



FCC RF Test Report

APPLICANT : Xiaomi Communications Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : Redmi
MODEL NAME : 25062RN2DL
FCC ID : 2AFZZRN2DL
STANDARD : 47 CFR Part 27(F), 27(M)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Apr. 24, 2025 ~ Apr. 25, 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.



Approved by: Fly Liang

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG542103C	Rev. 01	Initial issue of report	May 20, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§27.50(b)(10)	Effective Radiated Power (Band 13)	ERP < 3 Watt	PASS	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 7) (Band 38) (Band 41)	EIRP < 2Watt		-
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§2.1051 §27.53(c)(2)(4)	Conducted Band Edge Measurement (Band 13)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)	§27.53(m)(4)		
3.8	§2.1051 §27.53(c)(2)	Conducted Spurious Emission (Band 13)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		
3.9	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(c)(2) §27.53(f)	Radiated Spurious Emission (Band 13)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 20.81 dB at 1559.50 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])		

Conformity Assessment Condition:

- 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.
- 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	25062RN2DL
FCC ID	2AFZZRN2DL
IMEI Code	Conducted: 867451070065328 Radiation: 867491070069023/867451070069031
HW Version	13510O19A
SW Version	Xiaomi HyperOS 2.0
EUT Stage	Identical Prototype



1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 7 : 2500 MHz ~ 2570 MHz LTE Band 13 : 777 MHz ~ 787 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Rx Frequency	LTE Band 7 : 2620 MHz ~ 2690 MHz LTE Band 13 : 746 MHz ~ 756 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Bandwidth	LTE Band 7 : 5MHz/ 10MHz / 15MHz / 20MHz LTE Band 13 : 5MHz / 10MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	<ANT1>: LTE Band 7 : 24.27 dBm LTE Band 13 : 24.34 dBm LTE Band 38 : 24.12 dBm LTE Band 41 : 24.15 dBm <ANT4>: LTE Band 7 : 24.40 dBm LTE Band 13 : 24.24 dBm LTE Band 38 : 24.25 dBm LTE Band 41 : 24.30 dBm
Antenna Gain	<ANT1>: LTE Band 7 : -1.2 dBi LTE Band 13 : -4.1 dBi LTE Band 38 : -1.2 dBi LTE Band 41 : -1.2 dBi <ANT4>: LTE Band 7 : -1.2 dBi LTE Band 13 : -5.2 dBi LTE Band 38 : 1.2 dBi LTE Band 41 : 1.2 dBi
Type of Modulation	QPSK / 16QAM / 64QAM

Note: The maximum ERP/EIRP is calculated from max output power and max antenna gain, so only the maximum ERP/EIRP of Antenna 1 for LTE Band13 and Antenna 4 for LTE Band7/38/41 are shown in the report.

1.5 Modification of EUT

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



1.6 Maximum ERP/EIRP Power and Emission Designator

LTE Band 7		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2075	4M48G7D	0.1596	4M47W7D
10	2505.0 ~ 2565.0	0.2075	8M97G7D	0.1589	8M97W7D
15	2507.5 ~ 2562.5	0.2028	13M5G7D	0.1600	13M4W7D
20	2510.0 ~ 2560.0	0.2089	17M9G7D	0.1626	17M8W7D
LTE Band 13		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	779.5 ~ 784.5	0.0623	4M49G7D	0.0503	4M48W7D
10	782.0	0.0644	9M03G7D	0.0508	9M03W7D
LTE Band 38		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.3451	4M50G7D	0.2767	4M47W7D
10	2575.0 ~ 2615.0	0.3483	9M01G7D	0.2773	9M03W7D
15	2577.5 ~ 2612.5	0.3451	13M5G7D	0.2767	13M5W7D
20	2580.0 ~ 2610.0	0.3508	17M9G7D	0.2825	17M7W7D
LTE Band 41		QPSK		16QAM/64QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.3451	4M50G7D	0.2844	4M47W7D
10	2501.0 ~ 2685.0	0.3420	9M01G7D	0.2805	9M03W7D
15	2503.5 ~ 2682.5	0.3365	13M5G7D	0.2864	13M5W7D
20	2506.0 ~ 2680.0	0.3548	17M9G7D	0.2891	17M7W7D

Note:

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



1.7 Testing Location

Sporton International Inc. (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 Applicable Standards

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

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

Remark:

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



2 Test Configuration of Equipment Under Test

2.1 Test Mode

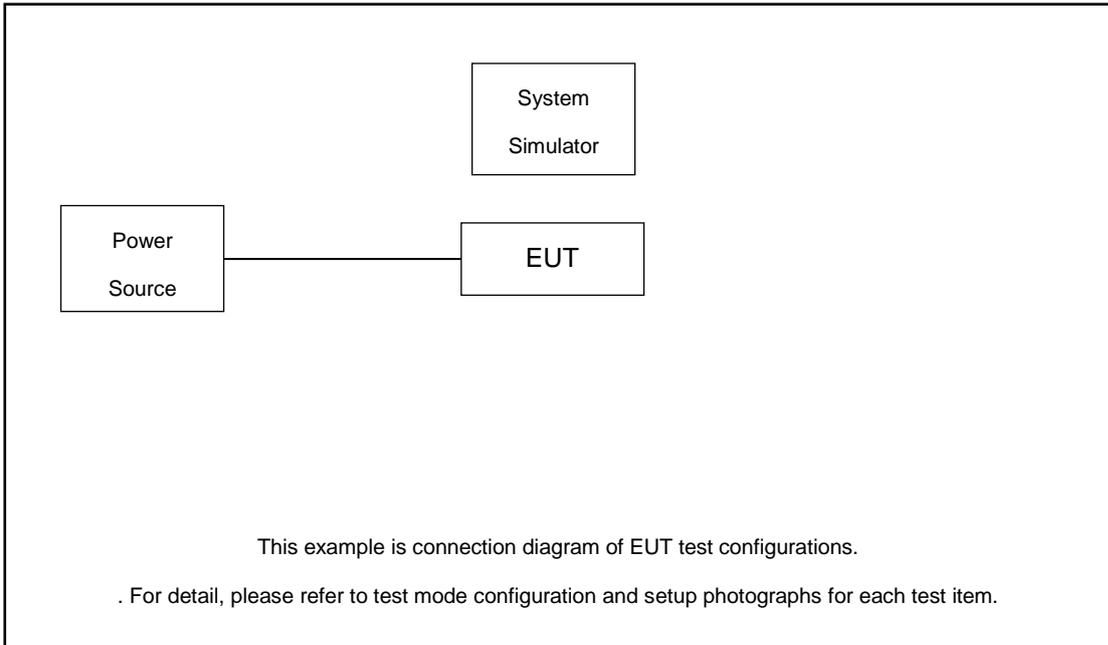
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

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

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel			
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H	
Max. Output Power	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
Peak-to-Average Ratio	7	-	-				v	v	v	v			v		v		
	13	-	-		v	-	-	v	v	v			v		v		
	41	-	-				v	v	v	v			v		v		
26dB and 99% Bandwidth	7	-	-	v	v	v	v	v	v				v		v		
	13	-	-	v	v	-	-	v	v				v		v		
	41	-	-	v	v	v	v	v	v				v		v		
Conducted Band Edge	7	-	-	v	v	v	v	v	v	v	v		v	v		v	
	13	-	-	v	v	-	-	v	v	v	v		v	v		v	
	41	-	-	v	v	v	v	v	v	v	v		v	v		v	
Conducted Spurious Emission	7	-	-	v	v	v	v	v				v		v	v	v	
	13	-	-	v	v	-	-	v				v		v	v	v	
	41	-	-	v	v	v	v	v				v		v	v	v	
Frequency Stability	7	-	-		v			v						v		v	
	13	-	-		v	-	-	v						v		v	
	41	-	-		v			v						v		v	
E.R.P / E.I.R.P	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
	13	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v	
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	
Radiated Spurious Emission	7	Worst Case														v	
	13	Worst Case														v	
	41	Worst Case														v	

Note	<ol style="list-style-type: none"> 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.
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2.2 Connection Diagram of Test System



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.

$$\text{Offset} = \text{RF cable loss} + \text{attenuator factor}.$$

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



Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 5.0 + 10 = 15.0 \text{ (dB)} \end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

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

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

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



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

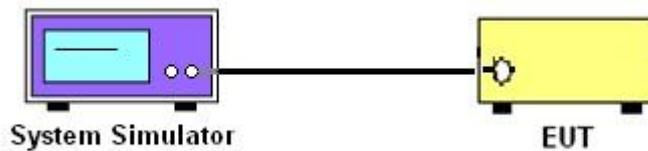
3 Conducted Test Items

3.1 Measuring Instruments

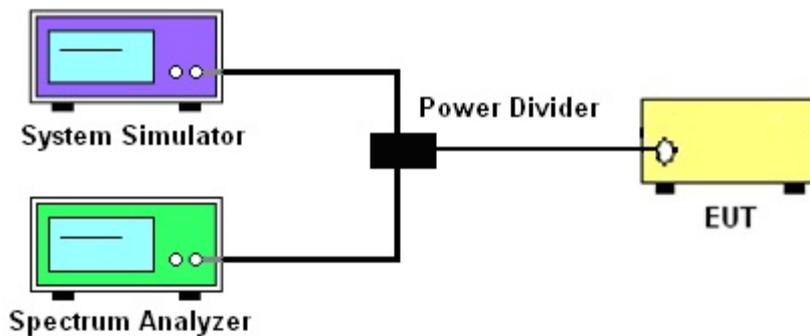
See list of measuring instruments of this test report.

3.2 Test Setup

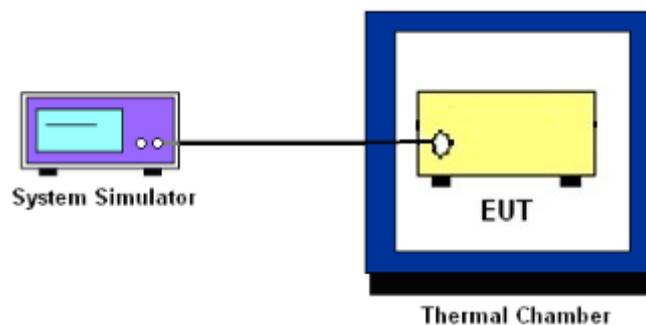
3.2.1 Conducted Output Power



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



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.



3.4 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 13.

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.4.2 Test Procedures

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



3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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



3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

27.53 (c)

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

27.53(m)(4)

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



3.7.2 Test Procedures

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

Example:

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

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)} = -13\text{dBm}.$$

8. For LTE Band 7, 38, 41, the other 40 dB, and 55 dB have additionally applied same calculation above.
9. When using the integration method, the starting frequency of the integration shall be centered at one-half of the RBW away from the band edge.



3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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

For Band 7,38,41:

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

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

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.
11. For Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.



3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

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

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

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

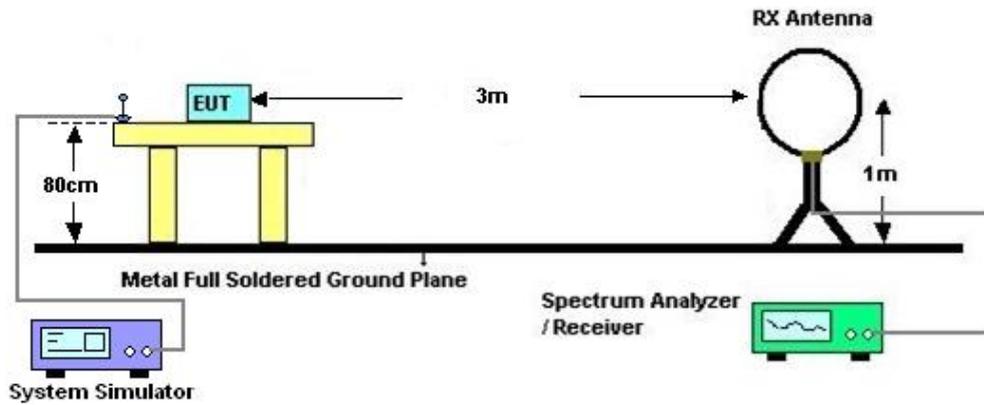
4 Radiated Test Items

4.1 Measuring Instruments

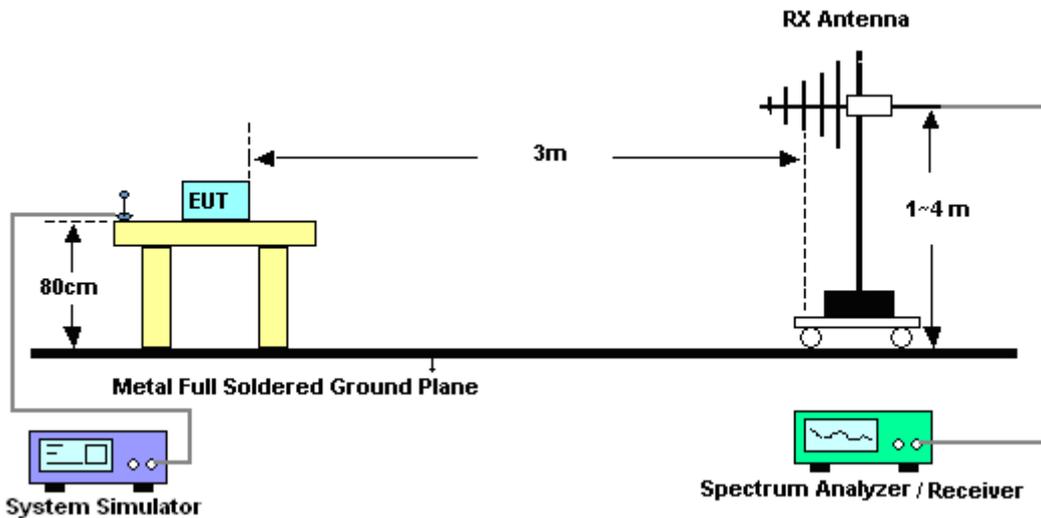
See list of measuring instruments of this test report.

