FCC RF Test Report

APPLICANT	:	Xiaomi Communications Co., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	Redmi
MODEL NAME	:	25080RABDG
FCC ID	:	2AFZZRABDG
STANDARD	:	47 CFR Part 27 Subpart Q
CLASSIFICATION	:	PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S)	:	Jul. 01, 2025 ~ Jul. 16, 2025

We, Sporton International Inc. (ShenZhen), 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.

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

Fly Liang

Approved by: Fly Liang

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG562503F	Rev. 01	Initial issue of report	Aug. 12, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	—	Report Only	-
3.5	§27.50 (k)(4)	Peak-to-Average Ratio	<13dB	PASS	
3.6	§27.50 (k)(3)	EIRP	EIRP < 1W (30dBm)	PASS	-
3.7	§2.1049	Occupied Bandwidth	—	Report Only	-
3.8	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement	-13dBm/MHz	PASS	-
3.9	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission	-13dBm/MHz	PASS	-
3.10	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within the band	PASS	-
4.4	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission	-13dBm/MHz	PASS	Under limit 37.80 dB at 13964.00 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

Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	Redmi
Model Name	25080RABDG
FCC ID	2AFZZRABDG
IMEI Code	Conducted: 862542070023583/862542070023591 Radiation: 862542070040926/862542070040934
HW Version	135100P16
SW Version	Xiaomi HyperOS 2.0
EUT Stage	Identical Prototype

1.4 Product Specification of Equipment Under Test

Product Feature	
Tx/Rx Frequency	LTE Band 42: 3450 MHz ~ 3550 MHz
Bandwidth	5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	**<Ant. 4>** LTE Band 42 : 23.66 dBm **<Ant. 6>** LTE Band 42 : 24.16 dBm
Antenna Gain	**<Ant. 4>** LTE Band 42 : -2.1 dBi **<Ant. 6>** LTE Band 42 : -2.55 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note: The maximum EIRP is calculated from max output power and max antenna gain, so only the maximum EIRP of Ant. 6 for LTE Band42 is 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 42		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	3452.5 ~ 3547.5	0.1429	4M49G7D	0.1146	4M52W7D
10	3455 ~ 3545	0.1432	8M97G7D	0.1135	9M01W7D
15	3457.5 ~ 3542.5	0.1409	13M4G7D	0.1135	13M4W7D
20	3460 ~ 3540	0.1449	18M0G7D	0.1169	17M9W7D

1.7 Testing Site

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.**
	TH01-SZ 03CH01-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24

1.9 Applied Standards

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

- 47 CFR Part 27 Subpart Q
- ANSI C63.26-2015
- FCC KDB 971168 Power Meas License Digital Systems D01 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.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

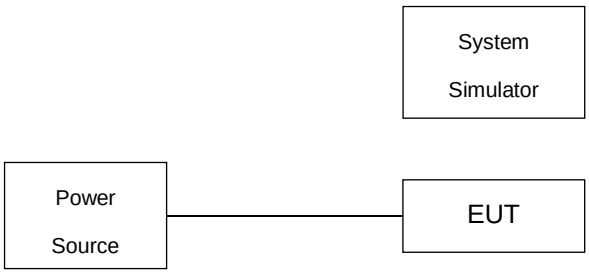
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

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

Test Cases	Band	Bandwidth (MHz)	Modulation	RB #	Test Channel
		eg. 5M, 10M, 15M, 20M	eg. QPSK, 16QAM, 64QAM	1RB, Partial RB, Full RB	L/M/H
Max. Output Power	LTE Band 42	5M, 10M, 15M, 20M	QPSK, 16QAM, 64QAM	1RB, Partial RB, Full RB	L, M, H
Peak-to-Average Ratio	LTE Band 42	20M	QPSK, 16QAM, 64QAM	Full RB	M
E.I.R.P	LTE Band 42	5M, 10M, 15M, 20M	QPSK, 16QAM, 64QAM	1RB, Partial RB, Full RB	L, M, H
26dB and 99% Bandwidth	LTE Band 42	5M, 10M, 15M, 20M	QPSK, 16QAM	Full RB	M
Conducted Band Edge	LTE Band 42	5M, 10M, 15M, 20M	QPSK, 16QAM, 64QAM	1RB, Full RB	L, H
Conducted Spurious Emission	LTE Band 42	5M, 10M, 15M, 20M	QPSK	1RB	L, M, H
Frequency Stability	LTE Band 42	5M	QPSK	1RB	M
Radiated Spurious Emission	LTE Band 42	Worst case from maximum power			M

Note:
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 5.5 dB and 10dB attenuator.

Example :

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

= 5.5 + 10 = 15.5 (dB)

2.5 Frequency List of Low/Middle/High Channels

LTE Band 42 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

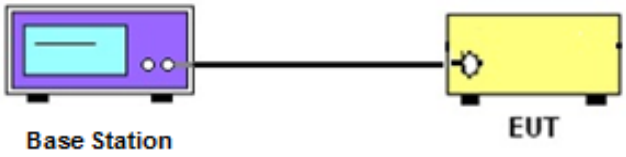
3 Conducted Test Items

3.1 Measuring Instruments

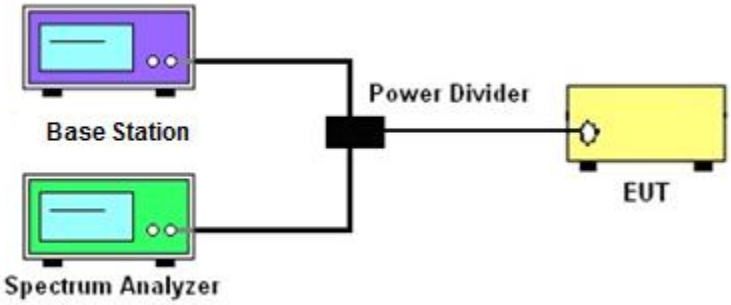
See list of measuring instruments of this test report.

3.2 Test Setup

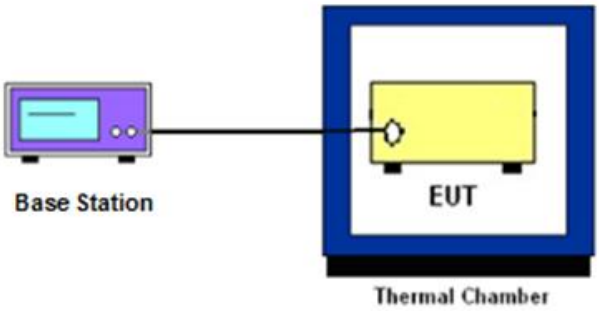
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied / 26dB Bandwidth ,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 Measurement

3.4.1 Description of the Conducted Output Power Measurement

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

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.

3.5 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 EIRP

3.6.1 Description of EIRP Limit

§ 27.50 (k)(3)

Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications

3.6.2 Test Procedures

1. According to KDB 412172 D01 Power Approach,
2. 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

3.7 Occupied Bandwidth

3.7.1 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.

3.7.2 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.

3.8 Conducted Band Edge Measurement

3.8.1 Description of Conducted Band Edge Measurement

§ 27.53 (n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

Compliance with this paragraph is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

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 band edges of low and high channels for the highest RF powers were measured.
4. Set RBW ≥ 1% EBW but limited to a maximum of 200 kHz in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz and 5 MHz removed from the band edge, set RBW ≥ 500KHz.
6. Beyond the 5 MHz removed from the band edge, set RBW = 1MHz.
7. Set spectrum analyzer with RMS detector.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. Checked that all the results comply with the emission limit line.

3.9 Conducted Spurious Emission Measurement

3.9.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges shall not exceed −13 dBm/MHz.

It is measured by means of a calibrated spectrum analyzer and scanned from 9 kHz up to a frequency including its 10th harmonic.

3.9.2 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. Checked that all the results comply with the emission limit line.

3.10 Frequency Stability Measurement

3.10.1 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.

3.10.2 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.

3.10.3 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.

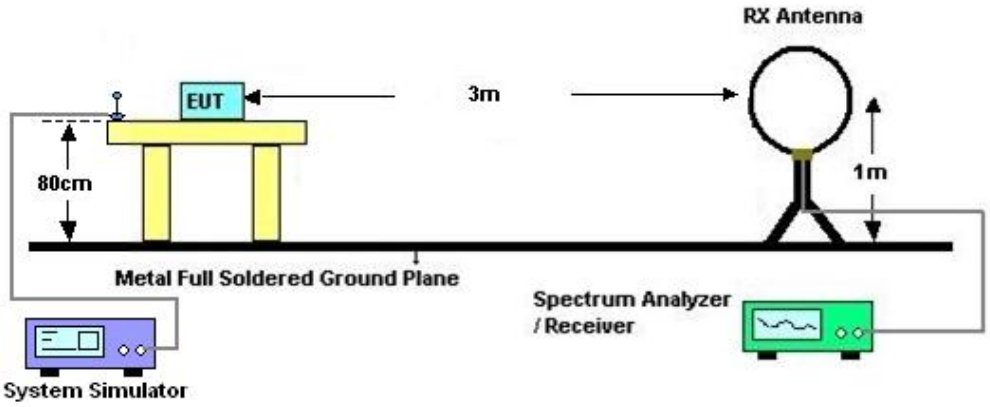
4 Radiated Test Items

4.1 Measuring Instruments

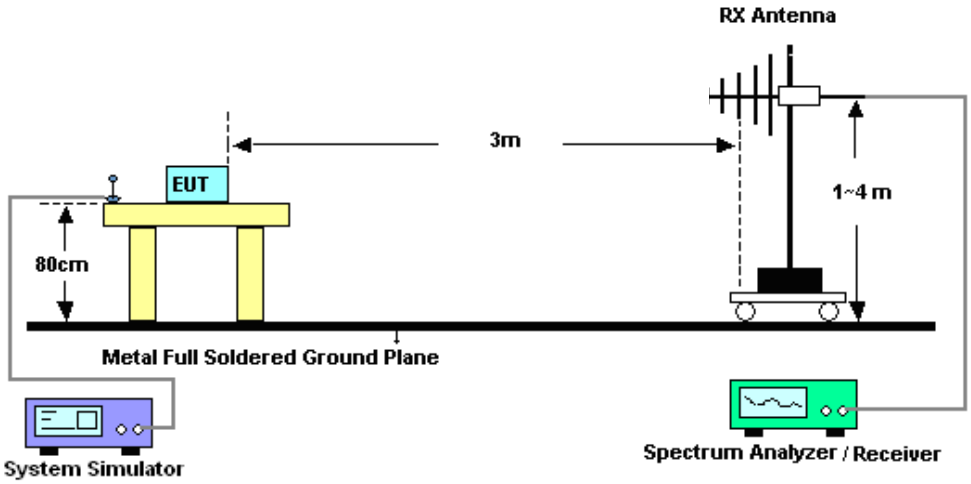
See list of measuring instruments of this test report.

4.2 Test Setup

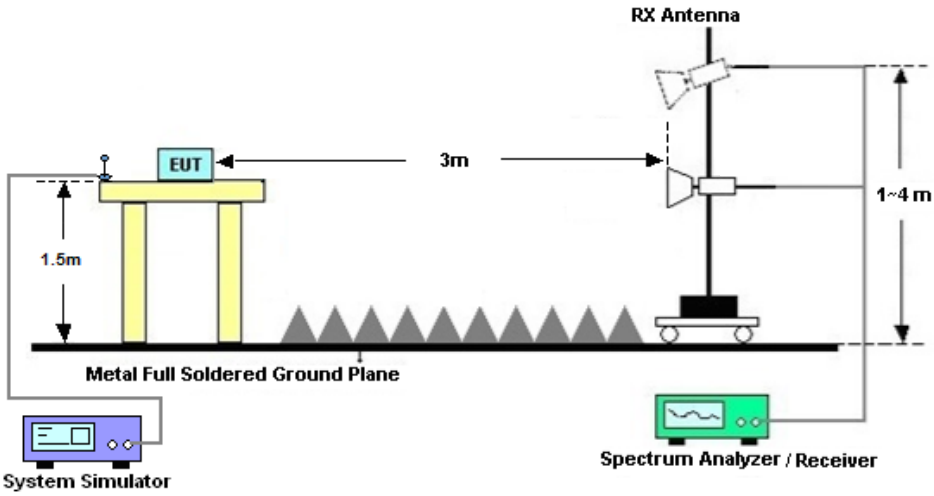
4.2.1 For radiated test below 30MHz



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 Measurement

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges shall not exceed −13 dBm/MHz.

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.
   EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
   ERP (dBm) = EIRP - 2.15
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jul. 02, 2025~ Jul. 03, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct.14,2024	Jul. 02, 2025~ Jul. 03, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jul. 02, 2025~ Jul. 03, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Jul. 02, 2025~ Jul. 03, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Jul. 16, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 16, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Jul. 16, 2025	Oct. 13, 2025	Radiation (03CH01-SZ
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Jul. 16, 2025	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Jul. 16, 2025	Jul. 03, 2026	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Jul. 16, 2025	Apr. 02, 2027	Radiation (03CH01-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Jul. 16, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jul. 16, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 16, 2025	Jul. 02, 2026	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2024	Jul. 16, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 16, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 16, 2025	NCR	Radiation (03CH01-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	±1.34 dB
Occupied Channel Bandwidth	±0.012 MHz
Conducted Power	±1.34 dB
Peak to Average Ratio	±1.34 dB
Frequency Stability	±1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.48 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.53 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.02 dB

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

Appendix A. Test Results of Conducted Test

Test Engineer :	Nina Cheng	Temperature :	24~26℃
		Relative Humidity :	50~53%

Conducted Output Power(Average power) and EIRP

LTE Band 42_Ant. 6:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540	L	M	H
20	QPSK	1	0	24.08	24.16	24.09	0.1422	0.1449	0.1426
20	QPSK	1	49	23.89	24.04	23.86	0.1361	0.1409	0.1352
20	QPSK	1	99	23.80	24.02	23.91	0.1334	0.1403	0.1368
20	QPSK	50	0	23.04	23.20	23.04	0.1119	0.1161	0.1119
20	QPSK	50	24	22.97	23.12	22.98	0.1102	0.1140	0.1104
20	QPSK	50	50	23.02	23.15	22.96	0.1114	0.1148	0.1099
20	QPSK	100	0	23.10	23.21	23.09	0.1135	0.1164	0.1132
20	16QAM	1	0	23.03	23.23	23.12	0.1117	0.1169	0.1140
20	16QAM	1	49	22.90	23.08	22.90	0.1084	0.1130	0.1084
20	16QAM	1	99	23.06	23.15	23.07	0.1125	0.1148	0.1127
20	16QAM	50	0	22.01	22.22	22.14	0.0883	0.0927	0.0910
20	16QAM	50	24	22.08	22.18	22.10	0.0897	0.0918	0.0902
20	16QAM	50	50	21.99	22.16	22.05	0.0879	0.0914	0.0891
20	16QAM	100	0	22.14	22.24	22.15	0.0910	0.0931	0.0912
20	64QAM	1	0	21.72	21.94	21.78	0.0826	0.0869	0.0838
20	64QAM	1	49	21.70	21.82	21.61	0.0822	0.0845	0.0805
20	64QAM	1	99	21.81	21.90	21.73	0.0843	0.0861	0.0828
20	64QAM	50	0	21.05	21.26	21.16	0.0708	0.0743	0.0726
20	64QAM	50	24	21.09	21.22	21.12	0.0714	0.0736	0.0719
20	64QAM	50	50	21.08	21.20	21.11	0.0713	0.0733	0.0718
20	64QAM	100	0	21.12	21.23	21.07	0.0719	0.0738	0.0711
20	256QAM	1	0	19.01	19.11	18.91	0.0443	0.0453	0.0433
20	256QAM	1	49	18.80	18.98	18.88	0.0422	0.0440	0.0430
20	256QAM	1	99	18.85	19.03	18.86	0.0427	0.0445	0.0428
20	256QAM	50	0	19.21	19.29	19.10	0.0463	0.0472	0.0452
20	256QAM	50	24	19.03	19.16	18.97	0.0445	0.0458	0.0439
20	256QAM	50	50	19.11	19.21	19.07	0.0453	0.0463	0.0449
20	256QAM	100	0	19.13	19.24	19.14	0.0455	0.0467	0.0456
Channel				42165	42590	43015	EIRP(W)		
Frequency (MHz)				3457.5	3500	3542.5	L	M	H
15	QPSK	1	0	23.99	24.04	23.99	0.1393	0.1409	0.1393

