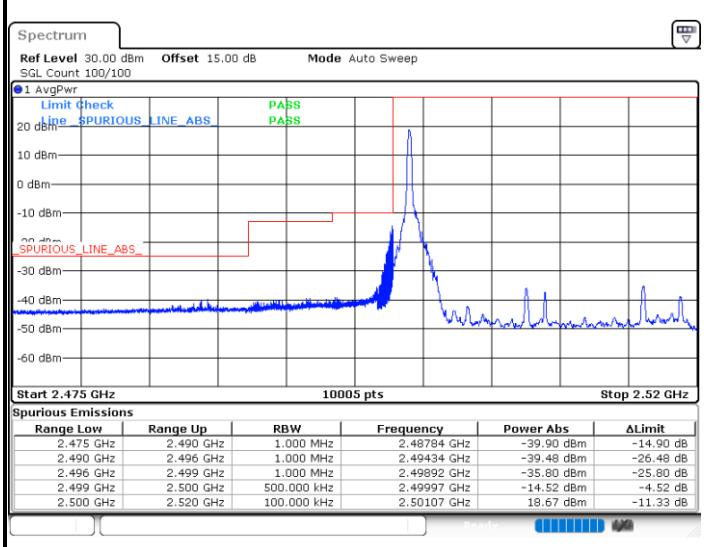
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55315 GHz	0.73 dBm	-29.27 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57010 GHz	-28.74 dBm	-18.74 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57152 GHz	-28.22 dBm	-18.22 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57650 GHz	-29.20 dBm	-16.20 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59020 GHz	-39.75 dBm	-14.75 dB

Date: 15.JAN.2025 10:54:22

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB

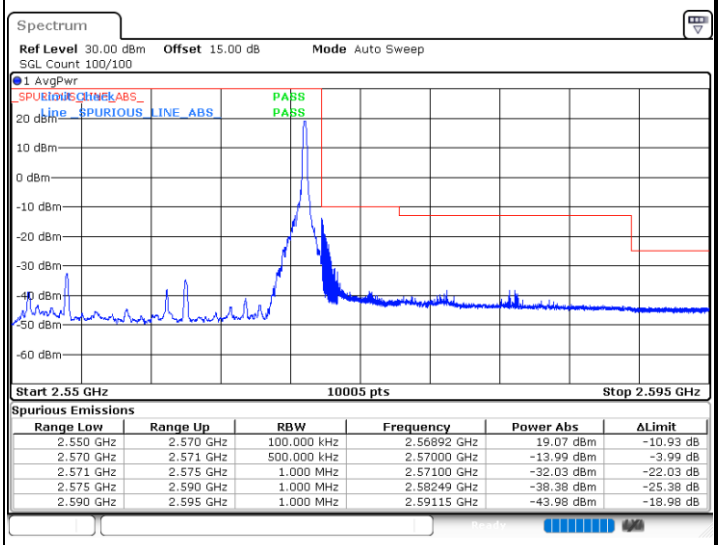


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48784 GHz	-39.90 dBm	-14.90 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49434 GHz	-39.48 dBm	-26.48 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-35.80 dBm	-25.80 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-14.52 dBm	-4.52 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50107 GHz	18.67 dBm	-11.33 dB