4.2 Test Setup

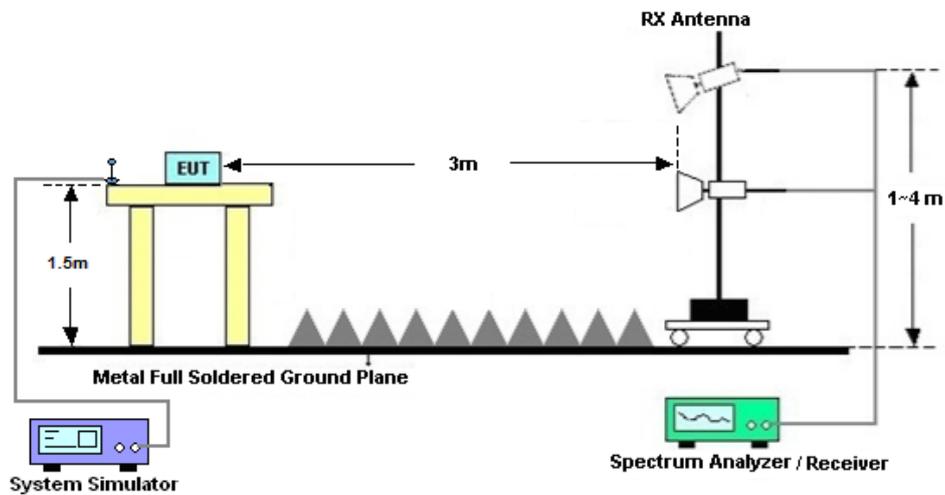
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.



4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7, 38, 41

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

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

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

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP (dBm) = S.G. Power - Tx Cable Loss + Tx Antenna Gain$
11. $ERP (dBm) = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] (dB)$
 $= [30 + 10\log(P)] (dBm) - [43 + 10\log(P)] (dB)$
 $= -13dBm.$
13. For Band 7, 38, 41:
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Apr. 24, 2025~ Apr. 25, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V, 3A	Oct. 14,2024	Apr. 24, 2025~ Apr. 25, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Apr. 24, 2025~ Apr. 25, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Apr. 24, 2025~ Apr. 25, 2025	Jul. 02, 2025	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Apr. 25, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Apr. 25, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Apr. 25, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Apr. 25, 2025	Oct. 23, 2025	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Apr. 25, 2025	Jul. 03, 2025	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 03, 2025	Apr. 25, 2025	Apr. 02, 2027	Radiation (03CH01-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Apr. 25, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00 101800-30-1	1943528	1GHz~18GHz	Oct. 14, 2024	Apr. 25, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2024	Apr. 25, 2025	Jul. 02, 2025	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2024	Apr. 25, 2025	Oct. 13, 2025	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Apr. 25, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Apr. 25, 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
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.53 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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



Appendix A. Test Results of Conducted Test

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

Conducted Output Power(Average power) and ERP/EIRP

LTE Band 7_ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				20850	20850	21350			
Frequency (MHz)				2510	2535	2560	L	M	H
20	QPSK	1	0	24.29	24.40	24.31	0.2037	0.2089	0.2046
20	QPSK	1	49	24.35	24.19	24.32	0.2065	0.1991	0.2051
20	QPSK	1	99	24.32	24.31	24.32	0.2051	0.2046	0.2051
20	QPSK	50	0	23.27	23.44	23.31	0.1611	0.1675	0.1626
20	QPSK	50	24	23.26	23.31	23.43	0.1607	0.1626	0.1671
20	QPSK	50	50	23.26	23.41	23.33	0.1607	0.1663	0.1633
20	QPSK	100	0	23.27	23.32	23.15	0.1611	0.1629	0.1567
20	16QAM	1	0	23.31	23.30	23.09	0.1626	0.1622	0.1545
20	16QAM	1	49	23.10	23.16	23.26	0.1549	0.1570	0.1607
20	16QAM	1	99	23.28	23.30	23.27	0.1614	0.1622	0.1611
20	16QAM	50	0	22.10	22.25	22.11	0.1230	0.1274	0.1233
20	16QAM	50	24	22.19	22.24	22.17	0.1256	0.1271	0.1250
20	16QAM	50	50	22.09	22.33	22.04	0.1227	0.1297	0.1213
20	16QAM	100	0	22.06	22.18	22.18	0.1219	0.1253	0.1253
20	64QAM	1	0	22.08	22.21	22.19	0.1225	0.1262	0.1256
20	64QAM	1	49	22.07	22.25	22.00	0.1222	0.1274	0.1202
20	64QAM	1	99	22.07	22.18	22.23	0.1222	0.1253	0.1268
20	64QAM	50	0	21.23	21.36	21.30	0.1007	0.1038	0.1023
20	64QAM	50	24	21.27	21.37	21.21	0.1016	0.1040	0.1002
20	64QAM	50	50	21.31	21.29	21.19	0.1026	0.1021	0.0998
20	64QAM	100	0	21.16	21.31	21.21	0.0991	0.1026	0.1002
Channel				20825	21100	21375	EIRP(W)		
Frequency (MHz)				2507.5	2535	2562.5	L	M	H
15	QPSK	1	0	24.20	24.27	24.27	0.1995	0.2028	0.2028
15	QPSK	1	37	24.14	24.17	24.11	0.1968	0.1982	0.1954
15	QPSK	1	74	24.13	24.26	24.22	0.1963	0.2023	0.2004
15	QPSK	36	0	23.10	23.34	23.15	0.1549	0.1637	0.1567
15	QPSK	36	20	23.15	23.24	23.22	0.1567	0.1600	0.1592
15	QPSK	36	39	23.15	23.32	23.13	0.1567	0.1629	0.1560
15	QPSK	75	0	23.25	23.20	22.99	0.1603	0.1585	0.1510
15	16QAM	1	0	23.24	23.17	22.90	0.1600	0.1574	0.1479
15	16QAM	1	37	23.05	23.10	23.22	0.1531	0.1549	0.1592



15	16QAM	1	74	23.09	23.17	23.19	0.1545	0.1574	0.1581
15	16QAM	36	0	22.00	22.16	22.06	0.1202	0.1247	0.1219
15	16QAM	36	20	22.13	22.10	22.04	0.1239	0.1230	0.1213
15	16QAM	36	39	21.93	22.24	21.95	0.1183	0.1271	0.1189
15	16QAM	75	0	22.01	21.99	22.11	0.1205	0.1199	0.1233
15	64QAM	1	0	21.90	22.11	22.03	0.1175	0.1233	0.1211
15	64QAM	1	37	21.96	22.19	21.90	0.1191	0.1256	0.1175
15	64QAM	1	74	21.95	22.00	22.14	0.1189	0.1202	0.1242
15	64QAM	36	0	21.03	21.30	21.23	0.0962	0.1023	0.1007
15	64QAM	36	20	21.09	21.23	21.12	0.0975	0.1007	0.0982
15	64QAM	36	39	21.25	21.09	21.01	0.1012	0.0975	0.0957
15	64QAM	75	0	20.96	21.27	21.04	0.0946	0.1016	0.0964
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	24.18	24.37	24.20	0.1986	0.2075	0.1995
10	QPSK	1	25	24.29	24.03	24.21	0.2037	0.1919	0.2000
10	QPSK	1	49	24.22	24.22	24.22	0.2004	0.2004	0.2004
10	QPSK	25	0	23.19	23.28	23.29	0.1581	0.1614	0.1618
10	QPSK	25	12	23.21	23.09	23.32	0.1589	0.1545	0.1629
10	QPSK	25	25	23.14	23.37	23.24	0.1563	0.1648	0.1600
10	QPSK	50	0	23.21	23.16	23.12	0.1589	0.1570	0.1556
10	16QAM	1	0	23.21	23.13	23.02	0.1589	0.1560	0.1521
10	16QAM	1	25	23.07	23.00	23.13	0.1538	0.1514	0.1560
10	16QAM	1	49	23.20	23.18	23.06	0.1585	0.1578	0.1535
10	16QAM	25	0	21.94	22.20	21.96	0.1186	0.1259	0.1191
10	16QAM	25	12	22.14	22.05	21.96	0.1242	0.1216	0.1191
10	16QAM	25	25	21.95	22.23	21.88	0.1189	0.1268	0.1169
10	16QAM	50	0	21.99	22.14	22.15	0.1199	0.1242	0.1245
10	64QAM	1	0	22.03	22.06	22.01	0.1211	0.1219	0.1205
10	64QAM	1	25	21.86	22.22	21.93	0.1164	0.1265	0.1183
10	64QAM	1	49	22.04	21.98	22.04	0.1213	0.1197	0.1213
10	64QAM	25	0	21.02	21.22	21.27	0.0959	0.1005	0.1016
10	64QAM	25	12	21.08	21.30	21.18	0.0973	0.1023	0.0995
10	64QAM	25	25	21.18	21.17	21.01	0.0995	0.0993	0.0957
10	64QAM	50	0	21.06	21.26	21.04	0.0968	0.1014	0.0964
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	24.10	24.37	24.24	0.1950	0.2075	0.2014
5	QPSK	1	12	24.24	24.07	24.19	0.2014	0.1936	0.1991
5	QPSK	1	24	24.20	24.18	24.30	0.1995	0.1986	0.2042
5	QPSK	12	0	23.22	23.39	23.18	0.1592	0.1656	0.1578
5	QPSK	12	7	23.07	23.17	23.23	0.1538	0.1574	0.1596
5	QPSK	12	13	23.12	23.28	23.21	0.1556	0.1614	0.1589
5	QPSK	25	0	23.24	23.14	22.97	0.1600	0.1563	0.1503
5	16QAM	1	0	23.12	23.23	22.89	0.1556	0.1596	0.1476
5	16QAM	1	12	23.07	22.98	23.18	0.1538	0.1507	0.1578
5	16QAM	1	24	23.21	23.15	23.22	0.1589	0.1567	0.1592



5	16QAM	12	0	21.90	22.16	21.90	0.1175	0.1247	0.1175
5	16QAM	12	7	22.09	22.07	22.09	0.1227	0.1222	0.1227
5	16QAM	12	13	22.05	22.14	21.90	0.1216	0.1242	0.1175
5	16QAM	25	0	21.98	22.14	22.16	0.1197	0.1242	0.1247
5	64QAM	1	0	21.90	22.08	22.06	0.1175	0.1225	0.1219
5	64QAM	1	12	22.00	22.19	21.97	0.1202	0.1256	0.1194
5	64QAM	1	24	21.93	22.07	22.16	0.1183	0.1222	0.1247
5	64QAM	12	0	21.20	21.23	21.26	0.1000	0.1007	0.1014
5	64QAM	12	7	21.09	21.33	21.16	0.0975	0.1030	0.0991
5	64QAM	12	13	21.25	21.17	21.12	0.1012	0.0993	0.0982
5	64QAM	25	0	21.09	21.18	21.12	0.0975	0.0995	0.0982