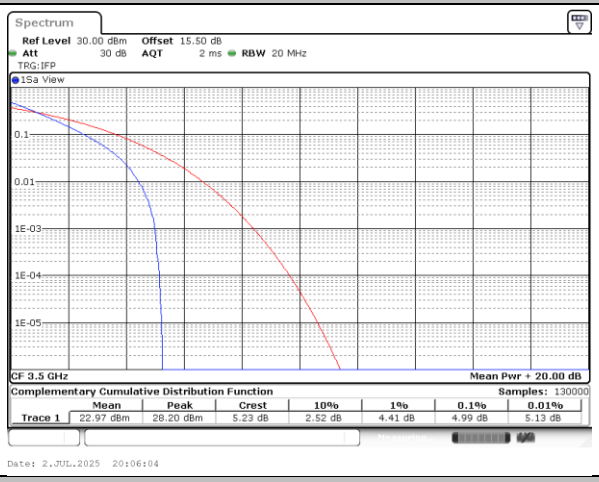
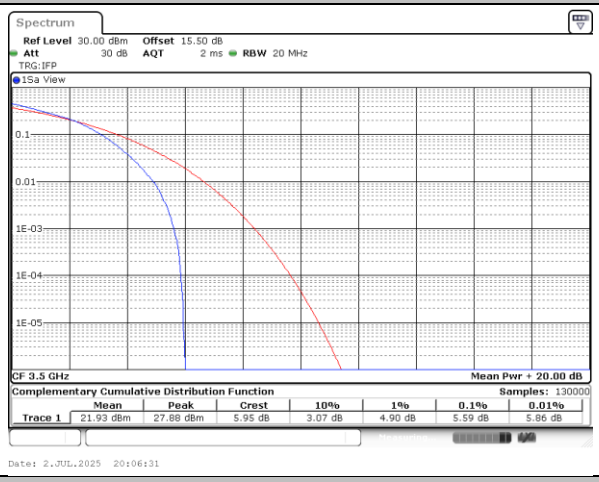
15	QPSK	1	37	23.84	24.00	23.72	0.1346	0.1396	0.1309
15	QPSK	1	74	23.69	23.99	23.78	0.1300	0.1393	0.1327
15	QPSK	36	0	23.02	23.15	22.89	0.1114	0.1148	0.1081
15	QPSK	36	20	22.85	23.05	22.83	0.1072	0.1122	0.1067
15	QPSK	36	39	22.98	23.11	22.87	0.1104	0.1138	0.1076
15	QPSK	75	0	23.02	23.13	23.03	0.1114	0.1143	0.1117
15	16QAM	1	0	23.01	23.10	23.09	0.1112	0.1135	0.1132
15	16QAM	1	37	22.88	23.02	22.76	0.1079	0.1114	0.1050
15	16QAM	1	74	22.98	23.09	23.01	0.1104	0.1132	0.1112
15	16QAM	36	0	21.94	22.08	21.99	0.0869	0.0897	0.0879
15	16QAM	36	20	22.06	22.16	22.05	0.0893	0.0914	0.0891
15	16QAM	36	39	21.85	22.05	21.95	0.0851	0.0891	0.0871
15	16QAM	75	0	22.11	22.12	22.13	0.0904	0.0906	0.0908
15	64QAM	1	0	21.67	21.82	21.63	0.0817	0.0845	0.0809
15	64QAM	1	37	21.63	21.75	21.52	0.0809	0.0832	0.0789
15	64QAM	1	74	21.78	21.83	21.60	0.0838	0.0847	0.0804
15	64QAM	36	0	20.90	21.20	21.09	0.0684	0.0733	0.0714
15	64QAM	36	20	21.01	21.21	21.07	0.0701	0.0735	0.0711
15	64QAM	36	39	21.05	21.19	21.00	0.0708	0.0731	0.0700
15	64QAM	75	0	20.98	21.16	20.93	0.0697	0.0726	0.0689
15	256QAM	1	0	18.87	19.07	18.83	0.0429	0.0449	0.0425
15	256QAM	1	37	18.78	18.91	18.74	0.0420	0.0433	0.0416
15	256QAM	1	74	18.81	18.98	18.75	0.0423	0.0440	0.0417
15	256QAM	36	0	19.09	19.23	19.03	0.0451	0.0466	0.0445
15	256QAM	36	20	18.93	19.08	18.83	0.0435	0.0450	0.0425
15	256QAM	36	39	19.00	19.08	19.00	0.0442	0.0450	0.0442
15	256QAM	75	0	19.11	19.18	19.00	0.0453	0.0460	0.0442
Channel				42140	42590	43040	EIRP(W)		
Frequency (MHz)				3455	3500	3545	L	M	H
10	QPSK	1	0	24.07	24.11	23.98	0.1419	0.1432	0.1390
10	QPSK	1	25	23.87	24.00	23.71	0.1355	0.1396	0.1306
10	QPSK	1	49	23.66	23.94	23.79	0.1291	0.1377	0.1330
10	QPSK	25	0	22.95	23.11	22.98	0.1096	0.1138	0.1104
10	QPSK	25	12	22.96	23.10	22.83	0.1099	0.1135	0.1067
10	QPSK	25	25	22.88	23.14	22.95	0.1079	0.1146	0.1096
10	QPSK	50	0	23.04	23.15	23.08	0.1119	0.1148	0.1130
10	16QAM	1	0	22.90	23.10	22.98	0.1084	0.1135	0.1104
10	16QAM	1	25	22.82	23.02	22.80	0.1064	0.1114	0.1059
10	16QAM	1	49	22.98	23.07	22.98	0.1104	0.1127	0.1104
10	16QAM	25	0	21.88	22.13	22.12	0.0857	0.0908	0.0906
10	16QAM	25	12	22.06	22.07	21.97	0.0893	0.0895	0.0875
10	16QAM	25	25	21.88	22.03	21.99	0.0857	0.0887	0.0879
10	16QAM	50	0	22.00	22.16	22.04	0.0881	0.0914	0.0889
10	64QAM	1	0	21.65	21.81	21.76	0.0813	0.0843	0.0834

10	64QAM	1	25	21.62	21.81	21.59	0.0807	0.0843	0.0802
10	64QAM	1	49	21.74	21.78	21.63	0.0830	0.0838	0.0809
10	64QAM	25	0	20.95	21.25	21.06	0.0692	0.0741	0.0710
10	64QAM	25	12	21.04	21.09	20.97	0.0706	0.0714	0.0695
10	64QAM	25	25	21.03	21.08	21.00	0.0705	0.0713	0.0700
10	64QAM	50	0	21.02	21.10	21.05	0.0703	0.0716	0.0708
10	256QAM	1	0	18.96	19.09	18.77	0.0438	0.0451	0.0419
10	256QAM	1	25	18.71	18.83	18.81	0.0413	0.0425	0.0423
10	256QAM	1	49	18.83	18.94	18.74	0.0425	0.0436	0.0416
10	256QAM	25	0	19.16	19.15	19.05	0.0458	0.0457	0.0447
10	256QAM	25	12	18.99	19.10	18.91	0.0441	0.0452	0.0433
10	256QAM	25	25	19.06	19.20	18.93	0.0448	0.0462	0.0435
10	256QAM	50	0	19.09	19.21	19.04	0.0451	0.0463	0.0446
Channel				42115	42590	43065	EIRP(W)		
Frequency (MHz)				3452.5	3500	3547.5	L	M	H
5	QPSK	1	0	23.99	24.10	24.03	0.1393	0.1429	0.1406
5	QPSK	1	12	23.80	23.99	23.77	0.1334	0.1393	0.1324
5	QPSK	1	24	23.75	24.01	23.78	0.1318	0.1400	0.1327
5	QPSK	12	0	23.00	23.08	22.98	0.1109	0.1130	0.1104
5	QPSK	12	7	22.90	23.06	22.85	0.1084	0.1125	0.1072
5	QPSK	12	13	22.99	23.03	22.84	0.1107	0.1117	0.1069
5	QPSK	25	0	23.06	23.08	22.97	0.1125	0.1130	0.1102
5	16QAM	1	0	22.95	23.14	23.01	0.1096	0.1146	0.1112
5	16QAM	1	12	22.85	22.97	22.77	0.1072	0.1102	0.1052
5	16QAM	1	24	22.94	23.11	22.96	0.1094	0.1138	0.1099
5	16QAM	12	0	21.89	22.12	22.07	0.0859	0.0906	0.0895
5	16QAM	12	7	22.04	22.12	22.07	0.0889	0.0906	0.0895
5	16QAM	12	13	21.92	22.06	21.91	0.0865	0.0893	0.0863
5	16QAM	25	0	22.00	22.17	22.11	0.0881	0.0916	0.0904
5	64QAM	1	0	21.64	21.91	21.71	0.0811	0.0863	0.0824
5	64QAM	1	12	21.57	21.72	21.51	0.0798	0.0826	0.0787
5	64QAM	1	24	21.73	21.80	21.67	0.0828	0.0841	0.0817
5	64QAM	12	0	20.93	21.24	21.08	0.0689	0.0740	0.0713
5	64QAM	12	7	21.04	21.09	21.04	0.0706	0.0714	0.0706
5	64QAM	12	13	20.99	21.08	21.07	0.0698	0.0713	0.0711
5	64QAM	25	0	20.99	21.09	21.06	0.0698	0.0714	0.0710
5	256QAM	1	0	18.95	19.01	18.81	0.0437	0.0443	0.0423
5	256QAM	1	12	18.73	18.89	18.78	0.0415	0.0431	0.0420
5	256QAM	1	24	18.82	18.98	18.73	0.0424	0.0440	0.0415
5	256QAM	12	0	19.18	19.19	19.03	0.0460	0.0461	0.0445
5	256QAM	12	7	18.90	19.02	18.83	0.0432	0.0444	0.0425
5	256QAM	12	13	19.04	19.16	18.95	0.0446	0.0458	0.0437
5	256QAM	25	0	19.10	19.21	19.10	0.0452	0.0463	0.0452

LTE Band 42

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.59	6.41	PASS

LTE Band 42 / 20MHz / QPSK	LTE Band 42 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

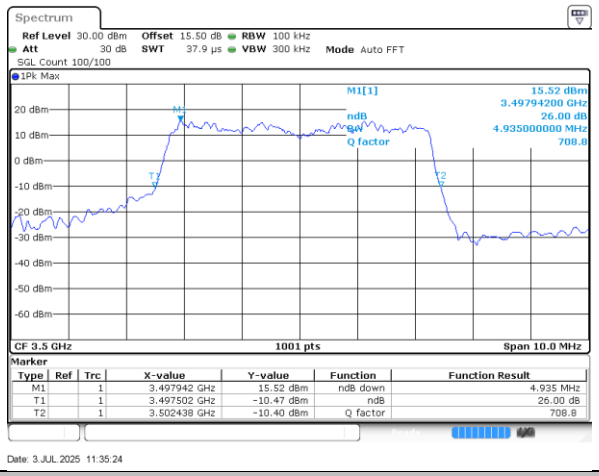
LTE Band 42 / 20MHz / 64QAM
Middle Channel / Full RB


26dB Bandwidth

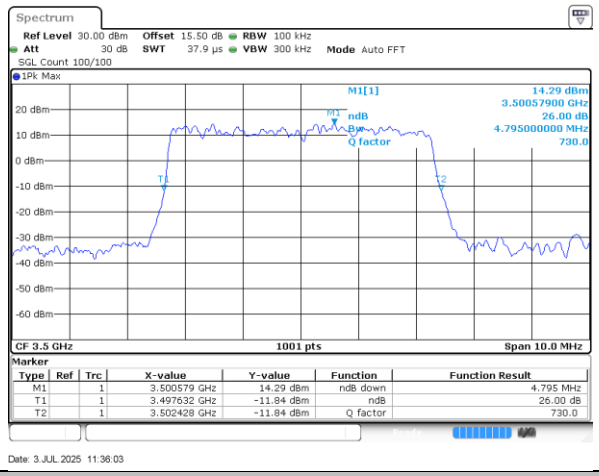
Mode	LTE Band 42 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.94	4.80	9.61	9.93	14.30	14.12	18.70	18.70

LTE Band 42

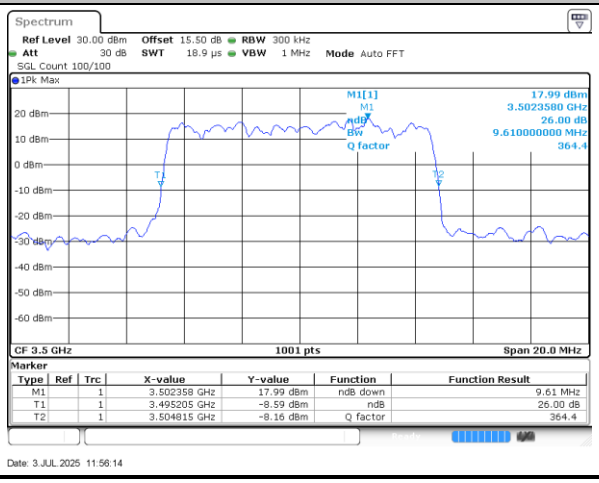
Middle Channel / 5MHz / QPSK



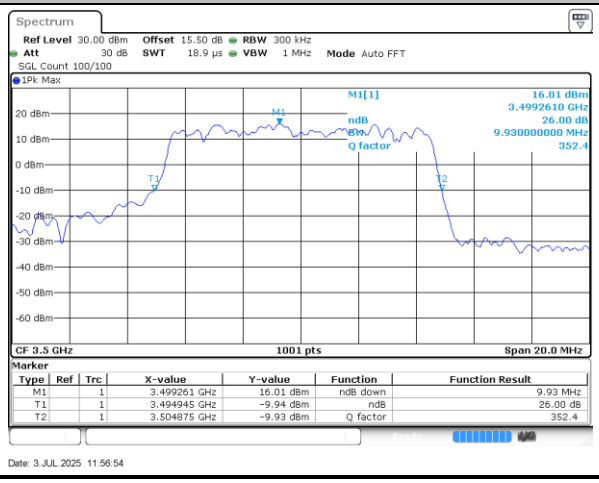
Middle Channel / 5MHz / 16QAM

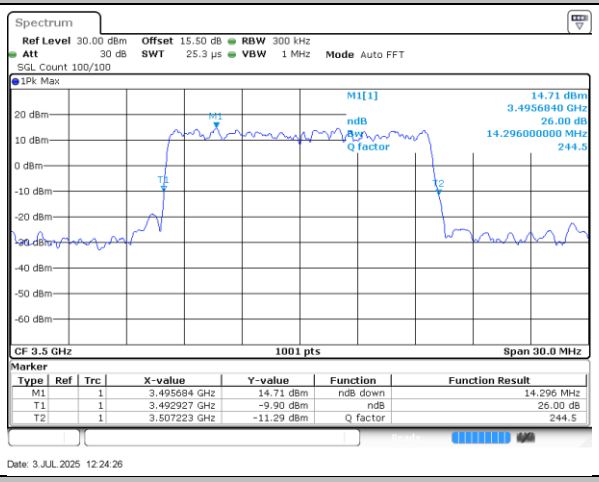
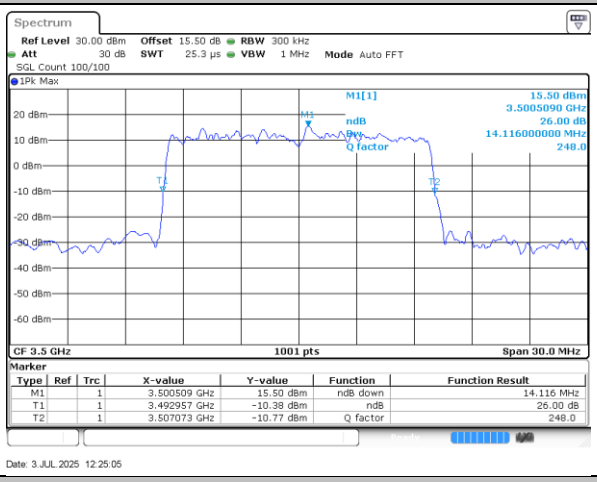
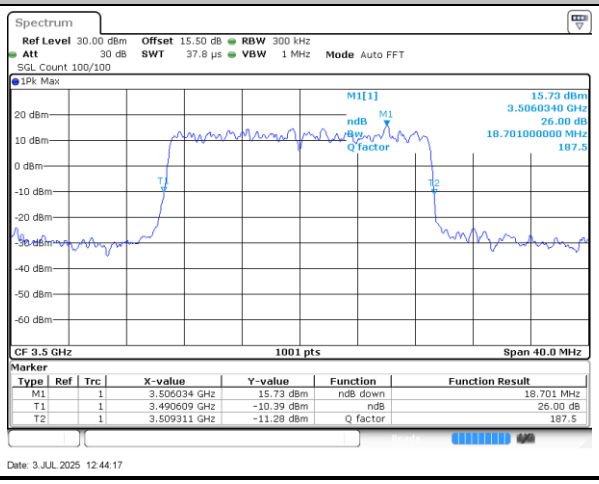
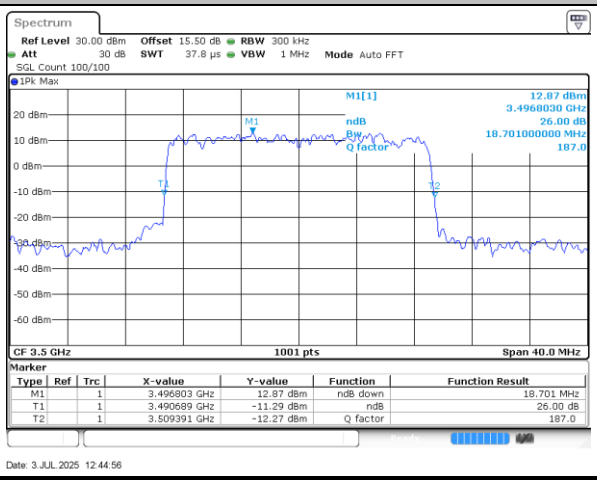


Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



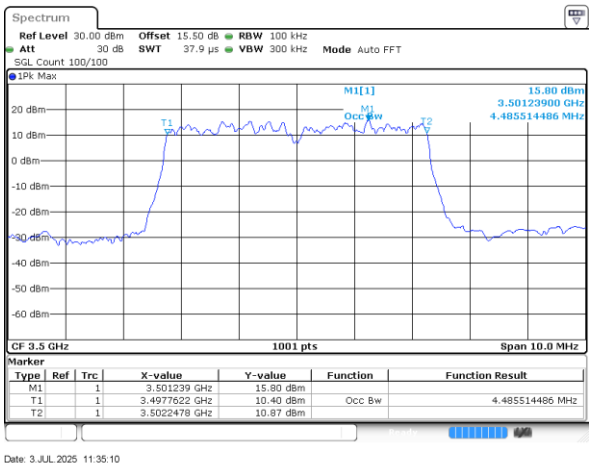
LTE Band 42	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Occupied Bandwidth