Date: 15.JAN.2025 10:44:15

Highest Band Edge / 1 RB

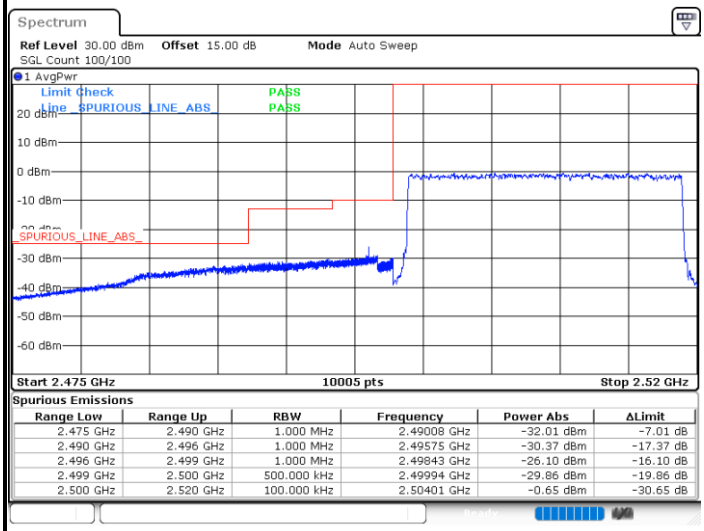


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	19.07 dBm	-10.93 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-13.99 dBm	-3.99 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-32.03 dBm	-22.03 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58249 GHz	-38.38 dBm	-25.38 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59115 GHz	-43.98 dBm	-18.98 dB

Date: 15.JAN.2025 10:53:11

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49008 GHz	-32.01 dBm	-7.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49575 GHz	-30.37 dBm	-17.37 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49843 GHz	-26.10 dBm	-16.10 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49994 GHz	-29.86 dBm	-19.86 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50401 GHz	-0.65 dBm	-30.65 dB

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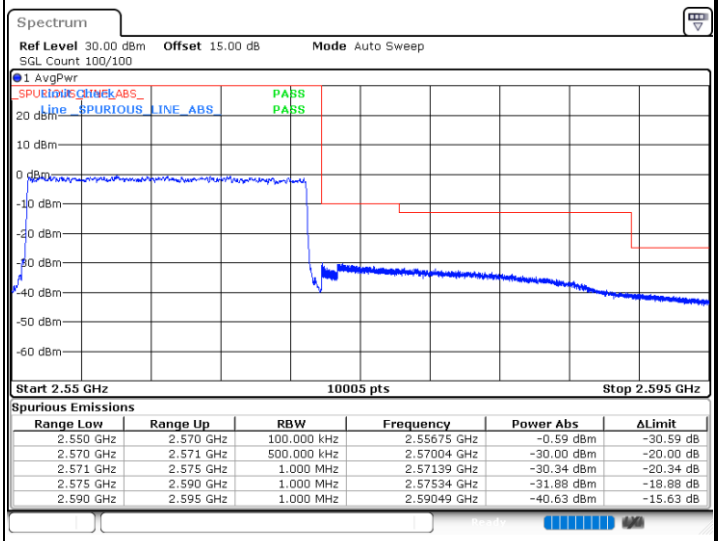
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55675 GHz	-0.59 dBm	-30.59 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-30.00 dBm	-20.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57139 GHz	-30.34 dBm	-20.34 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57534 GHz	-31.88 dBm	-18.88 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59049 GHz	-40.63 dBm	-15.63 dB

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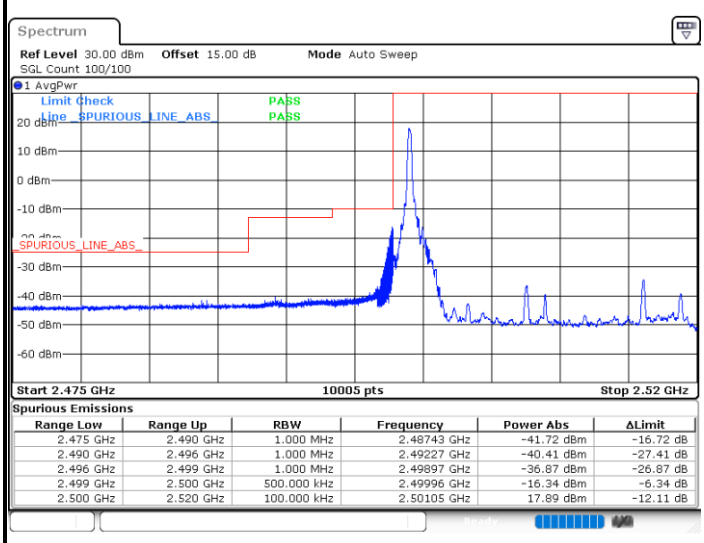
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48743 GHz	-41.72 dBm	-16.72 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49227 GHz	-40.41 dBm	-27.41 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-36.87 dBm	-26.87 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49996 GHz	-16.34 dBm	-6.34 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50105 GHz	17.89 dBm	-12.11 dB