LTE Band 13_ANT1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23230					
Frequency (MHz)				782			M		
10	QPSK	1	0		24.34		0.0644		
10	QPSK	1	25		24.31		0.0639		
10	QPSK	1	49		24.23		0.0627		
10	QPSK	25	0		23.31		0.0508		
10	QPSK	25	12		23.16		0.0490		
10	QPSK	25	25		23.27		0.0503		
10	QPSK	50	0		23.32		0.0509		
10	16QAM	1	0		23.31		0.0508		
10	16QAM	1	25		23.18		0.0493		
10	16QAM	1	49		23.28		0.0504		
10	16QAM	25	0		22.31		0.0403		
10	16QAM	25	12		22.17		0.0390		
10	16QAM	25	25		22.26		0.0399		
10	16QAM	50	0		22.36		0.0408		
10	64QAM	1	0		22.23		0.0396		
10	64QAM	1	25		22.10		0.0384		
10	64QAM	1	49		22.20		0.0393		
10	64QAM	25	0		21.37		0.0325		
10	64QAM	25	12		21.31		0.0320		
10	64QAM	25	25		21.26		0.0317		
10	64QAM	50	0		21.29		0.0319		
Channel				23205	23230	23255	ERP(W)		
Frequency (MHz)				779.5	782	784.5	L	M	H
5	QPSK	1	0	24.15	24.19	24.13	0.0616	0.0622	0.0613
5	QPSK	1	12	24.20	24.14	24.13	0.0623	0.0615	0.0613
5	QPSK	1	24	24.08	24.19	24.07	0.0606	0.0622	0.0605
5	QPSK	12	0	23.24	23.13	23.27	0.0500	0.0487	0.0503
5	QPSK	12	7	22.97	23.10	23.07	0.0469	0.0484	0.0480



5	QPSK	12	13	23.21	23.18	23.24	0.0496	0.0493	0.0500
5	QPSK	25	0	23.19	23.10	23.28	0.0494	0.0484	0.0504
5	16QAM	1	0	23.12	23.12	23.27	0.0486	0.0486	0.0503
5	16QAM	1	12	22.98	23.15	23.15	0.0471	0.0489	0.0489
5	16QAM	1	24	23.23	23.21	23.12	0.0498	0.0496	0.0486
5	16QAM	12	0	22.14	22.10	22.20	0.0388	0.0384	0.0393
5	16QAM	12	7	22.14	22.11	21.99	0.0388	0.0385	0.0375
5	16QAM	12	13	22.16	22.22	22.12	0.0390	0.0395	0.0386
5	16QAM	25	0	22.31	22.30	22.31	0.0403	0.0402	0.0403
5	64QAM	1	0	22.02	22.06	22.20	0.0377	0.0381	0.0393
5	64QAM	1	12	21.96	22.03	21.96	0.0372	0.0378	0.0372
5	64QAM	1	24	22.15	22.04	22.11	0.0389	0.0379	0.0385
5	64QAM	12	0	21.34	21.29	21.32	0.0323	0.0319	0.0321
5	64QAM	12	7	21.22	21.09	21.21	0.0314	0.0304	0.0313
5	64QAM	12	13	21.09	21.14	21.12	0.0304	0.0308	0.0307
5	64QAM	25	0	21.23	21.23	21.19	0.0314	0.0314	0.0312

LTE Band 38_ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610	L	M	H
20	QPSK	1	0	24.07	24.25	24.21	0.3365	0.3508	0.3475
20	QPSK	1	49	24.23	24.18	24.12	0.3491	0.3451	0.3404
20	QPSK	1	99	24.03	24.11	24.20	0.3334	0.3396	0.3467
20	QPSK	50	0	23.27	23.34	23.30	0.2799	0.2844	0.2818
20	QPSK	50	24	23.09	23.11	23.13	0.2685	0.2698	0.2710
20	QPSK	50	50	23.14	23.26	23.23	0.2716	0.2793	0.2773
20	QPSK	100	0	23.20	23.32	23.29	0.2754	0.2831	0.2812
20	16QAM	1	0	23.10	23.29	23.21	0.2692	0.2812	0.2761
20	16QAM	1	49	23.11	23.31	23.14	0.2698	0.2825	0.2716
20	16QAM	1	99	23.16	23.23	23.24	0.2729	0.2773	0.2780
20	16QAM	50	0	22.48	22.48	22.26	0.2333	0.2333	0.2218
20	16QAM	50	24	22.43	22.52	22.39	0.2307	0.2355	0.2286
20	16QAM	50	50	22.33	22.43	22.41	0.2254	0.2307	0.2296
20	16QAM	100	0	22.44	22.42	22.21	0.2312	0.2301	0.2193
20	64QAM	1	0	22.14	22.36	22.26	0.2158	0.2270	0.2218
20	64QAM	1	49	22.29	22.31	22.33	0.2234	0.2244	0.2254
20	64QAM	1	99	22.21	22.30	22.21	0.2193	0.2239	0.2193
20	64QAM	50	0	21.11	21.30	21.22	0.1702	0.1778	0.1746
20	64QAM	50	24	21.28	21.22	21.30	0.1770	0.1746	0.1778
20	64QAM	50	50	21.27	21.31	21.13	0.1766	0.1782	0.1710
20	64QAM	100	0	21.44	21.45	21.24	0.1837	0.1841	0.1754
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	23.93	24.18	24.07	0.3258	0.3451	0.3365



15	QPSK	1	37	24.11	24.01	23.95	0.3396	0.3319	0.3273
15	QPSK	1	74	23.88	23.93	24.12	0.3221	0.3258	0.3404
15	QPSK	36	0	23.21	23.12	23.19	0.2761	0.2704	0.2748
15	QPSK	36	20	23.01	22.97	23.03	0.2636	0.2612	0.2649
15	QPSK	36	39	22.95	23.07	23.09	0.2600	0.2673	0.2685
15	QPSK	75	0	23.17	23.30	23.24	0.2735	0.2818	0.2780
15	16QAM	1	0	22.97	23.11	23.18	0.2612	0.2698	0.2742
15	16QAM	1	37	22.92	23.22	23.11	0.2582	0.2767	0.2698
15	16QAM	1	74	23.12	23.17	23.06	0.2704	0.2735	0.2667
15	16QAM	36	0	22.31	22.45	22.20	0.2244	0.2317	0.2188
15	16QAM	36	20	22.27	22.35	22.23	0.2223	0.2265	0.2203
15	16QAM	36	39	22.18	22.40	22.38	0.2178	0.2291	0.2280
15	16QAM	75	0	22.40	22.24	22.09	0.2291	0.2208	0.2133
15	64QAM	1	0	22.06	22.33	22.08	0.2118	0.2254	0.2128
15	64QAM	1	37	22.09	22.19	22.22	0.2133	0.2183	0.2198
15	64QAM	1	74	22.13	22.10	21.99	0.2153	0.2138	0.2084
15	64QAM	36	0	20.93	21.22	21.04	0.1633	0.1746	0.1675
15	64QAM	36	20	21.21	21.10	21.19	0.1742	0.1698	0.1734
15	64QAM	36	39	21.17	21.19	21.04	0.1726	0.1734	0.1675
15	64QAM	75	0	21.35	21.38	21.08	0.1799	0.1811	0.1690
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H
10	QPSK	1	0	24.01	24.22	24.13	0.3319	0.3483	0.3412
10	QPSK	1	25	24.12	24.07	23.94	0.3404	0.3365	0.3266
10	QPSK	1	49	23.90	24.00	23.99	0.3236	0.3311	0.3304
10	QPSK	25	0	23.11	23.19	23.20	0.2698	0.2748	0.2754
10	QPSK	25	12	23.04	22.95	23.09	0.2655	0.2600	0.2685
10	QPSK	25	25	23.08	23.15	23.01	0.2679	0.2723	0.2636
10	QPSK	50	0	22.99	23.29	23.15	0.2624	0.2812	0.2723
10	16QAM	1	0	23.04	23.22	23.16	0.2655	0.2767	0.2729
10	16QAM	1	25	23.08	23.23	23.08	0.2679	0.2773	0.2679
10	16QAM	1	49	22.98	23.20	23.04	0.2618	0.2754	0.2655
10	16QAM	25	0	22.42	22.30	22.24	0.2301	0.2239	0.2208
10	16QAM	25	12	22.27	22.41	22.20	0.2223	0.2296	0.2188
10	16QAM	25	25	22.16	22.26	22.19	0.2168	0.2218	0.2183
10	16QAM	50	0	22.37	22.39	22.07	0.2275	0.2286	0.2123
10	64QAM	1	0	22.10	22.26	22.06	0.2138	0.2218	0.2118
10	64QAM	1	25	22.08	22.26	22.26	0.2128	0.2218	0.2218
10	64QAM	1	49	22.18	22.19	22.03	0.2178	0.2183	0.2104
10	64QAM	25	0	21.06	21.24	21.10	0.1683	0.1754	0.1698
10	64QAM	25	12	21.25	21.02	21.12	0.1758	0.1667	0.1706
10	64QAM	25	25	21.10	21.11	21.09	0.1698	0.1702	0.1694
10	64QAM	50	0	21.24	21.33	21.11	0.1754	0.1791	0.1702
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	23.99	24.18	24.17	0.3304	0.3451	0.3443
5	QPSK	1	12	24.10	24.01	23.97	0.3388	0.3319	0.3289
5	QPSK	1	24	23.94	24.03	24.07	0.3266	0.3334	0.3365



5	QPSK	12	0	23.15	23.31	23.26	0.2723	0.2825	0.2793
5	QPSK	12	7	23.00	22.89	22.96	0.2630	0.2564	0.2606
5	QPSK	12	13	23.07	23.15	23.13	0.2673	0.2723	0.2710
5	QPSK	25	0	22.99	23.21	23.26	0.2624	0.2761	0.2793
5	16QAM	1	0	22.93	23.22	23.04	0.2588	0.2767	0.2655
5	16QAM	1	12	22.92	23.10	22.97	0.2582	0.2692	0.2612
5	16QAM	1	24	23.00	23.09	23.21	0.2630	0.2685	0.2761
5	16QAM	12	0	22.45	22.45	22.11	0.2317	0.2317	0.2143
5	16QAM	12	7	22.32	22.44	22.29	0.2249	0.2312	0.2234
5	16QAM	12	13	22.21	22.30	22.34	0.2193	0.2239	0.2259
5	16QAM	25	0	22.33	22.32	22.00	0.2254	0.2249	0.2089
5	64QAM	1	0	22.01	22.32	22.23	0.2094	0.2249	0.2203
5	64QAM	1	12	22.17	22.21	22.23	0.2173	0.2193	0.2203
5	64QAM	1	24	22.10	22.23	22.11	0.2138	0.2203	0.2143
5	64QAM	12	0	20.93	21.28	21.19	0.1633	0.1770	0.1734
5	64QAM	12	7	21.20	21.15	21.12	0.1738	0.1718	0.1706
5	64QAM	12	13	21.20	21.13	21.05	0.1738	0.1710	0.1679
5	64QAM	25	0	21.42	21.29	21.17	0.1828	0.1774	0.1726

LTE Band 41_ANT4:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	23.92	24.30	24.02	0.3251	0.3548	0.3327
20	QPSK	1	49	24.16	24.26	23.96	0.3436	0.3516	0.3281
20	QPSK	1	99	24.09	24.16	24.09	0.3381	0.3436	0.3381
20	QPSK	50	0	23.26	23.35	23.23	0.2793	0.2851	0.2773
20	QPSK	50	24	23.23	23.19	23.11	0.2773	0.2748	0.2698
20	QPSK	50	50	23.19	23.26	23.30	0.2748	0.2793	0.2818
20	QPSK	100	0	23.19	23.26	23.17	0.2748	0.2793	0.2735
20	16QAM	1	0	23.35	23.38	23.40	0.2851	0.2871	0.2884
20	16QAM	1	49	23.29	23.28	23.33	0.2812	0.2805	0.2838
20	16QAM	1	99	23.35	23.41	23.36	0.2851	0.2891	0.2858
20	16QAM	50	0	22.15	22.22	22.09	0.2163	0.2198	0.2133
20	16QAM	50	24	22.10	22.21	22.06	0.2138	0.2193	0.2118
20	16QAM	50	50	22.23	22.27	22.01	0.2203	0.2223	0.2094
20	16QAM	100	0	22.26	22.25	22.06	0.2218	0.2213	0.2118
20	64QAM	1	0	22.33	22.32	22.33	0.2254	0.2249	0.2254
20	64QAM	1	49	22.12	22.37	22.16	0.2148	0.2275	0.2168
20	64QAM	1	99	22.33	22.44	22.23	0.2254	0.2312	0.2203
20	64QAM	50	0	21.43	21.48	21.41	0.1832	0.1854	0.1824
20	64QAM	50	24	21.35	21.47	21.49	0.1799	0.1849	0.1858
20	64QAM	50	50	21.46	21.59	21.27	0.1845	0.1901	0.1766
20	64QAM	100	0	21.25	21.35	21.26	0.1758	0.1799	0.1762
Channel				39725	40620	41515	EIRP(W)		



Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	23.90	24.07	23.92	0.3236	0.3365	0.3251
15	QPSK	1	37	23.95	23.90	23.91	0.3273	0.3236	0.3243
15	QPSK	1	74	24.02	23.98	24.03	0.3327	0.3296	0.3334
15	QPSK	36	0	23.09	23.20	23.16	0.2685	0.2754	0.2729
15	QPSK	36	20	23.04	23.12	22.91	0.2655	0.2704	0.2576
15	QPSK	36	39	22.99	23.13	23.11	0.2624	0.2710	0.2698
15	QPSK	75	0	23.15	22.98	22.99	0.2723	0.2618	0.2624
15	16QAM	1	0	23.13	23.06	23.37	0.2710	0.2667	0.2864
15	16QAM	1	37	23.15	23.09	23.14	0.2723	0.2685	0.2716
15	16QAM	1	74	23.23	23.13	23.15	0.2773	0.2710	0.2723
15	16QAM	36	0	21.97	21.85	21.88	0.2075	0.2018	0.2032
15	16QAM	36	20	22.08	21.87	22.03	0.2128	0.2028	0.2104
15	16QAM	36	39	22.18	21.96	21.82	0.2178	0.2070	0.2004
15	16QAM	75	0	22.21	21.95	21.96	0.2193	0.2065	0.2070
15	64QAM	1	0	22.15	22.05	22.12	0.2163	0.2113	0.2148
15	64QAM	1	37	21.91	22.23	22.07	0.2046	0.2203	0.2123
15	64QAM	1	74	22.31	22.10	22.18	0.2244	0.2138	0.2178
15	64QAM	36	0	21.27	21.28	21.23	0.1766	0.1770	0.1750
15	64QAM	36	20	21.30	21.21	21.42	0.1778	0.1742	0.1828
15	64QAM	36	39	21.31	21.10	21.22	0.1782	0.1698	0.1746
15	64QAM	75	0	21.16	21.21	21.19	0.1722	0.1742	0.1734
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	23.72	24.14	23.88	0.3105	0.3420	0.3221
10	QPSK	1	25	24.09	23.89	23.77	0.3381	0.3228	0.3141
10	QPSK	1	49	23.89	23.99	23.94	0.3228	0.3304	0.3266
10	QPSK	25	0	23.22	23.20	23.06	0.2767	0.2754	0.2667
10	QPSK	25	12	23.06	23.12	22.89	0.2667	0.2704	0.2564
10	QPSK	25	25	23.12	23.14	23.14	0.2704	0.2716	0.2716
10	QPSK	50	0	22.99	22.96	23.09	0.2624	0.2606	0.2685
10	16QAM	1	0	23.13	23.18	23.20	0.2710	0.2742	0.2754
10	16QAM	1	25	23.22	23.06	23.15	0.2767	0.2667	0.2723
10	16QAM	1	49	23.28	23.12	23.19	0.2805	0.2704	0.2748
10	16QAM	25	0	22.03	22.04	21.88	0.2104	0.2109	0.2032
10	16QAM	25	12	21.94	21.94	21.97	0.2061	0.2061	0.2075
10	16QAM	25	25	22.15	21.87	21.87	0.2163	0.2028	0.2028
10	16QAM	50	0	22.20	21.94	21.91	0.2188	0.2061	0.2046
10	64QAM	1	0	22.25	22.07	22.13	0.2213	0.2123	0.2153
10	64QAM	1	25	21.99	22.22	21.99	0.2084	0.2198	0.2084
10	64QAM	1	49	22.30	22.09	22.07	0.2239	0.2133	0.2123
10	64QAM	25	0	21.32	21.24	21.39	0.1786	0.1754	0.1816
10	64QAM	25	12	21.14	21.17	21.44	0.1714	0.1726	0.1837
10	64QAM	25	25	21.29	21.18	21.13	0.1774	0.1730	0.1710
10	64QAM	50	0	21.15	21.30	21.19	0.1718	0.1778	0.1734
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	23.80	24.18	23.99	0.3162	0.3451	0.3304



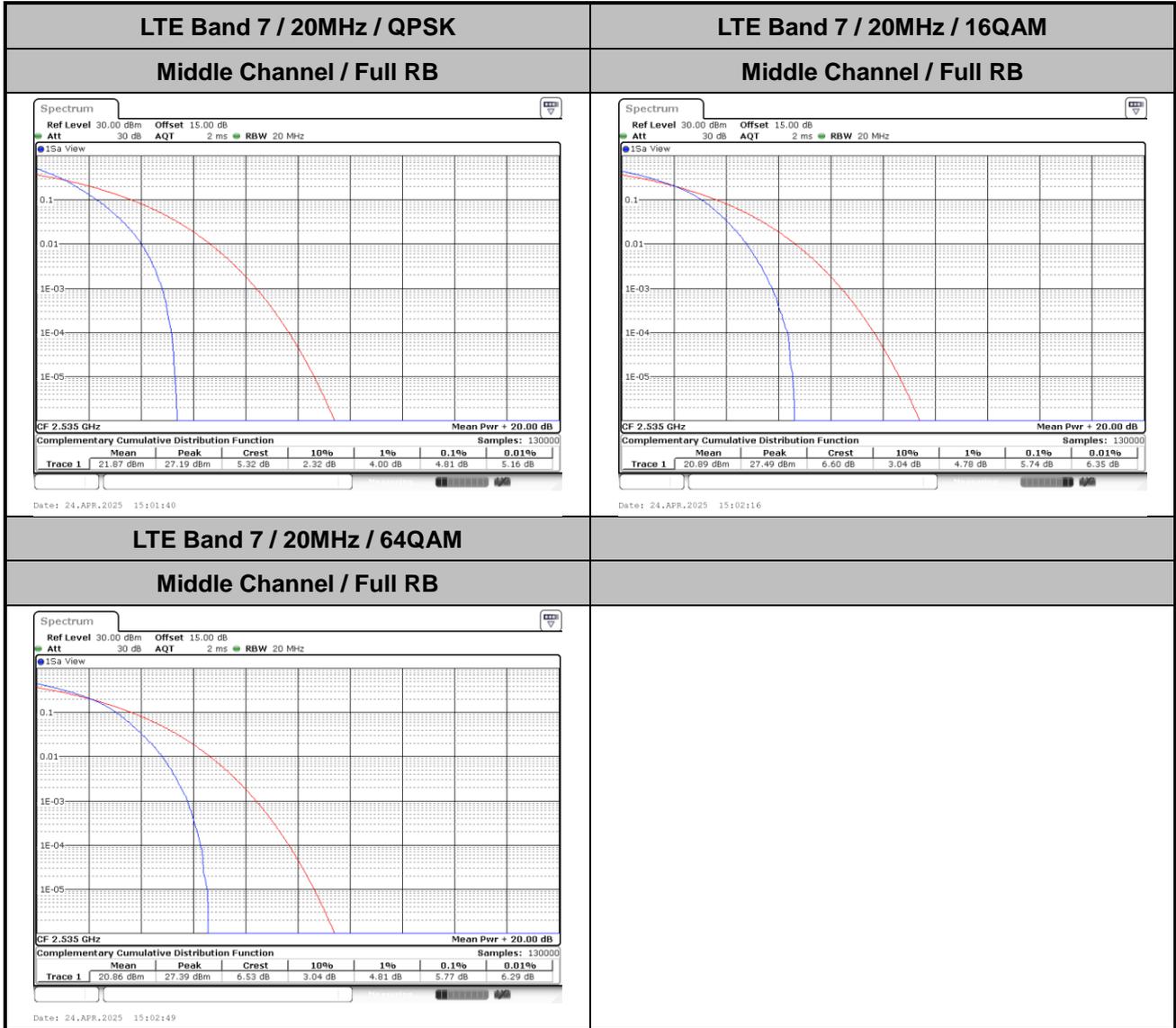
5	QPSK	1	12	24.05	24.08	23.90	0.3350	0.3373	0.3236
5	QPSK	1	24	23.90	23.97	23.99	0.3236	0.3289	0.3304
5	QPSK	12	0	23.17	23.18	23.06	0.2735	0.2742	0.2667
5	QPSK	12	7	23.13	23.17	23.03	0.2710	0.2735	0.2649
5	QPSK	12	13	23.11	23.13	23.26	0.2698	0.2710	0.2793
5	QPSK	25	0	23.06	22.96	23.13	0.2667	0.2606	0.2710
5	16QAM	1	0	23.22	23.20	23.34	0.2767	0.2754	0.2844
5	16QAM	1	12	23.08	23.07	23.20	0.2679	0.2673	0.2754
5	16QAM	1	24	23.24	23.07	23.23	0.2780	0.2673	0.2773
5	16QAM	12	0	22.01	21.94	21.98	0.2094	0.2061	0.2080
5	16QAM	12	7	22.03	21.95	21.85	0.2104	0.2065	0.2018
5	16QAM	12	13	22.04	21.89	21.96	0.2109	0.2037	0.2070
5	16QAM	25	0	22.17	22.01	21.90	0.2173	0.2094	0.2042
5	64QAM	1	0	22.13	22.08	22.12	0.2153	0.2128	0.2148
5	64QAM	1	12	22.04	22.08	22.07	0.2109	0.2128	0.2123
5	64QAM	1	24	22.23	22.15	22.17	0.2203	0.2163	0.2173
5	64QAM	12	0	21.31	21.32	21.31	0.1782	0.1786	0.1782
5	64QAM	12	7	21.17	21.13	21.35	0.1726	0.1710	0.1799
5	64QAM	12	13	21.41	21.28	21.18	0.1824	0.1770	0.1730
5	64QAM	25	0	21.18	21.22	21.06	0.1730	0.1746	0.1683



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.74	5.77	PASS





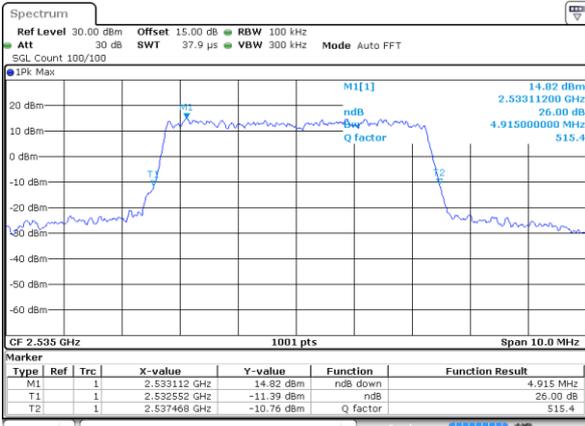
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.92	4.92	9.71	9.71	14.45	14.30	18.90	18.98



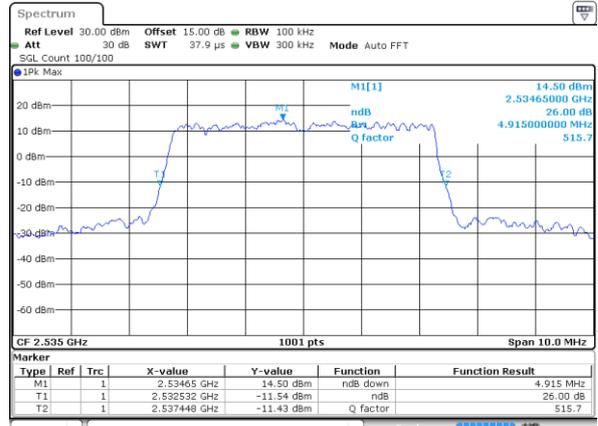
LTE Band 7

Middle Channel / 5MHz / QPSK



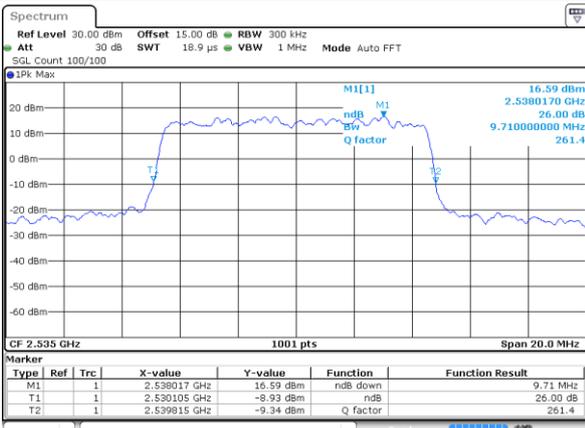
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Middle Channel / 5MHz / 16QAM



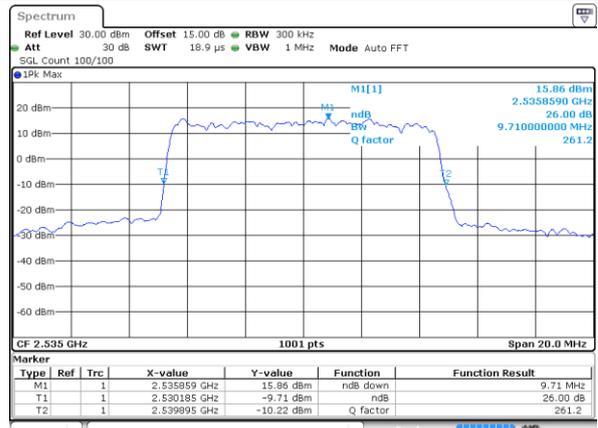
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Middle Channel / 10MHz / QPSK