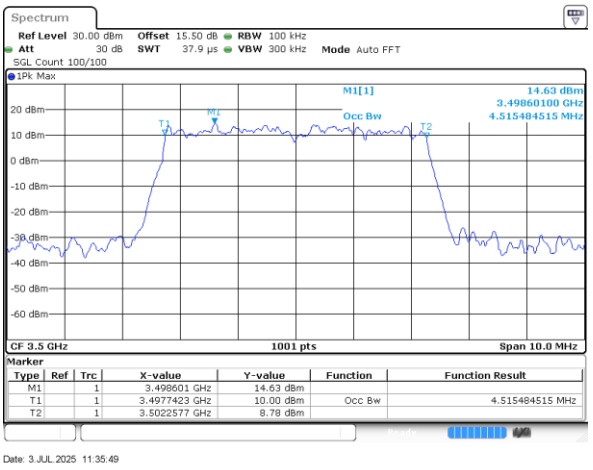
Mode	LTE Band 42 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.52	8.97	9.01	13.43	13.43	17.98	17.86

LTE Band 42

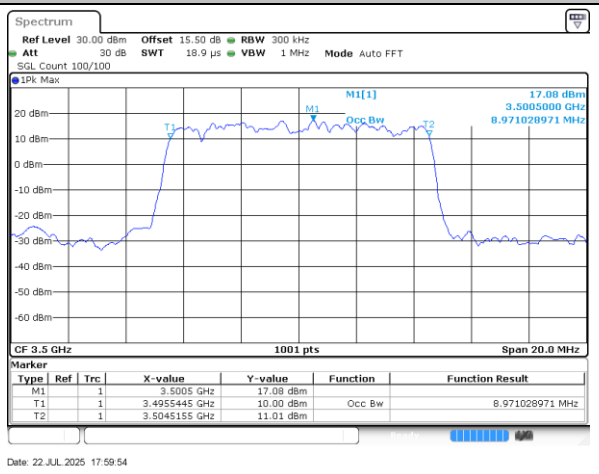
Middle Channel / 5MHz / QPSK



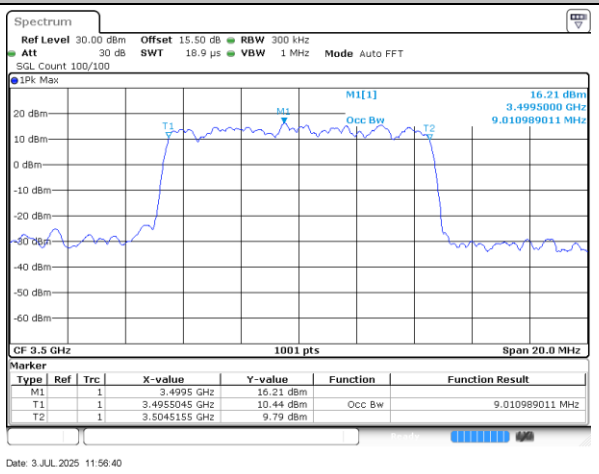
Middle Channel / 5MHz / 16QAM

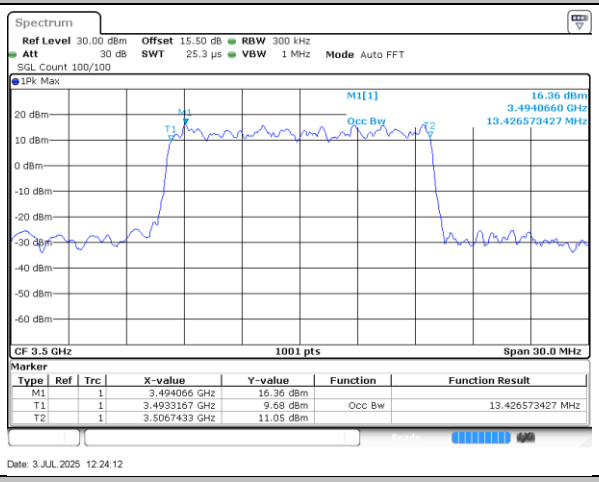
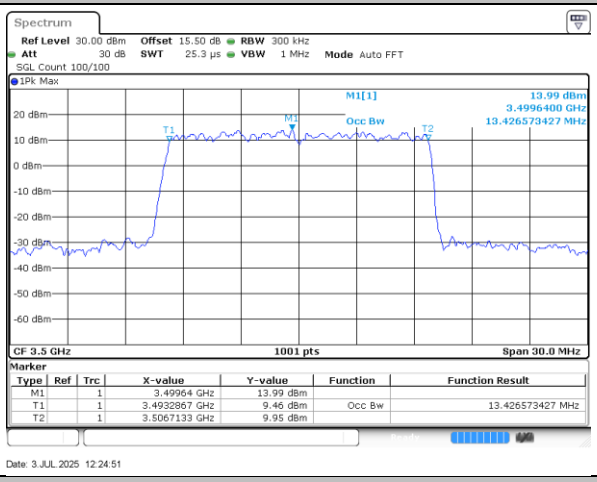
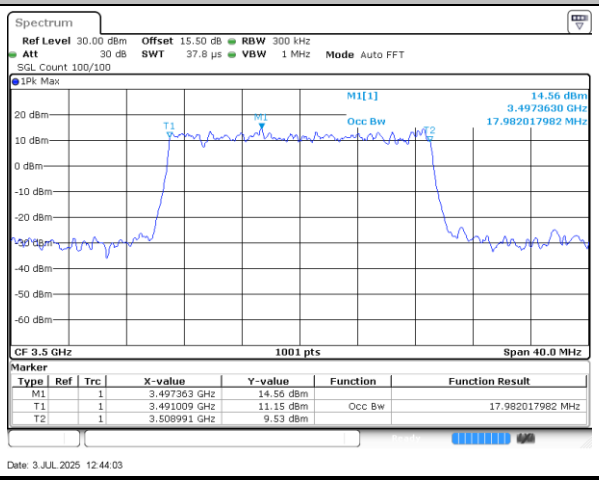
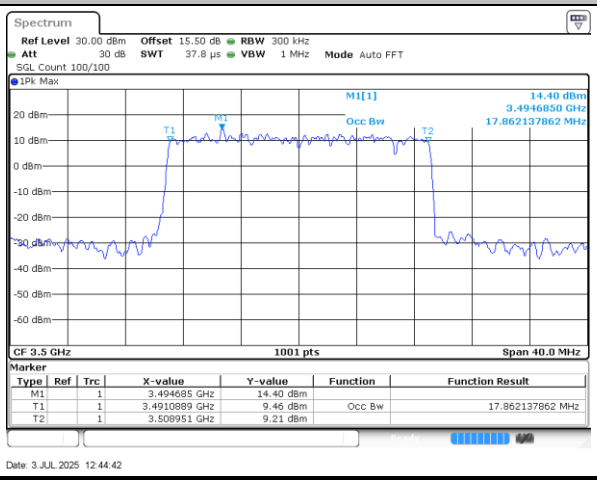


Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

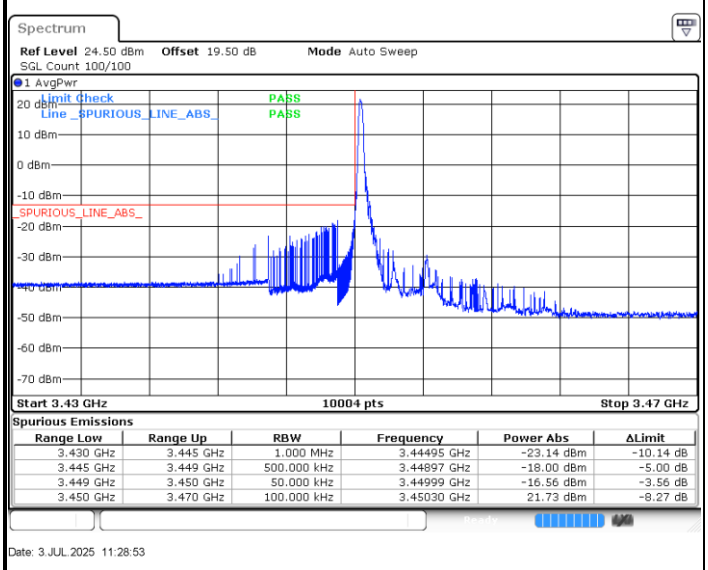


LTE Band 42	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Conducted Band Edge

LTE Band 42 / 5MHz / QPSK

Lowest Band Edge / 1 RB

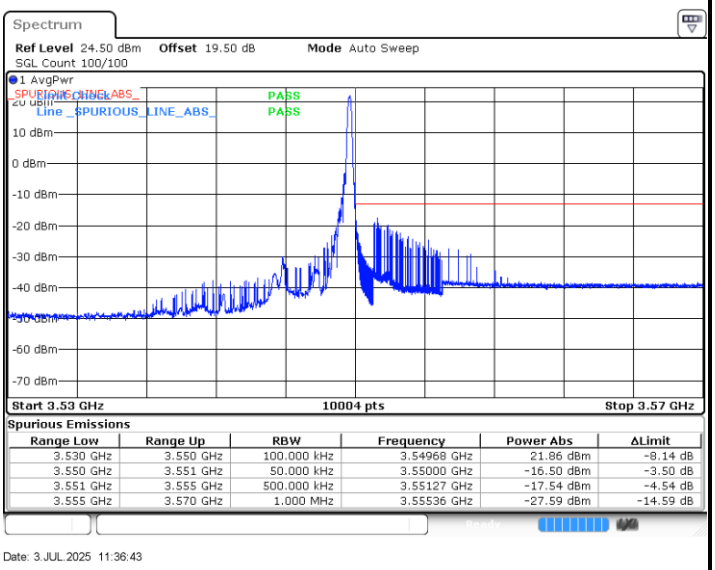


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44495 GHz	-23.14 dBm	-10.14 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44897 GHz	-18.00 dBm	-5.00 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.44999 GHz	-16.56 dBm	-3.56 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45030 GHz	21.73 dBm	-8.27 dB

Date: 3.JUL.2025 11:28:53

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54968 GHz	21.86 dBm	-8.14 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55000 GHz	-16.50 dBm	-3.50 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55127 GHz	-17.54 dBm	-4.54 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55536 GHz	-27.59 dBm	-14.59 dB

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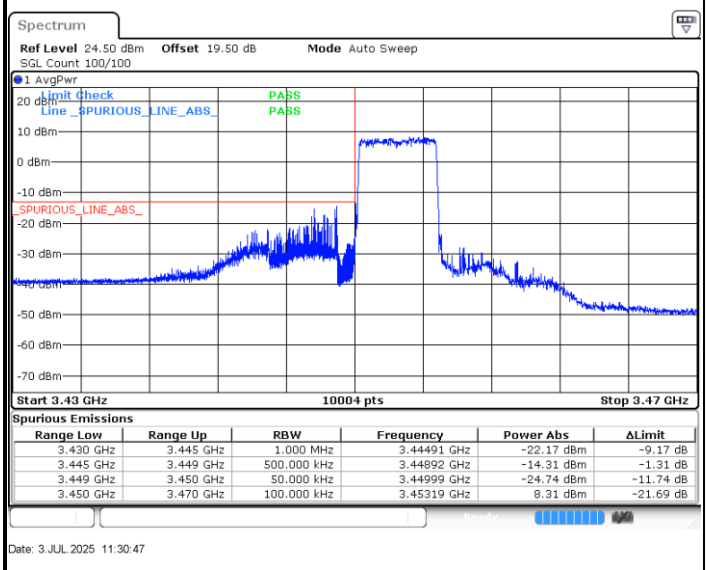
Lowest Band Edge / Full RB

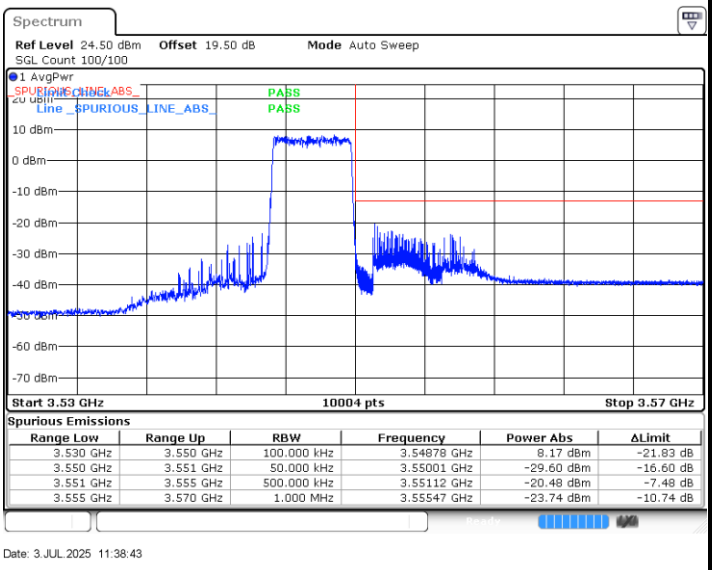


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44491 GHz	-22.17 dBm	-9.17 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44892 GHz	-14.31 dBm	-1.31 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.44999 GHz	-24.74 dBm	-11.74 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45319 GHz	8.31 dBm	-21.69 dB

Date: 3.JUL.2025 11:30:47

Highest Band Edge / Full RB



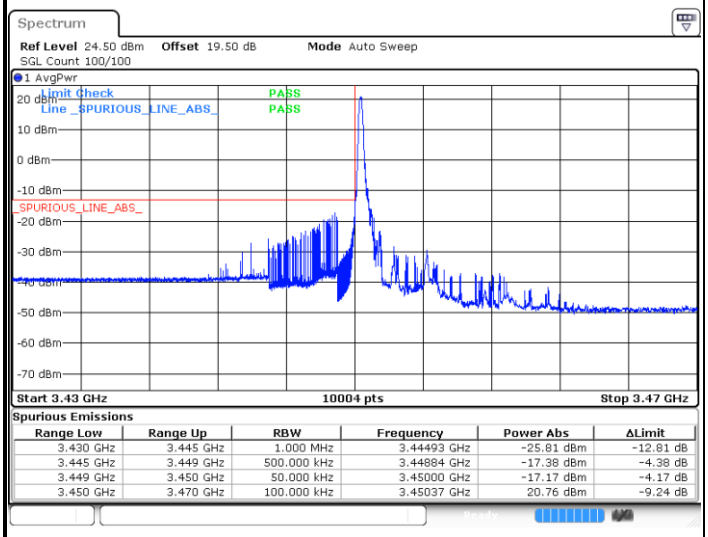
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54878 GHz	8.17 dBm	-21.83 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55001 GHz	-29.60 dBm	-16.60 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55112 GHz	-20.48 dBm	-7.48 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55547 GHz	-23.74 dBm	-10.74 dB

Date: 3.JUL.2025 11:38:43

LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1RB

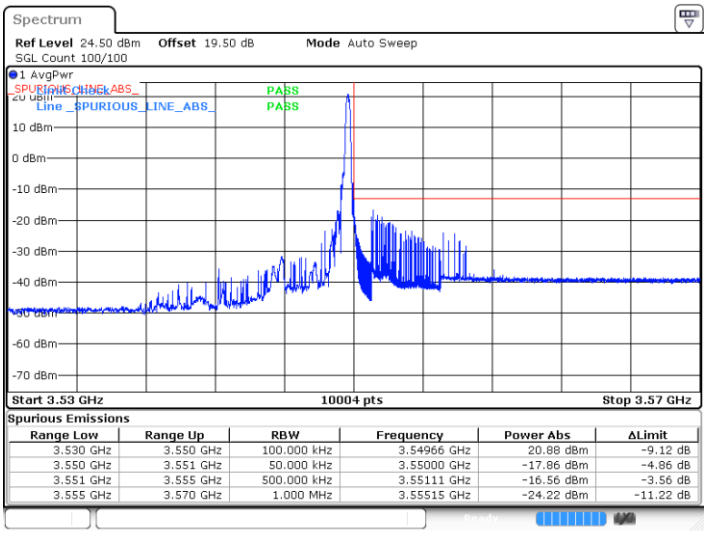


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44493 GHz	-25.81 dBm	-12.81 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44884 GHz	-17.38 dBm	-4.38 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.45000 GHz	-17.17 dBm	-4.17 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45037 GHz	20.76 dBm	-9.24 dB

Date: 3.JUL.2025 11:29:30

Highest Band Edge / 1 RB

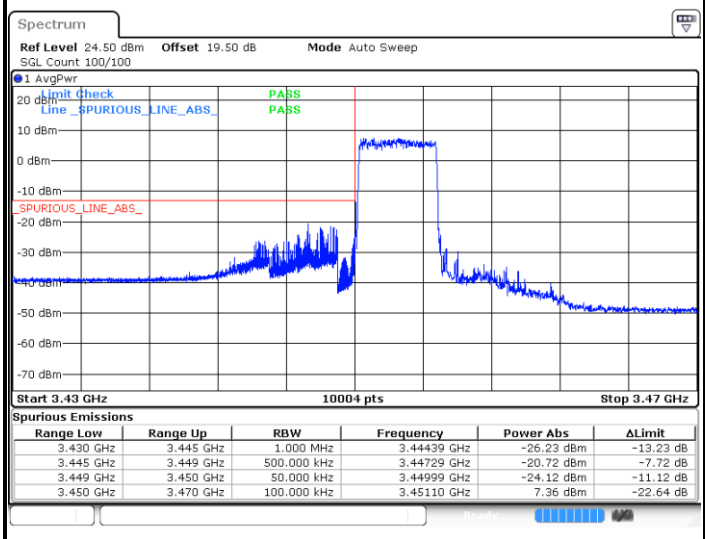


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54966 GHz	20.88 dBm	-9.12 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55000 GHz	-17.86 dBm	-4.86 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55111 GHz	-16.56 dBm	-3.56 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55515 GHz	-24.22 dBm	-11.22 dB