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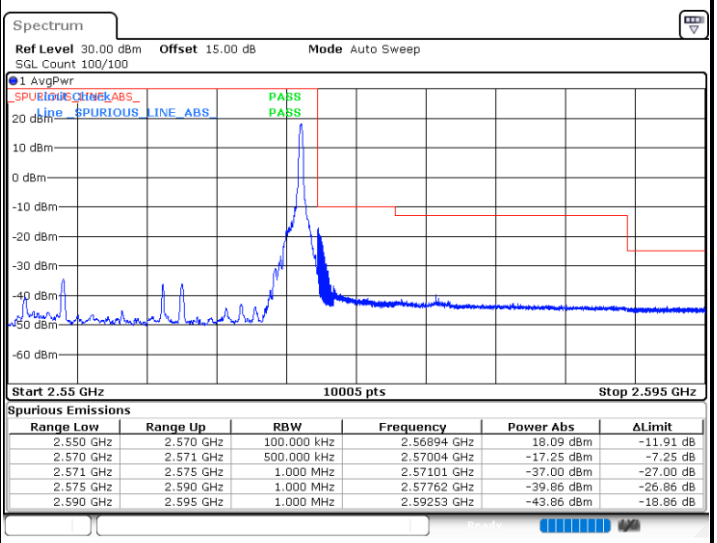
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56894 GHz	18.09 dBm	-11.91 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-17.25 dBm	-7.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-37.00 dBm	-27.00 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57762 GHz	-39.86 dBm	-26.86 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59253 GHz	-43.86 dBm	-18.86 dB

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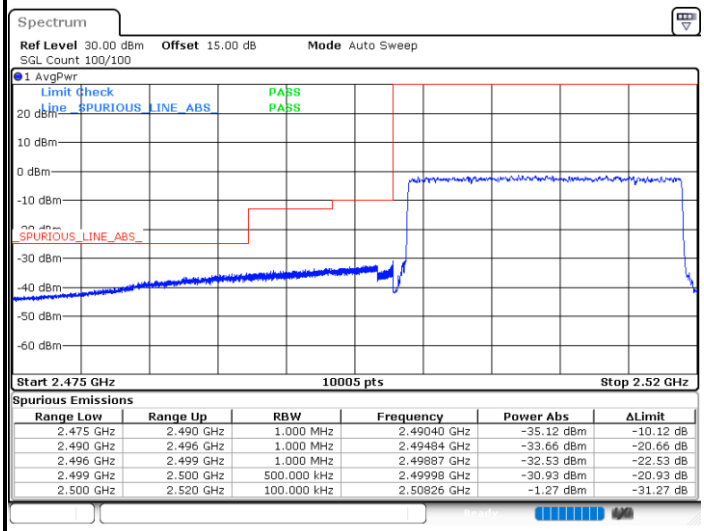
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-35.12 dBm	-10.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49484 GHz	-33.66 dBm	-20.66 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49887 GHz	-32.53 dBm	-22.53 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-30.93 dBm	-20.93 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50826 GHz	-1.27 dBm	-31.27 dB