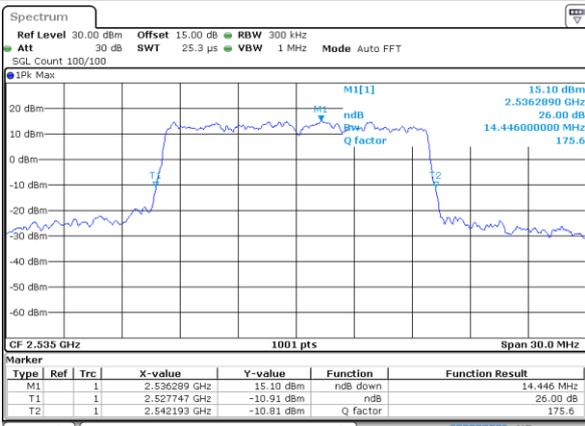
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Middle Channel / 10MHz / 16QAM



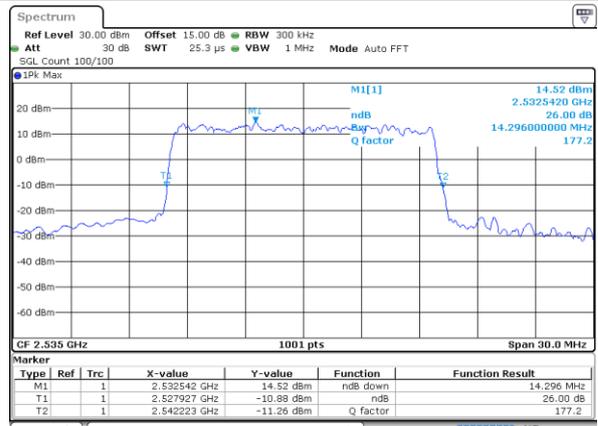
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Middle Channel / 15MHz / QPSK



Date: 24 APR 2025 00:36:33

Middle Channel / 15MHz / 16QAM

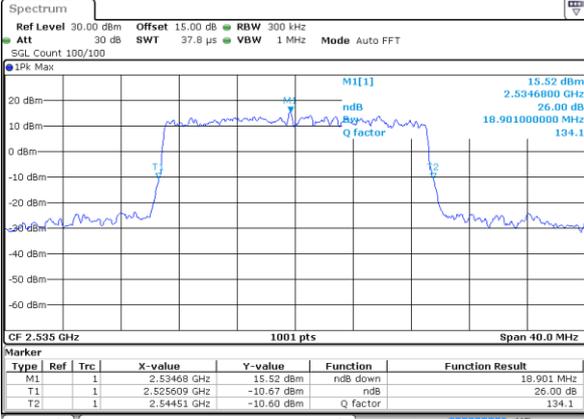


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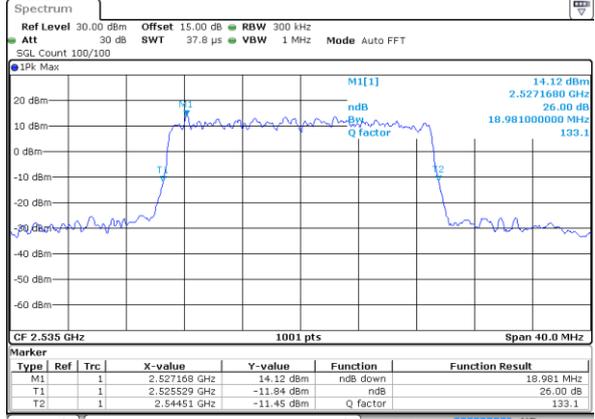
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 24 APR 2025 00:57:20

Middle Channel / 20MHz / 16QAM



Date: 24 APR 2025 00:57:59



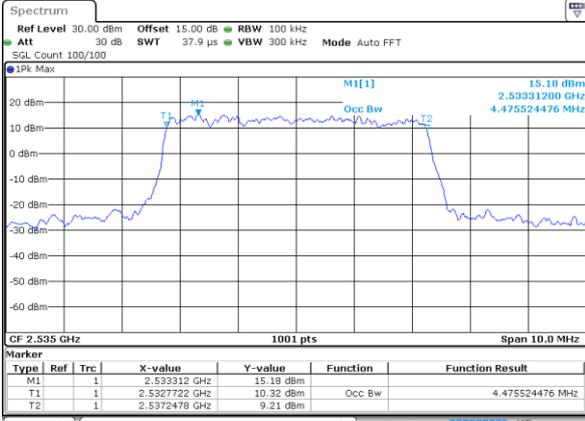
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.47	8.97	8.97	13.46	13.43	17.86	17.82



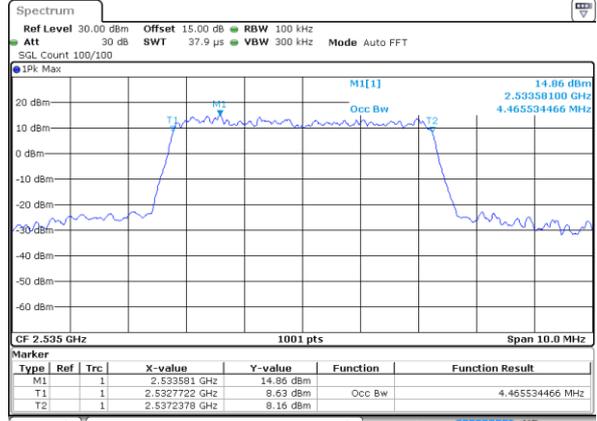
LTE Band 7

Middle Channel / 5MHz / QPSK



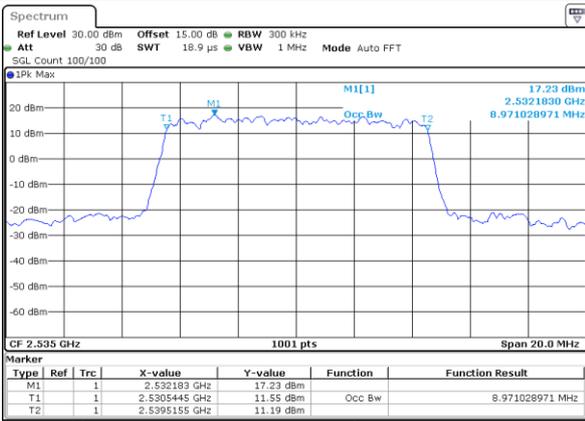
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Middle Channel / 5MHz / 16QAM



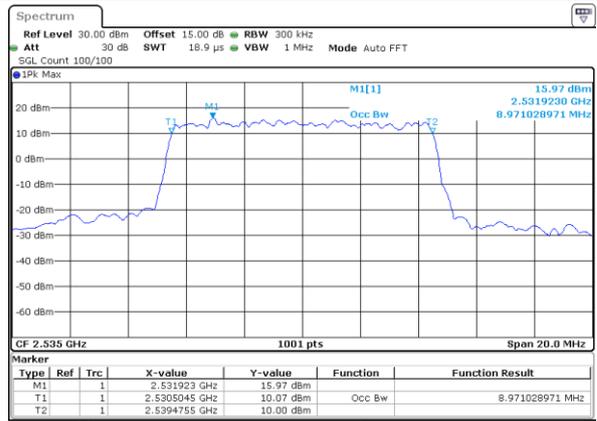
Date: 24 APR 2025 12:51:11

Middle Channel / 10MHz / QPSK



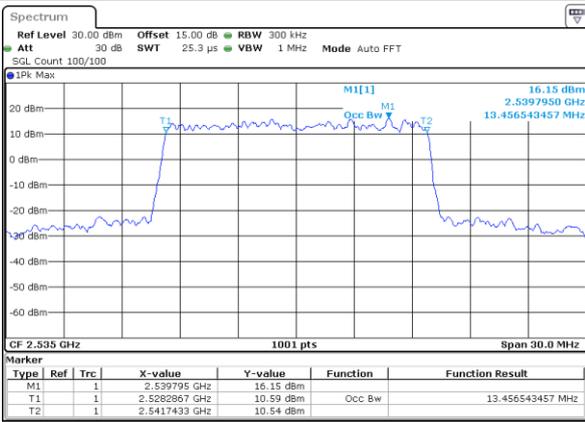
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Middle Channel / 10MHz / 16QAM



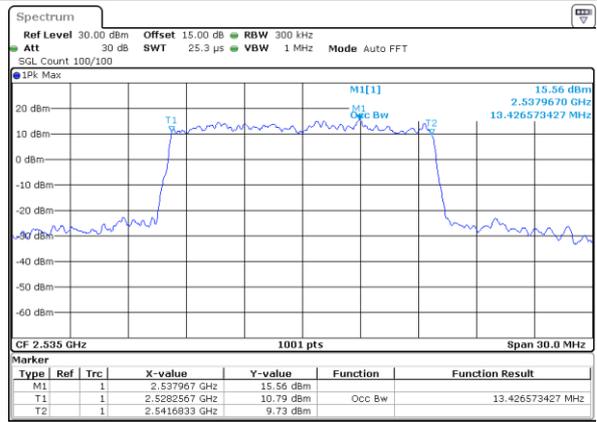
Date: 24 APR 2025 00:16:11

Middle Channel / 15MHz / QPSK



Date: 24 APR 2025 00:36:19

Middle Channel / 15MHz / 16QAM

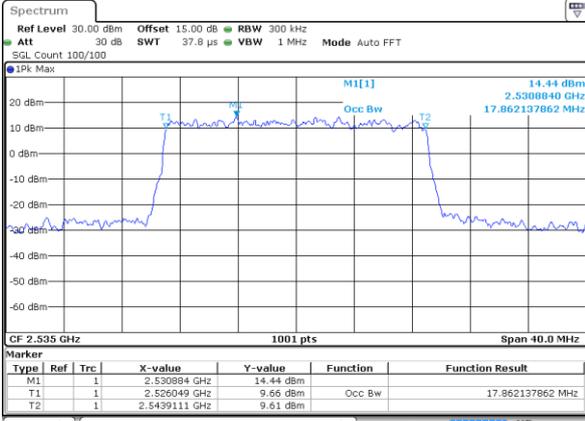


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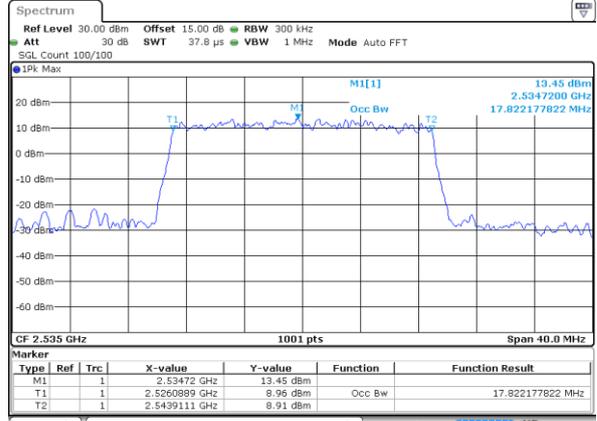
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 24 APR 2025 00:57:06

Middle Channel / 20MHz / 16QAM



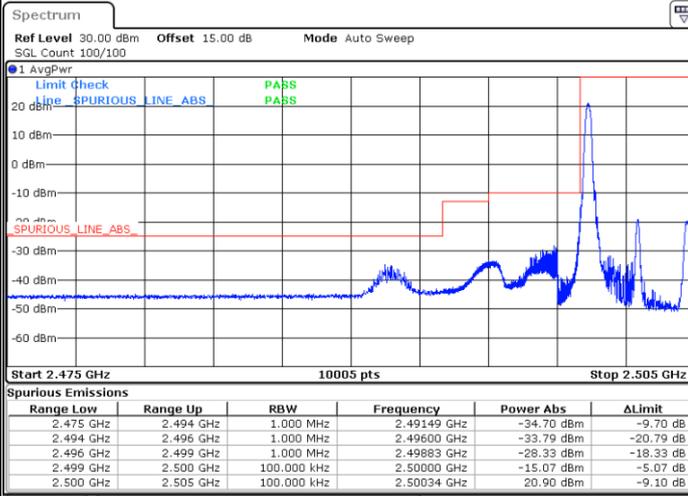
Date: 24 APR 2025 00:57:45



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



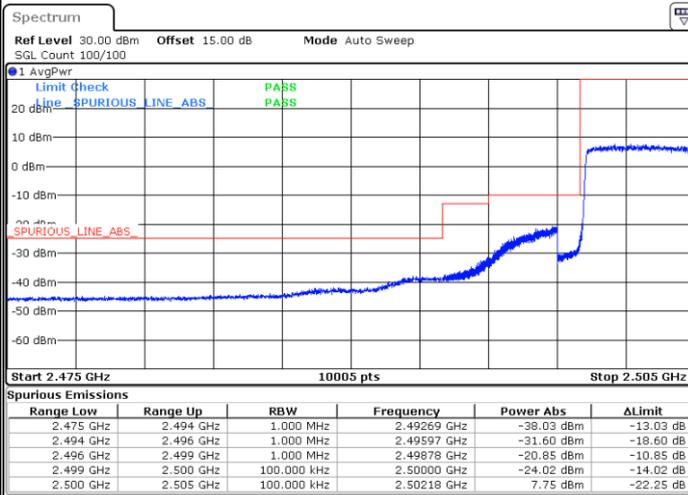
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Highest Band Edge / 1 RB