Date: 3.JUL.2025 11:37:23

Lowest Band Edge / Full RB

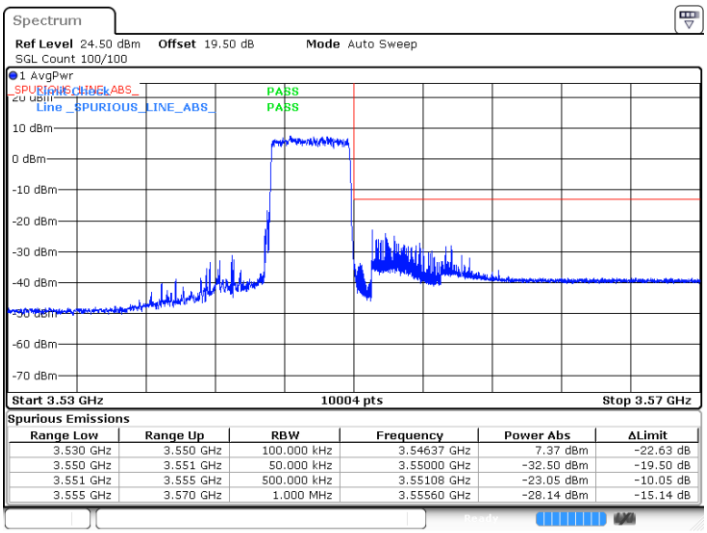


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44439 GHz	-26.23 dBm	-13.23 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44729 GHz	-20.72 dBm	-7.72 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.44999 GHz	-24.12 dBm	-11.12 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45110 GHz	7.36 dBm	-22.64 dB

Date: 3.JUL.2025 11:31:27

Highest Band Edge / Full RB



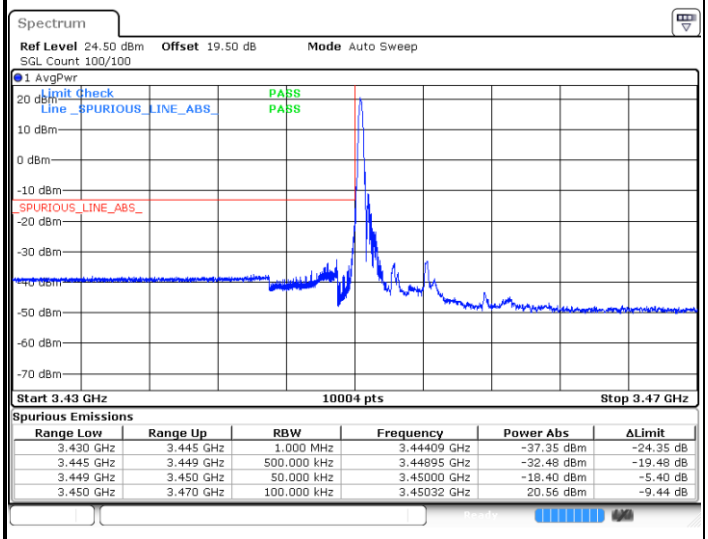
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54637 GHz	7.37 dBm	-22.63 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55000 GHz	-32.50 dBm	-19.50 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55108 GHz	-23.05 dBm	-10.05 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55560 GHz	-28.14 dBm	-15.14 dB

Date: 3.JUL.2025 11:39:23

LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB

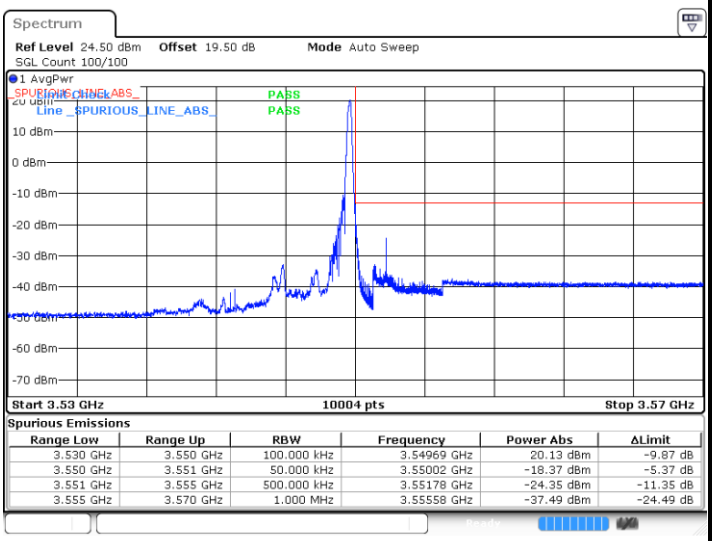


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44409 GHz	-37.35 dBm	-24.35 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44895 GHz	-32.48 dBm	-19.48 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.45000 GHz	-18.40 dBm	-5.40 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45032 GHz	20.56 dBm	-9.44 dB

Date: 3.JUL.2025 11:30:06

Highest Band Edge / 1 RB

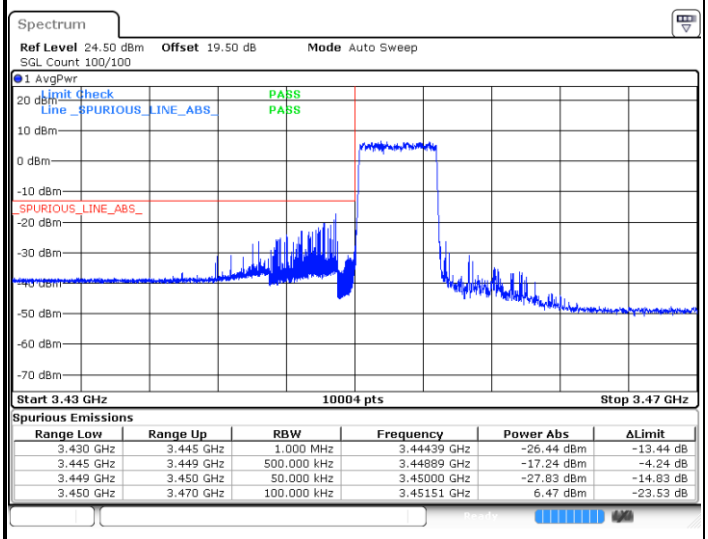


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54969 GHz	20.13 dBm	-9.87 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55002 GHz	-18.37 dBm	-5.37 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55178 GHz	-24.35 dBm	-11.35 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55558 GHz	-37.49 dBm	-24.49 dB

Date: 3.JUL.2025 11:38:03

Lowest Band Edge / Full RB

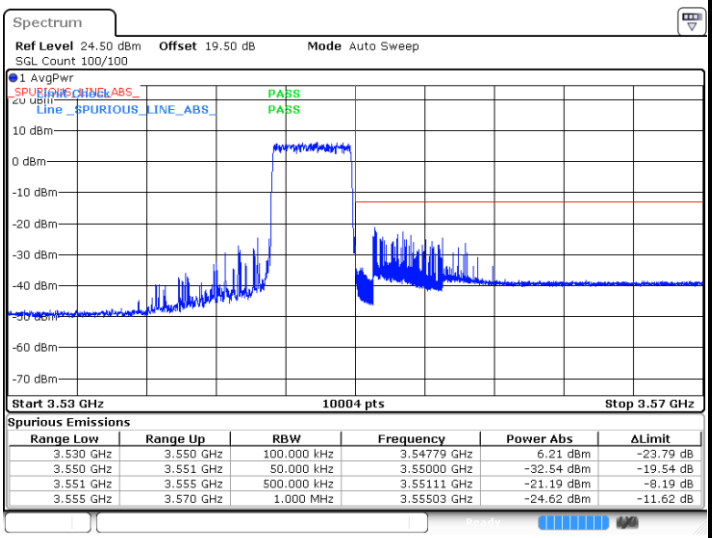


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44439 GHz	-26.44 dBm	-13.44 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44889 GHz	-17.24 dBm	-4.24 dB
3.449 GHz	3.450 GHz	50.000 kHz	3.45000 GHz	-27.83 dBm	-14.83 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45151 GHz	6.47 dBm	-23.53 dB

Date: 3.JUL.2025 11:32:07

Highest Band Edge / Full RB



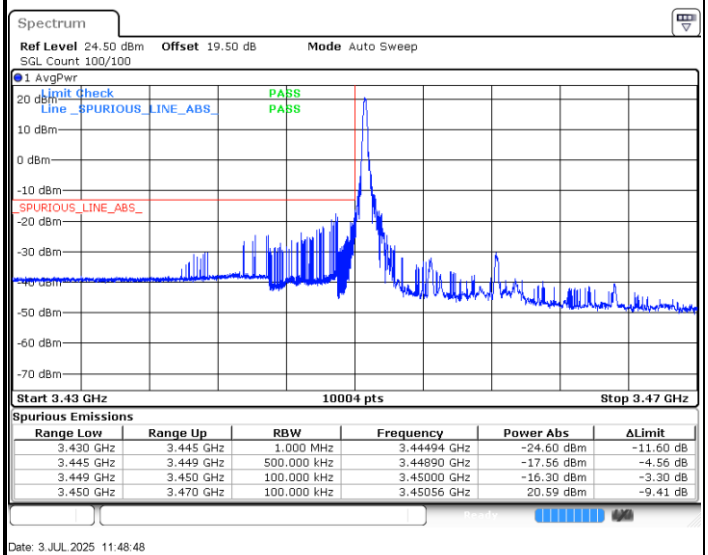
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54779 GHz	6.21 dBm	-23.79 dB
3.550 GHz	3.551 GHz	50.000 kHz	3.55000 GHz	-32.54 dBm	-19.54 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55111 GHz	-21.19 dBm	-8.19 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55503 GHz	-24.62 dBm	-11.62 dB

Date: 3.JUL.2025 11:40:03

LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB

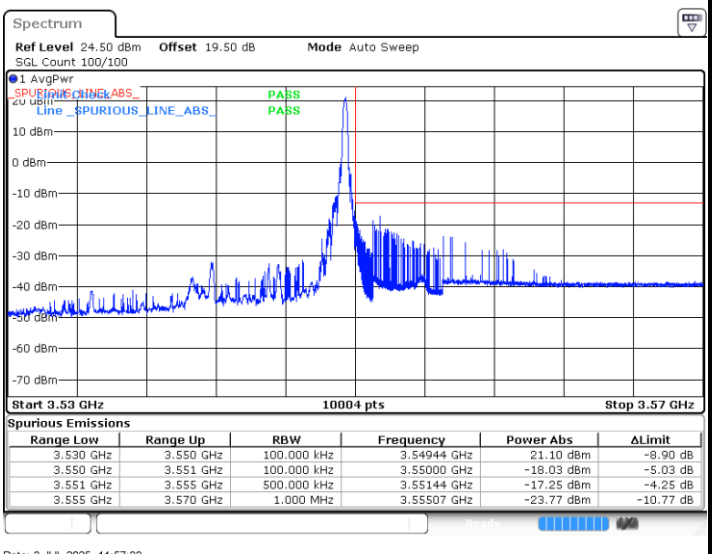


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44494 GHz	-24.60 dBm	-11.60 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44890 GHz	-17.56 dBm	-4.56 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.45000 GHz	-16.30 dBm	-3.30 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45056 GHz	20.59 dBm	-9.41 dB

Date: 3.JUL.2025 11:48:48

Highest Band Edge / 1 RB

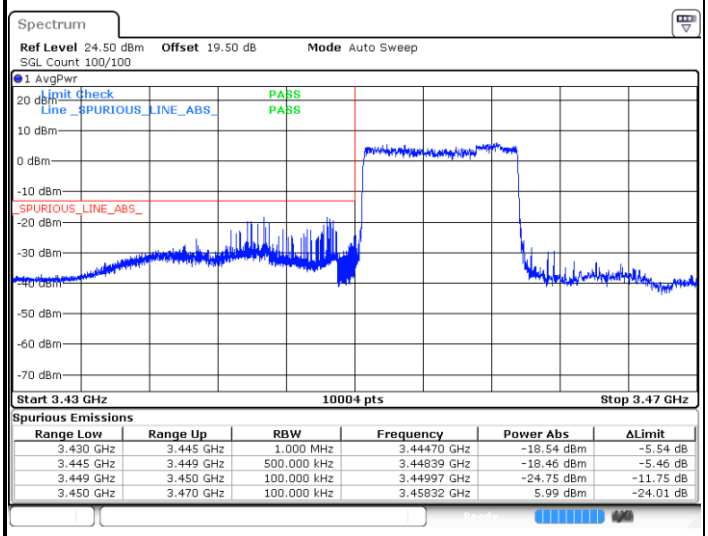


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54944 GHz	21.10 dBm	-8.90 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55000 GHz	-18.03 dBm	-5.03 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55144 GHz	-17.25 dBm	-4.25 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55507 GHz	-23.77 dBm	-10.77 dB

Date: 3.JUL.2025 11:57:33

Lowest Band Edge / Full RB

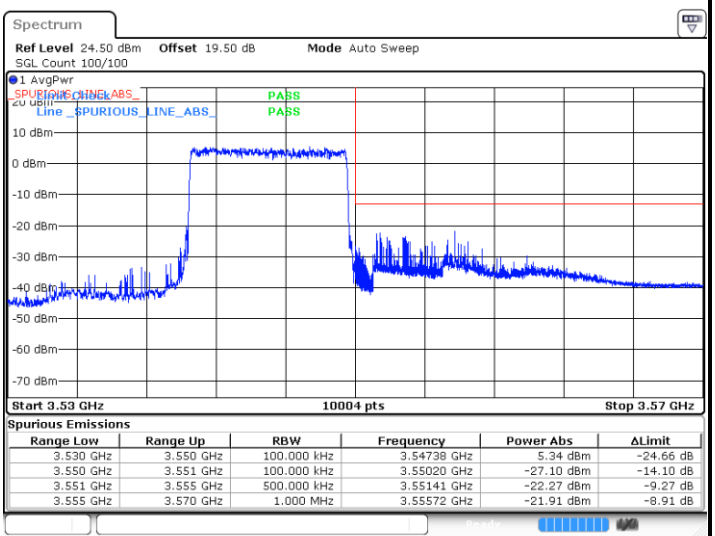


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44470 GHz	-18.54 dBm	-5.54 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44839 GHz	-18.46 dBm	-5.46 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44997 GHz	-24.75 dBm	-11.75 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45832 GHz	5.99 dBm	-24.01 dB

Date: 3.JUL.2025 11:50:51

Highest Band Edge / Full RB



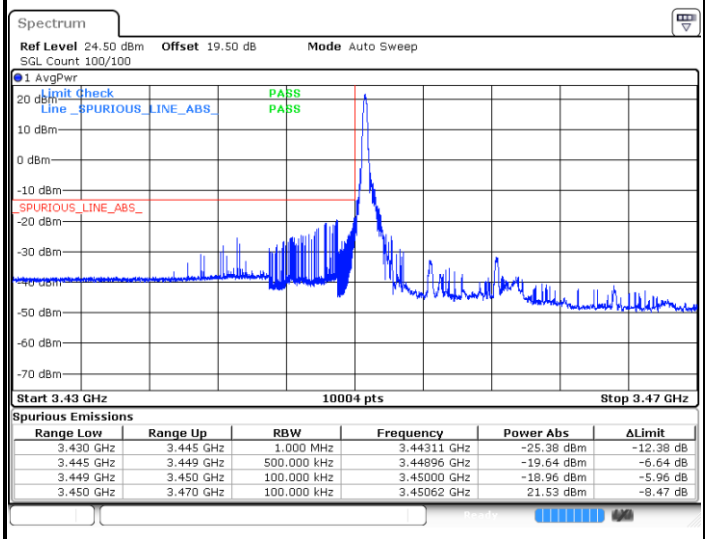
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54738 GHz	5.34 dBm	-24.66 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55020 GHz	-27.10 dBm	-14.10 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55141 GHz	-22.27 dBm	-9.27 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55572 GHz	-21.91 dBm	-8.91 dB

Date: 3.JUL.2025 11:59:33

LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1RB

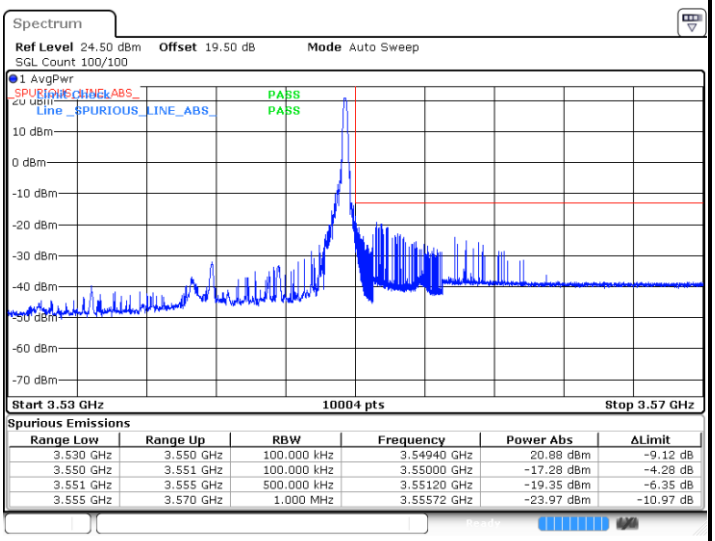


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44311 GHz	-25.38 dBm	-12.38 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44896 GHz	-19.64 dBm	-6.64 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.45000 GHz	-18.96 dBm	-5.96 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45062 GHz	21.53 dBm	-8.47 dB

