FCC RF Test Report

APPLICANT	:	**Nokia Shanghai Bell Co., Ltd.**
EQUIPMENT	:	**Nokia FastMile 5G Receiver High Gain**
BRAND NAME	:	**Nokia**
MODEL NAME	:	**5G16-A**
FCC ID	:	**2ADZR5G16A**
STANDARD	:	**47 CFR Part 2, 96**
CLASSIFICATION	:	**Citizens Band Category A and B Devices (CBD)**
EQUIPMENT TYPE	:	**CPE-CBSD (Category B)**
TEST DATE(S)	:	**Apr. 21, 2023 ~ May 30, 2023**

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 and shown compliance with the applicable technical standards.

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

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People's Republic of China

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History of this test report

Report No.	Version	Description	Issued Date
FG341901E	01	Initial issue of report	Jun. 20, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Limit	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	-	Reporting only	-
3.3	§96.41	Peak-to-Average Ratio	<-13dB	Pass	-
3.4	§96.41	Maximum E.I.R.P	<47dBm/ 10MHz	Pass	-
		Maximum Power Spectral Density	<37dBm/MHz	Pass	-
3.5	§2.1049 §96.41	Occupied Bandwidth	-	Reporting only	-
3.6	§2.1051 §96.41	Conducted Band Edge Measurement	<−40dBm/MHz	Pass	-
3.7	§2.1051 §96.41	Conducted Spurious Emission	<−40dBm/MHz	Pass	
3.8	§2.1055	Frequency Stability for Temperature & Voltage	Within Authorized Band	Pass	-
4.4	§2.1051 §96.41	Radiated Spurious Emission	<−40dBm/MHz	Pass	Under limit 6.46 dB at 7230.00 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

Nokia Shanghai Bell Co., Ltd.
388#, Ningqiao Road, China (Shanghai) Pilot Free Trade Zone, Shanghai 201206, China

1.2 Manufacturer

Nokia Solutions and Networks Oy
Karakaari 7, 02610 Espoo, Finland

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Nokia FastMile 5G Receiver High Gain
Brand Name	Nokia
Model Name	5G16-A
FCC ID	2ADZR5G16A
Tx Frequency	LTE Band 48: 3550 MHz ~ 3700 MHz
Rx Frequency	LTE Band 48: 3550 MHz ~ 3700 MHz
Bandwidth	5MHz / 10MHz / 15MHz / 20MHz
Maximum Conducted Power	<Ant. 1> LTE Band 48: 20.83 dBm LTE Band 48C: 18.78 dBm
Antenna Gain	<Ant. 1> LTE Band 48: 17.99 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM
IMEI Code	Conducted: 355231280005192 Radiation: 355231280005010
HW Version	3TG02369Axxx, x:A~Z
SW Version	5GReceiver-HG-2_D230200B31T0001E0147
EUT Stage	Identical Prototype

1.4 Maximum EIRP and Emission Designator

LTE Band 48		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP (W)	Emission Designator (99%OBW)	Maximum EIRP (W)	Emission Designator (99%OBW)
5	3552.5~3697.5	7.5336	4M51G7D	6.0954	4M52W7D
10	3555.0~3695.0	7.4989	9M07G7D	6.0674	9M03W7D
15	3557.5~3692.5	7.5509	13M5G7D	6.0395	13M5W7D
20	3560.0~3690.0	7.6208	17M9G7D	6.3096	17M9W7D
LTE Band 48C_CA		**QPSK**		**16QAM/64QAM/256QAM**	
BW (MHz) Frequency (MHz)		**Maximum EIRP (W)**	**Emission Designator (99%OBW)**	**Maximum EIRP (W)**	**Emission Designator (99%OBW)**
5MHz+20MHz		4.4875	23M4G7D	4.4259	23M4W7D
10MHz+20MHz		4.4566	28M1G7D	4.4157	28M0W7D
15MHz+20MHz		4.6238	32M9G7D	4.5394	32M9W7D
20MHz+5MHz		4.5604	23M3G7D	4.5186	23M5W7D
20MHz+10MHz		4.6026	28M1G7D	4.6026	28M3W7D
20MHz+15MHz		4.5814	33M1G7D	4.5394	33M0W7D
20MHz+20MHz		4.7534	37M6G7D	4.6238	37M7W7D

Note: All modulations have been tested, only the worst test results of PSK & QAM are shown in the report.

1.5 Testing Site

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.**
	03CH04-KS TH01-KS	CN1257	314309

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-KS	AUDIX	E3	6.2009-8-24al

1.7 Applied Standards

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

- ANSI C63.26-2015
- 47 CFR Part 2, 96
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 940660 D01 Part 96 CBRS v03
- 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.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

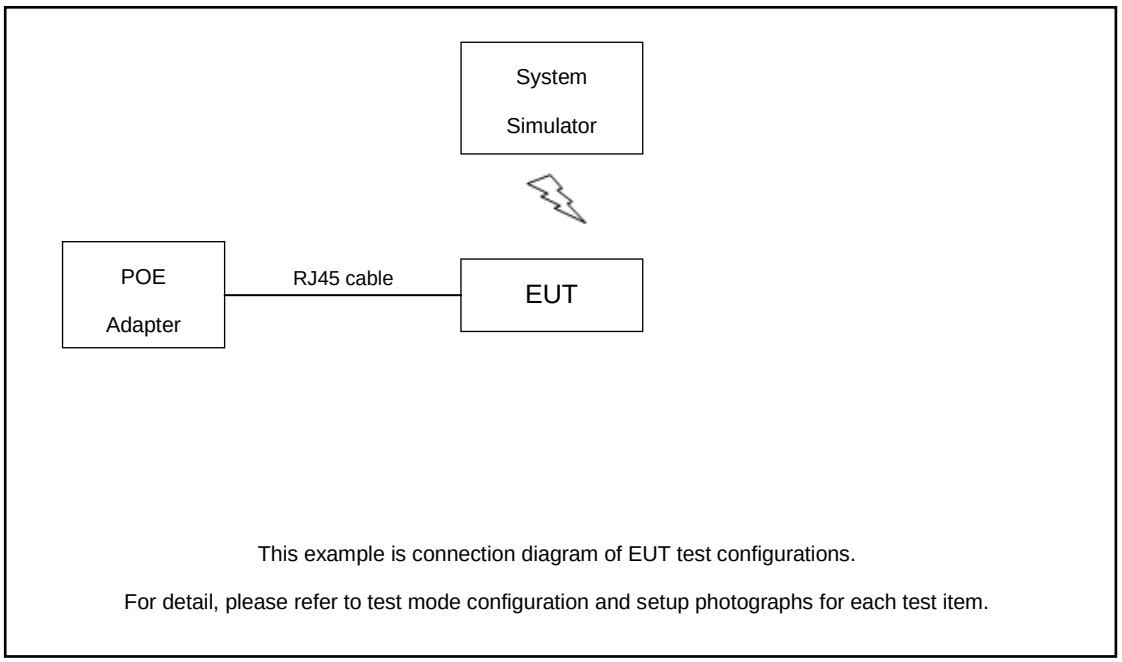
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	48	-	-	v	v	v	v	v	v	v	v	v		v	v	v	v
EIRP PSD	48	-	-	v	v	v	v	v	v	v	v	v		v	v	v	v
Peak-to-Average Ratio	48	-	-				v	v	v	v	v			v		v	
26dB and 99% Bandwidth	48	-	-	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	48	-	-	v	v	v	v	v	v	v	v	v		v	v	v	v
Conducted Spurious Emission	48	-	-	v	v	v	v	v				v			v	v	v
E.I.R.P	48	-	-	v	v	v	v	v	v	v	v	v		v	v	v	v
Frequency Stability	48	-	-		v			v						v		v	
Radiated Spurious Emission	48	Worst Case														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. All test items are based on engineering evaluation.																

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	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v		v	v	v	v
EIRP PSD	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v		v	v	v	v
Peak-to-Average Ratio	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v		v	v	v	v
26dB and 99% Bandwidth	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v			v		v	
Conducted Band Edge	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v		v	v	v	v
Conducted Spurious Emission	48C_CA	v	v	v	v	v	v	v	-	-	-	v				v			v	v	v
E.I.R.P.	48C_CA	v	v	v	v	v	v	v	-	-	-	v	v	v	v	v		v	v	v	v
Frequency Stability	48C_CA	v							-	-	-	v						v		v	
Radiated Spurious Emission	48C_CA	Worst Case																		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. All test items are based on engineering evaluation.																				

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

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.	System Simulator	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 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.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 6.5 dB.

Example :

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

= 6.5 (dB)

2.5 Frequency List of Low/Middle/High Channels

LTE Band 48 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	55340	55990	56640
	Frequency	3560.0	3625.0	3690.0
15	Channel	55315	55990	56665
	Frequency	3557.5	3625.0	3692.5
10	Channel	55290	55990	56690
	Frequency	3555.0	3625.0	3695.0
5	Channel	55265	55990	56715
	Frequency	3552.5	3625.0	3697.5

LTE Band 48C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 20	PCC	Channel	55273	55898	56523
		Frequency	3553.3	3615.8	3678.3
	SCC	Channel	55390	56015	56640
		Frequency	3565	3627.5	3690
20 + 5	PCC	Channel	55340	55965	56590
		Frequency	3560	3622.5	3685
	SCC	Channel	55457	56082	56707
		Frequency	3571.7	3634.2	3696.7
10 + 20	PCC	Channel	55295	55896	56496
		Frequency	3555.5	3615.6	3675.6
	SCC	Channel	55439	56040	56640
		Frequency	3569.9	3630	3690
20 + 10	PCC	Channel	55340	55941	56541
		Frequency	3560	3620.1	3680.1
	SCC	Channel	55484	56085	56685
		Frequency	3574.4	3634.5	3694.5
15 + 20	PCC	Channel	55318	55893	56469
		Frequency	3557.8	3615.3	3672.9
	SCC	Channel	55489	56064	56640
		Frequency	3574.9	3632.4	3690
20 + 15	PCC	Channel	55340	55916	56491
		Frequency	3560	3617.6	3675.1
	SCC	Channel	55511	56087	56662
		Frequency	3577.1	3634.7	3692.2
20 +20	PCC	Channel	55340	55891	56442
		Frequency	3560	3615.1	3670.2
	SCC	Channel	55538	56089	56640
		Frequency	3579.8	3634.9	3690

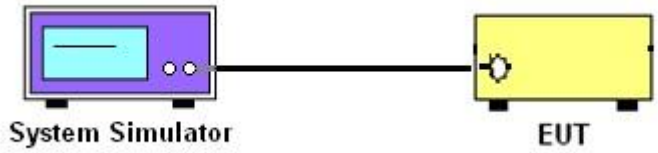
3 Conducted Test Items

3.1 Measuring Instruments

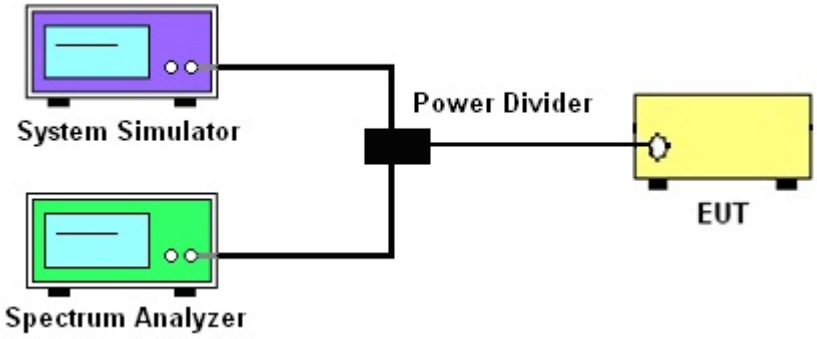
See list of measuring instruments of this test report.

3.1.1 Test Setup

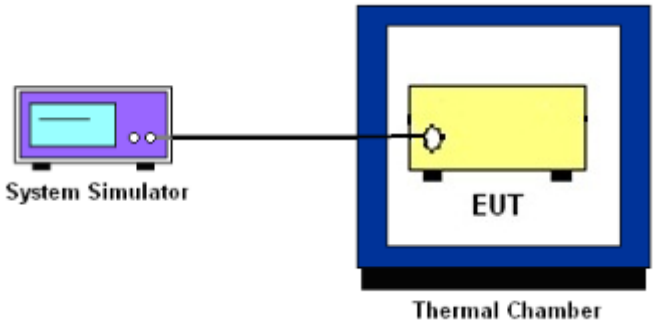
3.1.2 Conducted Output Power



3.1.3 PSD, Peak-to-Average Ratio, 26dB & 99% Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power 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.

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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

3.4 EIRP and PSD

3.4.1 Description of the EIRP and PSD Measurement

EIRP and PSD limits for CBRS equipment as below table:

Device		Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
☐	**End User Device**	23	N/A
☐	**Category A CBSD**	30	20
Applied	**Category B CBSD**	47	37

Note:

1. The total channel bandwidth EIRP comply with the limit, thus any 10MHz EIRP also comply.
2. Maximum PSD values are radiated. Measurements can be done conducted and add antenna gain back in.

3.4.2 Test Procedures for EIRP

1. Establishing a communications link with the call box (Base station) to measure the Maximum conducted power, the parameters were set to force the EUT transmitting at maximum output power level. Use the average power measurement function to measure total channel power of each channel bandwidth (per ANSI C63.26-2015 Section 5.2.1)

2. Determining ERP and/or EIRP from conducted RF output power measurements (Per ANSI C63.26-2015 Section 5.2.5.5)

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

3.4.3 Test Procedures for EIRP PSD

1. Set instrument center frequency to OBW center frequency.
2. Set span to at least 2 times the OBW.
3. Set the RBW to the specified reference bandwidth (often 1 MHz).
4. Set VBW ≥ 3 × RBW.
5. Detector = RMS (power averaging).
6. Ensure that the number of measurement points in the sweep ≥ 2 × span/RBW.
7. Sweep time = auto couple.
8. Employ trace averaging (RMS) mode over a minimum of 100 traces.
9. Use the peak marker function to determine the maximum amplitude level within the reference bandwidth (PSD).
10. Determine the EIRP by adding the effective antenna gain to the adjusted power level.
11. Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.

The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.5 Occupied Bandwidth

3.5.1 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.

3.5.2 Test Procedures

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

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

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

Part 96.41 (e) (1) (ii)

For End User Devices the emission limits outside the fundamental are as follows:

Within 0 MHz to B MHz above and below the assigned channel ≤ −13 dBm/MHz

Greater than B MHz above and below the assigned channel ≤ −25 dBm/MHz

where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device.

Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

Part 96.41 (e) (2)

For CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed −25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

9. The EUT was connected to spectrum analyzer and system simulator via a power divider.
10. The band edges of low and high channels for the highest RF powers were measured.
11. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
12. Beyond the 1 MHz band from the band edge, RBW=1MHz was used
13. Offset has included the duty factor for LTE Band 48. Duty factor =10 log (1/x), where x is the measured duty cycle.
14. Set spectrum analyzer with RMS detector.
15. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

96.41 (e)(2)

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed −40dBm/MHz.

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is −40dBm/MHz.

3.8 Frequency Stability

3.8.1 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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

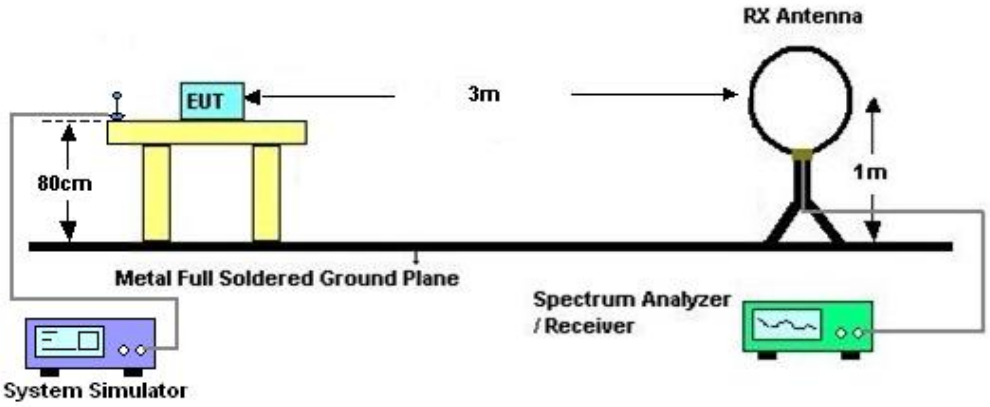
4 Radiated Test Items

4.1 Measuring Instruments

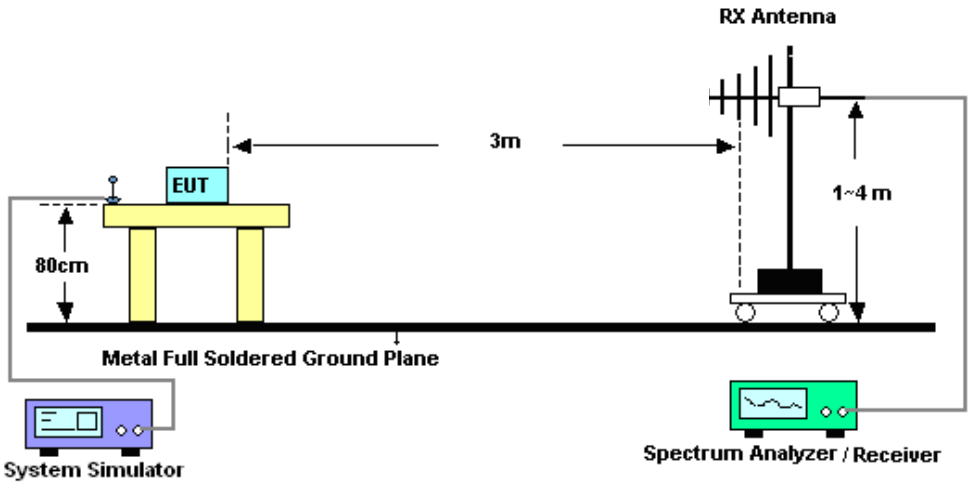
See list of measuring instruments of this test report.