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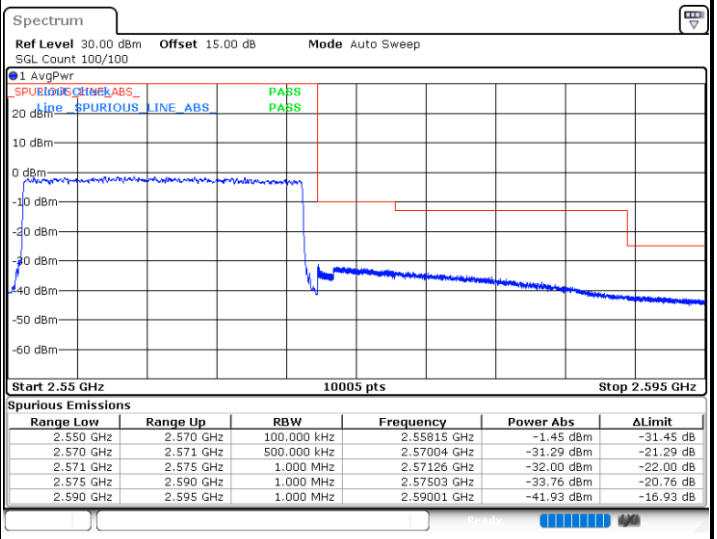
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55815 GHz	-1.45 dBm	-31.45 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57004 GHz	-31.29 dBm	-21.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57126 GHz	-32.00 dBm	-22.00 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-33.76 dBm	-20.76 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59001 GHz	-41.93 dBm	-16.93 dB

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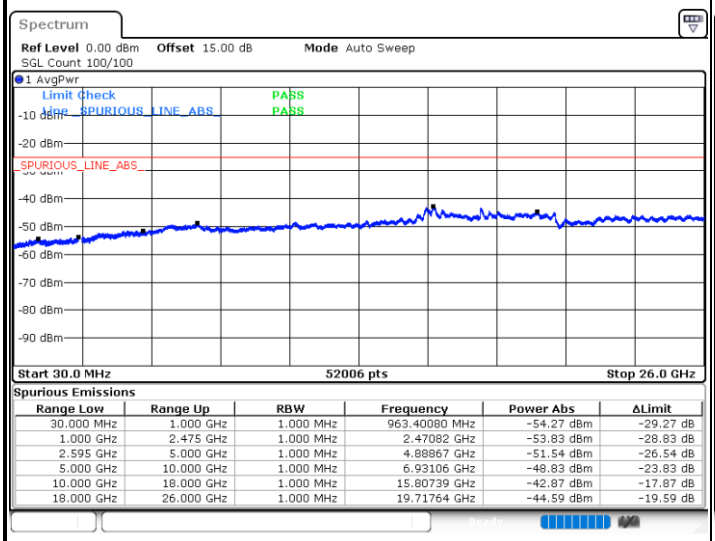
Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-54.27 dBm	-29.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47082 GHz	-53.83 dBm	-28.83 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.88867 GHz	-51.54 dBm	-26.54 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93106 GHz	-48.83 dBm	-23.83 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.80739 GHz	-42.87 dBm	-17.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.71764 GHz	-44.59 dBm	-19.59 dB

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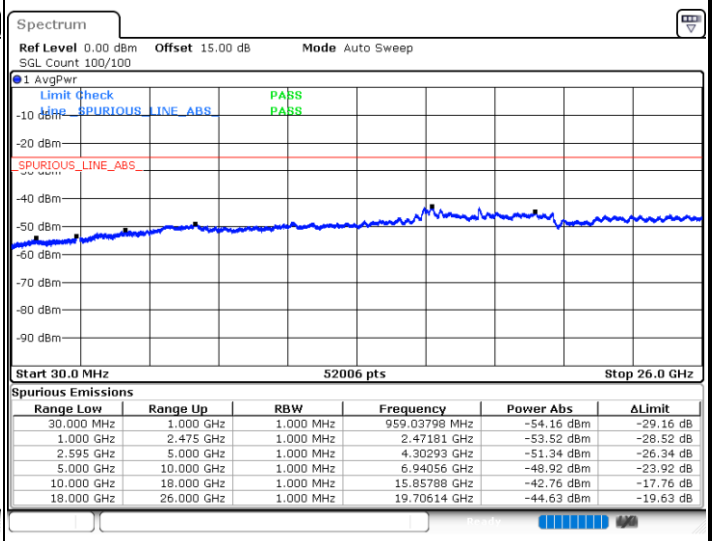
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-54.16 dBm	-29.16 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47181 GHz	-53.52 dBm	-28.52 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.30293 GHz	-51.34 dBm	-26.34 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94056 GHz	-48.92 dBm	-23.92 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.85788 GHz	-42.76 dBm	-17.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.70614 GHz	-44.63 dBm	-19.63 dB