Date: 3.JUL.2025 11:49:31

Highest Band Edge / 1 RB

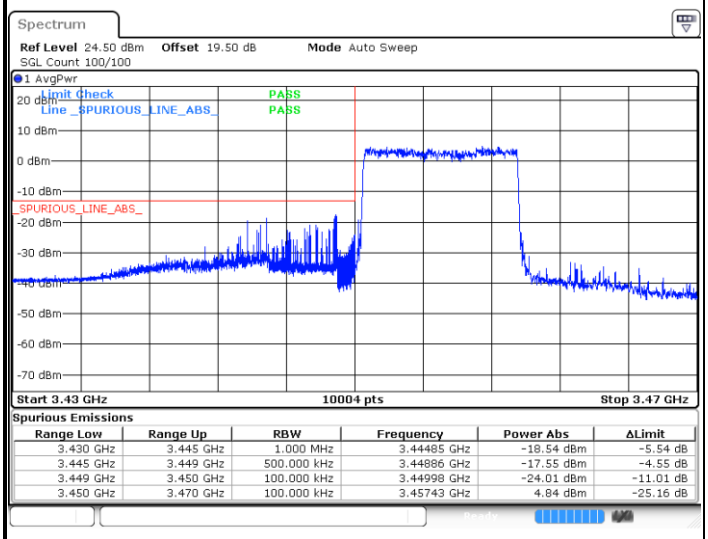


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54940 GHz	20.88 dBm	-9.12 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55000 GHz	-17.28 dBm	-4.28 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55120 GHz	-19.35 dBm	-6.35 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55572 GHz	-23.97 dBm	-10.97 dB

Date: 3.JUL.2025 11:58:13

Lowest Band Edge / Full RB

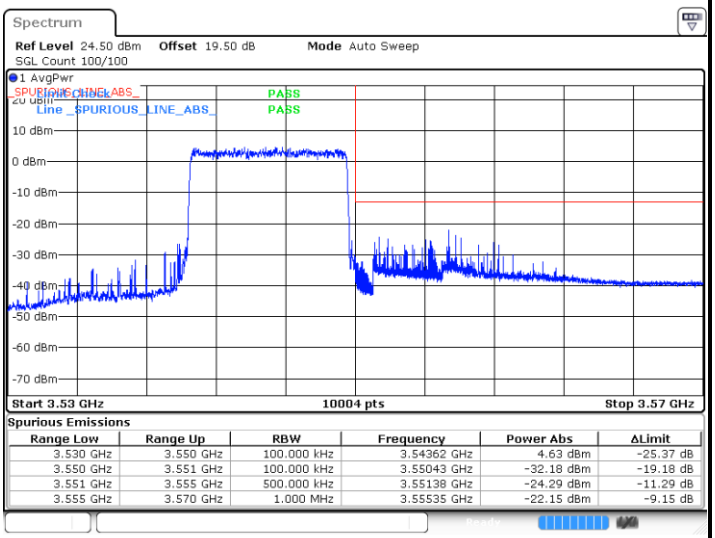


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44485 GHz	-18.54 dBm	-5.54 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44886 GHz	-17.55 dBm	-4.55 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44998 GHz	-24.01 dBm	-11.01 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45743 GHz	4.84 dBm	-25.16 dB

Date: 3.JUL.2025 11:51:32

Highest Band Edge / Full RB



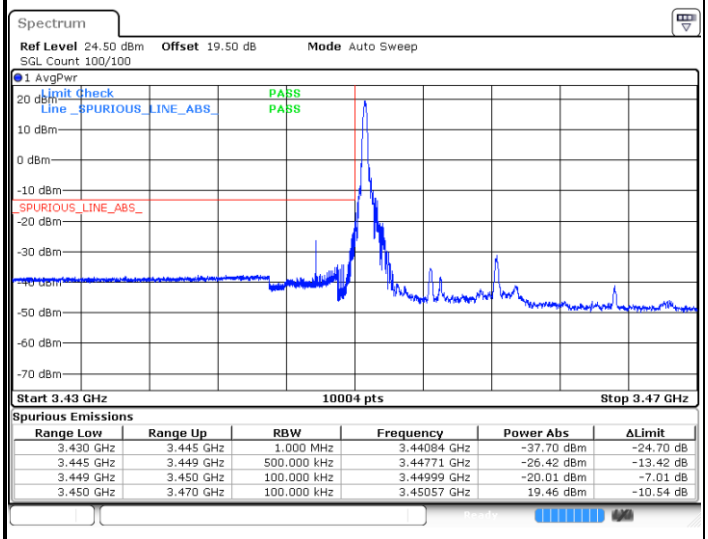
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54362 GHz	4.63 dBm	-25.37 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55043 GHz	-32.18 dBm	-19.18 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55138 GHz	-24.29 dBm	-11.29 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55535 GHz	-22.15 dBm	-9.15 dB

Date: 3.JUL.2025 12:00:13

LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1RB

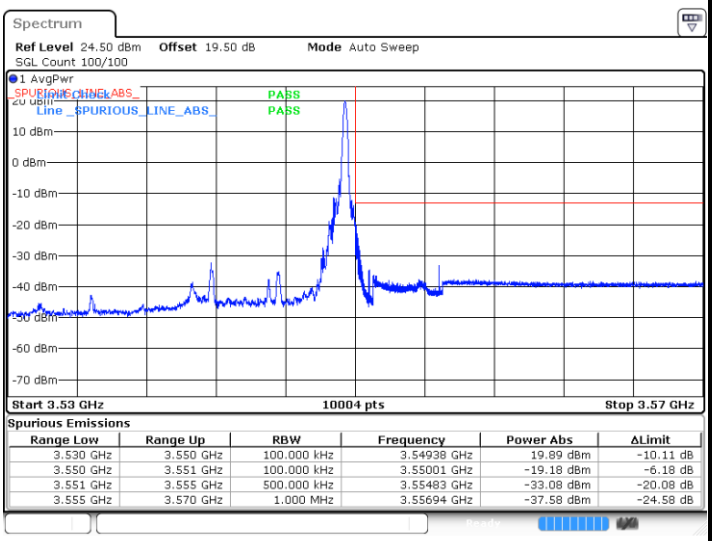


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44084 GHz	-37.70 dBm	-24.70 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44771 GHz	-26.42 dBm	-13.42 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44999 GHz	-20.01 dBm	-7.01 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45057 GHz	19.46 dBm	-10.54 dB

Date: 3.JUL.2025 11:50:11

Highest Band Edge / 1 RB

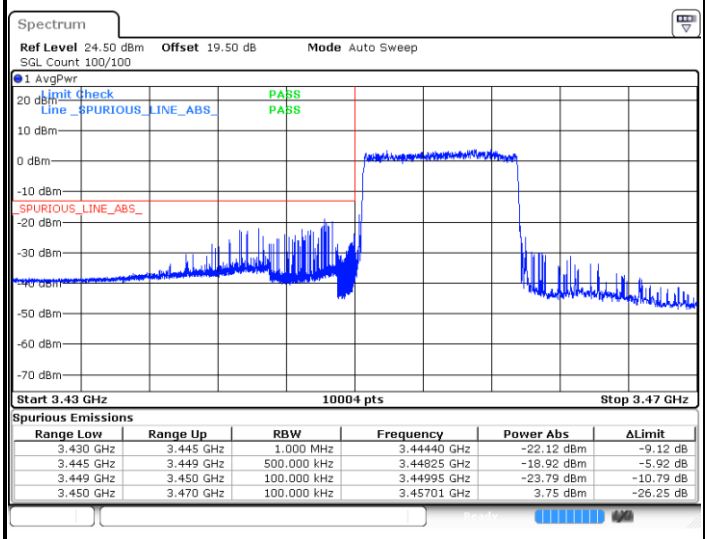


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54938 GHz	19.89 dBm	-10.11 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55001 GHz	-19.18 dBm	-6.18 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55483 GHz	-33.08 dBm	-20.08 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55694 GHz	-37.58 dBm	-24.58 dB

Date: 3.JUL.2025 11:58:53

Lowest Band Edge / Full RB

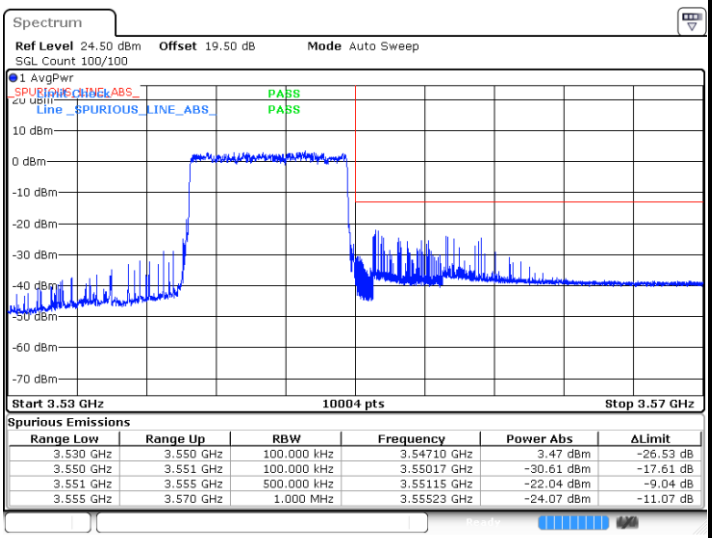


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44440 GHz	-22.12 dBm	-9.12 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44825 GHz	-18.92 dBm	-5.92 dB
3.449 GHz	3.450 GHz	100.000 kHz	3.44995 GHz	-23.79 dBm	-10.79 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45701 GHz	3.75 dBm	-26.25 dB

Date: 3.JUL.2025 11:52:12

Highest Band Edge / Full RB



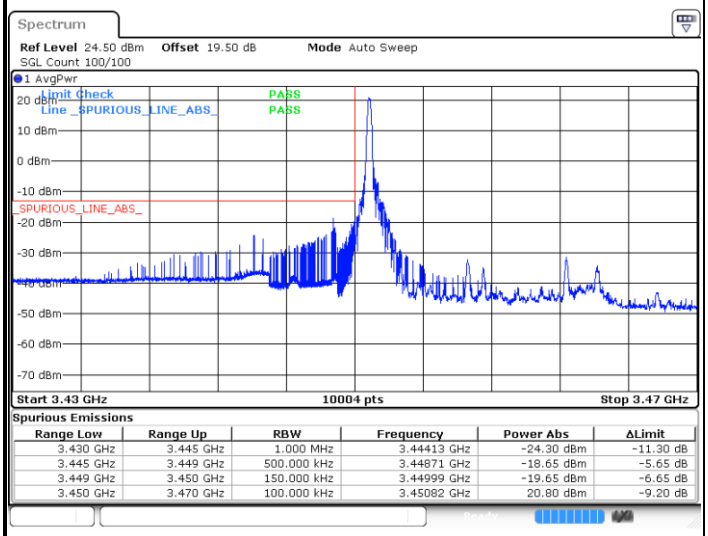
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54710 GHz	3.47 dBm	-26.53 dB
3.550 GHz	3.551 GHz	100.000 kHz	3.55017 GHz	-30.61 dBm	-17.61 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55115 GHz	-22.04 dBm	-9.04 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55523 GHz	-24.07 dBm	-11.07 dB

Date: 3.JUL.2025 12:00:53

LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB

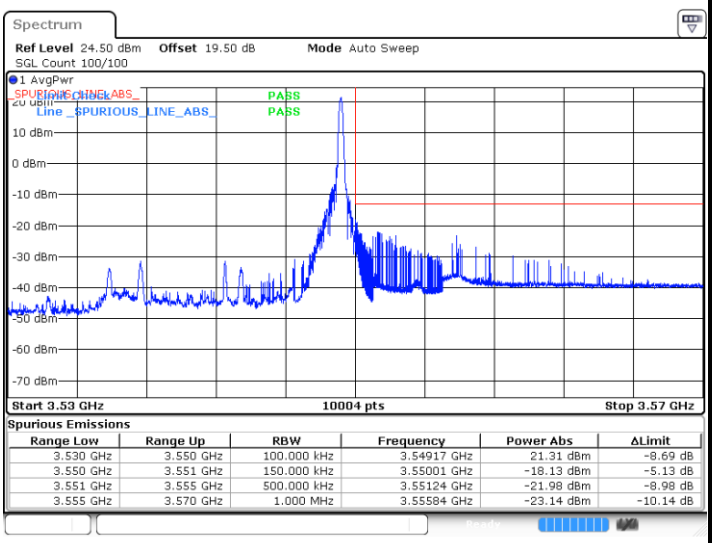


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44413 GHz	-24.30 dBm	-11.30 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44871 GHz	-18.65 dBm	-5.65 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.44999 GHz	-19.65 dBm	-6.65 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45082 GHz	20.80 dBm	-9.20 dB

Date: 3.JUL.2025 12:17:47

Highest Band Edge / 1 RB

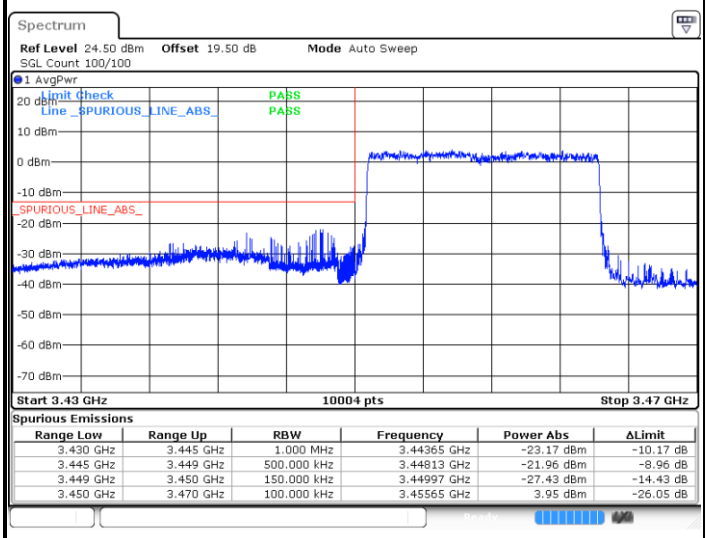


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54917 GHz	21.31 dBm	-8.69 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55001 GHz	-18.13 dBm	-5.13 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55124 GHz	-21.98 dBm	-8.98 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55584 GHz	-23.14 dBm	-10.14 dB

Date: 3.JUL.2025 12:25:44

Lowest Band Edge / Full RB

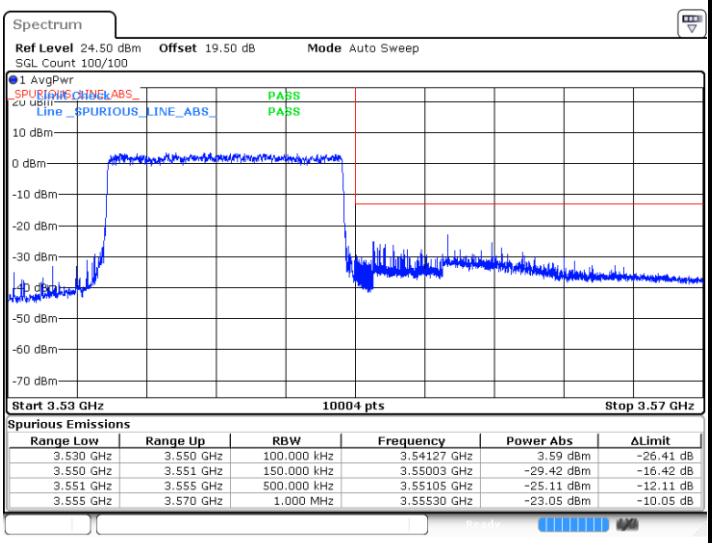


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44365 GHz	-23.17 dBm	-10.17 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44813 GHz	-21.96 dBm	-8.96 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.44997 GHz	-27.43 dBm	-14.43 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45565 GHz	3.95 dBm	-26.05 dB

Date: 3.JUL.2025 12:19:48

Highest Band Edge / Full RB



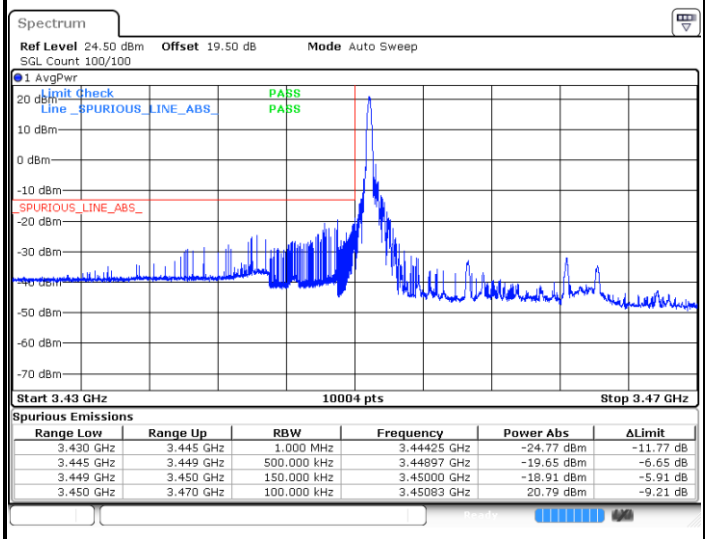
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54127 GHz	3.59 dBm	-26.41 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55003 GHz	-29.42 dBm	-16.42 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55105 GHz	-25.11 dBm	-12.11 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55530 GHz	-23.05 dBm	-10.05 dB

Date: 3.JUL.2025 12:27:45

LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1RB

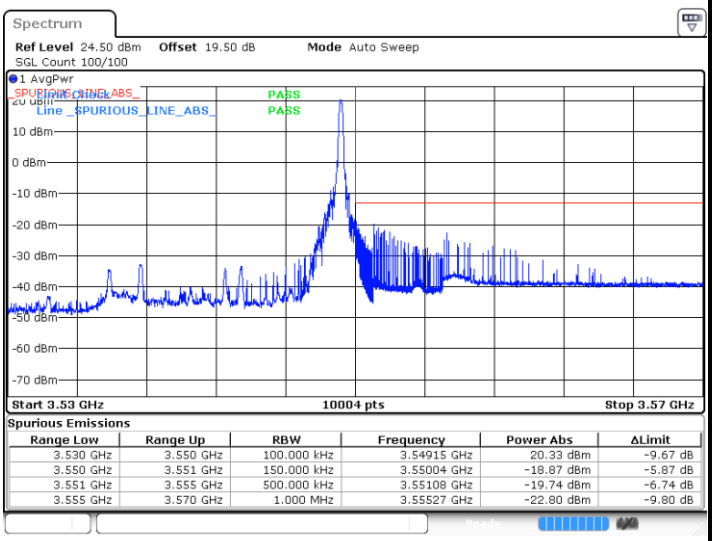


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44425 GHz	-24.77 dBm	-11.77 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44897 GHz	-19.65 dBm	-6.65 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.45000 GHz	-18.91 dBm	-5.91 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45083 GHz	20.79 dBm	-9.21 dB