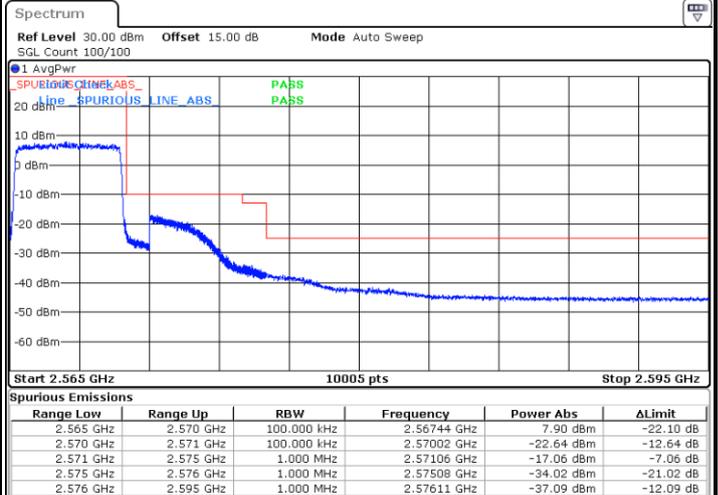
Date: 24 APR 2025 12:52:17

Lowest Band Edge / Full RB



Date: 24 APR 2025 12:45:53

Highest Band Edge / Full RB

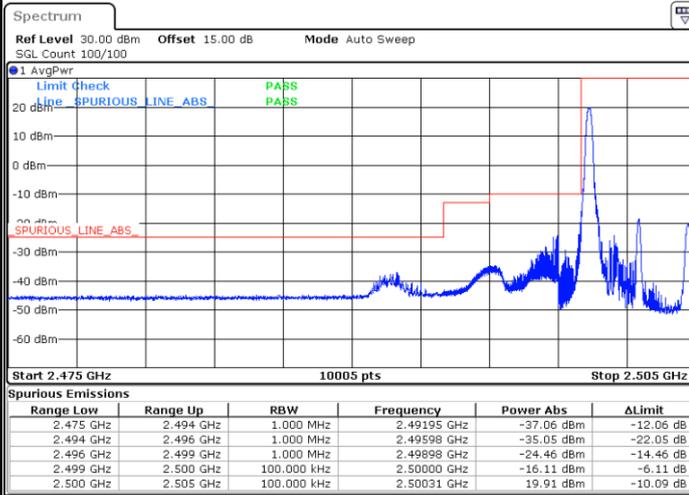


Date: 24 APR 2025 12:54:54



LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



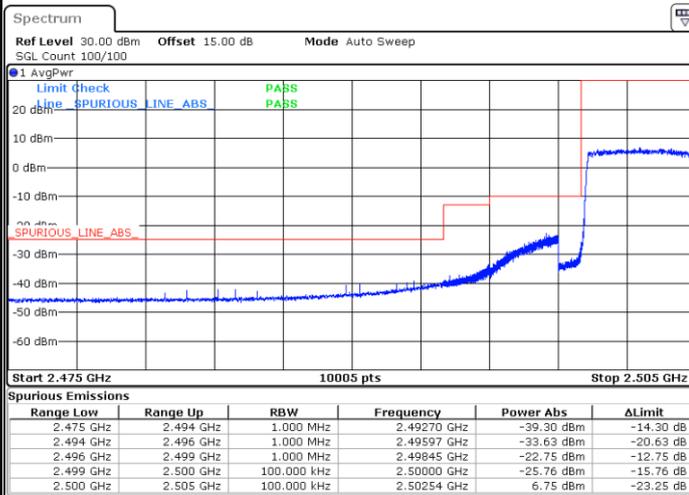
Date: 24 APR 2025 12:44:08

Highest Band Edge / 1 RB



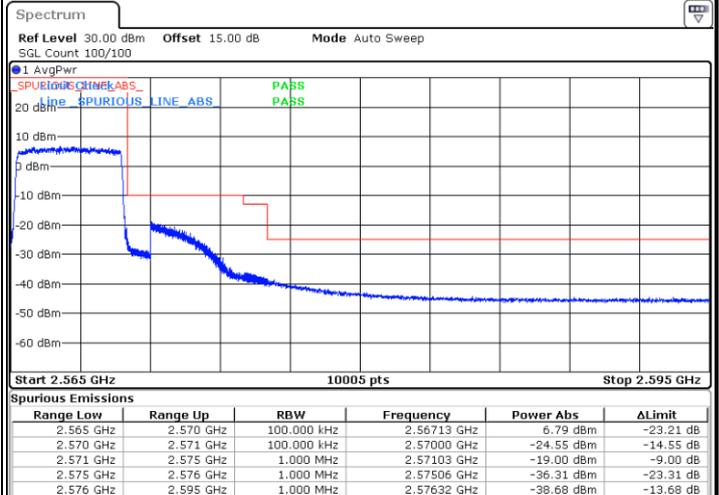
Date: 24 APR 2025 12:53:09

Lowest Band Edge / Full RB



Date: 24 APR 2025 12:46:46

Highest Band Edge / Full RB



Date: 24 APR 2025 12:55:47



LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



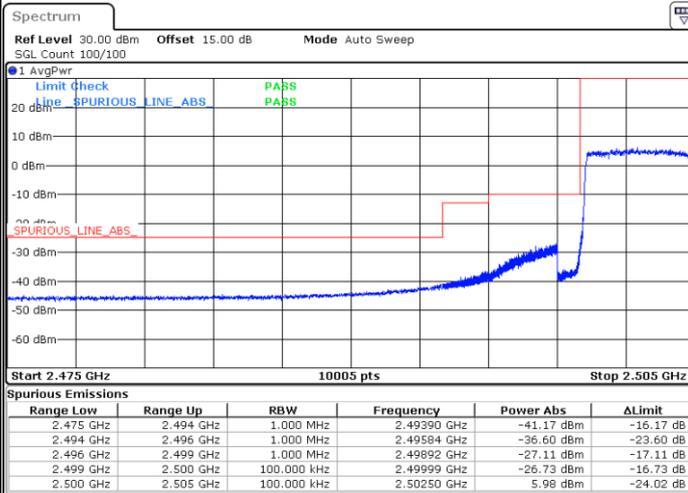
Date: 24 APR 2025 12:45:01

Highest Band Edge / 1 RB



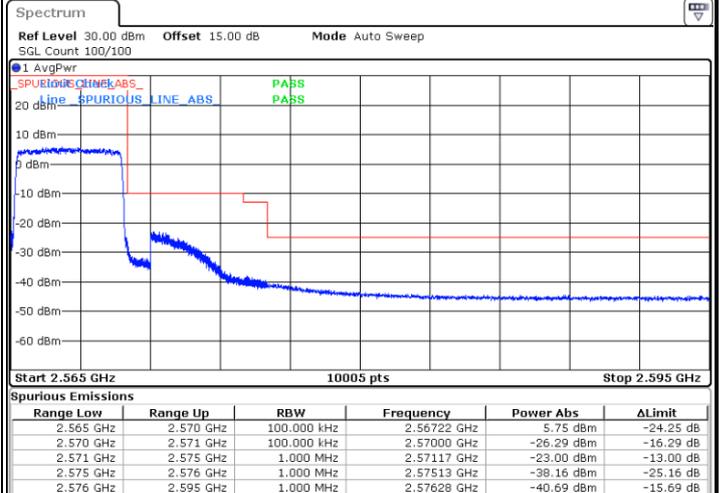
Date: 24 APR 2025 12:54:02

Lowest Band Edge / Full RB



Date: 24 APR 2025 12:47:39

Highest Band Edge / Full RB

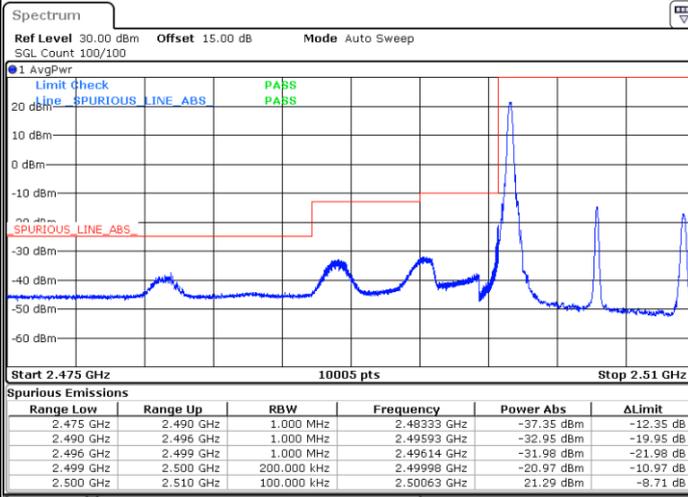


Date: 24 APR 2025 12:56:39



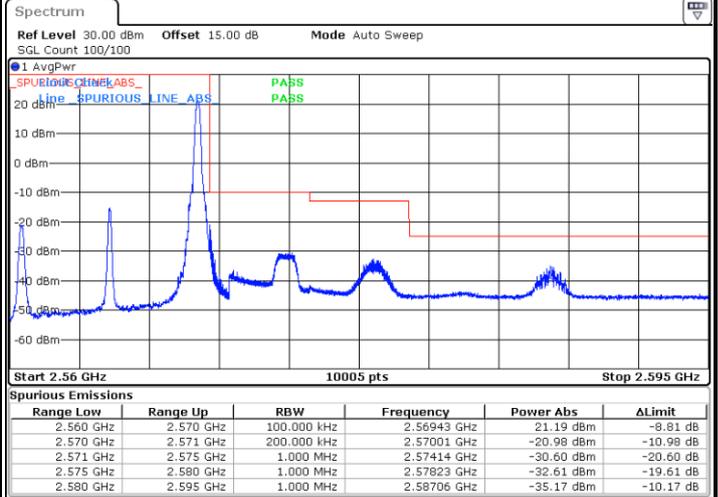
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