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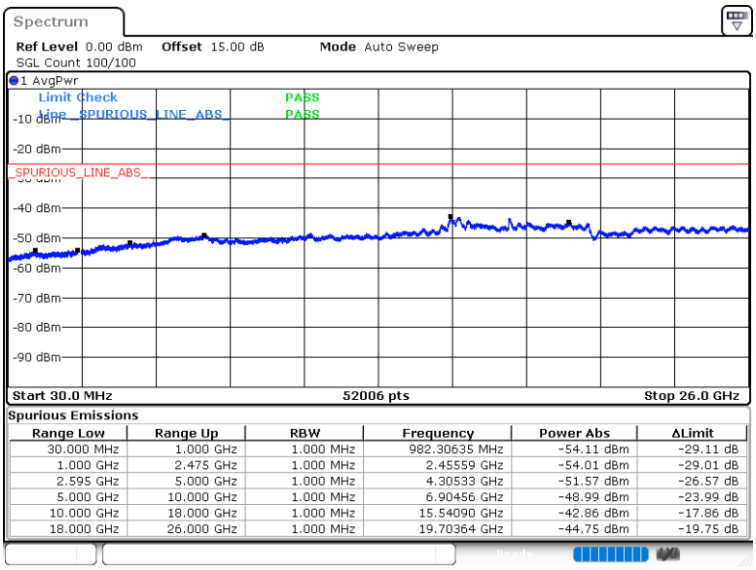
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-54.11 dBm	-29.11 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45559 GHz	-54.01 dBm	-29.01 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.30533 GHz	-51.57 dBm	-26.57 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.90456 GHz	-48.99 dBm	-23.99 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.54090 GHz	-42.86 dBm	-17.86 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.70364 GHz	-44.75 dBm	-19.75 dB

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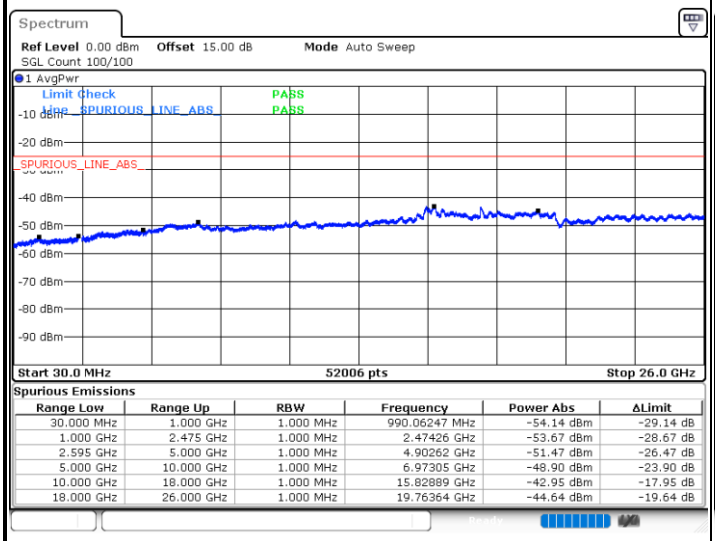
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-54.14 dBm	-29.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47426 GHz	-53.67 dBm	-28.67 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.90262 GHz	-51.47 dBm	-26.47 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97305 GHz	-48.90 dBm	-23.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.82889 GHz	-42.95 dBm	-17.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.76364 GHz	-44.64 dBm	-19.64 dB