4.2 Test Setup

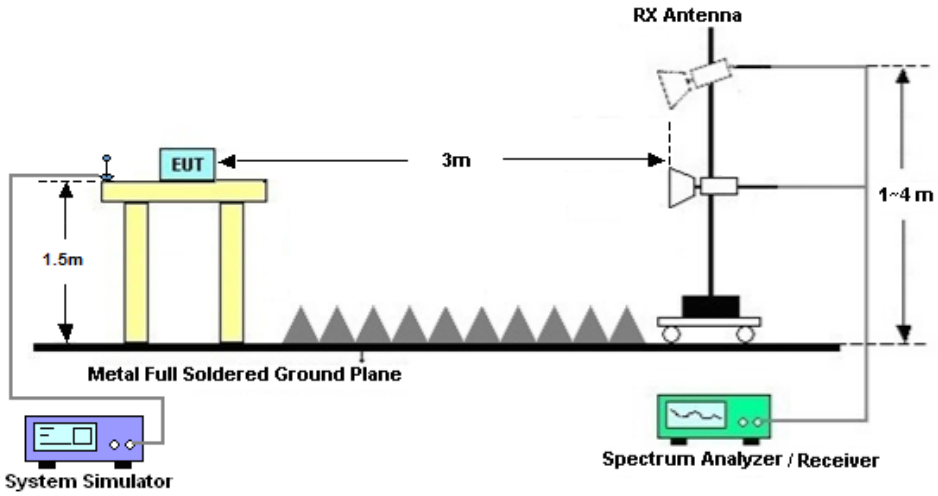
4.2.1 For radiated test below 30MHz



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 Measurement

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

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least -40dBm / MHz.

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

4.4.2 Test Procedures

1. 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.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
   Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
   EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
   ERP (dBm) = EIRP - 2.15
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
   The limit line is −40dBm/MHz

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. 12, 2022	Apr. 21, 2023~ May 17, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Apr. 21, 2023~ May 17, 2023	NCR	Conducted (TH01-KS)
Temperature &humidity chamber	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 15, 2022	Apr. 21, 2023~ May 17, 2023	Jul. 14, 2023	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY57471079	10Hz-44G,MAX 30dB	Oct. 12, 2022	May 30, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	May 30, 2023	Oct. 15, 2023	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	Apr. 09, 2023	May 30, 2023	Apr. 08, 2024	Radiation (03CH04-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	1284	1GHz~18GHz	Oct. 16, 2022	May 30, 2023	Oct. 15, 2023	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 08, 2023	May 30, 2023	Jan. 07, 2024	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380827	9KHz-1GHz	Jul. 11, 2022	May 30, 2023	Jul. 10, 2023	Radiation (03CH04-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2023	May 30, 2023	Jan. 04, 2024	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18GA	060840	1Ghz-18Ghz	Oct. 12, 2022	May 30, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
Amplifier	Agilent	8449B	3008A02370	1Ghz-18Ghz	Oct. 12, 2022	May 30, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	May 30, 2023	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	May 30, 2023	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	May 30, 2023	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required

6 Uncertainty of Evaluation

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±0.46 dB
Conducted Emissions	±0.48 dB
Occupied Channel Bandwidth	±0.1 %

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.82 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.56 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.54dB

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

Appendix A. Test Results of Conducted Test

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

A1. Conducted Output Power(Average power) and EIRP

LTE Band 48:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				55340	55990	56640			
Frequency (MHz)				3560	3625	3690	L	M	H
20	QPSK	1	0	17.80	17.55	17.74	3.7931	3.5810	3.7411
20	QPSK	1	99	17.66	17.75	17.71	3.6728	3.7497	3.7154
20	QPSK	100	0	20.81	20.69	20.83	7.5858	7.3790	7.6208
20	16QAM	100	0	20.01	19.87	19.90	6.3096	6.1094	6.1518
20	16QAM	1	0	16.64	16.46	16.67	2.9040	2.7861	2.9242
20	64QAM	1	0	15.39	15.18	15.36	2.1777	2.0749	2.1627
20	256QAM	1	0	16.50	16.33	16.41	2.8119	2.7040	2.7542
Channel				55315	55990	56665	EIRP(W)		
Frequency (MHz)				3557.5	3625	3692.5	L	M	H
15	QPSK	1	0	17.77	17.67	17.66	3.7670	3.6813	3.6728
15	16QAM	1	0	16.70	16.65	16.67	2.9444	2.9107	2.9242
15	QPSK	75	0	20.79	20.77	20.64	7.5509	7.5162	7.2946
15	16QAM	75	0	19.82	19.69	19.63	6.0395	5.8614	5.7810
Channel				55290	55990	56690	EIRP(W)		
Frequency (MHz)				3555	3625	3695	L	M	H
10	QPSK	1	0	17.67	17.58	17.63	3.6813	3.6058	3.6475
10	16QAM	1	0	16.68	16.76	16.80	2.9309	2.9854	3.0130
10	QPSK	50	0	20.76	20.58	20.59	7.4989	7.1945	7.2111
10	16QAM	50	0	19.84	19.71	19.62	6.0674	5.8884	5.7677
Channel				55265	55990	56715	EIRP(W)		
Frequency (MHz)				3552.5	3625	3697.5	L	M	H
5	QPSK	1	0	17.70	17.53	17.64	3.7068	3.5645	3.6559
5	16QAM	1	0	16.91	16.84	16.81	3.0903	3.0409	3.0200
5	QPSK	25	0	20.78	20.66	20.58	7.5336	7.3282	7.1945
5	16QAM	25	0	19.86	19.70	19.61	6.0954	5.8749	5.7544

LTE Band 48C_CA:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.53	0.8954
M	QPSK	1	Max	1	0	11.48	0.8851
H	QPSK	1	Max	1	0	11.41	0.8710
L	QPSK	FULL	0	FULL	0	18.70	4.6666
M	QPSK	FULL	0	FULL	0	18.78	4.7534
H	QPSK	FULL	0	FULL	0	18.68	4.6452
L	16QAM	1	Max	1	0	11.40	0.8690
M	16QAM	1	Max	1	0	11.35	0.8590
H	16QAM	1	Max	1	0	11.30	0.8492
L	16QAM	FULL	0	FULL	0	18.60	4.5604
M	16QAM	FULL	0	FULL	0	18.66	4.6238
H	16QAM	FULL	0	FULL	0	18.56	4.5186
L	64QAM	1	Max	1	0	11.40	0.8690
M	64QAM	1	Max	1	0	11.13	0.8166
H	64QAM	1	Max	1	0	11.23	0.8356
L	64QAM	FULL	0	FULL	0	18.49	4.4463
M	64QAM	FULL	0	FULL	0	18.53	4.4875
H	64QAM	FULL	0	FULL	0	18.48	4.4361
L	256QAM	1	Max	1	0	11.20	0.8299
M	256QAM	1	Max	1	0	11.17	0.8241
H	256QAM	1	Max	1	0	11.20	0.8299
L	256QAM	FULL	0	FULL	0	16.55	2.8445
M	256QAM	FULL	0	FULL	0	16.58	2.8642
H	256QAM	FULL	0	FULL	0	16.63	2.8973
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.46	0.8810
L	16QAM	1	Max	1	0	11.35	0.8590
M	QPSK	FULL	0	FULL	0	18.62	4.5814
M	16QAM	FULL	0	FULL	0	18.58	4.5394
Combination 15MHz+20MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.44	0.8770
L	16QAM	1	Max	1	0	11.35	0.8590
M	QPSK	FULL	0	FULL	0	18.66	4.6238
M	16QAM	FULL	0	FULL	0	18.58	4.5394
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.43	0.8750
L	16QAM	1	Max	1	0	11.38	0.8650
M	QPSK	FULL	0	FULL	0	18.64	4.6026
M	16QAM	FULL	0	FULL	0	18.60	4.5604

Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.49	0.8872
L	16QAM	1	Max	1	0	11.39	0.8670
M	QPSK	FULL	0	FULL	0	18.50	4.4566
M	16QAM	FULL	0	FULL	0	18.46	4.4157
Combination 20MHz+5MHz (100RB+25RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.46	0.8810
L	16QAM	1	Max	1	0	11.35	0.8590
M	QPSK	FULL	0	FULL	0	18.60	4.5604
M	16QAM	FULL	0	FULL	0	18.56	4.5186
Combination 5MHz+20MHz (25RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L	QPSK	1	Max	1	0	11.35	0.8590
L	16QAM	1	Max	1	0	11.31	0.8511
M	QPSK	FULL	0	FULL	0	18.53	4.4875
M	16QAM	FULL	0	FULL	0	18.47	4.4259

A2. LTE Band 48

A2.1 EIRP PSD

FULLRB

Mode	LTE Band 48 : EIRP PSD (dBm/1MHz)							
BW	5MHz				10MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	33.41	32.24	31.27	29.17	30.62	29.48	28.59	26.42
Middle CH	33.17	32.21	31.16	29.17	30.32	29.23	28.16	26.08
Highest CH	33.1	32.2	31.23	29.16	30.22	29.29	28.27	26.13
BW	15MHz				20MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	28.64	27.58	26.56	24.53	27.6	26.55	25.4	23.16
Middle CH	28.46	27.49	26.49	24.45	27.28	26.18	25.16	23.08
Highest CH	28.56	27.53	26.51	24.45	27.36	26.42	25.39	23.42
Limit	37dBm /1MHz							
Gain	17.99							
Result	Pass							

1RB0

Mode	LTE Band 48 : EIRP PSD (dBm/1MHz)							
BW	5MHz				10MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	36.28	35.46	34.36	35.19	36.5	35.61	34.2	35.44
Middle CH	36.31	35.6	34.06	35.05	36.12	34.94	33.98	35.05
Highest CH	36.26	35.15	34.16	35.4	36.14	35.73	34.26	35.29
BW	15MHz				20MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	36.67	35.43	34.16	35.31	36.41	35.42	33.94	35.39
Middle CH	36.09	35.02	34.06	35.23	36.13	35.05	34.08	35.25
Highest CH	36.09	34.9	34.18	35.15	36.04	35.08	34.54	35.48
Limit	37dBm /1MHz							
Gain	17.99							
Result	Pass							

1RBmax

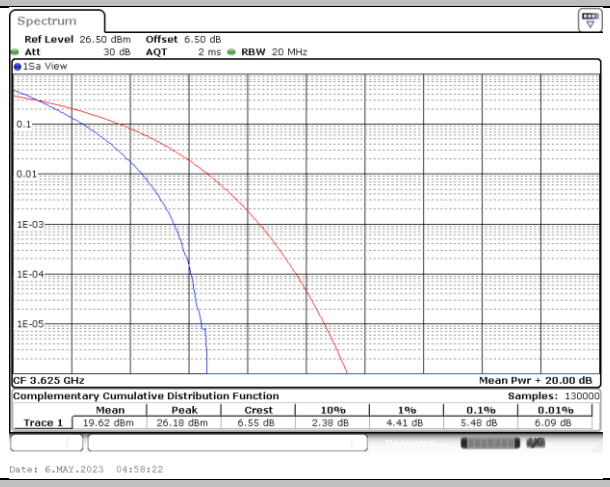
Mode	LTE Band 48 : EIRP PSD (dBm/1MHz)							
BW	5MHz				10MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	36.59	35.44	34.41	35.32	36.12	35.24	34.43	35.49
Middle CH	36.12	35.24	34.3	35.28	36.32	35.23	34.04	35.28
Highest CH	36.2	35.32	34.43	35.35	36.12	35.18	34.49	35.18
BW	15MHz				20MHz			
Mod.	QPSK	16QAM	64QPSK	256QAM	QPSK	16QAM	64QPSK	256QAM
Lowest CH	36.26	35.2	34.02	34.79	35.79	35.14	34.06	35
Middle CH	36	35.12	34.13	35.12	35.94	35.36	33.92	35.41
Highest CH	35.97	35.1	33.88	35.43	35.86	35.03	33.96	35.17
Limit	37dBm /1MHz							
Gain	17.99							
Result	Pass							

A2.2 Peak-to-Average Ratio

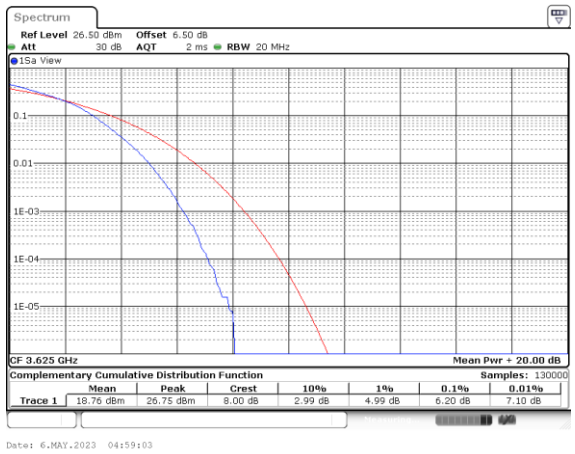
Mode	LTE Band 48 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB				Result
Middle CH	5.48	6.20	7.57	6.67	PASS

LTE Band 48 / 20MHz / Full RB / Middle Channel

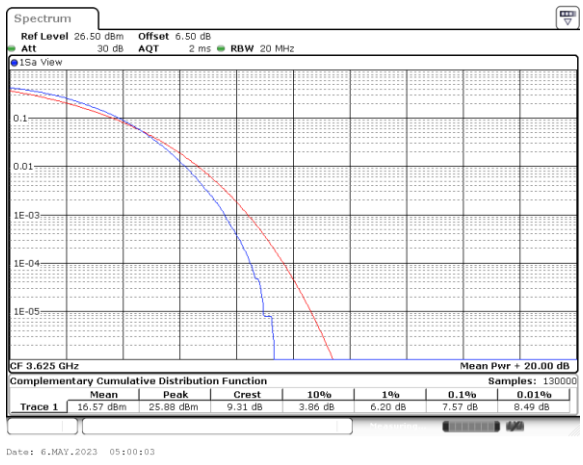
QPSK



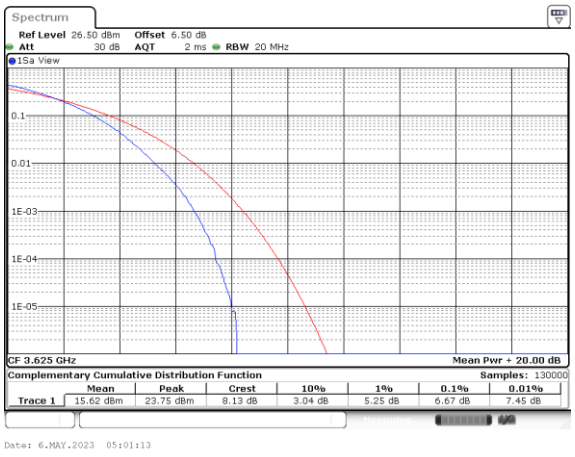
16QAM



64QAM



256QAM

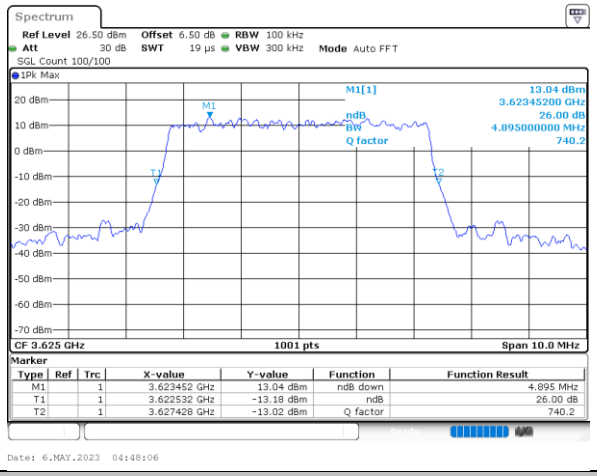


A2.3 26dB Bandwidth

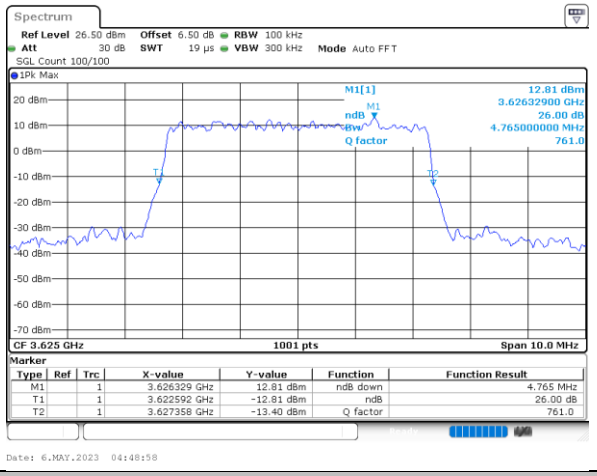
Mode	LTE Band 48 : 26dB BW(MHz)							
BW	5MHz				10MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	4.90	4.77	4.81	4.84	9.81	9.71	9.63	9.81
BW	15MHz				20MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	14.45	14.30	14.15	14.18	19.18	18.74	18.86	18.94