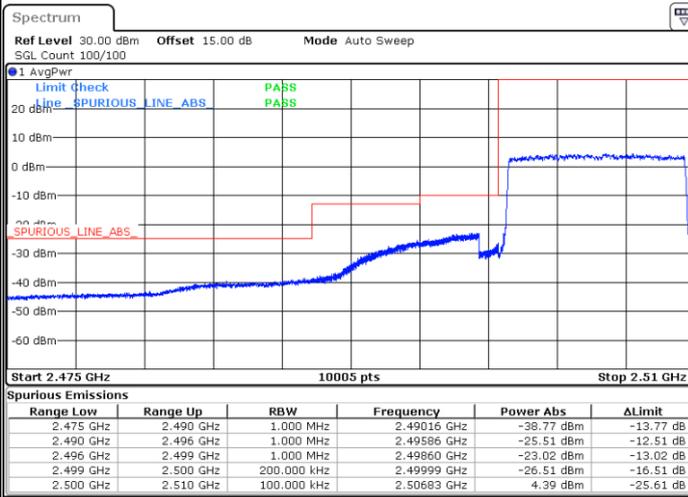
Date: 24 APR 2025 00:06:22

Highest Band Edge / 1 RB



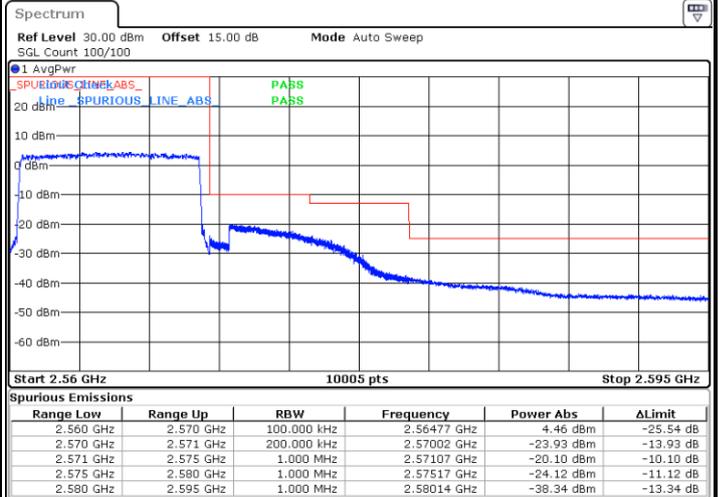
Date: 24 APR 2025 00:17:39

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:10:17

Highest Band Edge / Full RB

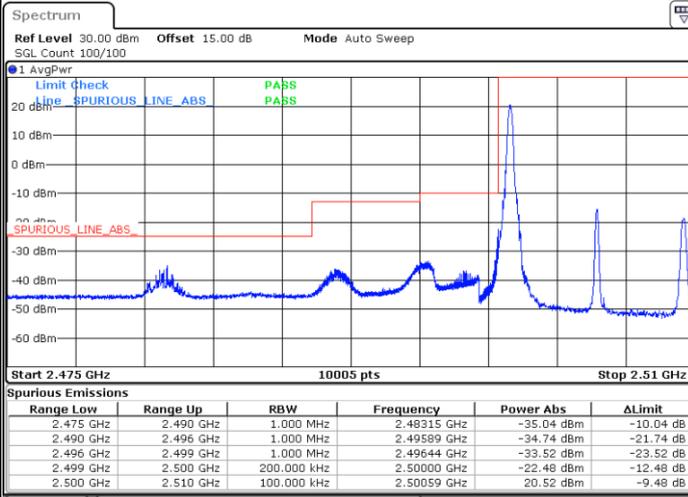


Date: 24 APR 2025 00:21:25



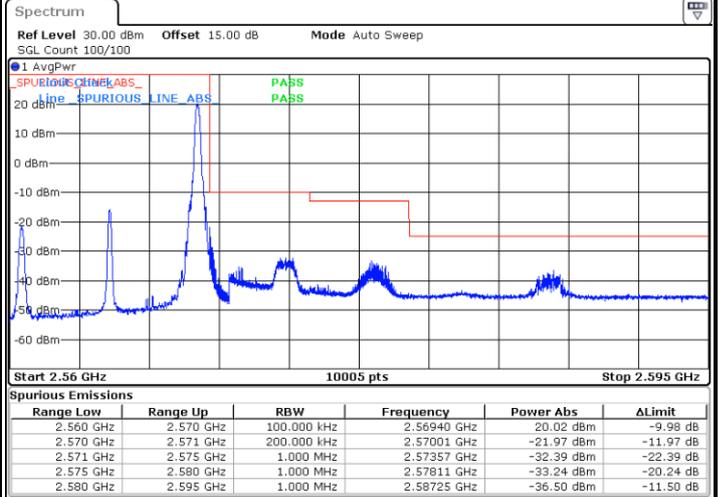
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



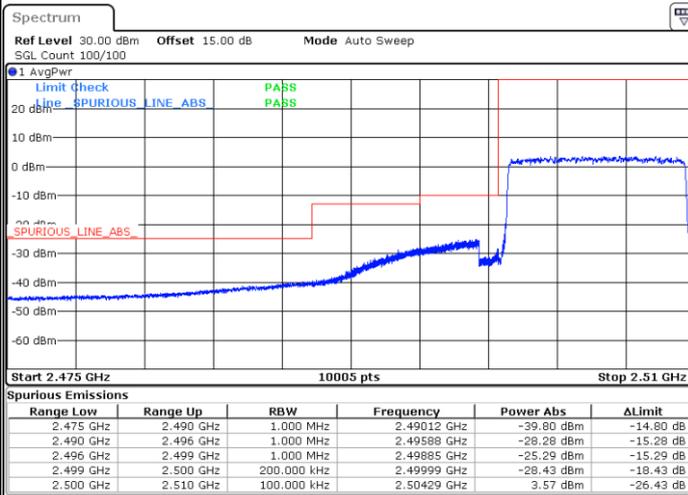
Date: 24 APR 2025 00:07:37

Highest Band Edge / 1 RB



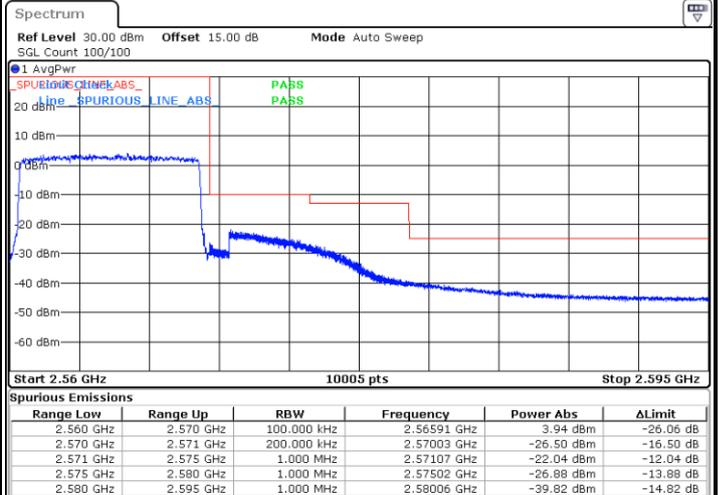
Date: 24 APR 2025 00:18:55

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:11:22

Highest Band Edge / Full RB

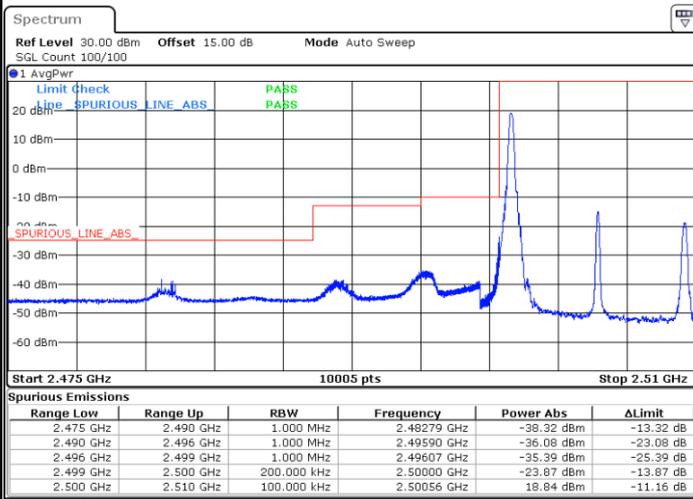


Date: 24 APR 2025 00:22:40



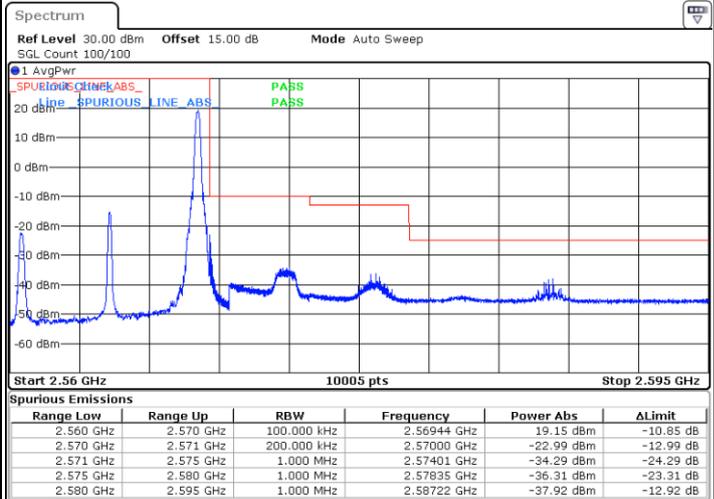
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



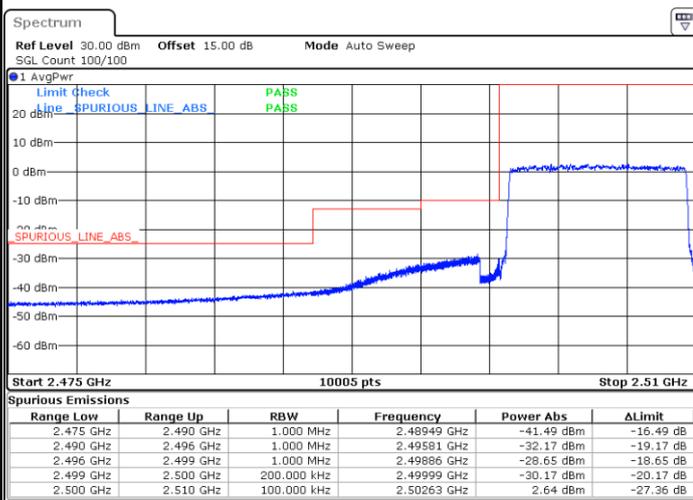
Date: 24 APR 2025 00:08:52

Highest Band Edge / 1 RB



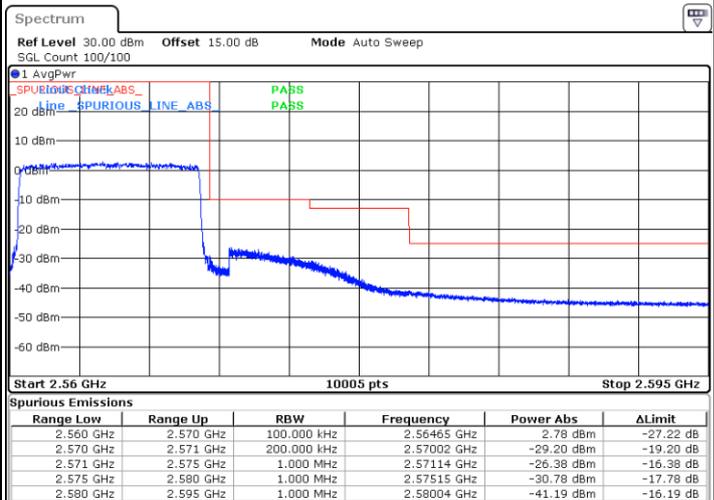
Date: 24 APR 2025 00:20:10

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:12:38

Highest Band Edge / Full RB

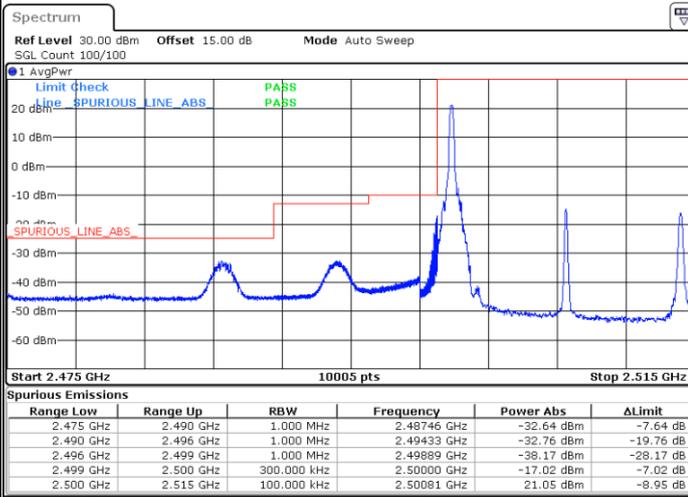


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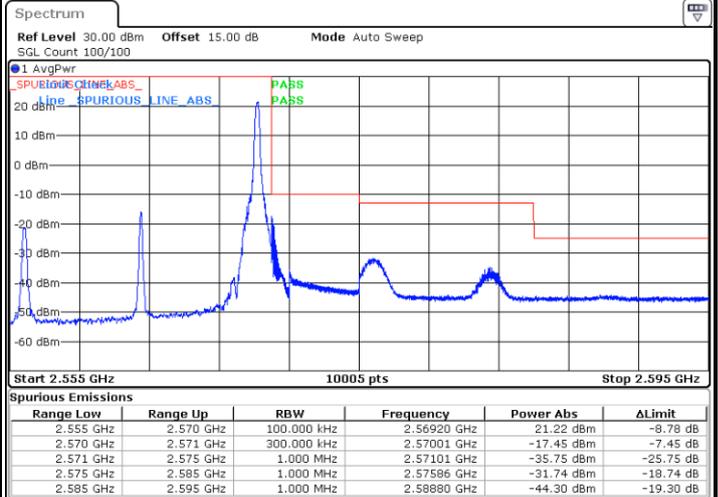
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