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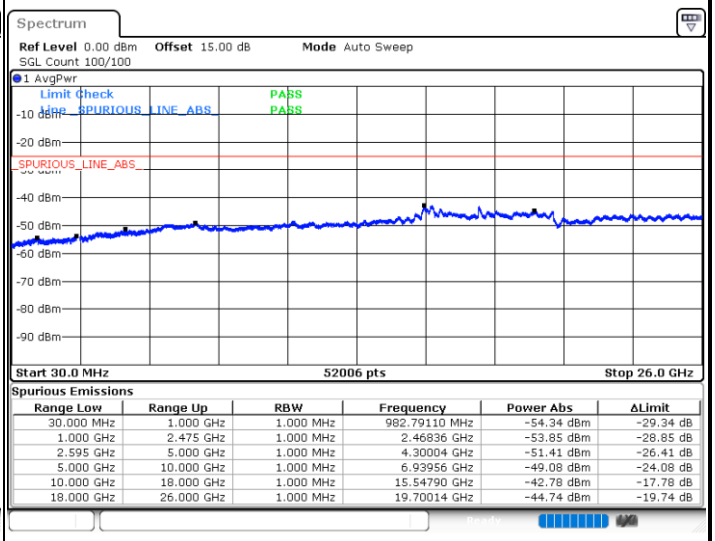
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.79110 MHz	-54.34 dBm	-29.34 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46836 GHz	-53.85 dBm	-28.85 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.30004 GHz	-51.41 dBm	-26.41 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.93956 GHz	-49.08 dBm	-24.08 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.54790 GHz	-42.78 dBm	-17.78 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.70014 GHz	-44.74 dBm	-19.74 dB

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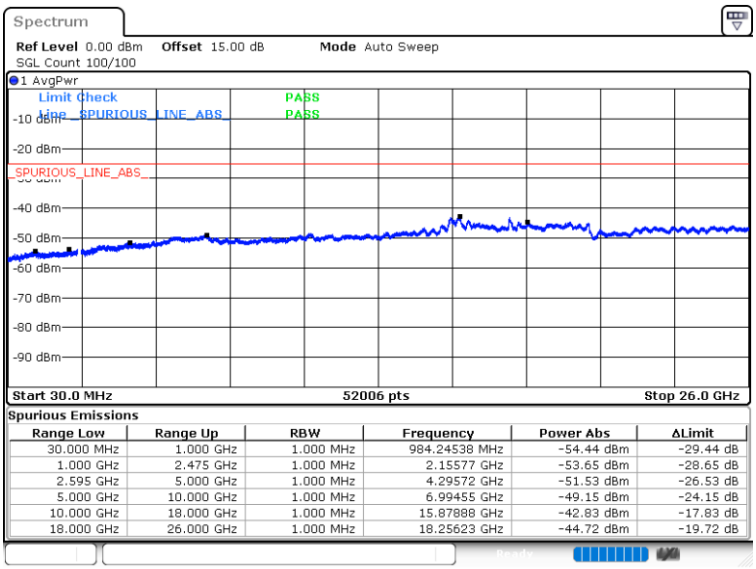
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-54.44 dBm	-29.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15577 GHz	-53.65 dBm	-28.65 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.29572 GHz	-51.53 dBm	-26.53 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99455 GHz	-49.15 dBm	-24.15 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.87888 GHz	-42.83 dBm	-17.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.25623 GHz	-44.72 dBm	-19.72 dB

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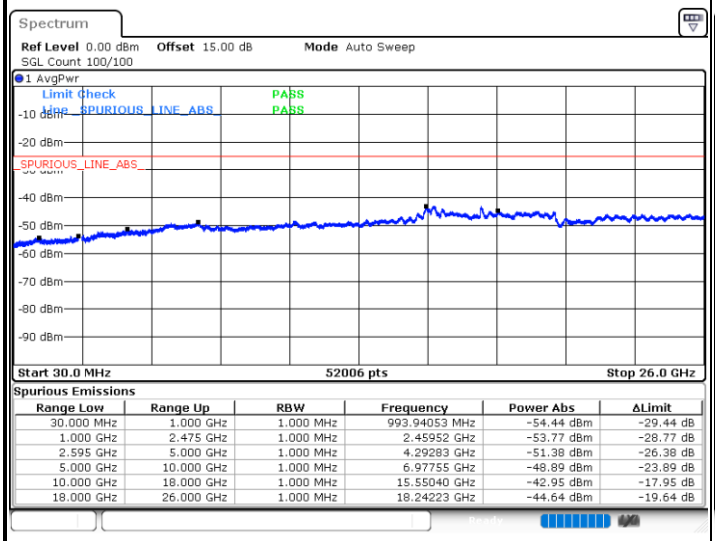
LTE Band 7 / 15MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-54.44 dBm	-29.44 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45952 GHz	-53.77 dBm	-28.77 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.29283 GHz	-51.38 dBm	-26.38 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.97755 GHz	-48.89 dBm	-23.89 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.55040 GHz	-42.95 dBm	-17.95 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.24223 GHz	-44.64 dBm	-19.64 dB