Date: 3.JUL.2025 12:18:27

Highest Band Edge / 1 RB

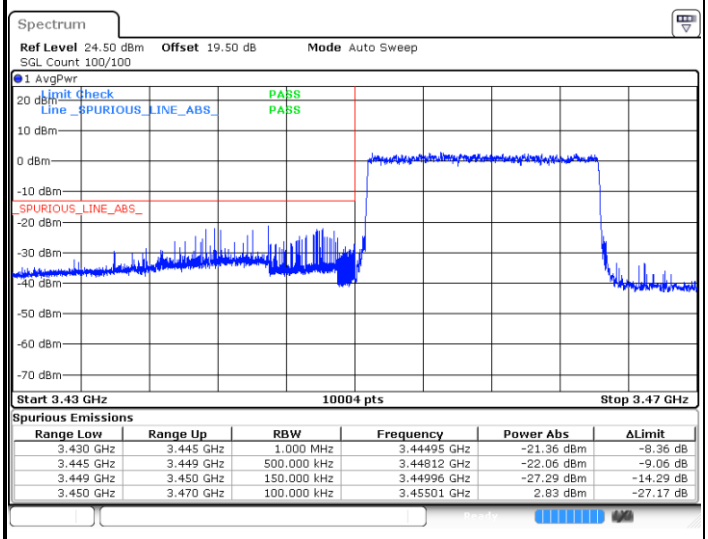


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54915 GHz	20.33 dBm	-9.67 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55004 GHz	-18.87 dBm	-5.87 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55108 GHz	-19.74 dBm	-6.74 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55527 GHz	-22.80 dBm	-9.80 dB

Date: 3.JUL.2025 12:26:25

Lowest Band Edge / Full RB

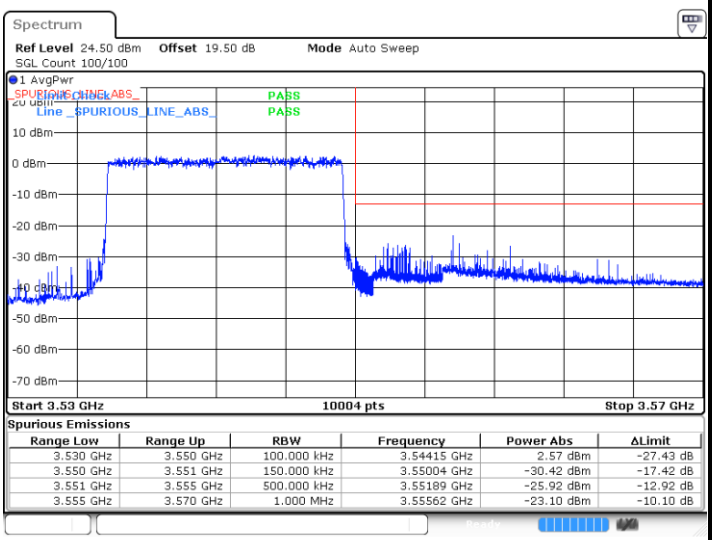


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44495 GHz	-21.36 dBm	-8.36 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44812 GHz	-22.06 dBm	-9.06 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.44996 GHz	-27.29 dBm	-14.29 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45501 GHz	2.83 dBm	-27.17 dB

Date: 3.JUL.2025 12:20:28

Highest Band Edge / Full RB



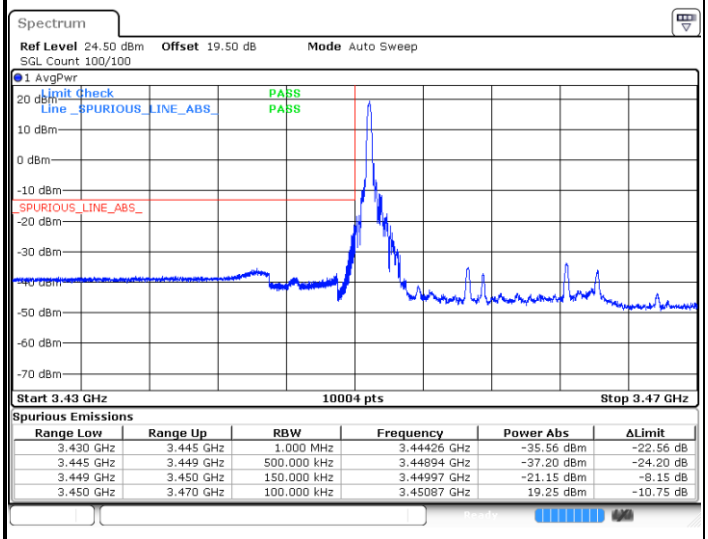
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54415 GHz	2.57 dBm	-27.43 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55004 GHz	-30.42 dBm	-17.42 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55189 GHz	-25.92 dBm	-12.92 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55562 GHz	-23.10 dBm	-10.10 dB

Date: 3.JUL.2025 12:28:25

LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1RB

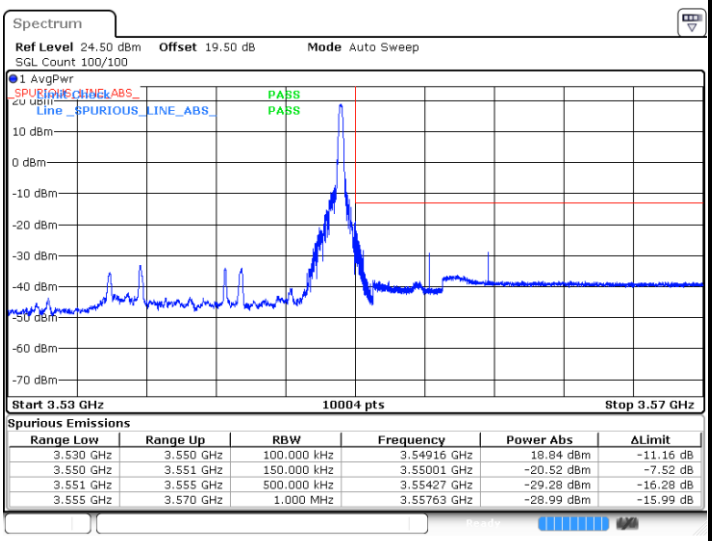


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44426 GHz	-35.56 dBm	-22.56 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44894 GHz	-37.20 dBm	-24.20 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.44997 GHz	-21.15 dBm	-8.15 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45087 GHz	19.25 dBm	-10.75 dB

Date: 3.JUL.2025 12:19:07

Highest Band Edge / 1 RB

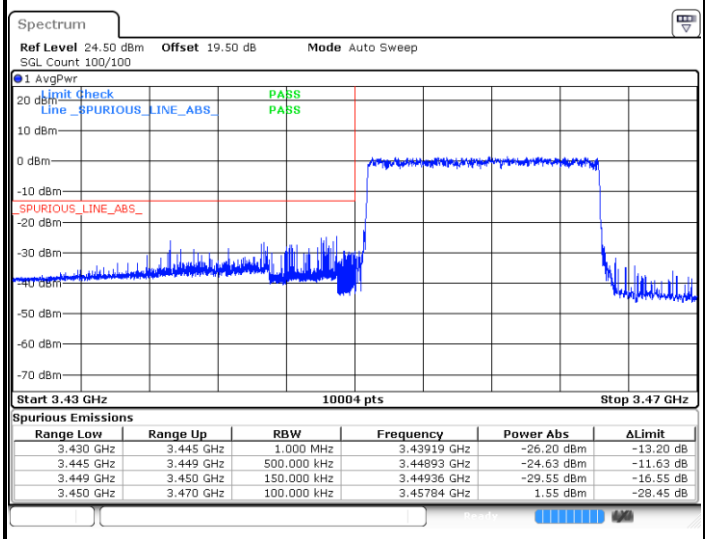


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54916 GHz	18.84 dBm	-11.16 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55001 GHz	-20.52 dBm	-7.52 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55427 GHz	-29.28 dBm	-16.28 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55763 GHz	-28.99 dBm	-15.99 dB

Date: 3.JUL.2025 12:27:05

Lowest Band Edge / Full RB

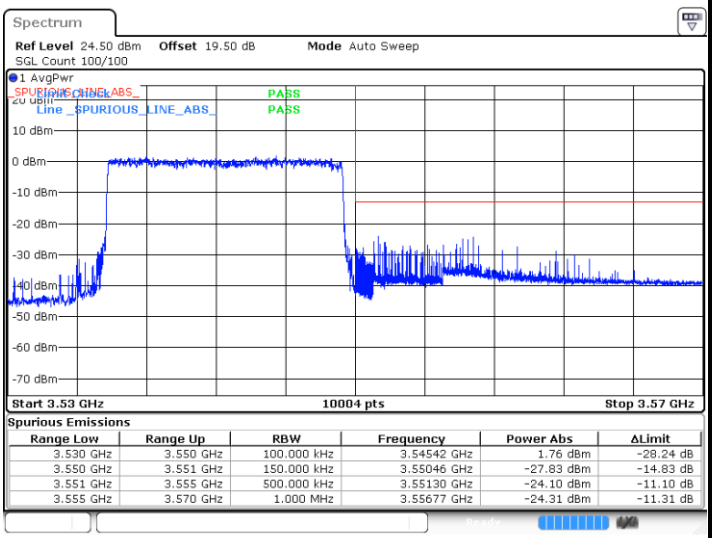


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.43919 GHz	-26.20 dBm	-13.20 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44893 GHz	-24.63 dBm	-11.63 dB
3.449 GHz	3.450 GHz	150.000 kHz	3.44936 GHz	-29.55 dBm	-16.55 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45784 GHz	1.55 dBm	-28.45 dB

Date: 3.JUL.2025 12:21:08

Highest Band Edge / Full RB



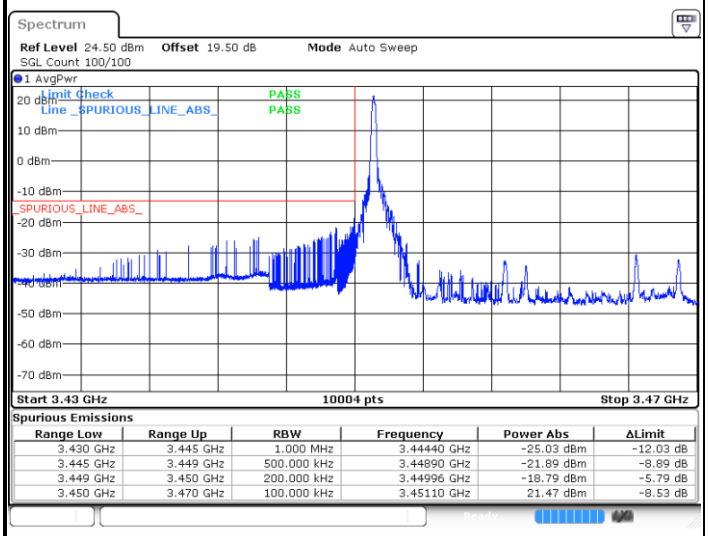
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54542 GHz	1.76 dBm	-28.24 dB
3.550 GHz	3.551 GHz	150.000 kHz	3.55046 GHz	-27.83 dBm	-14.83 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55130 GHz	-24.10 dBm	-11.10 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55677 GHz	-24.31 dBm	-11.31 dB

Date: 3.JUL.2025 12:29:05

LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / 1 RB

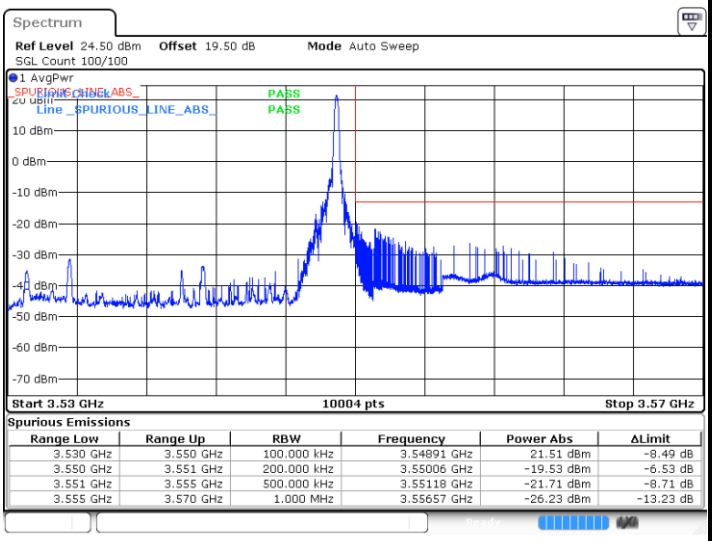


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44440 GHz	-25.03 dBm	-12.03 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44890 GHz	-21.89 dBm	-8.89 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44996 GHz	-18.79 dBm	-5.79 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45110 GHz	21.47 dBm	-8.53 dB

Date: 3.JUL.2025 12:37:39

Highest Band Edge / 1 RB

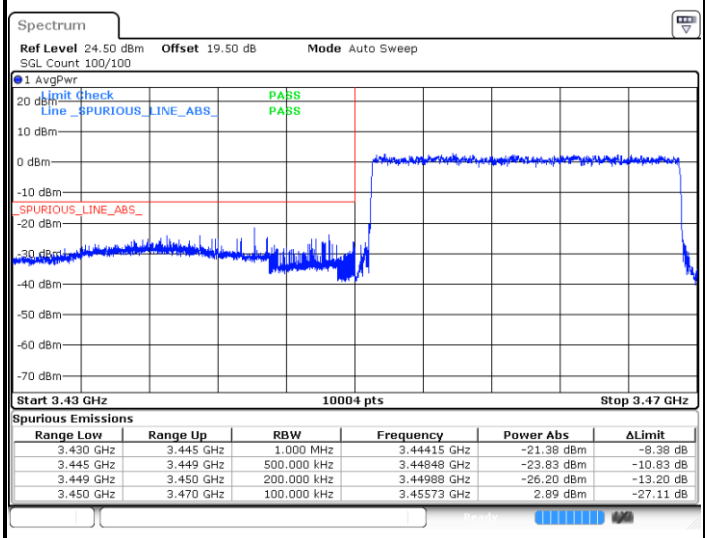


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54891 GHz	21.51 dBm	-8.49 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55006 GHz	-19.53 dBm	-6.53 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55118 GHz	-21.71 dBm	-8.71 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55657 GHz	-26.23 dBm	-13.23 dB

Date: 3.JUL.2025 12:46:56

Lowest Band Edge / Full RB

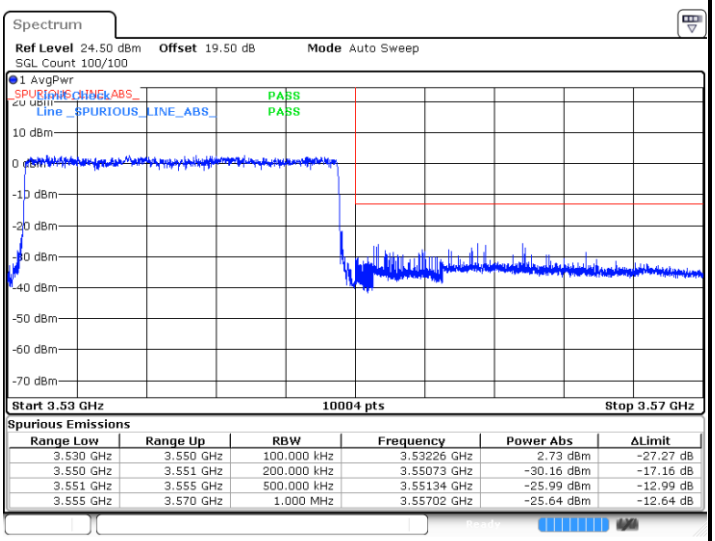


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44415 GHz	-21.38 dBm	-8.38 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44848 GHz	-23.83 dBm	-10.83 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44988 GHz	-26.20 dBm	-13.20 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45573 GHz	2.89 dBm	-27.11 dB

Date: 3.JUL.2025 12:39:39

Highest Band Edge / Full RB



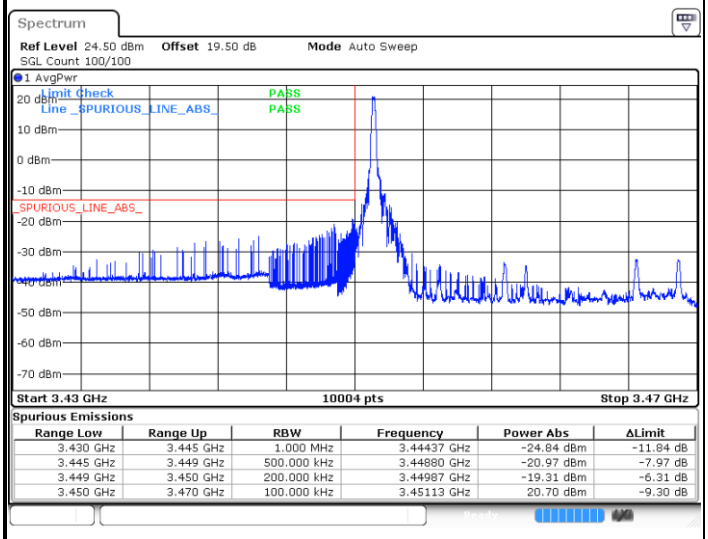
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.53226 GHz	2.73 dBm	-27.27 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55073 GHz	-30.16 dBm	-17.16 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55134 GHz	-25.99 dBm	-12.99 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55702 GHz	-25.64 dBm	-12.64 dB