LTE Band 48 / Middle channel / Full RB/ 5M

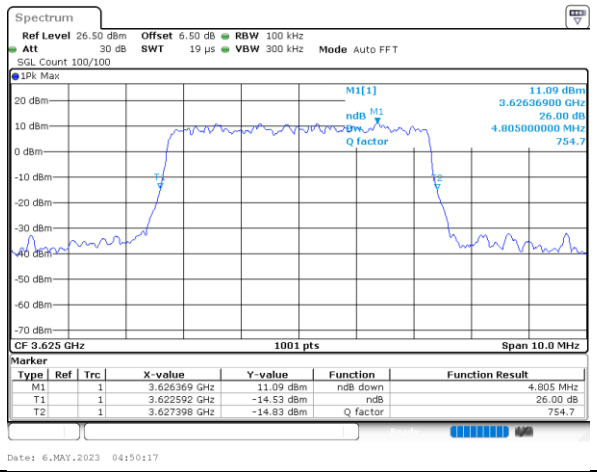
QPSK



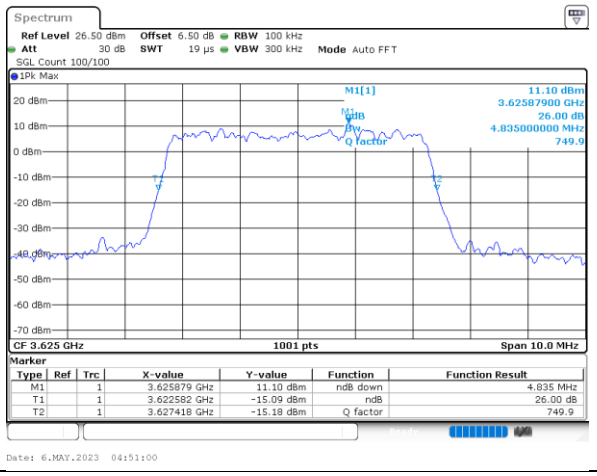
16QAM



64QAM

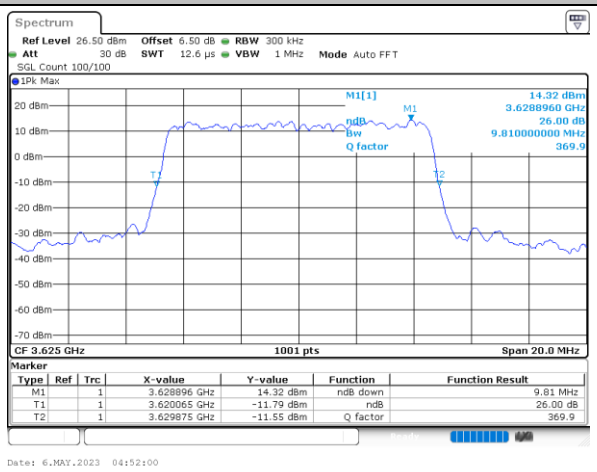


256QAM

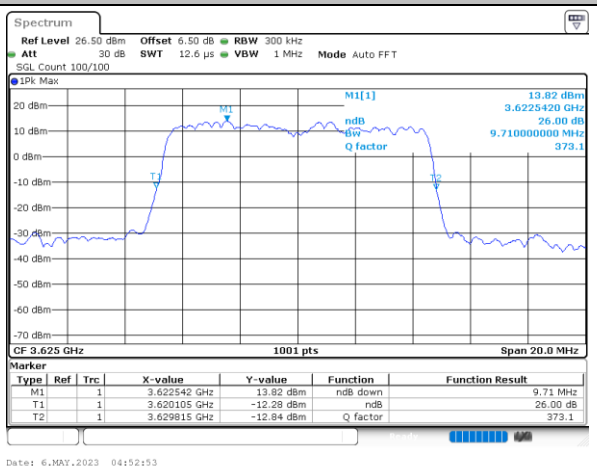


LTE Band 48 / Middle channel / Full RB/ 10M

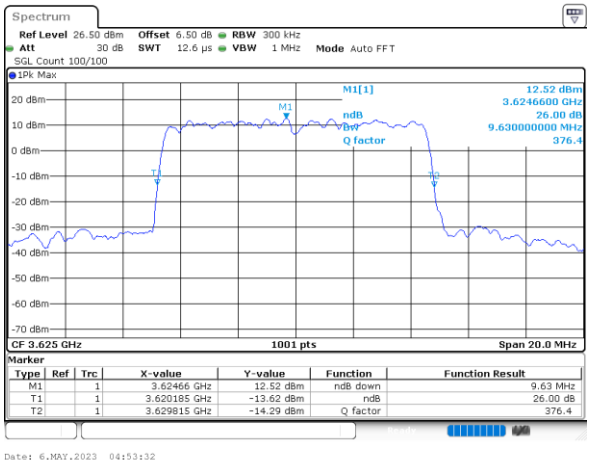
QPSK



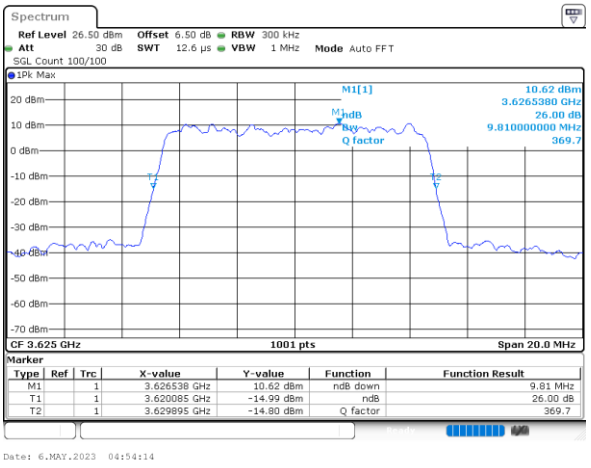
16QAM



64QAM

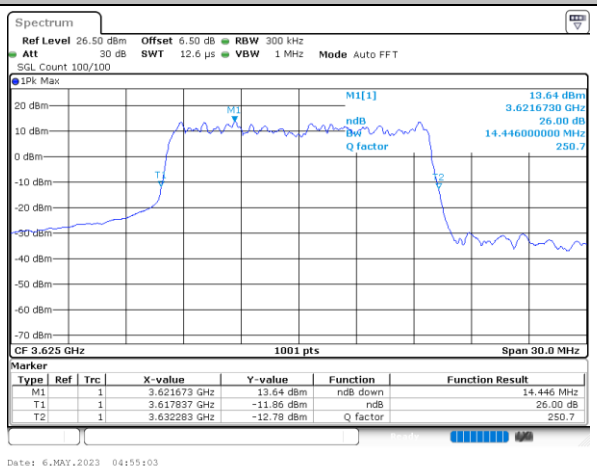


256QAM

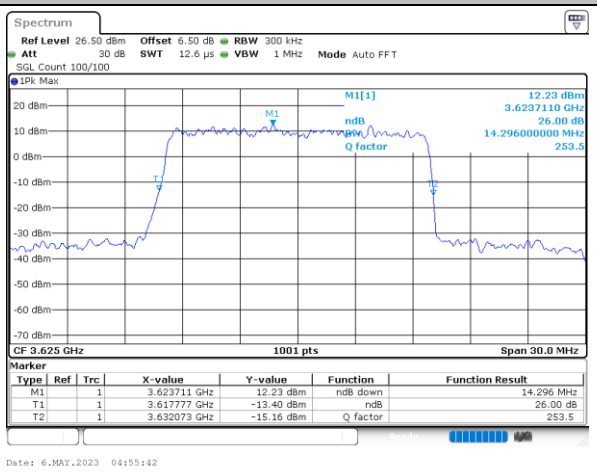


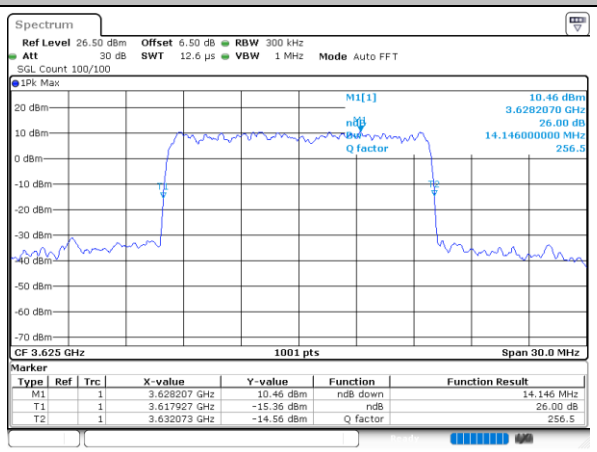
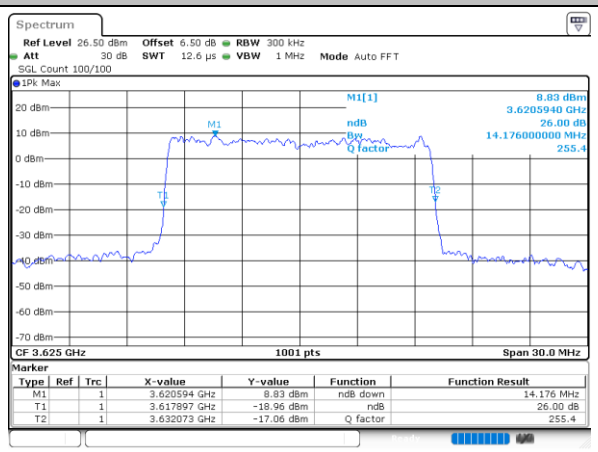
LTE Band 48 / Middle channel / Full RB/ 15M

QPSK

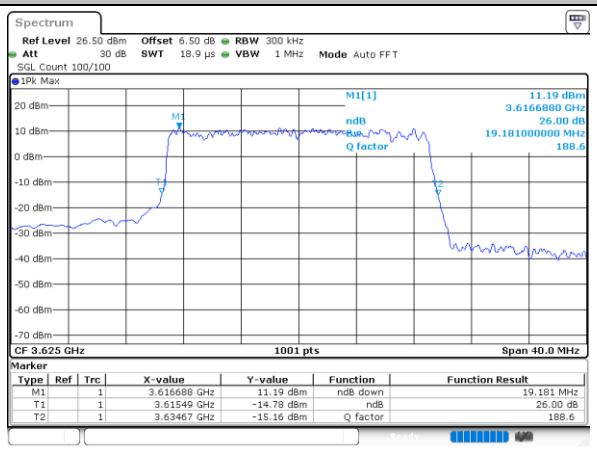
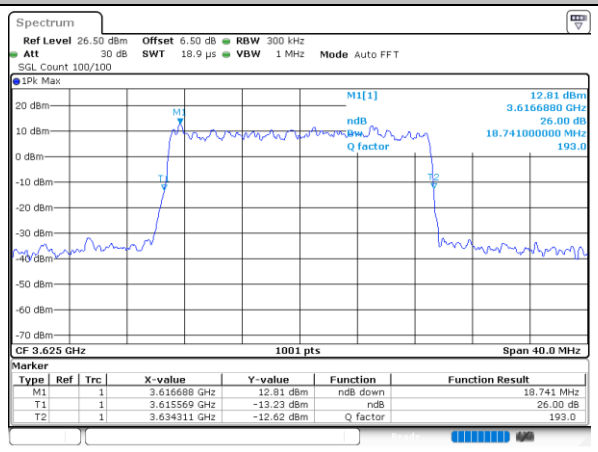
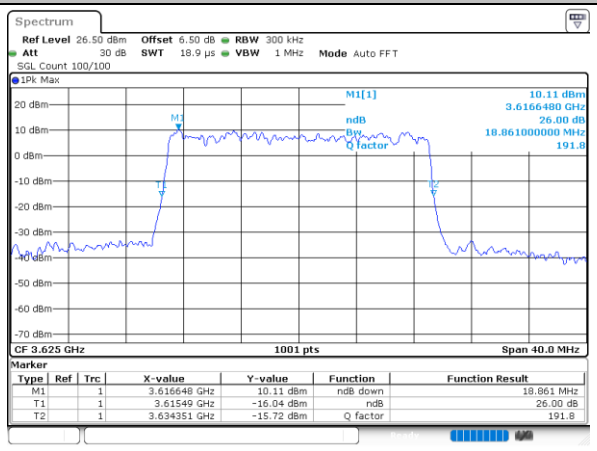
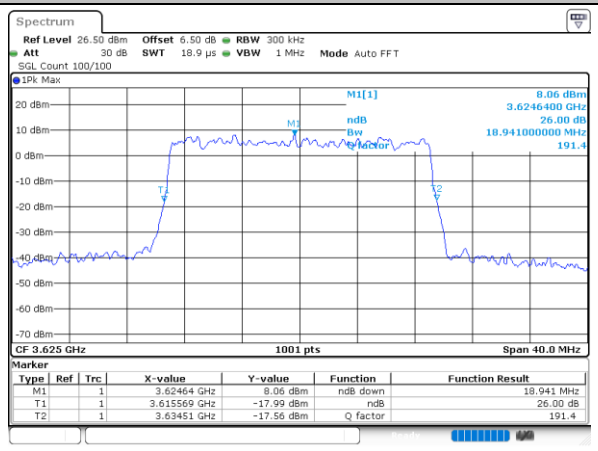


16QAM



64QAM	256QAM
	

LTE Band 48 / Middle channel / Full RB/ 20M

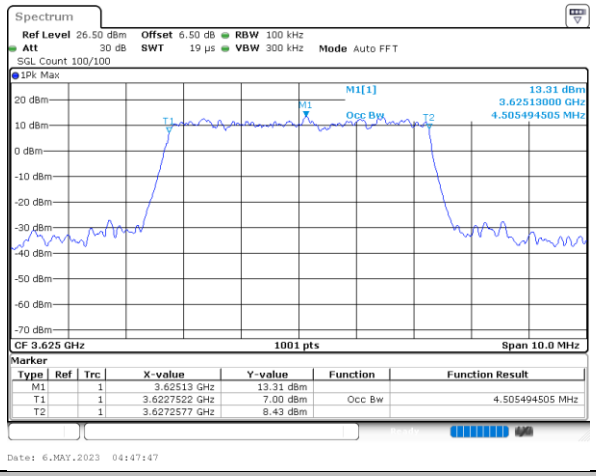
QPSK	16QAM
	
64QAM	**256QAM**
	

A2.4 Occupied Bandwidth

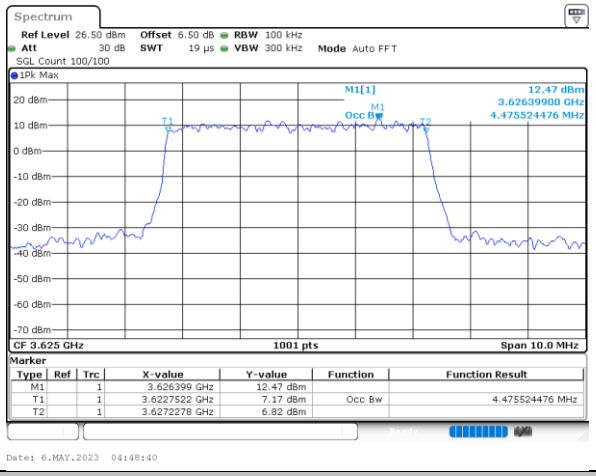
Mode	LTE Band 48 : 99%OBW(MHz)							
BW	5MHz				10MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	4.51	4.48	4.52	4.48	9.07	9.01	8.99	9.03
BW	15MHz				20MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	13.46	13.52	13.37	13.40	17.86	17.90	17.86	17.86