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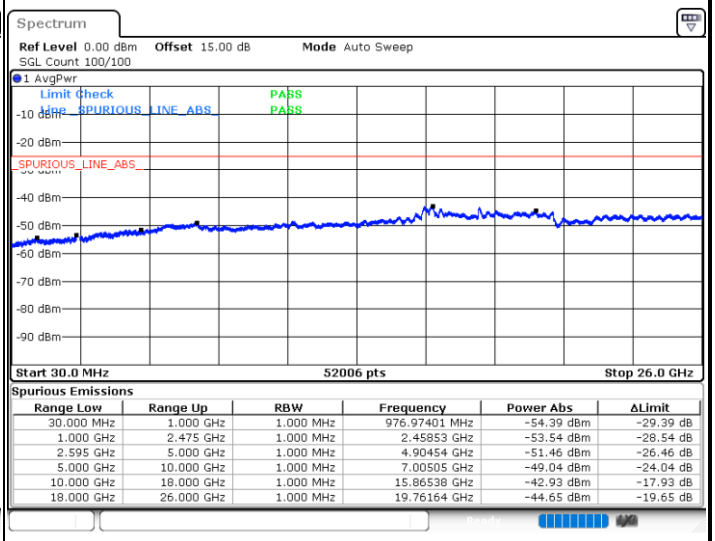
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-54.39 dBm	-29.39 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45853 GHz	-53.54 dBm	-28.54 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.90454 GHz	-51.46 dBm	-26.46 dB
5.000 GHz	10.000 GHz	1.000 MHz	7.00505 GHz	-49.04 dBm	-24.04 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.86538 GHz	-42.93 dBm	-17.93 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.76164 GHz	-44.65 dBm	-19.65 dB

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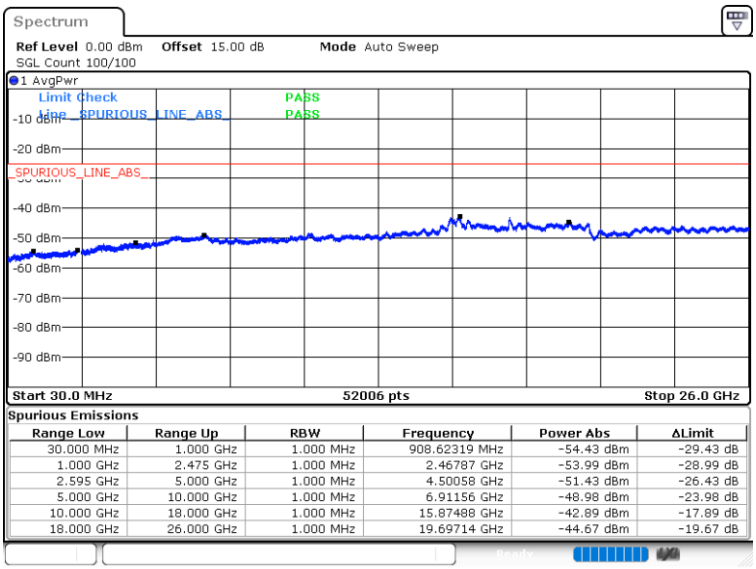
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.62319 MHz	-54.43 dBm	-29.43 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46787 GHz	-53.99 dBm	-28.99 dB
2.595 GHz	5.000 GHz	1.000 MHz	4.50058 GHz	-51.43 dBm	-26.43 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.91156 GHz	-48.98 dBm	-23.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.87488 GHz	-42.89 dBm	-17.89 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.69714 GHz	-44.67 dBm	-19.67 dB

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