Date: 3.JUL.2025 12:48:56

LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1RB

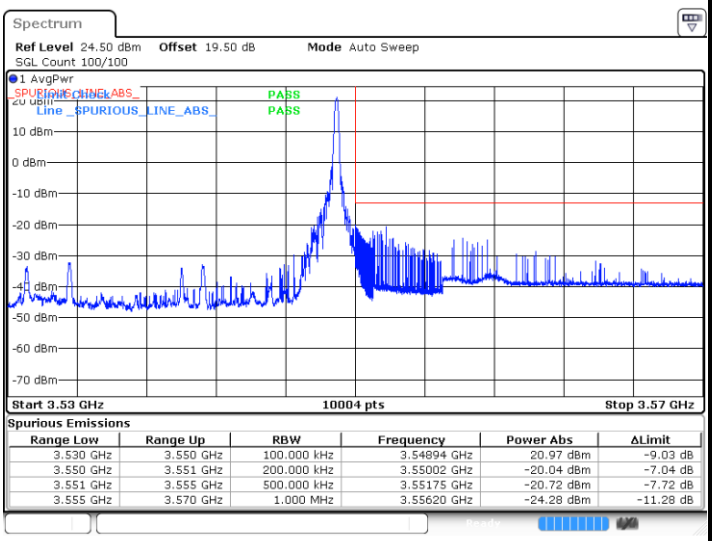


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44437 GHz	-24.84 dBm	-11.84 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44880 GHz	-20.97 dBm	-7.97 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44987 GHz	-19.31 dBm	-6.31 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45113 GHz	20.70 dBm	-9.30 dB

Date: 3.JUL.2025 12:38:19

Highest Band Edge / 1 RB

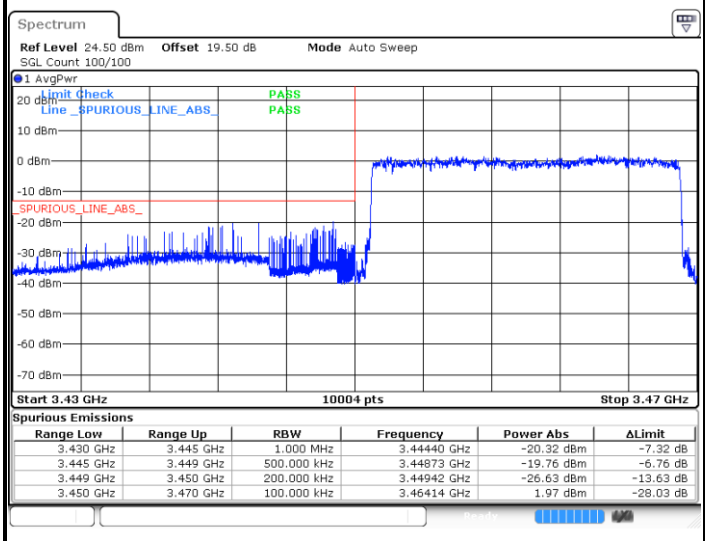


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54894 GHz	20.97 dBm	-9.03 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55002 GHz	-20.04 dBm	-7.04 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55175 GHz	-20.72 dBm	-7.72 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55620 GHz	-24.28 dBm	-11.28 dB

Date: 3.JUL.2025 12:47:36

Lowest Band Edge / Full RB

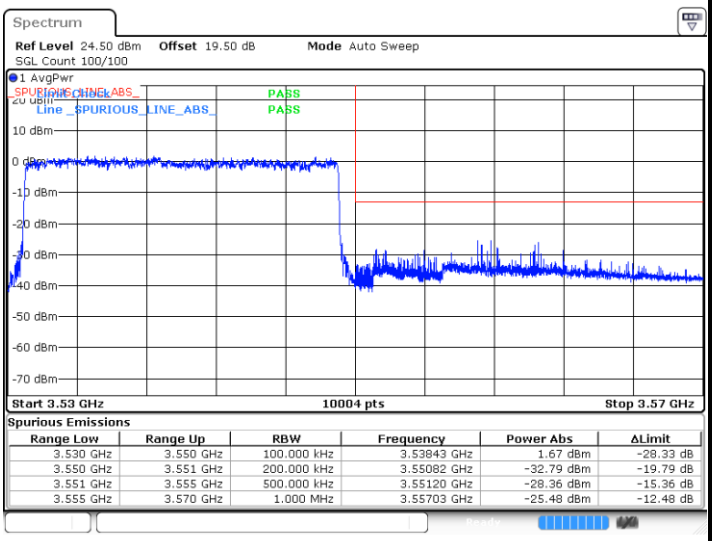


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44440 GHz	-20.32 dBm	-7.32 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44873 GHz	-19.76 dBm	-6.76 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44942 GHz	-26.63 dBm	-13.63 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.46414 GHz	1.97 dBm	-28.03 dB

Date: 3.JUL.2025 12:40:19

Highest Band Edge / Full RB



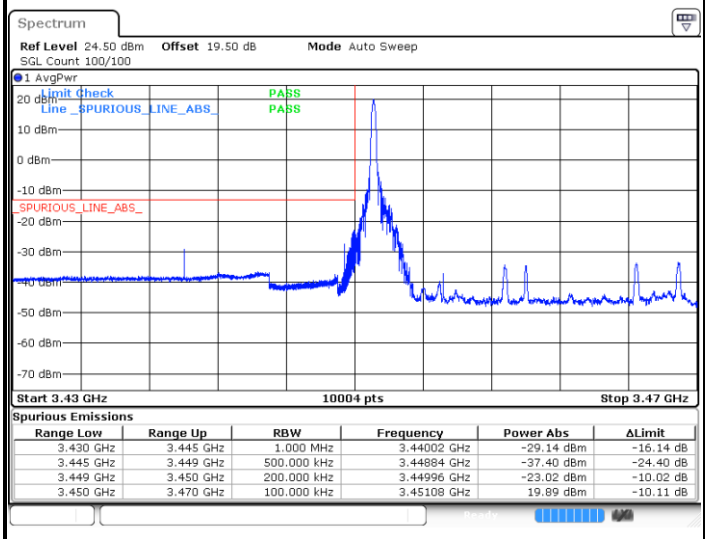
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.53843 GHz	1.67 dBm	-28.33 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55082 GHz	-32.79 dBm	-19.79 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55120 GHz	-28.36 dBm	-15.36 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55703 GHz	-25.48 dBm	-12.48 dB

Date: 3.JUL.2025 12:49:36

LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1RB

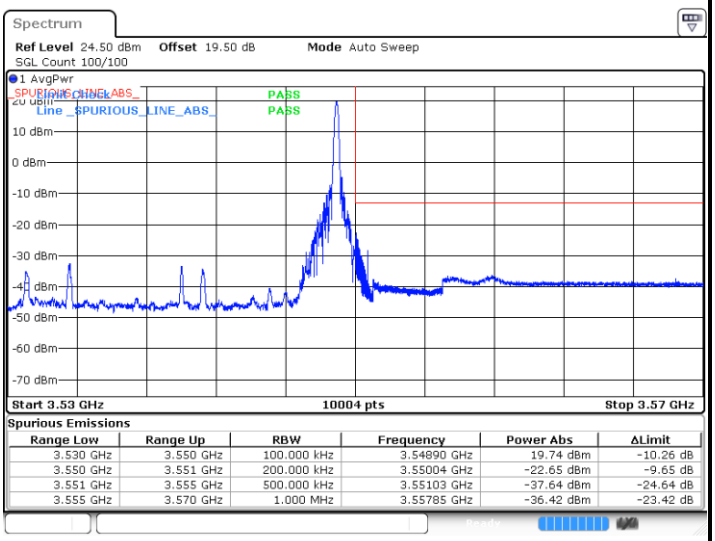


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44002 GHz	-29.14 dBm	-16.14 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44884 GHz	-37.40 dBm	-24.40 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44996 GHz	-23.02 dBm	-10.02 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45108 GHz	19.89 dBm	-10.11 dB

Date: 3.JUL.2025 12:38:59

Highest Band Edge / 1 RB

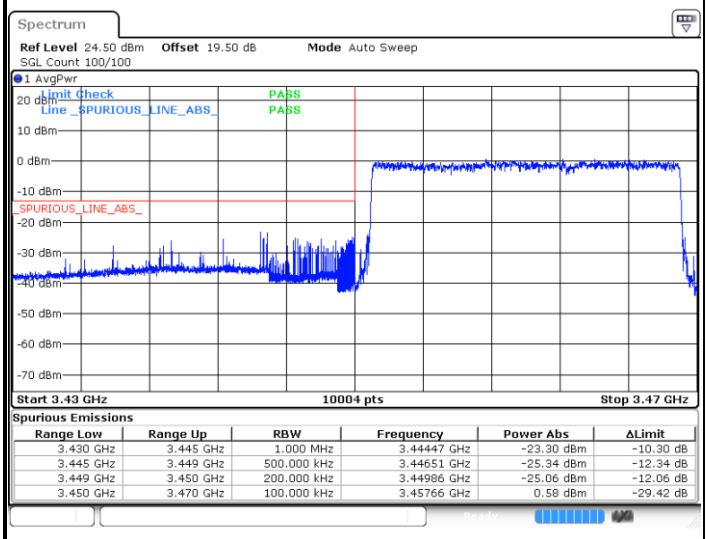


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54890 GHz	19.74 dBm	-10.26 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55004 GHz	-22.65 dBm	-9.65 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55103 GHz	-37.64 dBm	-24.64 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55785 GHz	-36.42 dBm	-23.42 dB

Date: 3.JUL.2025 12:48:16

Lowest Band Edge / Full RB

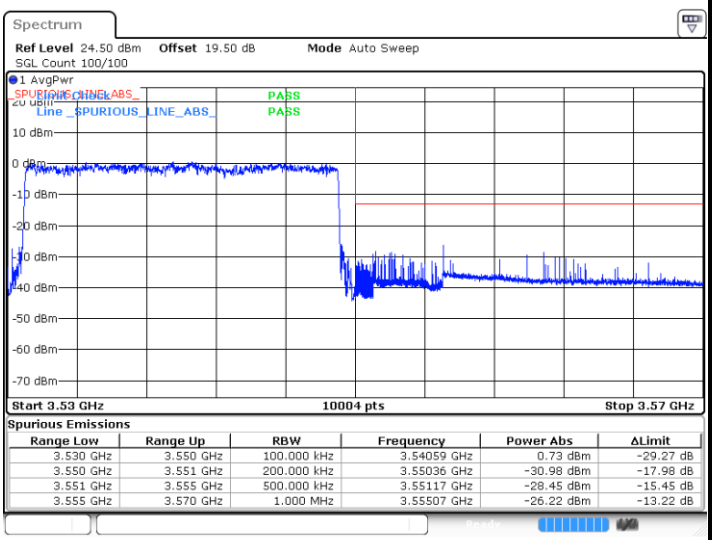


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.430 GHz	3.445 GHz	1.000 MHz	3.44447 GHz	-23.30 dBm	-10.30 dB
3.445 GHz	3.449 GHz	500.000 kHz	3.44651 GHz	-25.34 dBm	-12.34 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44986 GHz	-25.06 dBm	-12.06 dB
3.450 GHz	3.470 GHz	100.000 kHz	3.45766 GHz	0.58 dBm	-29.42 dB

Date: 3.JUL.2025 12:41:00

Highest Band Edge / Full RB



Spurious Emissions

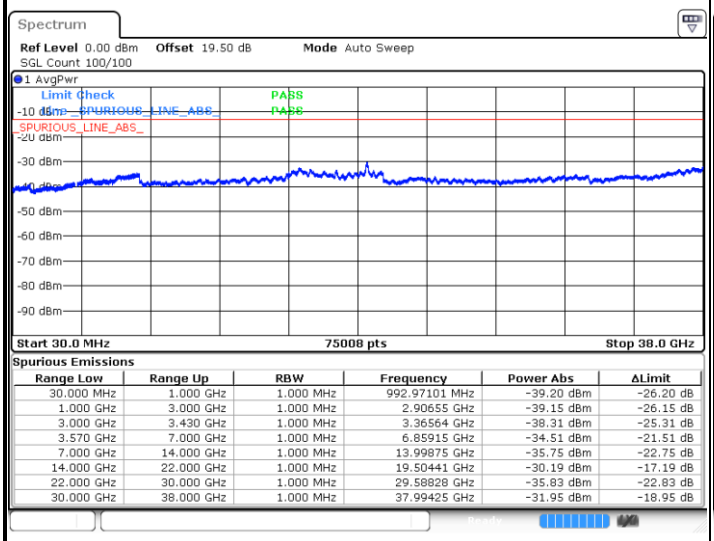
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.550 GHz	100.000 kHz	3.54059 GHz	0.73 dBm	-29.27 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55036 GHz	-30.98 dBm	-17.98 dB
3.551 GHz	3.555 GHz	500.000 kHz	3.55117 GHz	-28.45 dBm	-15.45 dB
3.555 GHz	3.570 GHz	1.000 MHz	3.55507 GHz	-26.22 dBm	-13.22 dB

Date: 3.JUL.2025 12:50:16

Conducted Spurious Emission

LTE Band 42 / 5MHz

Lowest Channel / QPSK

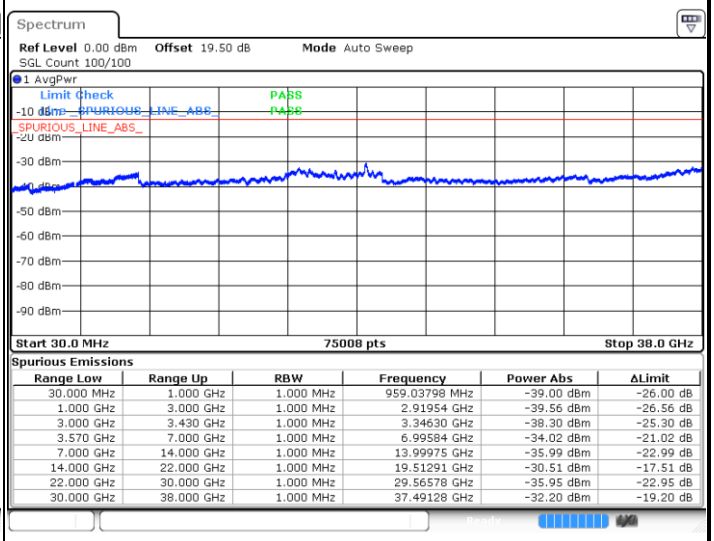


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-39.20 dBm	-26.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.90655 GHz	-39.15 dBm	-26.15 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.36564 GHz	-38.31 dBm	-25.31 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.85915 GHz	-34.51 dBm	-21.51 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99875 GHz	-35.75 dBm	-22.75 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.50441 GHz	-30.19 dBm	-17.19 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.58828 GHz	-35.83 dBm	-22.83 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99425 GHz	-31.95 dBm	-18.95 dB

Date: 3.JUL.2025 11:33:26

Middle Channel / QPSK

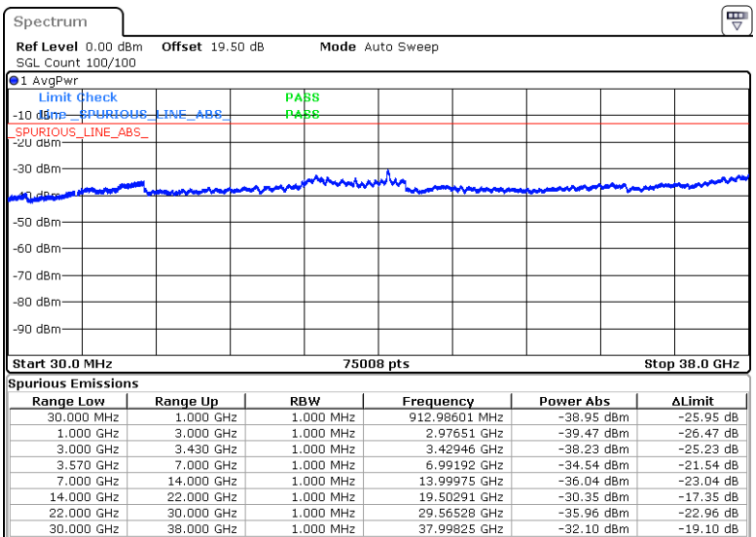


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-39.00 dBm	-26.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.91954 GHz	-39.56 dBm	-26.56 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.34630 GHz	-38.30 dBm	-25.30 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.99584 GHz	-34.02 dBm	-21.02 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99975 GHz	-35.99 dBm	-22.99 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.51291 GHz	-30.51 dBm	-17.51 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.56578 GHz	-35.95 dBm	-22.95 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.49128 GHz	-32.20 dBm	-19.20 dB

Date: 3.JUL.2025 11:34:44

Highest Channel / QPSK



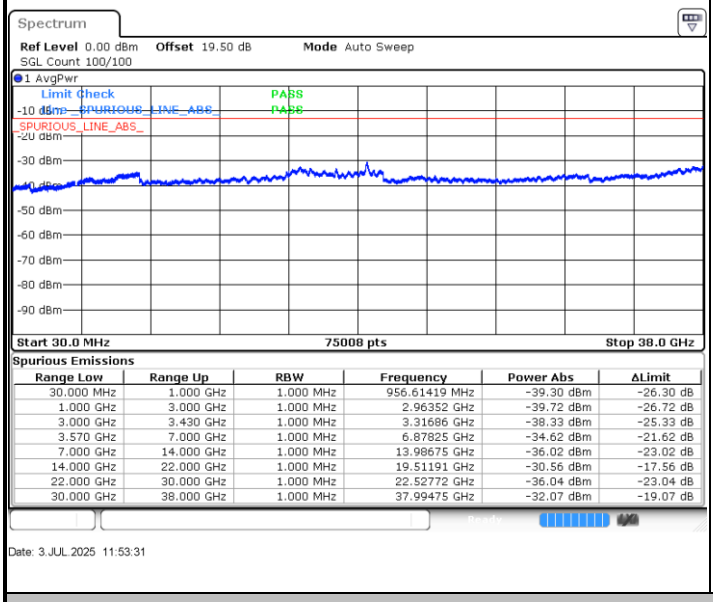
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-38.95 dBm	-25.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97651 GHz	-39.47 dBm	-26.47 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.42946 GHz	-38.23 dBm	-25.23 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.99192 GHz	-34.54 dBm	-21.54 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99975 GHz	-36.04 dBm	-23.04 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.50291 GHz	-30.35 dBm	-17.35 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.56528 GHz	-35.96 dBm	-22.96 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99825 GHz	-32.10 dBm	-19.10 dB