LTE Band 48 / Middle channel / Full RB/ 5M

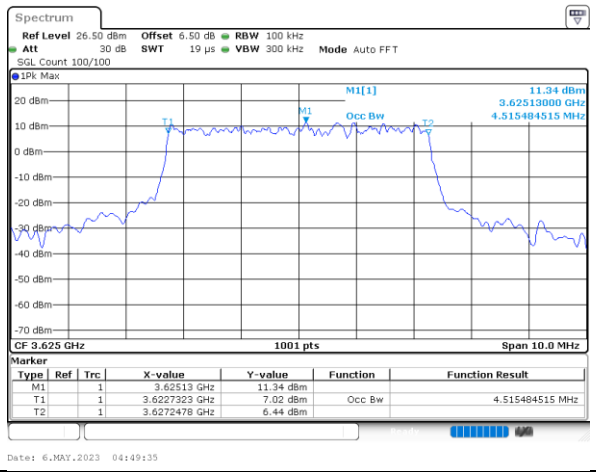
QPSK



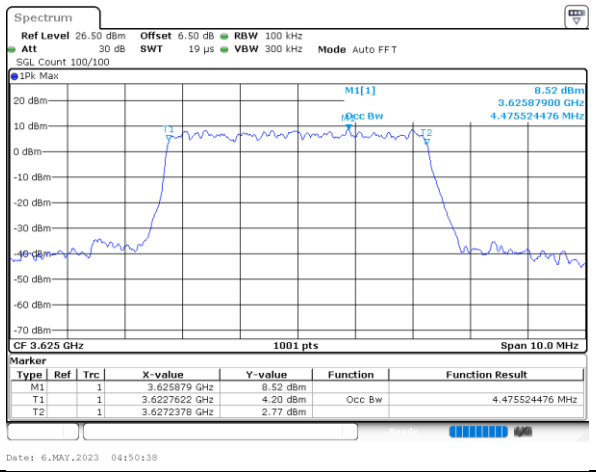
16QAM



64QAM

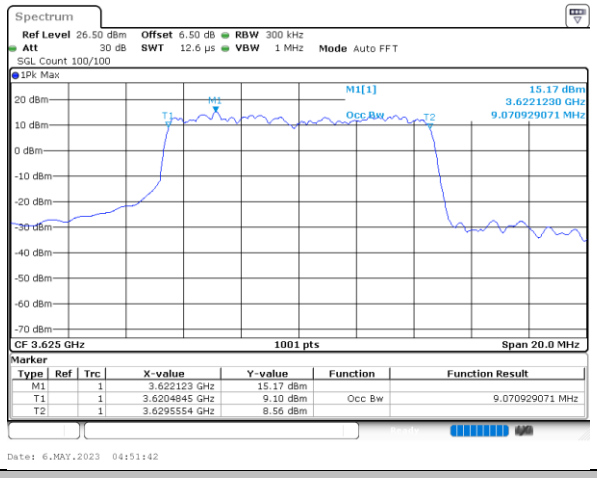


256QAM

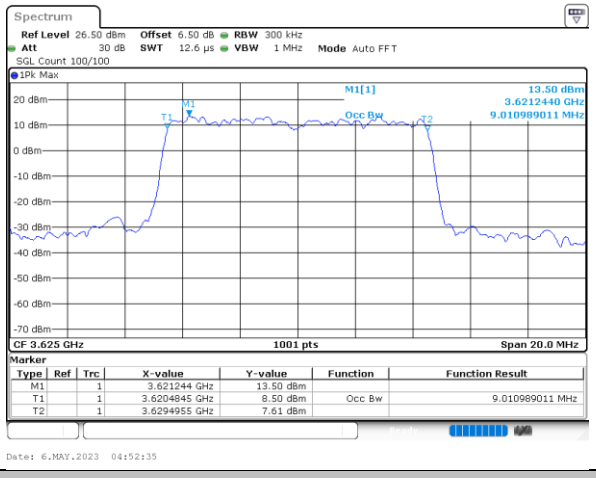


LTE Band 48 / Middle channel / Full RB/ 10M

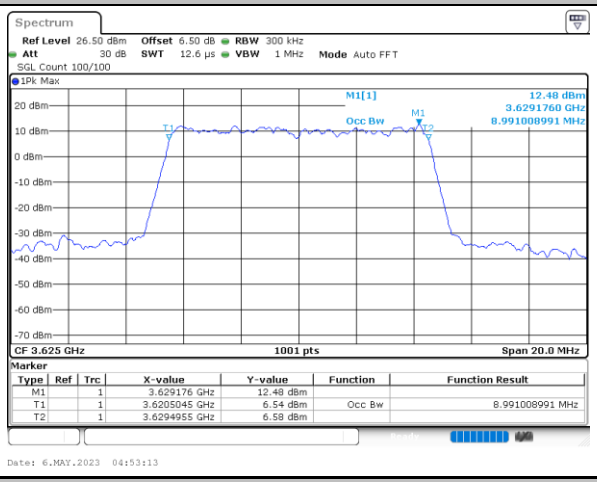
QPSK



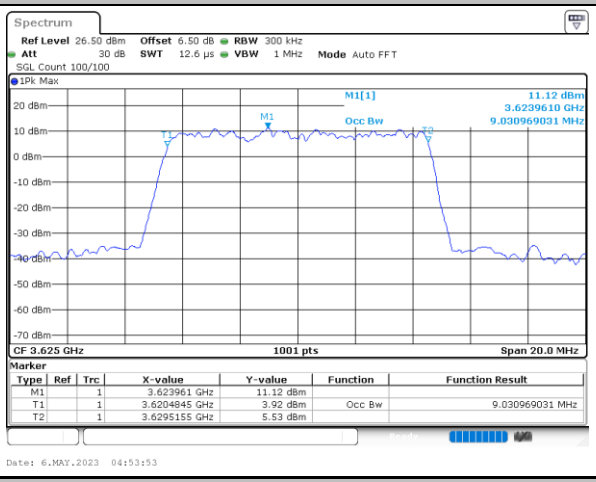
16QAM



64QAM

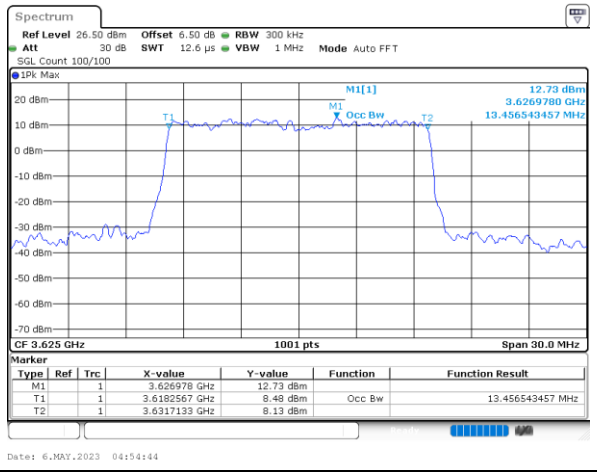


256QAM

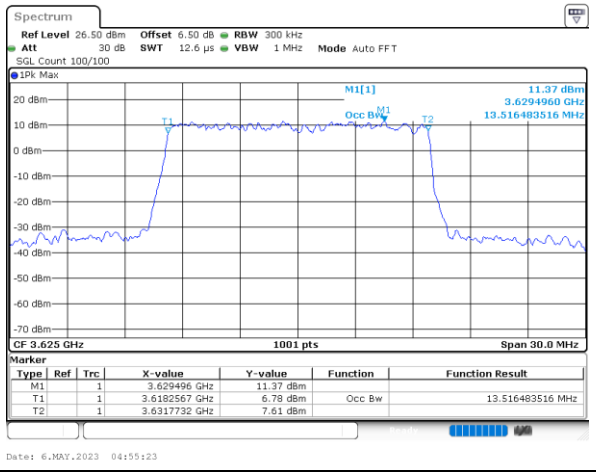


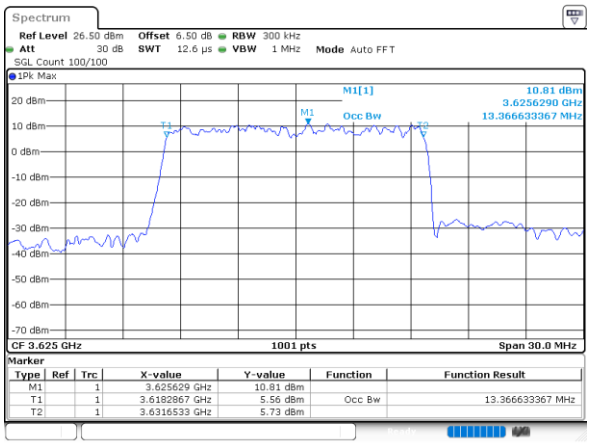
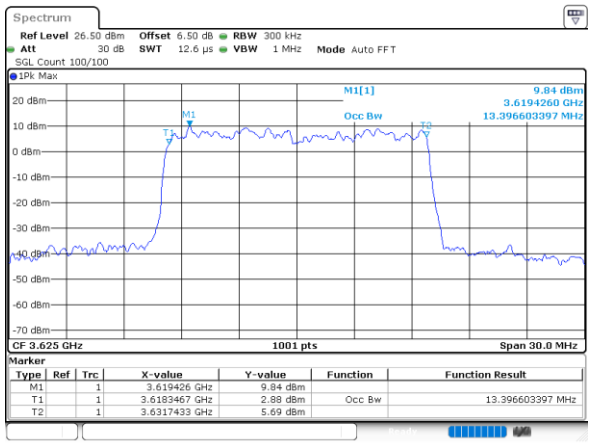
LTE Band 48 / Middle channel / Full RB/ 15M

QPSK

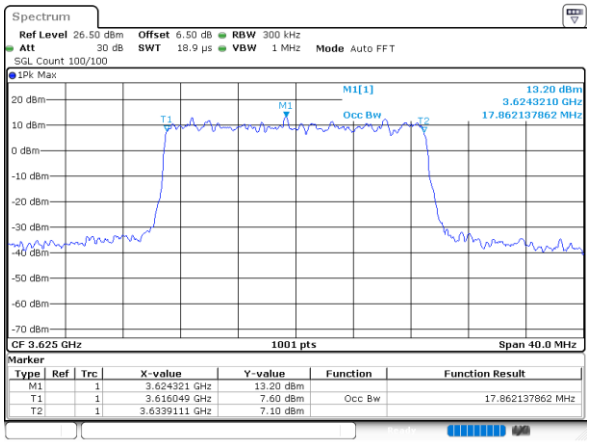
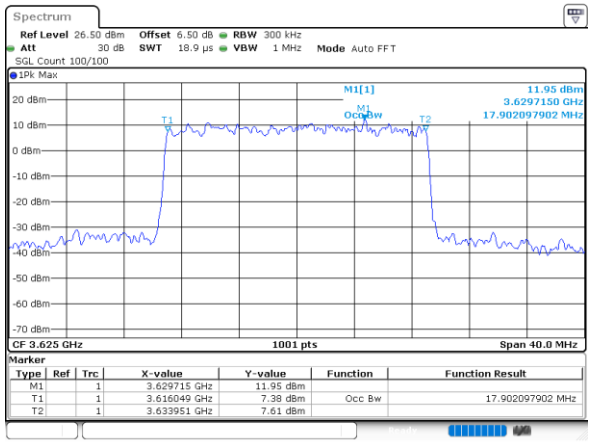
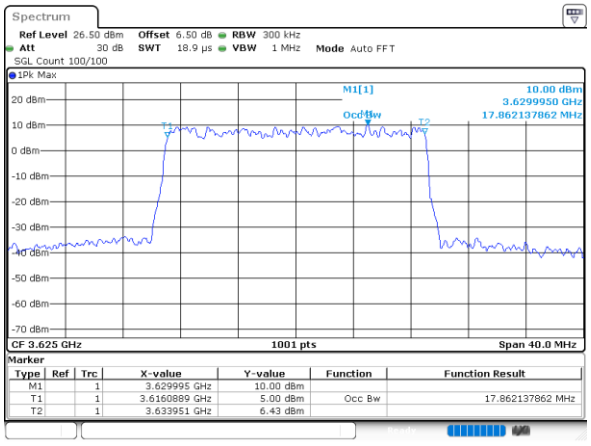
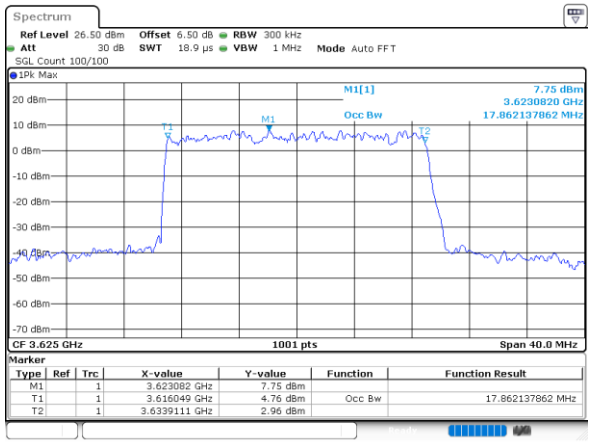


16QAM



64QAM	256QAM
	

LTE Band 48 / Middle channel / Full RB/ 20M

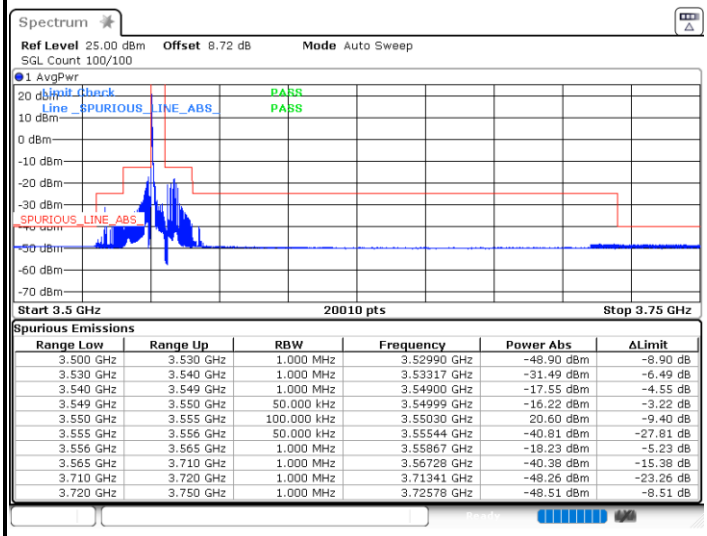
QPSK	16QAM
	
64QAM	**256QAM**
	

A2.5 Conducted Band Edge

LTE Band 48 / 5MHz

QPSK

Lowest Channel / 1RB0

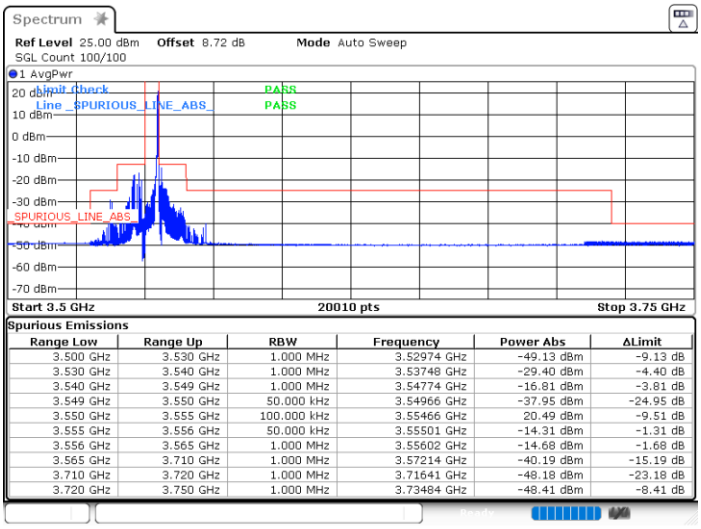


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52990 GHz	-48.90 dBm	-8.90 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53317 GHz	-31.49 dBm	-6.49 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54900 GHz	-17.55 dBm	-4.55 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-16.22 dBm	-3.22 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55030 GHz	20.60 dBm	-9.40 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55544 GHz	-40.81 dBm	-27.81 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55867 GHz	-18.23 dBm	-5.23 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.56728 GHz	-40.38 dBm	-15.38 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71341 GHz	-48.26 dBm	-23.26 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72578 GHz	-48.51 dBm	-8.51 dB

Date: 23.APR.2023 22:49:12

Lowest Channel / 1RBmax

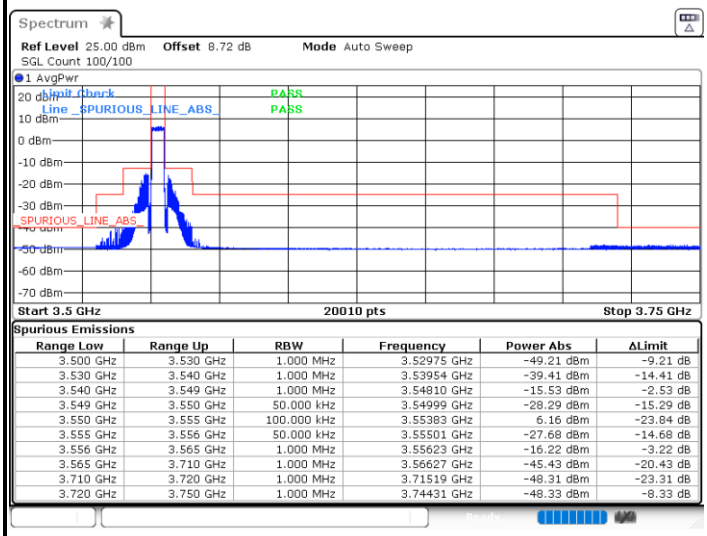


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52974 GHz	-49.13 dBm	-9.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53748 GHz	-29.40 dBm	-4.40 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54774 GHz	-16.81 dBm	-3.81 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54966 GHz	-37.95 dBm	-24.95 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55466 GHz	20.49 dBm	-9.51 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-14.31 dBm	-1.31 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55602 GHz	-14.68 dBm	-1.68 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.57214 GHz	-40.19 dBm	-15.19 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71641 GHz	-48.18 dBm	-23.18 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73484 GHz	-48.41 dBm	-8.41 dB

Date: 23.APR.2023 23:01:21

Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52975 GHz	-49.21 dBm	-9.21 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53954 GHz	-39.41 dBm	-14.41 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54810 GHz	-15.53 dBm	-2.53 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54999 GHz	-28.29 dBm	-15.29 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55383 GHz	6.16 dBm	-23.84 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-27.68 dBm	-14.68 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55623 GHz	-16.22 dBm	-3.22 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.56627 GHz	-45.43 dBm	-20.43 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71519 GHz	-48.31 dBm	-23.31 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74431 GHz	-48.33 dBm	-8.33 dB

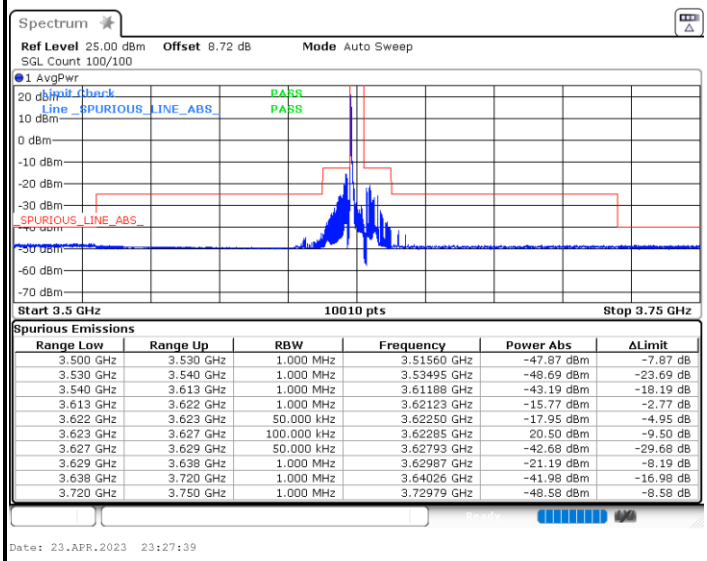
Date: 23.APR.2023 23:18:21

N/A

LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

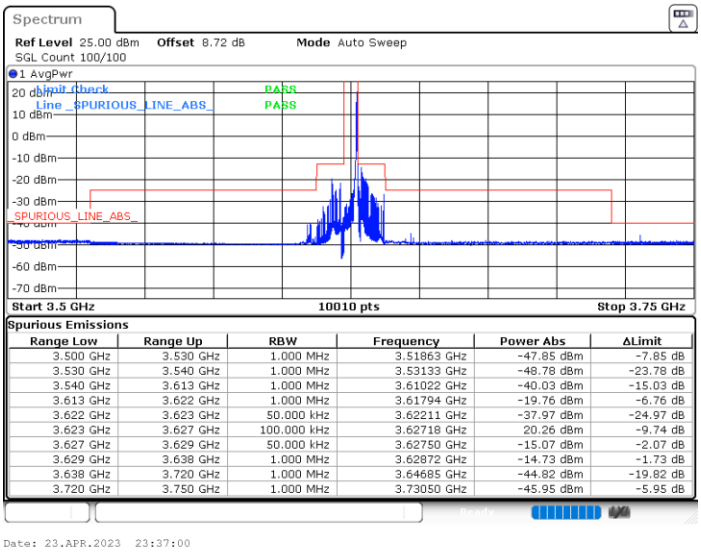


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51560 GHz	-47.87 dBm	-7.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53495 GHz	-48.69 dBm	-23.69 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61188 GHz	-43.19 dBm	-18.19 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62123 GHz	-15.77 dBm	-2.77 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-17.95 dBm	-4.95 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62285 GHz	20.50 dBm	-9.50 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62793 GHz	-42.68 dBm	-29.68 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62987 GHz	-21.19 dBm	-8.19 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.64026 GHz	-41.98 dBm	-16.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72979 GHz	-48.58 dBm	-8.58 dB