Date: 3.JUL.2025 11:41:22

LTE Band 42 / 10MHz

Lowest Channel / QPSK

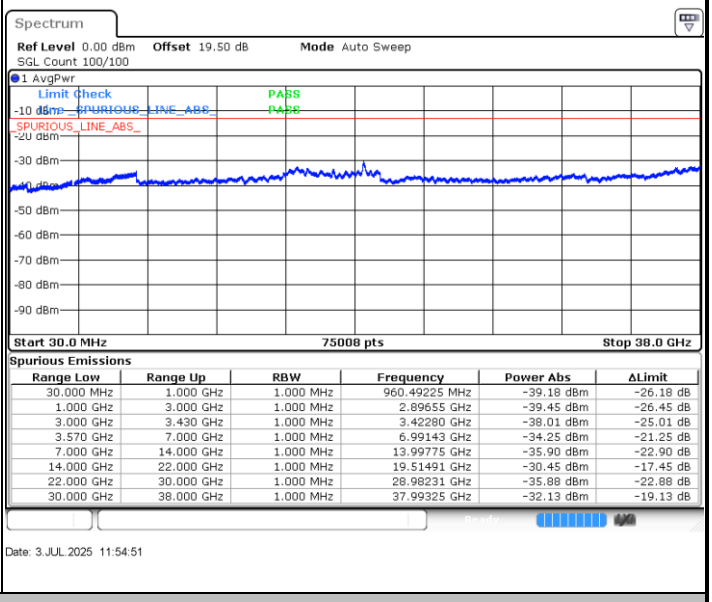


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-39.30 dBm	-26.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96352 GHz	-39.72 dBm	-26.72 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.31686 GHz	-38.33 dBm	-25.33 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.87825 GHz	-34.62 dBm	-21.62 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98675 GHz	-36.02 dBm	-23.02 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.51191 GHz	-30.56 dBm	-17.56 dB
22.000 GHz	30.000 GHz	1.000 MHz	22.52772 GHz	-36.04 dBm	-23.04 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99475 GHz	-32.07 dBm	-19.07 dB

Date: 3.JUL.2025 11:53:31

Middle Channel / QPSK

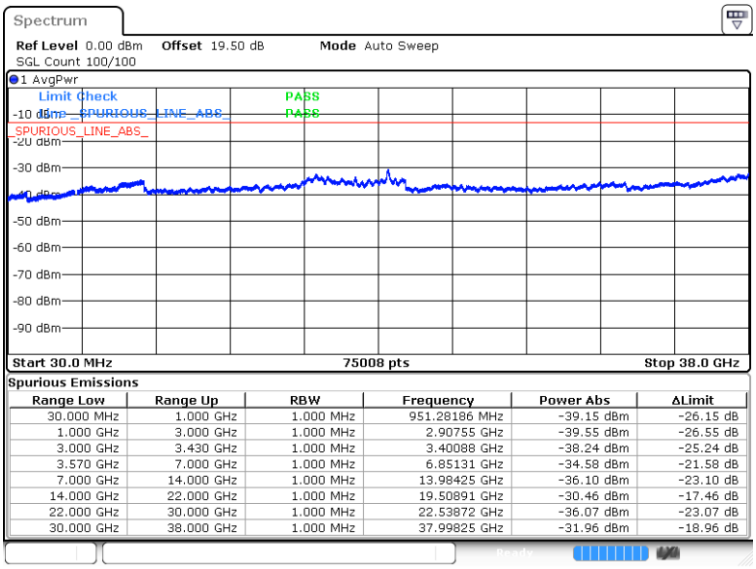


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.49225 MHz	-39.18 dBm	-26.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.89655 GHz	-39.45 dBm	-26.45 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.42280 GHz	-38.01 dBm	-25.01 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.99143 GHz	-34.25 dBm	-21.25 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99775 GHz	-35.90 dBm	-22.90 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.51491 GHz	-30.45 dBm	-17.45 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.98231 GHz	-35.88 dBm	-22.88 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99325 GHz	-32.13 dBm	-19.13 dB

Date: 3.JUL.2025 11:54:51

Highest Channel / QPSK



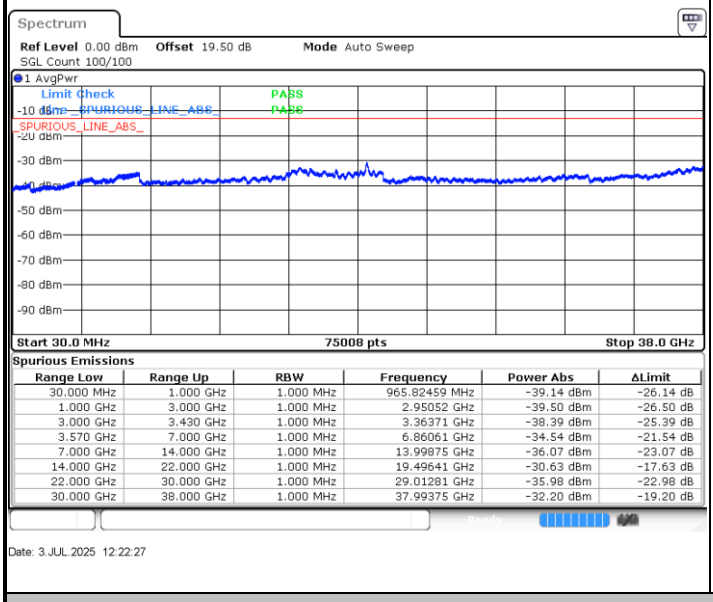
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-39.15 dBm	-26.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.90755 GHz	-39.55 dBm	-26.55 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.40088 GHz	-38.24 dBm	-25.24 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.85131 GHz	-34.58 dBm	-21.58 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.98425 GHz	-36.10 dBm	-23.10 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.50891 GHz	-30.46 dBm	-17.46 dB
22.000 GHz	30.000 GHz	1.000 MHz	22.53872 GHz	-36.07 dBm	-23.07 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99825 GHz	-31.96 dBm	-18.96 dB

Date: 3.JUL.2025 12:02:13

LTE Band 42 / 15MHz

Lowest Channel / QPSK

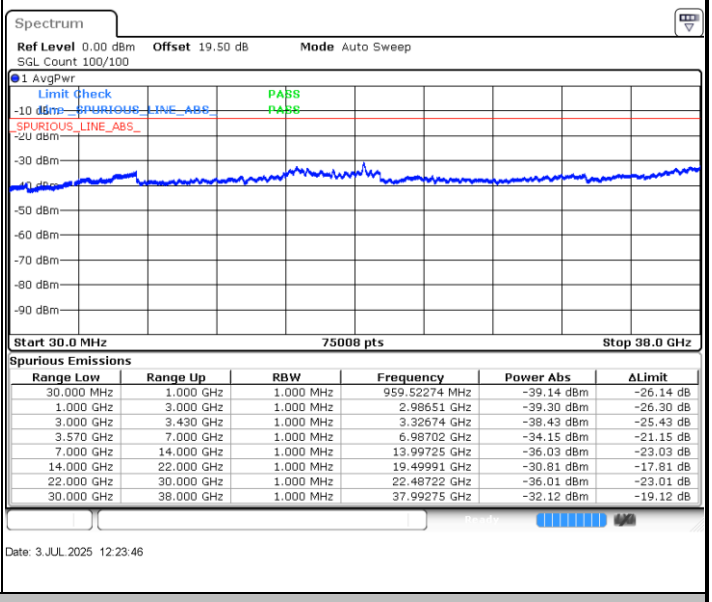


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-39.14 dBm	-26.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95052 GHz	-39.50 dBm	-26.50 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.36371 GHz	-38.39 dBm	-25.39 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.86061 GHz	-34.54 dBm	-21.54 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99875 GHz	-36.07 dBm	-23.07 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.49641 GHz	-30.63 dBm	-17.63 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.01281 GHz	-35.98 dBm	-22.98 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99375 GHz	-32.20 dBm	-19.20 dB

Date: 3.JUL.2025 12:22:27

Middle Channel / QPSK

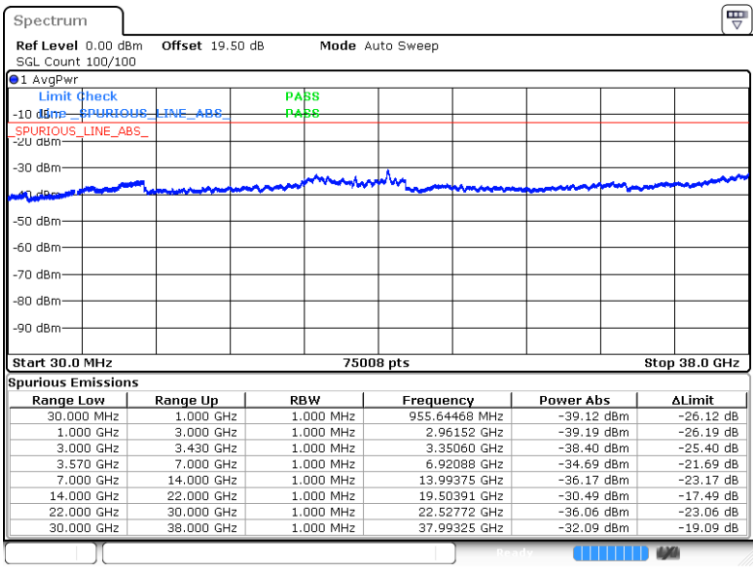


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.52274 MHz	-39.14 dBm	-26.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98651 GHz	-39.30 dBm	-26.30 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.32674 GHz	-38.43 dBm	-25.43 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.98702 GHz	-34.15 dBm	-21.15 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99725 GHz	-36.03 dBm	-23.03 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.49991 GHz	-30.81 dBm	-17.81 dB
22.000 GHz	30.000 GHz	1.000 MHz	22.48722 GHz	-36.01 dBm	-23.01 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99275 GHz	-32.12 dBm	-19.12 dB

Date: 3.JUL.2025 12:23:46

Highest Channel / QPSK



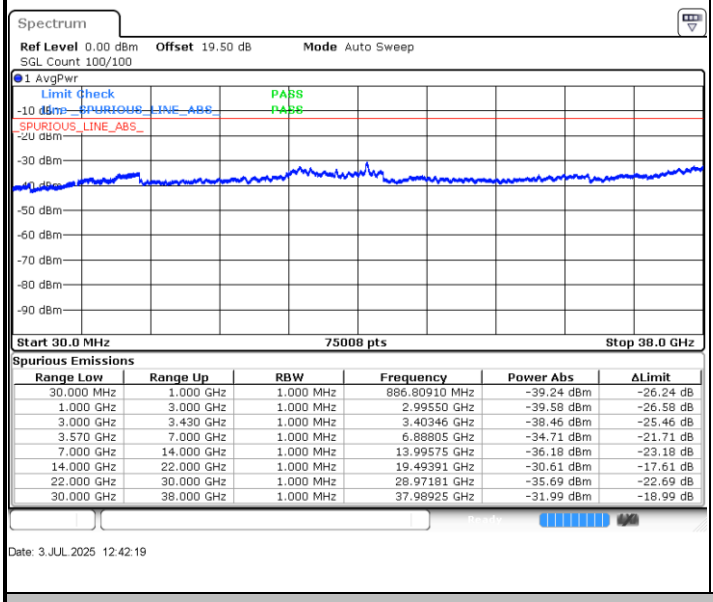
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-39.12 dBm	-26.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96152 GHz	-39.19 dBm	-26.19 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.35060 GHz	-38.40 dBm	-25.40 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.92088 GHz	-34.69 dBm	-21.69 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99375 GHz	-36.17 dBm	-23.17 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.50391 GHz	-30.49 dBm	-17.49 dB
22.000 GHz	30.000 GHz	1.000 MHz	22.52772 GHz	-36.06 dBm	-23.06 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99325 GHz	-32.09 dBm	-19.09 dB

Date: 3.JUL.2025 12:30:24

LTE Band 42 / 20MHz

Lowest Channel / QPSK

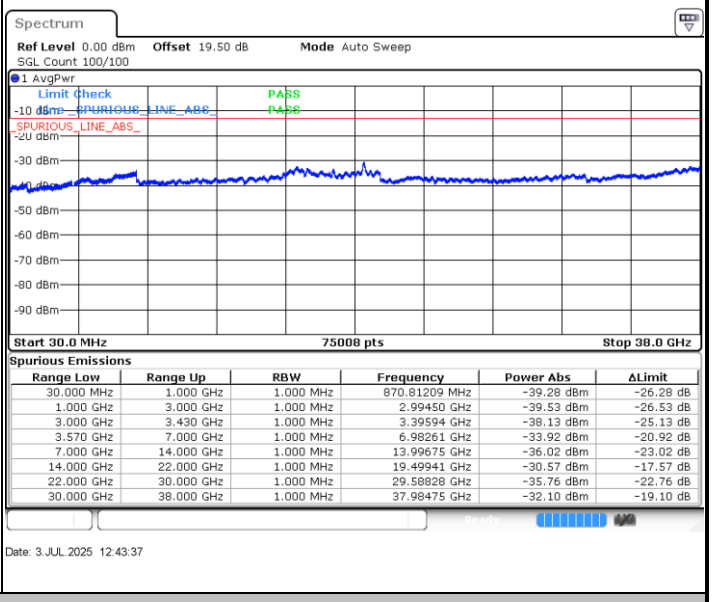


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	886.80910 MHz	-39.24 dBm	-26.24 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99550 GHz	-39.58 dBm	-26.58 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.40346 GHz	-38.46 dBm	-25.46 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.88805 GHz	-34.71 dBm	-21.71 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-36.18 dBm	-23.18 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.49391 GHz	-30.61 dBm	-17.61 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.97181 GHz	-35.69 dBm	-22.69 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.98925 GHz	-31.99 dBm	-18.99 dB

Date: 3.JUL.2025 12:42:19

Middle Channel / QPSK

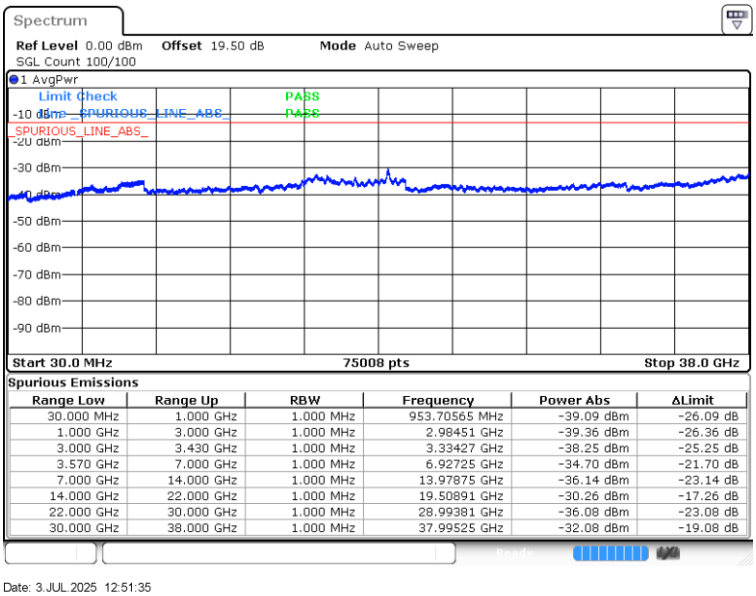


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	870.81209 MHz	-39.28 dBm	-26.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99450 GHz	-39.53 dBm	-26.53 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.39594 GHz	-38.13 dBm	-25.13 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.98261 GHz	-33.92 dBm	-20.92 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.99675 GHz	-36.02 dBm	-23.02 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.49941 GHz	-30.57 dBm	-17.57 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.58828 GHz	-35.76 dBm	-22.76 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.98475 GHz	-32.10 dBm	-19.10 dB

Date: 3.JUL.2025 12:43:37

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.70565 MHz	-39.09 dBm	-26.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98451 GHz	-39.36 dBm	-26.36 dB
3.000 GHz	3.430 GHz	1.000 MHz	3.33427 GHz	-38.25 dBm	-25.25 dB
3.570 GHz	7.000 GHz	1.000 MHz	6.92725 GHz	-34.70 dBm	-21.70 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.97875 GHz	-36.14 dBm	-23.14 dB
14.000 GHz	22.000 GHz	1.000 MHz	19.50891 GHz	-30.26 dBm	-17.26 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.99381 GHz	-36.08 dBm	-23.08 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.99525 GHz	-32.08 dBm	-19.08 dB

Date: 3.JUL.2025 12:51:35

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (△f) (Hz)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK / Ant. 4									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6982.00	-57.50	-13	-44.50	-48.98	-60.80	8.30	11.60	H
	10473.00	-52.88	-13	-39.88	-51.03	-54.40	10.48	12.00	H
	13964.00	-51.74	-13	-38.74	-52.17	-53.44	11.80	13.50	H
	6982.00	-57.43	-13	-44.43	-49.12	-60.73	8.30	11.60	V
	10473.00	-53.88	-13	-40.88	-51.23	-55.40	10.48	12.00	V
	13964.00	-50.80	-13	-37.80	-51.91	-52.50	11.80	13.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.