Date: 23.APR.2023 23:27:39

Middle Channel / 1RBmax

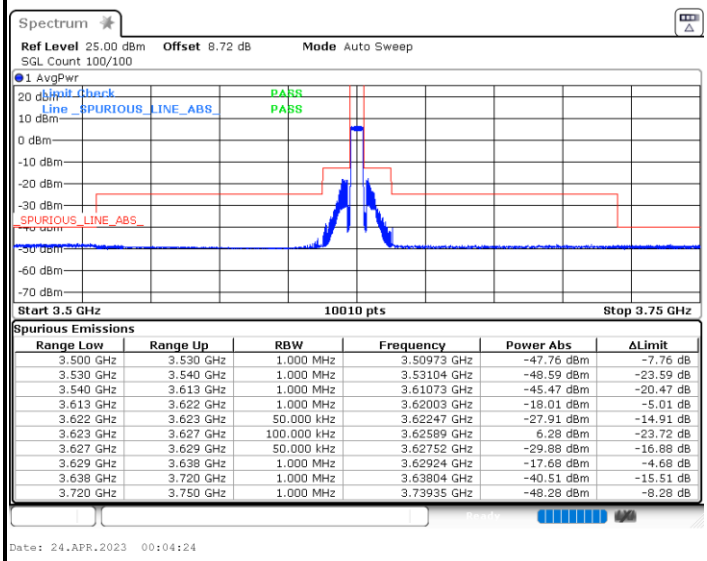


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51863 GHz	-47.85 dBm	-7.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53133 GHz	-48.78 dBm	-23.78 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61022 GHz	-40.03 dBm	-15.03 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.61794 GHz	-19.76 dBm	-6.76 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62211 GHz	-37.97 dBm	-24.97 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62718 GHz	20.26 dBm	-9.74 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-15.07 dBm	-2.07 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62872 GHz	-14.73 dBm	-1.73 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.64685 GHz	-44.82 dBm	-19.82 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73050 GHz	-45.95 dBm	-5.95 dB

Date: 23.APR.2023 23:37:00

Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50973 GHz	-47.76 dBm	-7.76 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53104 GHz	-48.59 dBm	-23.59 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61073 GHz	-45.47 dBm	-20.47 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62003 GHz	-18.01 dBm	-5.01 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62247 GHz	-27.91 dBm	-14.91 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62589 GHz	6.28 dBm	-23.72 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62752 GHz	-29.88 dBm	-16.88 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62924 GHz	-17.68 dBm	-4.68 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.63804 GHz	-40.51 dBm	-15.51 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73935 GHz	-48.28 dBm	-8.28 dB

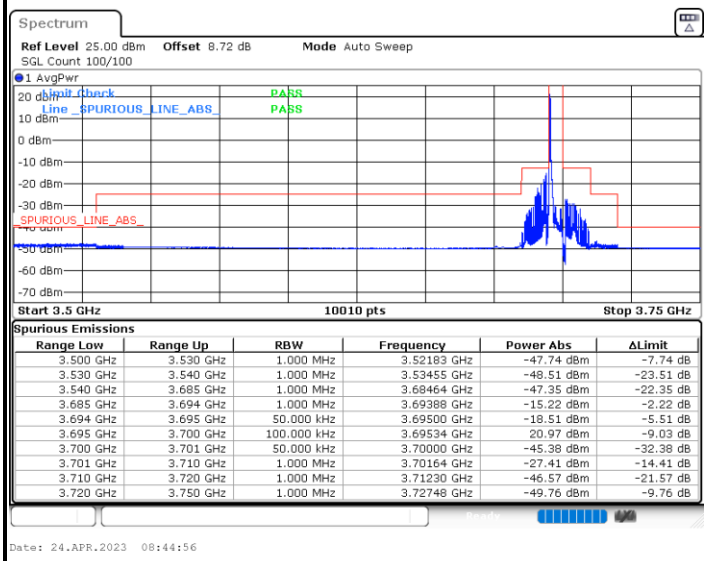
Date: 24.APR.2023 00:04:24

N/A

LTE Band 48 / 5MHz

QPSK

Highest Channel / 1RB0

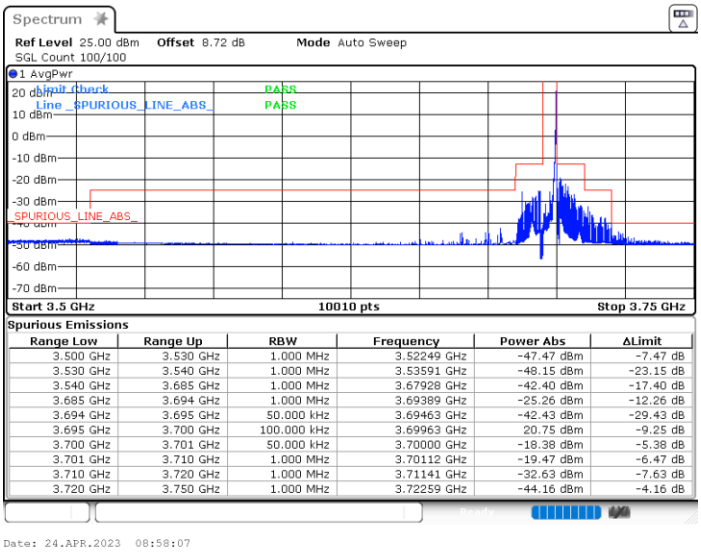


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52183 GHz	-47.74 dBm	-7.74 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53455 GHz	-48.51 dBm	-23.51 dB
3.540 GHz	3.685 GHz	1.000 MHz	3.68464 GHz	-47.35 dBm	-22.35 dB
3.685 GHz	3.694 GHz	1.000 MHz	3.69388 GHz	-15.22 dBm	-2.22 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-18.51 dBm	-5.51 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69534 GHz	20.97 dBm	-9.03 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-45.38 dBm	-32.38 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70164 GHz	-27.41 dBm	-14.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71230 GHz	-46.57 dBm	-21.57 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72748 GHz	-49.76 dBm	-9.76 dB

Date: 24.APR.2023 08:44:56

Highest Channel / 1RBmax

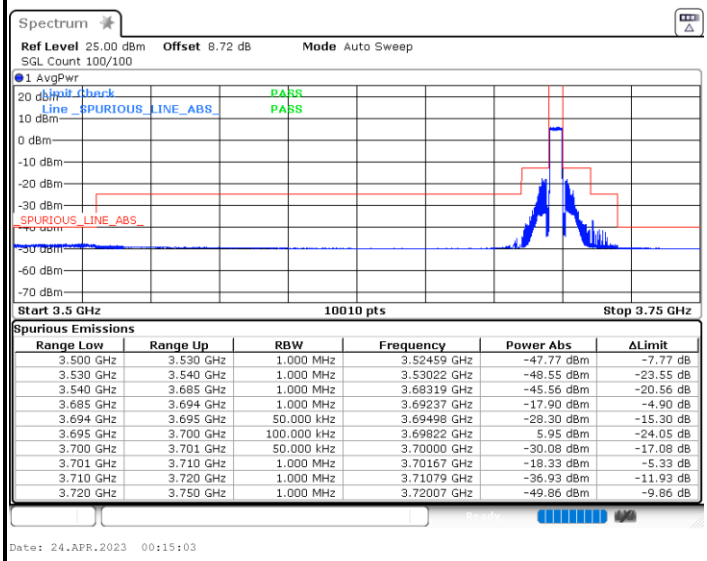


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52249 GHz	-47.47 dBm	-7.47 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53591 GHz	-48.15 dBm	-23.15 dB
3.540 GHz	3.685 GHz	1.000 MHz	3.67928 GHz	-42.40 dBm	-17.40 dB
3.685 GHz	3.694 GHz	1.000 MHz	3.69389 GHz	-25.26 dBm	-12.26 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69463 GHz	-42.43 dBm	-29.43 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69963 GHz	20.75 dBm	-9.25 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-18.38 dBm	-5.38 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70112 GHz	-19.47 dBm	-6.47 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71141 GHz	-32.63 dBm	-7.63 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72259 GHz	-44.16 dBm	-4.16 dB

Date: 24.APR.2023 08:58:07

Highest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52459 GHz	-47.77 dBm	-7.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53022 GHz	-48.55 dBm	-23.55 dB
3.540 GHz	3.685 GHz	1.000 MHz	3.68319 GHz	-45.56 dBm	-20.56 dB
3.685 GHz	3.694 GHz	1.000 MHz	3.69237 GHz	-17.90 dBm	-4.90 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69498 GHz	-28.30 dBm	-15.30 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69822 GHz	5.95 dBm	-24.05 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-30.08 dBm	-17.08 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70167 GHz	-18.33 dBm	-5.33 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71079 GHz	-36.93 dBm	-11.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72007 GHz	-49.86 dBm	-9.86 dB

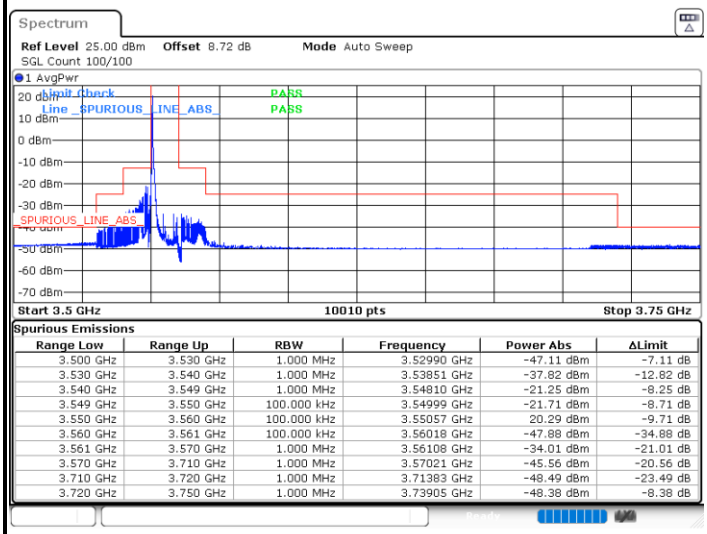
Date: 24.APR.2023 00:15:03

N/A

LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52990 GHz	-47.11 dBm	-7.11 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53851 GHz	-37.82 dBm	-12.82 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54810 GHz	-21.25 dBm	-8.25 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54999 GHz	-21.71 dBm	-8.71 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55057 GHz	20.29 dBm	-9.71 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56018 GHz	-47.88 dBm	-34.88 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56108 GHz	-34.01 dBm	-21.01 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57021 GHz	-45.56 dBm	-20.56 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71383 GHz	-48.49 dBm	-23.49 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73905 GHz	-48.38 dBm	-8.38 dB

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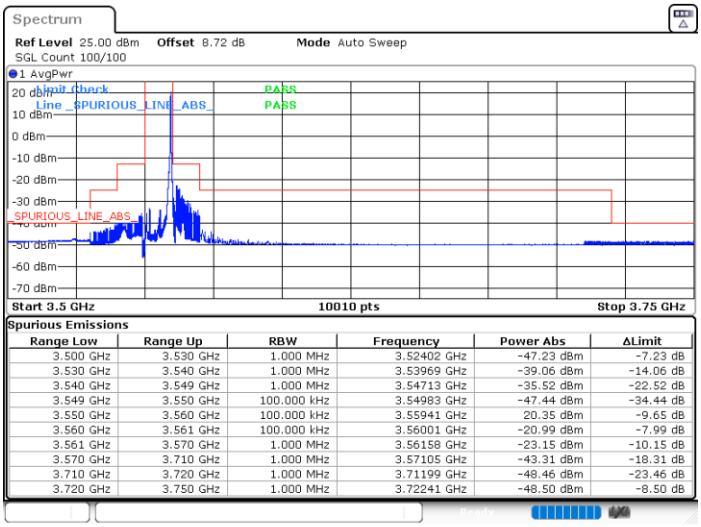
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52402 GHz	-47.23 dBm	-7.23 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53969 GHz	-39.06 dBm	-14.06 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54713 GHz	-35.52 dBm	-22.52 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54983 GHz	-47.44 dBm	-34.44 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55941 GHz	20.35 dBm	-9.65 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56001 GHz	-20.99 dBm	-7.99 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56158 GHz	-23.15 dBm	-10.15 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57105 GHz	-43.31 dBm	-18.31 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71199 GHz	-48.46 dBm	-23.46 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72241 GHz	-48.50 dBm	-8.50 dB

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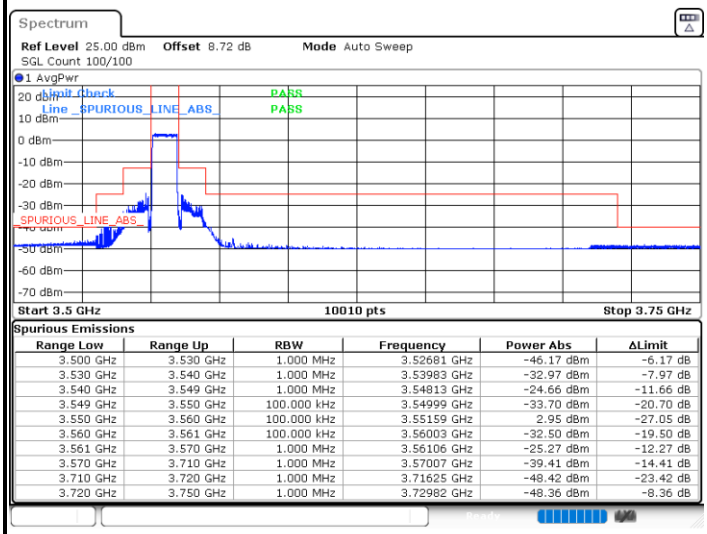
Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52681 GHz	-46.17 dBm	-6.17 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53983 GHz	-32.97 dBm	-7.97 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54813 GHz	-24.66 dBm	-11.66 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54999 GHz	-33.70 dBm	-20.70 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55159 GHz	2.95 dBm	-27.05 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56003 GHz	-32.50 dBm	-19.50 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56106 GHz	-25.27 dBm	-12.27 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57007 GHz	-39.41 dBm	-14.41 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71625 GHz	-48.42 dBm	-23.42 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72982 GHz	-48.36 dBm	-8.36 dB

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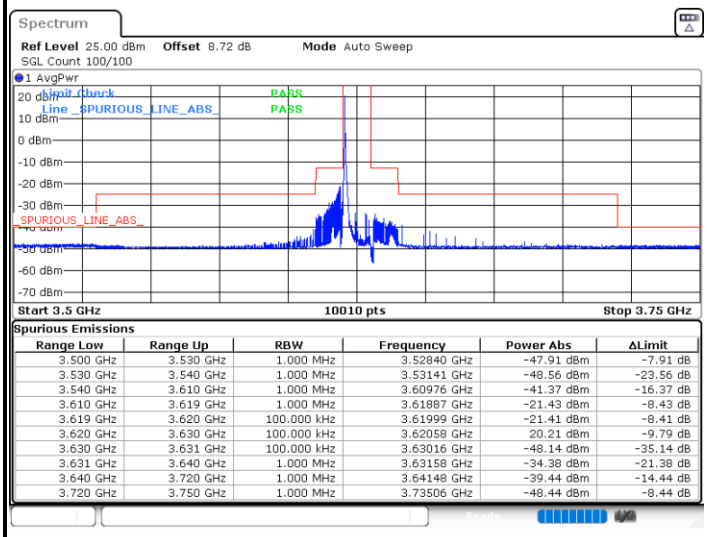
N/A

LTE Band 48 / 10MHz

QPSK

MiddleChannel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52840 GHz	-47.91 dBm	-7.91 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53141 GHz	-48.56 dBm	-23.56 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60976 GHz	-41.37 dBm	-16.37 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-21.43 dBm	-8.43 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61999 GHz	-21.41 dBm	-8.41 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62058 GHz	20.21 dBm	-9.79 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63016 GHz	-48.14 dBm	-35.14 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63158 GHz	-34.38 dBm	-21.38 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64148 GHz	-39.44 dBm	-14.44 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73506 GHz	-48.44 dBm	-8.44 dB

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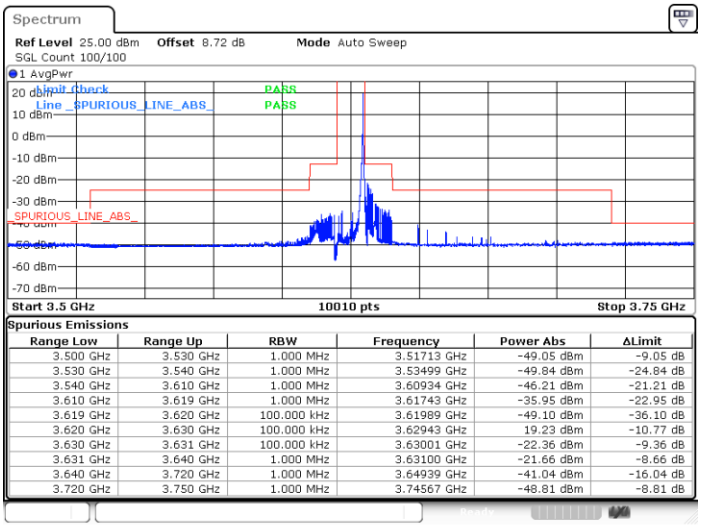
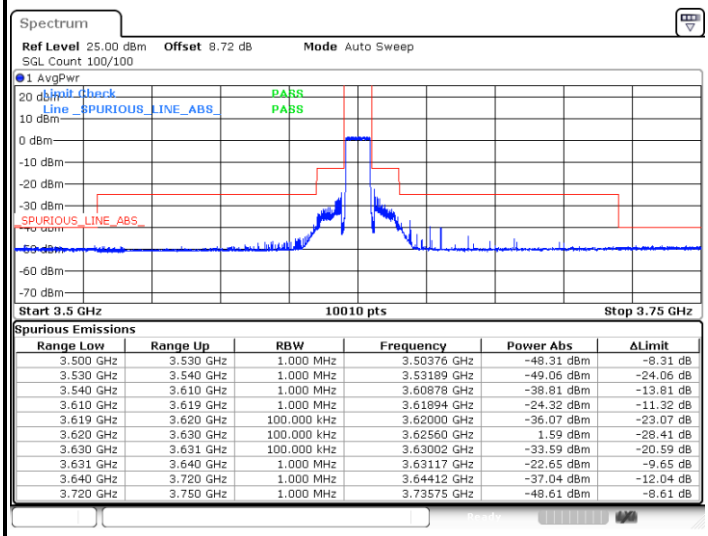
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51713 GHz	-49.05 dBm	-9.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53499 GHz	-49.84 dBm	-24.84 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60934 GHz	-46.21 dBm	-21.21 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61743 GHz	-35.95 dBm	-22.95 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.61989 GHz	-49.10 dBm	-36.10 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62943 GHz	19.23 dBm	-10.77 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63001 GHz	-22.36 dBm	-9.36 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63100 GHz	-21.66 dBm	-8.66 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64939 GHz	-41.04 dBm	-16.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74567 GHz	-48.81 dBm	-8.81 dB

Middle Channel / FullRB



Spurious Emissions

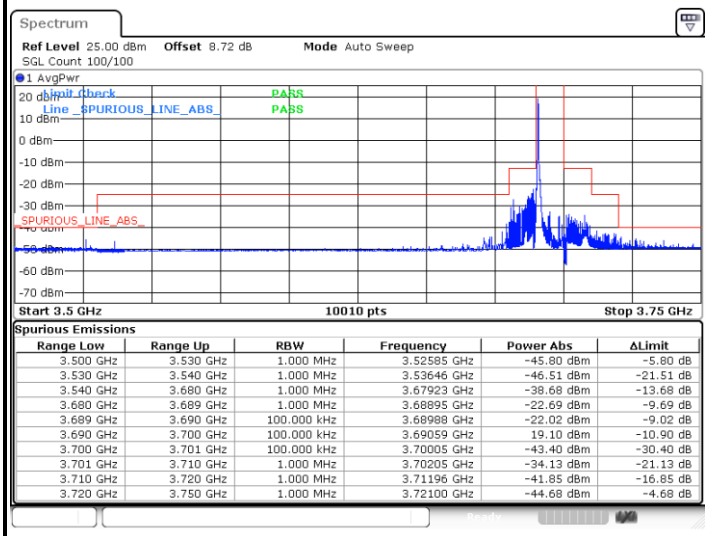
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50376 GHz	-48.31 dBm	-8.31 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53189 GHz	-49.06 dBm	-24.06 dB
3.540 GHz	3.610 GHz	1.000 MHz	3.60878 GHz	-38.81 dBm	-13.81 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61894 GHz	-24.32 dBm	-11.32 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.62000 GHz	-36.07 dBm	-23.07 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62560 GHz	1.59 dBm	-28.41 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.63002 GHz	-33.59 dBm	-20.59 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63117 GHz	-22.65 dBm	-9.65 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64412 GHz	-37.04 dBm	-12.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73575 GHz	-48.61 dBm	-8.61 dB

N/A

LTE Band 48 / 10MHz

QPSK

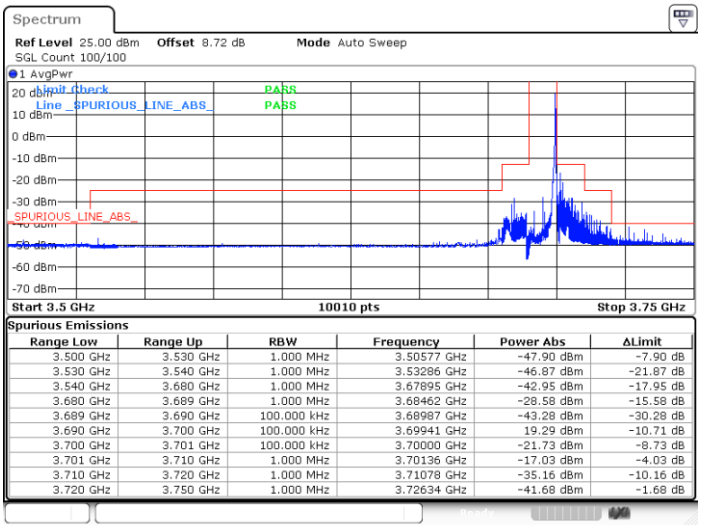
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52585 GHz	-45.80 dBm	-5.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53646 GHz	-46.51 dBm	-21.51 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67923 GHz	-38.68 dBm	-13.68 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68895 GHz	-22.69 dBm	-9.69 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68988 GHz	-22.02 dBm	-9.02 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69059 GHz	19.10 dBm	-10.90 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70005 GHz	-43.40 dBm	-30.40 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70205 GHz	-34.13 dBm	-21.13 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71196 GHz	-41.85 dBm	-16.85 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72100 GHz	-44.68 dBm	-4.68 dB

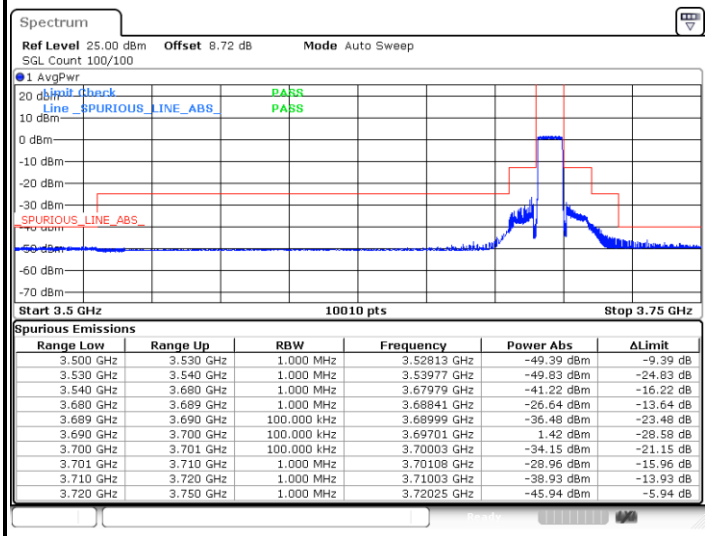
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50577 GHz	-47.90 dBm	-7.90 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53286 GHz	-46.87 dBm	-21.87 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67895 GHz	-42.95 dBm	-17.95 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68462 GHz	-28.58 dBm	-15.58 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68987 GHz	-43.28 dBm	-30.28 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69941 GHz	19.29 dBm	-10.71 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70000 GHz	-21.73 dBm	-8.73 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70136 GHz	-17.03 dBm	-4.03 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71078 GHz	-35.16 dBm	-10.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72634 GHz	-41.68 dBm	-1.68 dB

Highest Channel / FullRB



Spurious Emissions

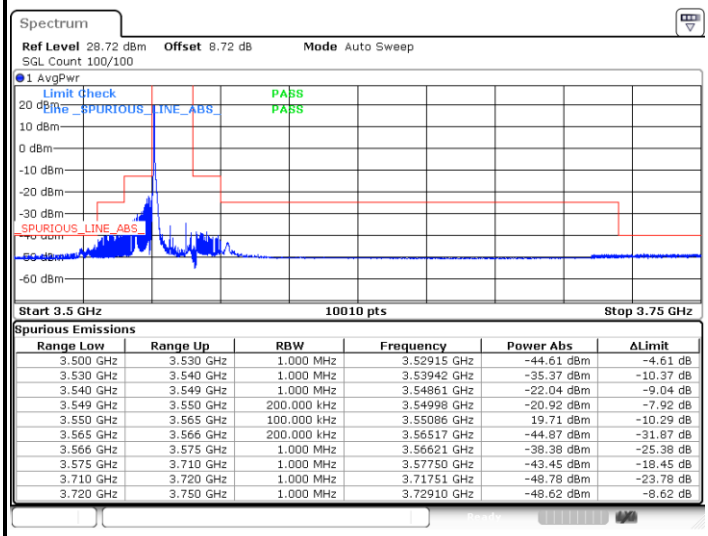
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52813 GHz	-49.39 dBm	-9.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53977 GHz	-49.83 dBm	-24.83 dB
3.540 GHz	3.680 GHz	1.000 MHz	3.67979 GHz	-41.22 dBm	-16.22 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.68841 GHz	-26.64 dBm	-13.64 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.68999 GHz	-36.48 dBm	-23.48 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.69701 GHz	1.42 dBm	-28.58 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.70003 GHz	-34.15 dBm	-21.15 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70108 GHz	-28.96 dBm	-15.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71003 GHz	-38.93 dBm	-13.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72025 GHz	-45.94 dBm	-5.94 dB

N/A

LTE Band 48 / 15MHz

QPSK

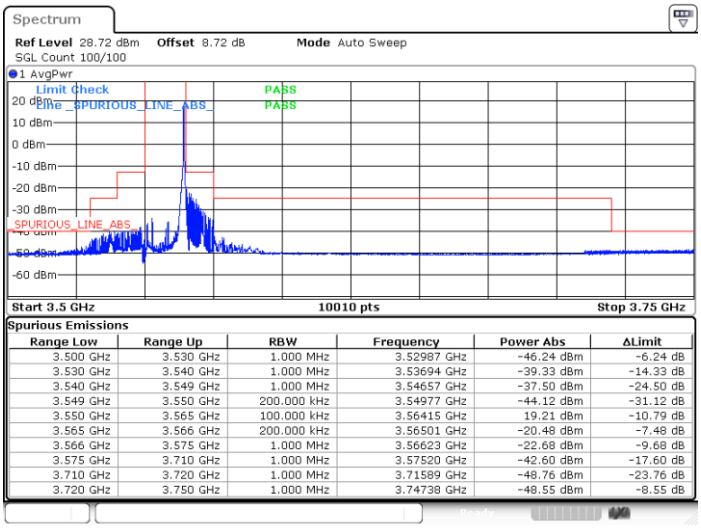
Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52915 GHz	-44.61 dBm	-4.61 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53942 GHz	-35.37 dBm	-10.37 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54861 GHz	-22.04 dBm	-9.04 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-20.92 dBm	-7.92 dB
3.550 GHz	3.565 GHz	100.000 kHz	3.55086 GHz	19.71 dBm	-10.29 dB
3.565 GHz	3.566 GHz	200.000 kHz	3.56517 GHz	-44.87 dBm	-31.87 dB
3.566 GHz	3.575 GHz	1.000 MHz	3.56621 GHz	-38.38 dBm	-25.38 dB
3.575 GHz	3.710 GHz	1.000 MHz	3.57750 GHz	-43.45 dBm	-18.45 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71751 GHz	-48.78 dBm	-23.78 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72910 GHz	-48.62 dBm	-8.62 dB

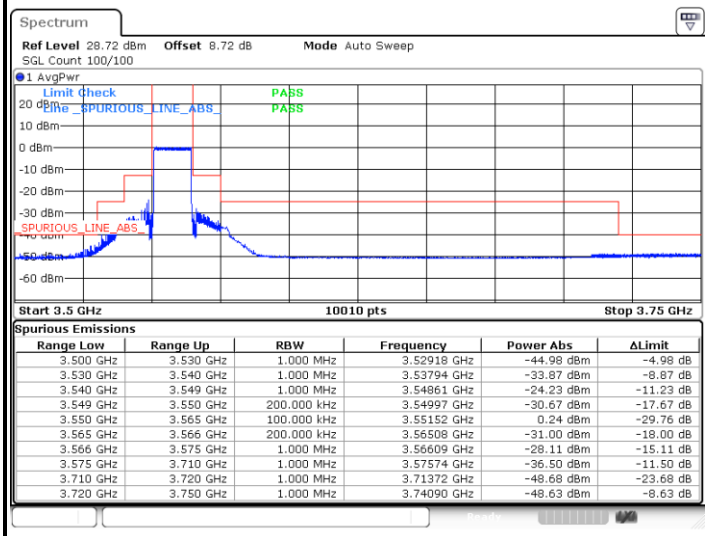
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52987 GHz	-46.24 dBm	-6.24 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53694 GHz	-39.33 dBm	-14.33 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54657 GHz	-37.50 dBm	-24.50 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54977 GHz	-44.12 dBm	-31.12 dB
3.550 GHz	3.565 GHz	100.000 kHz	3.56415 GHz	19.21 dBm	-10.79 dB
3.565 GHz	3.566 GHz	200.000 kHz	3.56501 GHz	-20.48 dBm	-7.48 dB
3.566 GHz	3.575 GHz	1.000 MHz	3.56623 GHz	-22.68 dBm	-9.68 dB
3.575 GHz	3.710 GHz	1.000 MHz	3.57520 GHz	-42.60 dBm	-17.60 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71589 GHz	-48.76 dBm	-23.76 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74738 GHz	-48.55 dBm	-8.55 dB

Lowest Channel / FullRB



Spurious Emissions

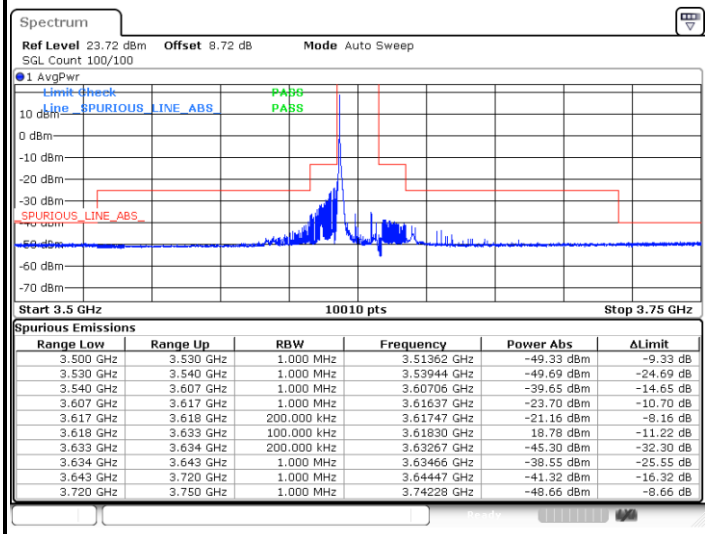
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52918 GHz	-44.98 dBm	-4.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53794 GHz	-33.87 dBm	-8.87 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54861 GHz	-24.23 dBm	-11.23 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54997 GHz	-30.67 dBm	-17.67 dB
3.550 GHz	3.565 GHz	100.000 kHz	3.55152 GHz	0.24 dBm	-29.76 dB
3.565 GHz	3.566 GHz	200.000 kHz	3.56508 GHz	-31.00 dBm	-18.00 dB
3.566 GHz	3.575 GHz	1.000 MHz	3.56609 GHz	-28.11 dBm	-15.11 dB
3.575 GHz	3.710 GHz	1.000 MHz	3.57574 GHz	-36.50 dBm	-11.50 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71372 GHz	-48.68 dBm	-23.68 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74090 GHz	-48.63 dBm	-8.63 dB

N/A

LTE Band 48 / 15MHz

QPSK

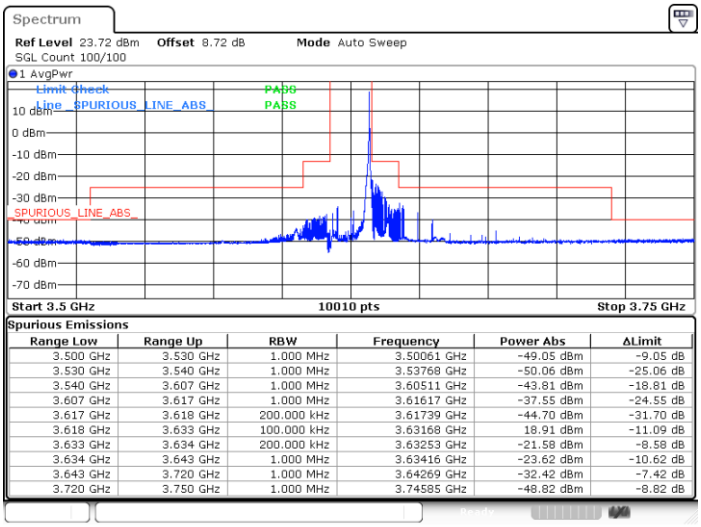
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51362 GHz	-49.33 dBm	-9.33 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53944 GHz	-49.69 dBm	-24.69 dB
3.540 GHz	3.607 GHz	1.000 MHz	3.60706 GHz	-39.65 dBm	-14.65 dB
3.607 GHz	3.617 GHz	1.000 MHz	3.61637 GHz	-23.70 dBm	-10.70 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61747 GHz	-21.16 dBm	-8.16 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.61830 GHz	18.78 dBm	-11.22 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63267 GHz	-45.30 dBm	-32.30 dB
3.634 GHz	3.643 GHz	1.000 MHz	3.63466 GHz	-38.55 dBm	-25.55 dB
3.643 GHz	3.720 GHz	1.000 MHz	3.64447 GHz	-41.32 dBm	-16.32 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74228 GHz	-48.66 dBm	-8.66 dB

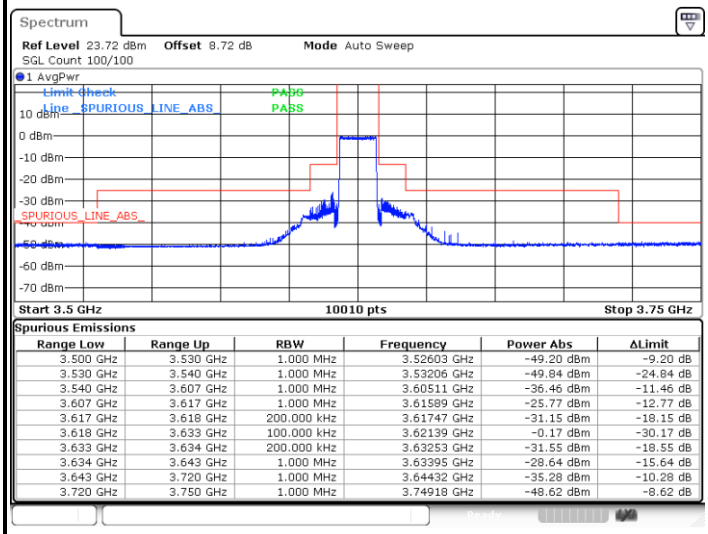
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50061 GHz	-49.05 dBm	-9.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53768 GHz	-50.06 dBm	-25.06 dB
3.540 GHz	3.607 GHz	1.000 MHz	3.60511 GHz	-43.81 dBm	-18.81 dB
3.607 GHz	3.617 GHz	1.000 MHz	3.61617 GHz	-37.55 dBm	-24.55 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61739 GHz	-44.70 dBm	-31.70 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.63168 GHz	18.91 dBm	-11.09 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63253 GHz	-21.58 dBm	-8.58 dB
3.634 GHz	3.643 GHz	1.000 MHz	3.63416 GHz	-23.62 dBm	-10.62 dB
3.643 GHz	3.720 GHz	1.000 MHz	3.64269 GHz	-32.42 dBm	-7.42 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74585 GHz	-48.82 dBm	-8.82 dB

Middle Channel / FullRB



Spurious Emissions

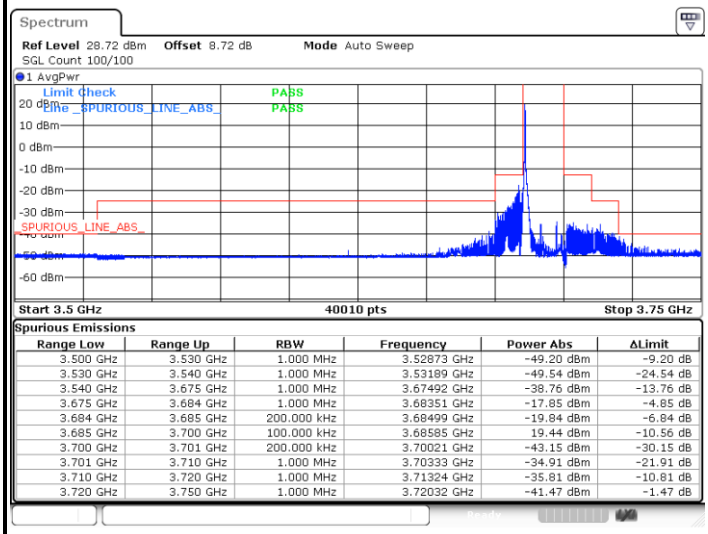
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52603 GHz	-49.20 dBm	-9.20 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53206 GHz	-49.84 dBm	-24.84 dB
3.540 GHz	3.607 GHz	1.000 MHz	3.60511 GHz	-36.46 dBm	-11.46 dB
3.607 GHz	3.617 GHz	1.000 MHz	3.61589 GHz	-25.77 dBm	-12.77 dB
3.617 GHz	3.618 GHz	200.000 kHz	3.61747 GHz	-31.15 dBm	-18.15 dB
3.618 GHz	3.633 GHz	100.000 kHz	3.62139 GHz	-0.17 dBm	-30.17 dB
3.633 GHz	3.634 GHz	200.000 kHz	3.63253 GHz	-31.55 dBm	-18.55 dB
3.634 GHz	3.643 GHz	1.000 MHz	3.63395 GHz	-28.64 dBm	-15.64 dB
3.643 GHz	3.720 GHz	1.000 MHz	3.64432 GHz	-35.28 dBm	-10.28 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74918 GHz	-48.62 dBm	-8.62 dB

N/A

LTE Band 48 / 15MHz

QPSK

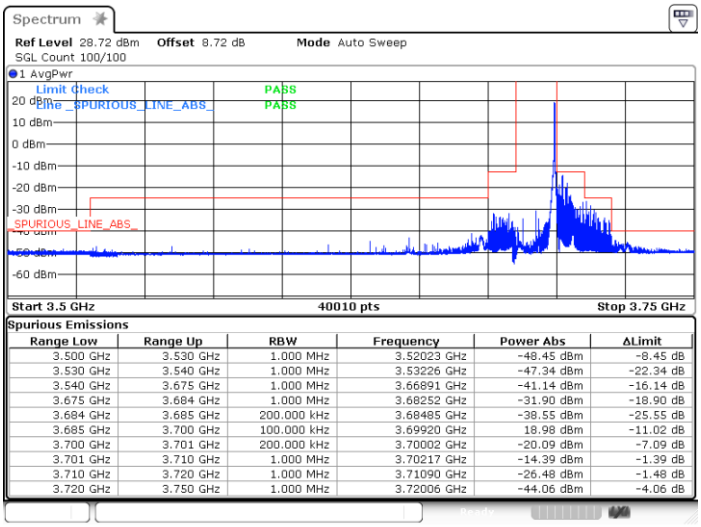
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52873 GHz	-49.20 dBm	-9.20 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53189 GHz	-49.54 dBm	-24.54 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67492 GHz	-38.76 dBm	-13.76 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68351 GHz	-17.85 dBm	-4.85 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68499 GHz	-19.84 dBm	-6.84 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.68585 GHz	19.44 dBm	-10.56 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70021 GHz	-43.15 dBm	-30.15 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70333 GHz	-34.91 dBm	-21.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71324 GHz	-35.81 dBm	-10.81 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72032 GHz	-41.47 dBm	-1.47 dB

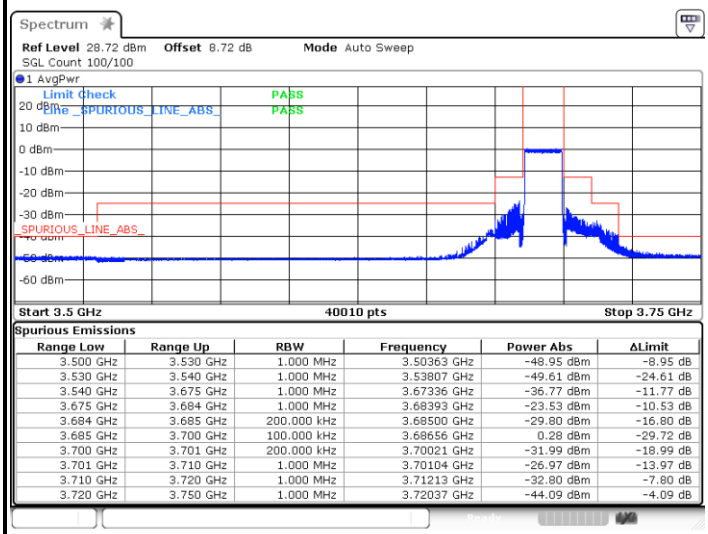
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52023 GHz	-48.45 dBm	-8.45 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53226 GHz	-47.34 dBm	-22.34 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.66891 GHz	-41.14 dBm	-16.14 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68252 GHz	-31.90 dBm	-18.90 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68485 GHz	-38.55 dBm	-25.55 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69920 GHz	18.98 dBm	-11.02 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-20.09 dBm	-7.09 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70217 GHz	-14.39 dBm	-1.39 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71090 GHz	-26.48 dBm	-1.48 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72006 GHz	-44.06 dBm	-4.06 dB

Highest Channel / FullRB



Spurious Emissions

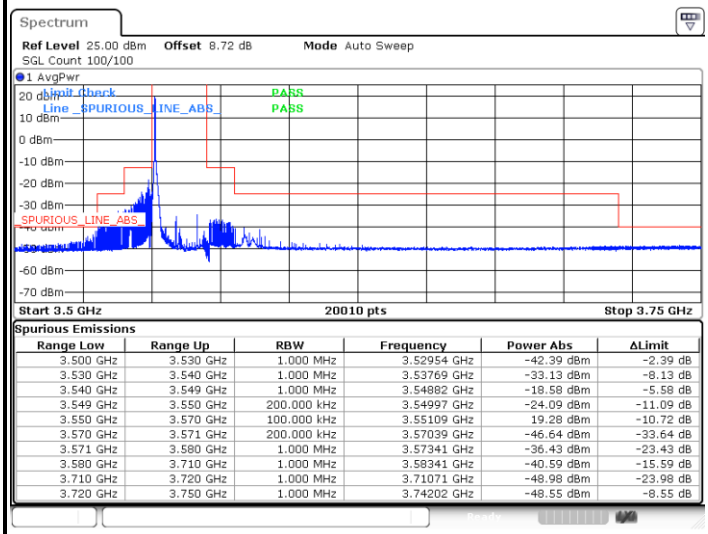
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50363 GHz	-48.95 dBm	-8.95 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53807 GHz	-49.61 dBm	-24.61 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67336 GHz	-36.77 dBm	-11.77 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68393 GHz	-23.53 dBm	-10.53 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68500 GHz	-29.80 dBm	-16.80 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.68656 GHz	0.28 dBm	-29.72 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70021 GHz	-31.99 dBm	-18.99 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-26.97 dBm	-13.97 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71213 GHz	-32.80 dBm	-7.80 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72037 GHz	-44.09 dBm	-4.09 dB

N/A

LTE Band 48 / 20MHz

QPSK

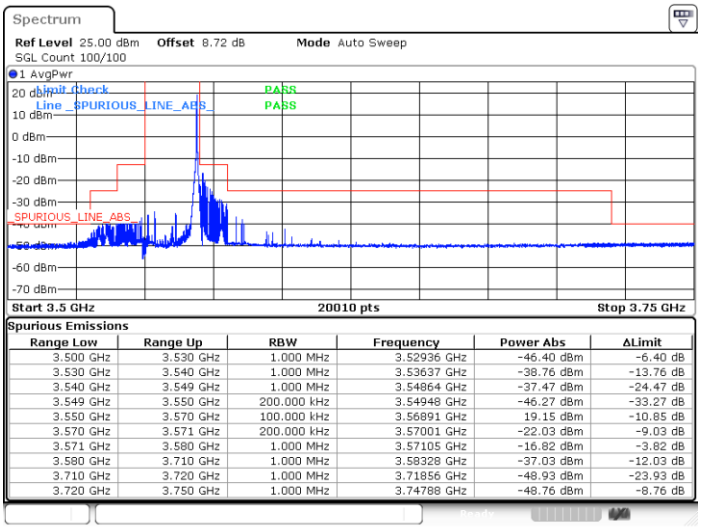
Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52954 GHz	-42.39 dBm	-2.39 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53769 GHz	-33.13 dBm	-8.13 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54882 GHz	-18.58 dBm	-5.58 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54997 GHz	-24.09 dBm	-11.09 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55109 GHz	19.28 dBm	-10.72 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57039 GHz	-46.64 dBm	-33.64 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.57341 GHz	-36.43 dBm	-23.43 dB
3.580 GHz	3.710 GHz	1.000 MHz	3.58341 GHz	-40.59 dBm	-15.59 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71071 GHz	-48.98 dBm	-23.98 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74202 GHz	-48.55 dBm	-8.55 dB

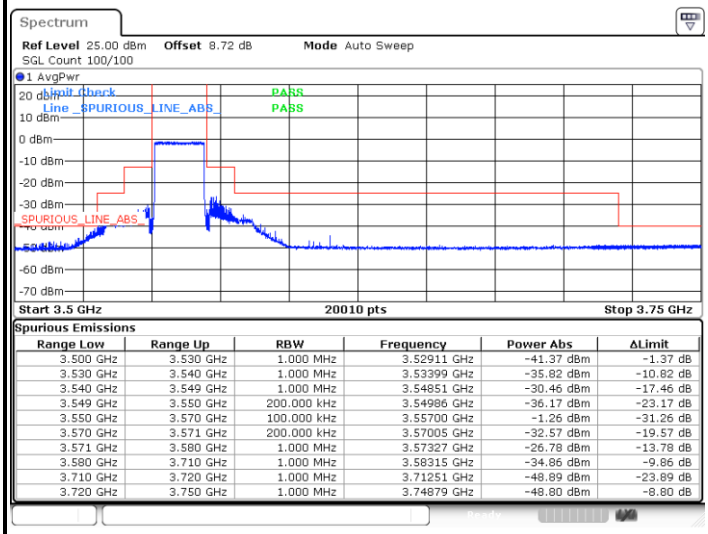
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52936 GHz	-46.40 dBm	-6.40 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53637 GHz	-38.76 dBm	-13.76 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54864 GHz	-37.47 dBm	-24.47 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54948 GHz	-46.27 dBm	-33.27 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56891 GHz	19.15 dBm	-10.85 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57001 GHz	-22.03 dBm	-9.03 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.57105 GHz	-16.82 dBm	-3.82 dB
3.580 GHz	3.710 GHz	1.000 MHz	3.58328 GHz	-37.03 dBm	-12.03 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71856 GHz	-48.93 dBm	-23.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74788 GHz	-48.76 dBm	-8.76 dB

Lowest Channel / FullRB



Spurious Emissions

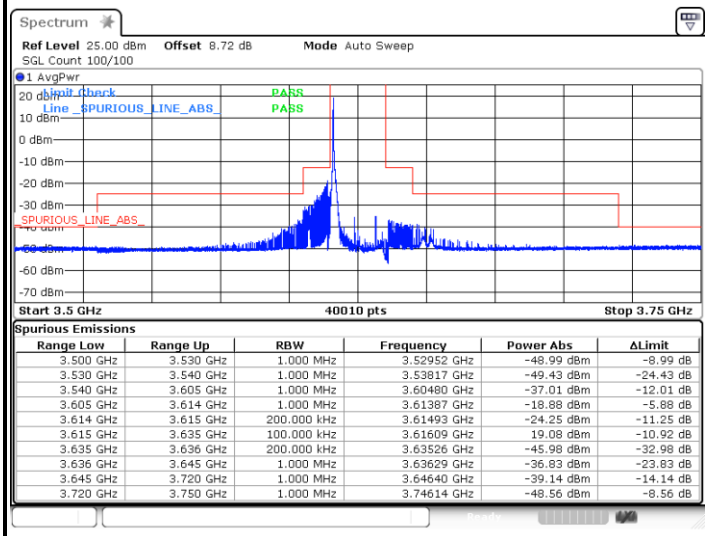
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52911 GHz	-41.37 dBm	-1.37 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53399 GHz	-35.82 dBm	-10.82 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54851 GHz	-30.46 dBm	-17.46 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54986 GHz	-36.17 dBm	-23.17 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55700 GHz	-1.26 dBm	-31.26 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57005 GHz	-32.57 dBm	-19.57 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.57327 GHz	-26.78 dBm	-13.78 dB
3.580 GHz	3.710 GHz	1.000 MHz	3.58315 GHz	-34.86 dBm	-9.86 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71251 GHz	-48.89 dBm	-23.89 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74879 GHz	-48.80 dBm	-8.80 dB

N/A

LTE Band 48 / 20MHz

QPSK

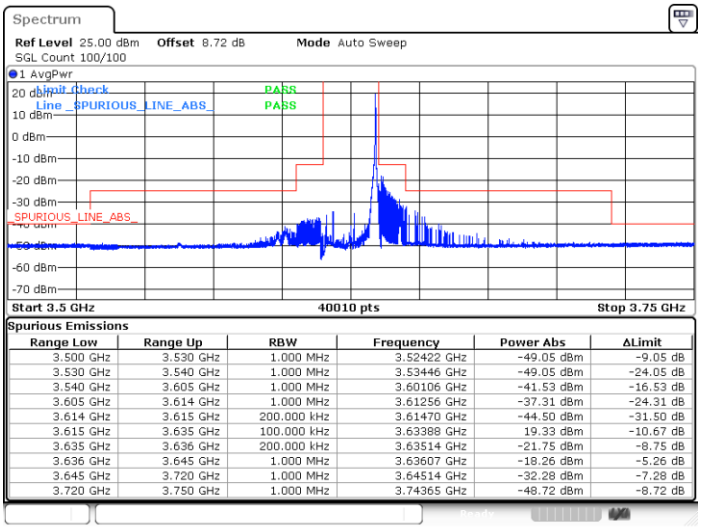
Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52952 GHz	-48.99 dBm	-8.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53817 GHz	-49.43 dBm	-24.43 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.60480 GHz	-37.01 dBm	-12.01 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61387 GHz	-18.88 dBm	-5.88 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61493 GHz	-24.25 dBm	-11.25 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	19.08 dBm	-10.92 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63526 GHz	-45.98 dBm	-32.98 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63629 GHz	-36.83 dBm	-23.83 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64640 GHz	-39.14 dBm	-14.14 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74614 GHz	-48.56 dBm	-8.56 dB

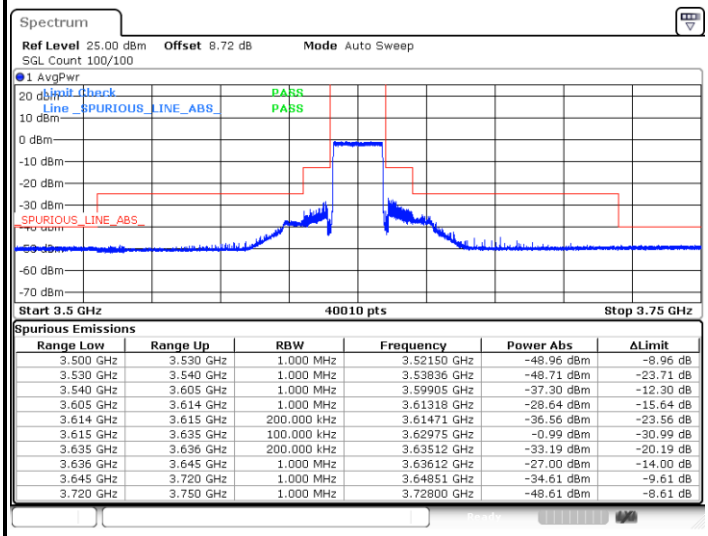
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52422 GHz	-49.05 dBm	-9.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53446 GHz	-49.05 dBm	-24.05 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.60106 GHz	-41.53 dBm	-16.53 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61256 GHz	-37.31 dBm	-24.31 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61470 GHz	-44.50 dBm	-31.50 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63388 GHz	19.33 dBm	-10.67 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63514 GHz	-21.75 dBm	-8.75 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63607 GHz	-18.26 dBm	-5.26 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64514 GHz	-32.28 dBm	-7.28 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74365 GHz	-48.72 dBm	-8.72 dB

Middle Channel / FullRB



Spurious Emissions

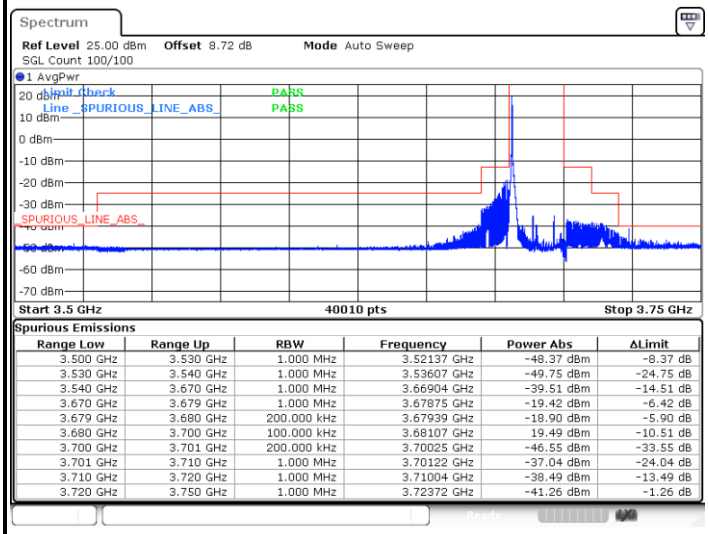
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52150 GHz	-48.96 dBm	-8.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53836 GHz	-48.71 dBm	-23.71 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.59905 GHz	-37.30 dBm	-12.30 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61318 GHz	-28.64 dBm	-15.64 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61471 GHz	-36.56 dBm	-23.56 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62975 GHz	-0.99 dBm	-30.99 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63512 GHz	-33.19 dBm	-20.19 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63612 GHz	-27.00 dBm	-14.00 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64851 GHz	-34.61 dBm	-9.61 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72800 GHz	-48.61 dBm	-8.61 dB

N/A

LTE Band 48 / 20MHz

QPSK

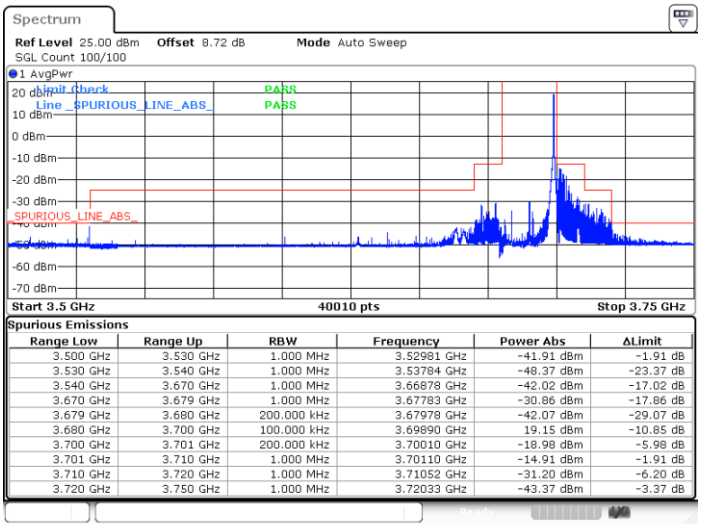
Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52137 GHz	-48.37 dBm	-8.37 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53607 GHz	-49.75 dBm	-24.75 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.66904 GHz	-39.51 dBm	-14.51 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.67875 GHz	-19.42 dBm	-6.42 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67939 GHz	-18.90 dBm	-5.90 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68107 GHz	19.49 dBm	-10.51 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70025 GHz	-46.55 dBm	-33.55 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70122 GHz	-37.04 dBm	-24.04 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71004 GHz	-38.49 dBm	-13.49 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72372 GHz	-41.26 dBm	-1.26 dB

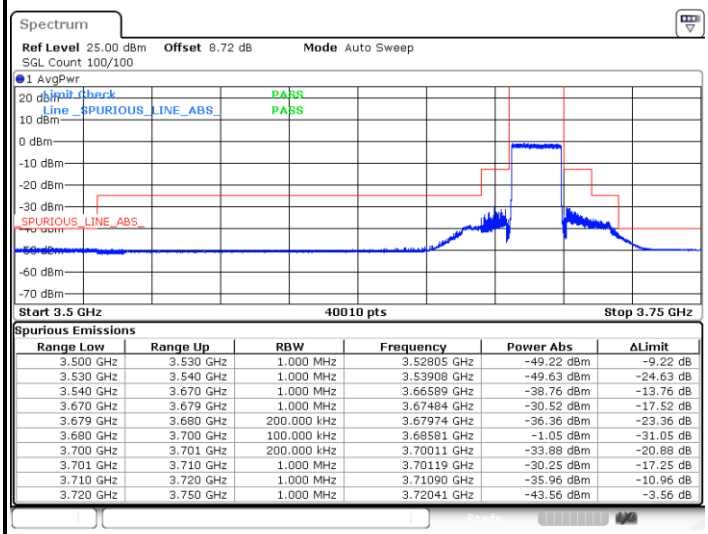
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52981 GHz	-41.91 dBm	-1.91 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53784 GHz	-48.37 dBm	-23.37 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.66878 GHz	-42.02 dBm	-17.02 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.67783 GHz	-30.86 dBm	-17.86 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67978 GHz	-42.07 dBm	-29.07 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69890 GHz	19.15 dBm	-10.85 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70010 GHz	-18.98 dBm	-5.98 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70110 GHz	-14.91 dBm	-1.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71052 GHz	-31.20 dBm	-6.20 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72033 GHz	-43.37 dBm	-3.37 dB

Highest Channel / FullRB



Spurious Emissions

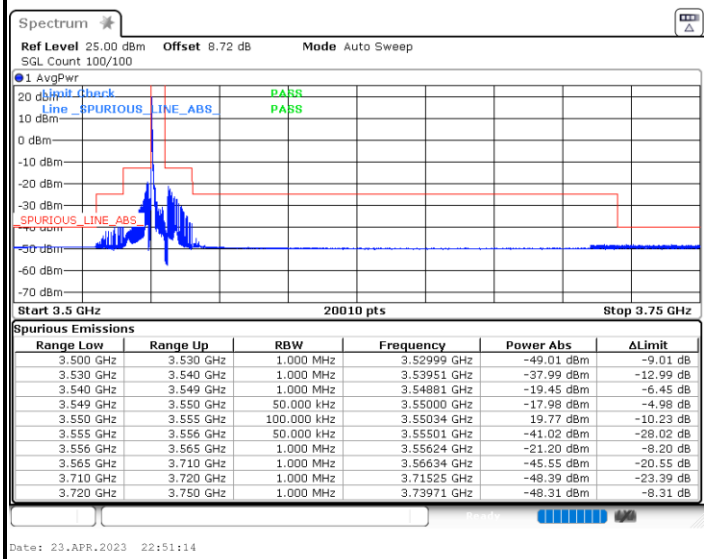
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52805 GHz	-49.22 dBm	-9.22 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53908 GHz	-49.63 dBm	-24.63 dB
3.540 GHz	3.670 GHz	1.000 MHz	3.66589 GHz	-38.76 dBm	-13.76 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.67484 GHz	-30.52 dBm	-17.52 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67974 GHz	-36.36 dBm	-23.36 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	-1.05 dBm	-31.05 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70011 GHz	-33.88 dBm	-20.88 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70119 GHz	-30.25 dBm	-17.25 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71090 GHz	-35.96 dBm	-10.96 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72041 GHz	-43.56 dBm	-3.56 dB

N/A

LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52999 GHz	-49.01 dBm	-9.01 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53951 GHz	-37.99 dBm	-12.99 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54881 GHz	-19.45 dBm	-6.45 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-17.98 dBm	-4.98 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55034 GHz	19.77 dBm	-10.23 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-41.02 dBm	-28.02 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55624 GHz	-21.20 dBm	-8.20 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.56634 GHz	-45.55 dBm	-20.55 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71525 GHz	-48.39 dBm	-23.39 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73971 GHz	-48.31 dBm	-8.31 dB

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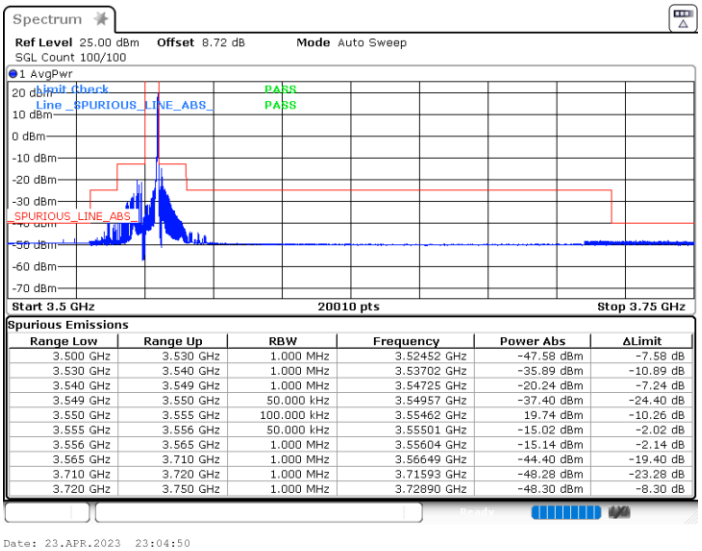
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52452 GHz	-47.58 dBm	-7.58 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53702 GHz	-35.89 dBm	-10.89 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54725 GHz	-20.24 dBm	-7.24 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54957 GHz	-37.40 dBm	-24.40 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55462 GHz	19.74 dBm	-10.26 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-15.02 dBm	-2.02 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55604 GHz	-15.14 dBm	-2.14 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.56649 GHz	-44.40 dBm	-19.40 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71593 GHz	-48.28 dBm	-23.28 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72890 GHz	-48.30 dBm	-8.30 dB

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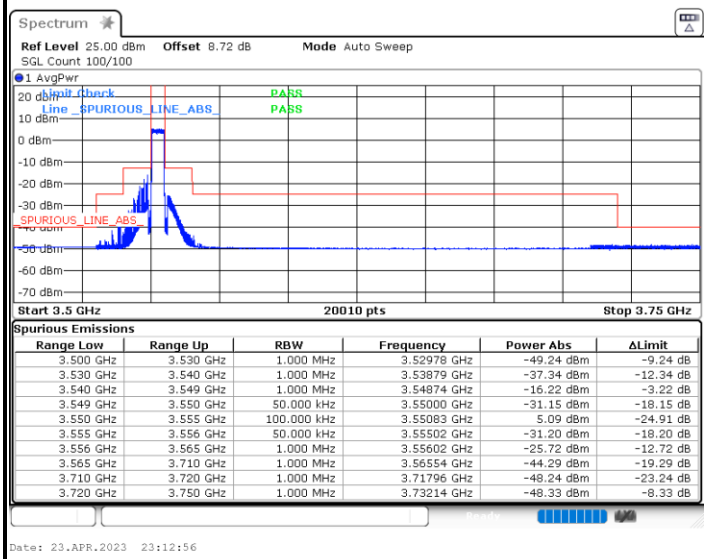
Lowest Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52978 GHz	-49.24 dBm	-9.24 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53879 GHz	-37.34 dBm	-12.34 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54874 GHz	-16.22 dBm	-3.22 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-31.15 dBm	-18.15 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55083 GHz	5.09 dBm	-24.91 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55502 GHz	-31.20 dBm	-18.20 dB
3.556 GHz	3.565 GHz	1.000 MHz	3.55602 GHz	-25.72 dBm	-12.72 dB
3.565 GHz	3.710 GHz	1.000 MHz	3.56554 GHz	-44.29 dBm	-19.29 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71796 GHz	-48.24 dBm	-23.24 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73214 GHz	-48.33 dBm	-8.33 dB

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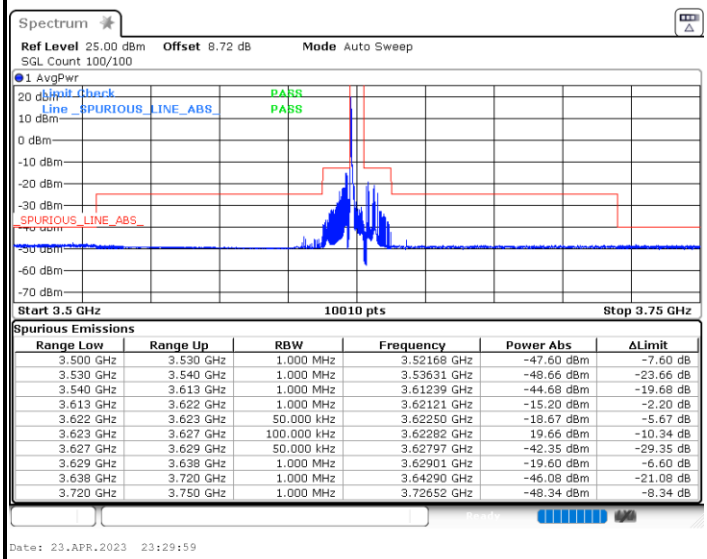
N/A

LTE Band 48 / 5MHz

16QAM

Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52168 GHz	-47.60 dBm	-7.60 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53631 GHz	-48.66 dBm	-23.66 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61239 GHz	-44.68 dBm	-19.68 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62121 GHz	-15.20 dBm	-2.20 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-18.67 dBm	-5.67 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62282 GHz	19.66 dBm	-10.34 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62797 GHz	-42.35 dBm	-29.35 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62901 GHz	-19.60 dBm	-6.60 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.64290 GHz	-46.08 dBm	-21.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72652 GHz	-48.34 dBm	-8.34 dB

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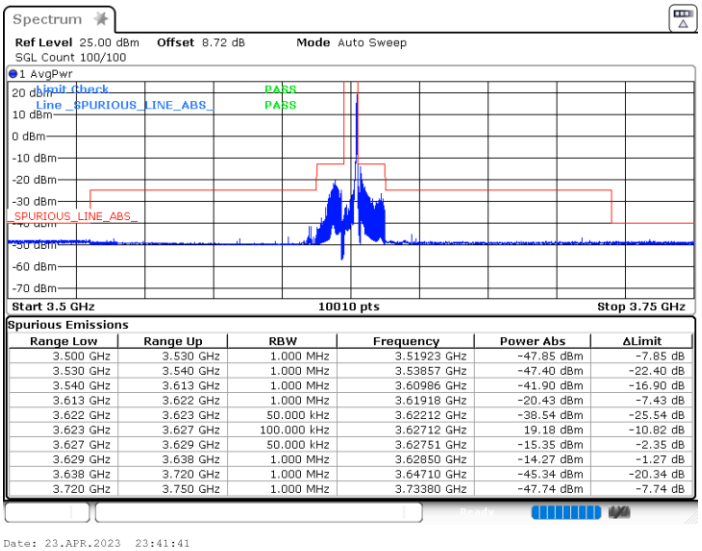
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51923 GHz	-47.85 dBm	-7.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53857 GHz	-47.40 dBm	-22.40 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.60986 GHz	-41.90 dBm	-16.90 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.61918 GHz	-20.43 dBm	-7.43 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62212 GHz	-38.54 dBm	-25.54 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62712 GHz	19.18 dBm	-10.82 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62751 GHz	-15.35 dBm	-2.35 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62850 GHz	-14.27 dBm	-1.27 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.64710 GHz	-45.34 dBm	-20.34 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73380 GHz	-47.74 dBm	-7.74 dB

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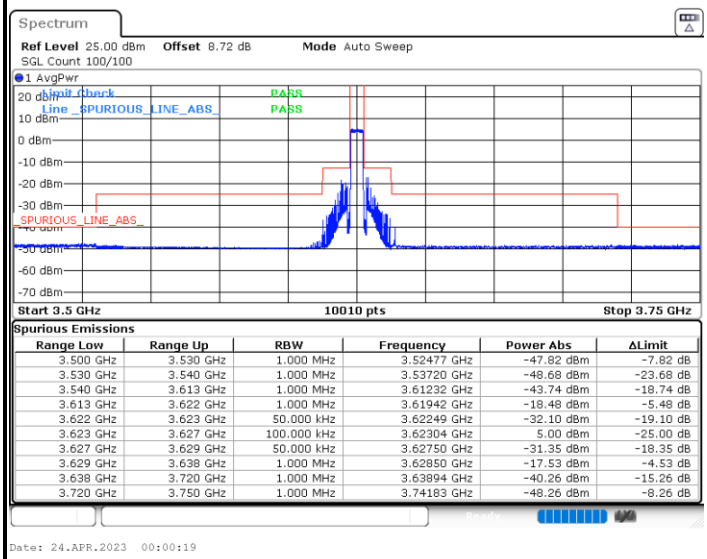
Middle Channel / FullRB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52477 GHz	-47.82 dBm	-7.82 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53720 GHz	-48.68 dBm	-23.68 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61232 GHz	-43.74 dBm	-18.74 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.61942 GHz	-18.48 dBm	-5.48 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62249 GHz	-32.10 dBm	-19.10 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62304 GHz	5.00 dBm	-25.00 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-31.35 dBm	-18.35 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62850 GHz	-17.53 dBm	-4.53 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.63894 GHz	-40.26 dBm	-15.26 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74183 GHz	-48.26 dBm	-8.26 dB

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N/A