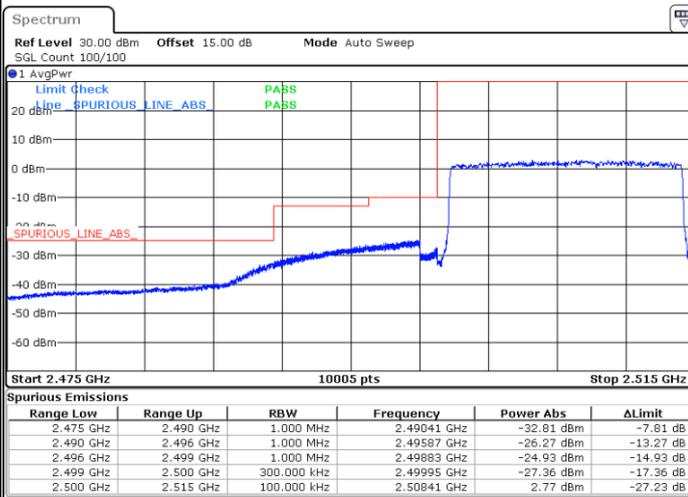
Date: 24 APR 2025 00:27:08

Highest Band Edge / 1 RB



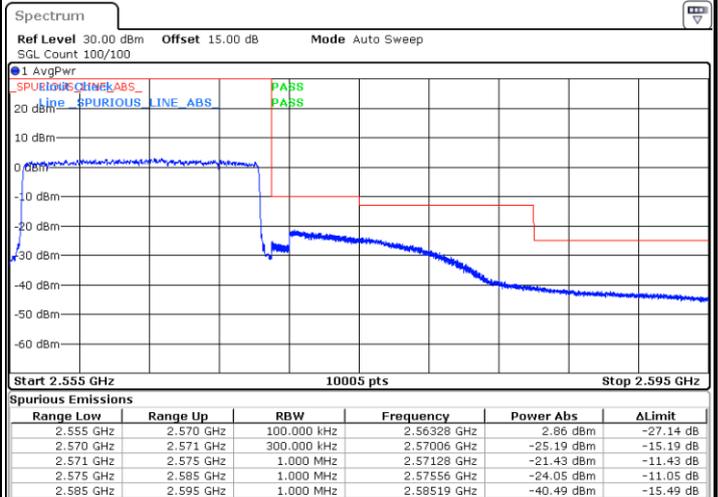
Date: 24 APR 2025 00:38:26

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:30:54

Highest Band Edge / Full RB

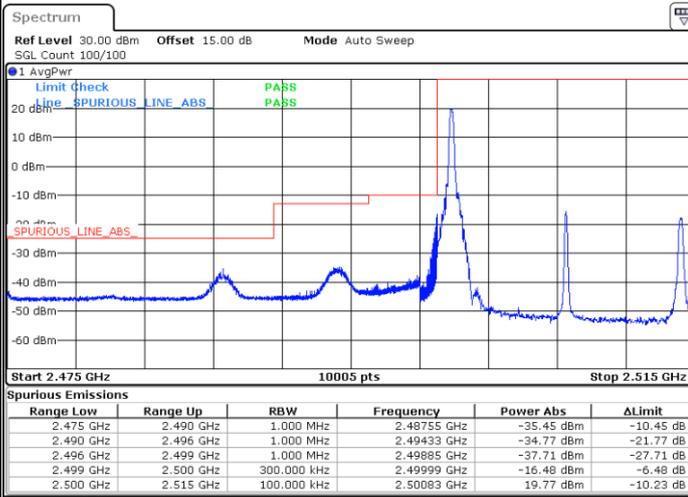


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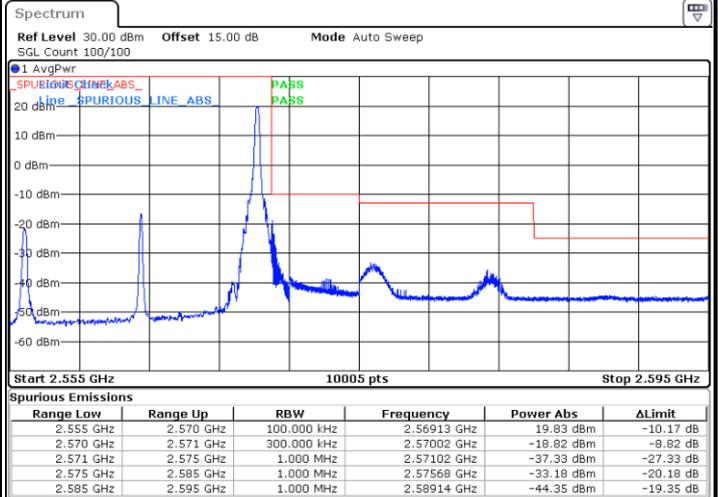
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



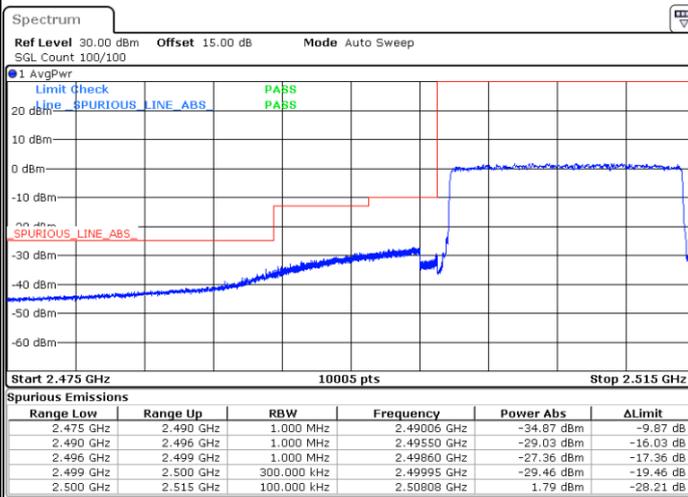
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Highest Band Edge / 1 RB



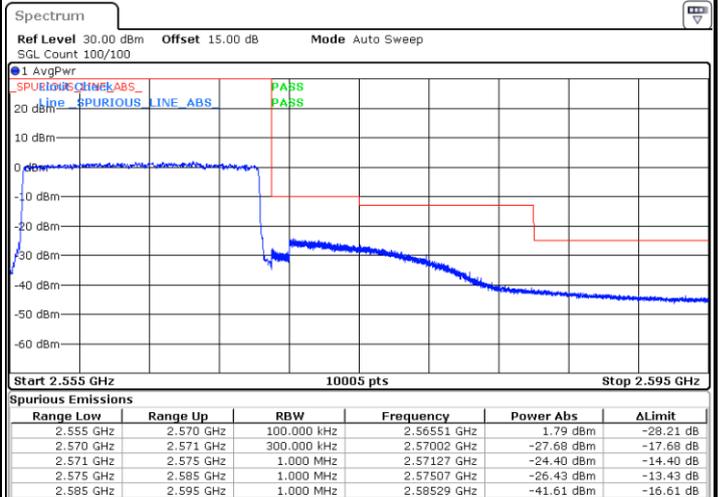
Date: 24 APR 2025 00:39:42

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:32:10

Highest Band Edge / Full RB

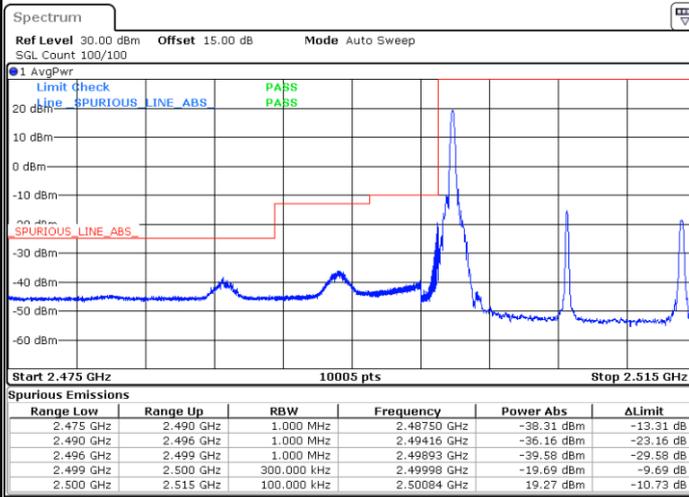


Date: 24 APR 2025 00:43:27



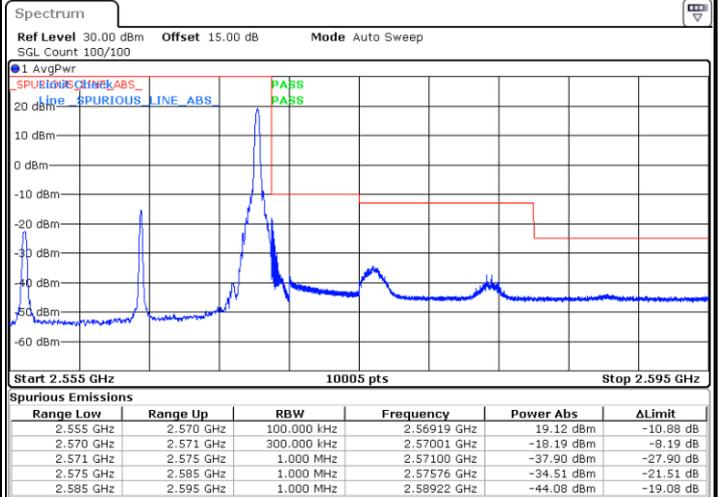
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



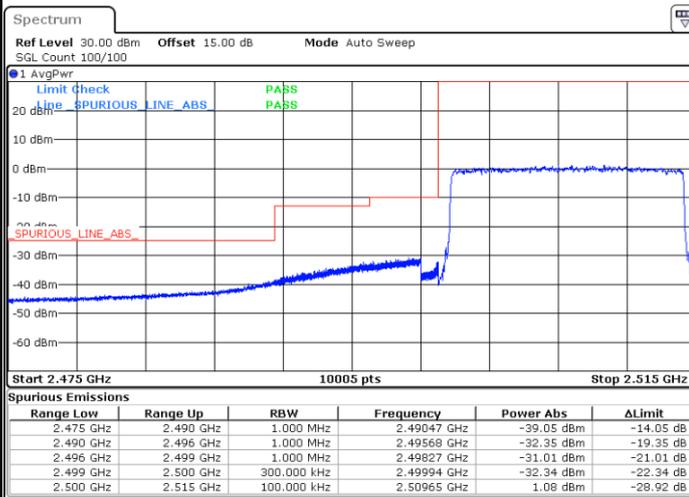
Date: 24 APR 2025 00:29:39

Highest Band Edge / 1 RB



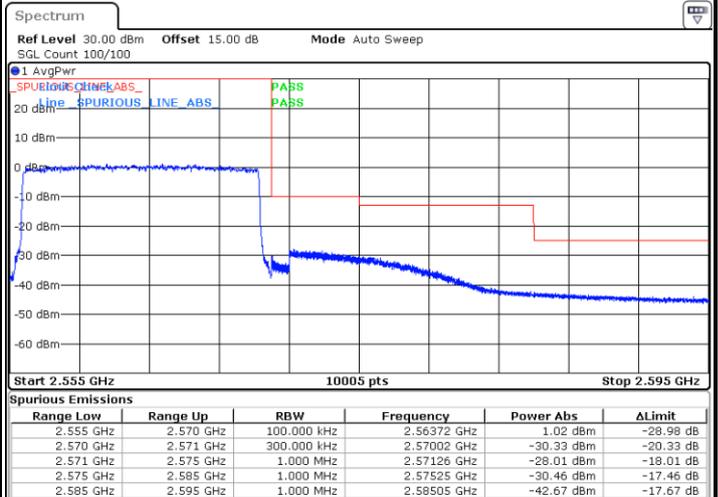
Date: 24 APR 2025 00:40:57

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:33:25

Highest Band Edge / Full RB

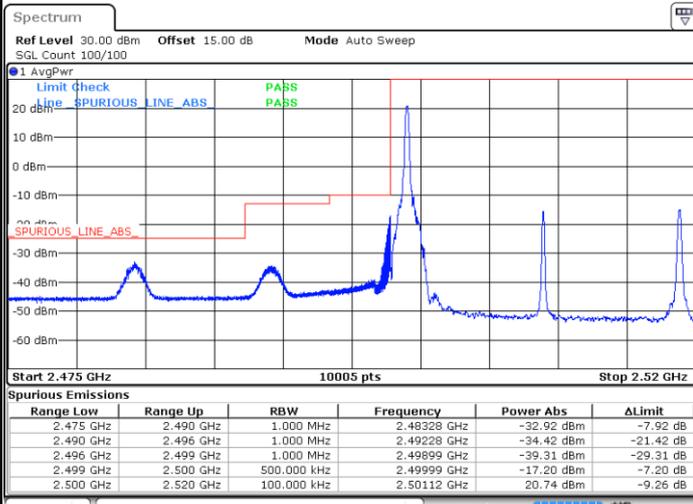


Date: 24 APR 2025 00:44:43



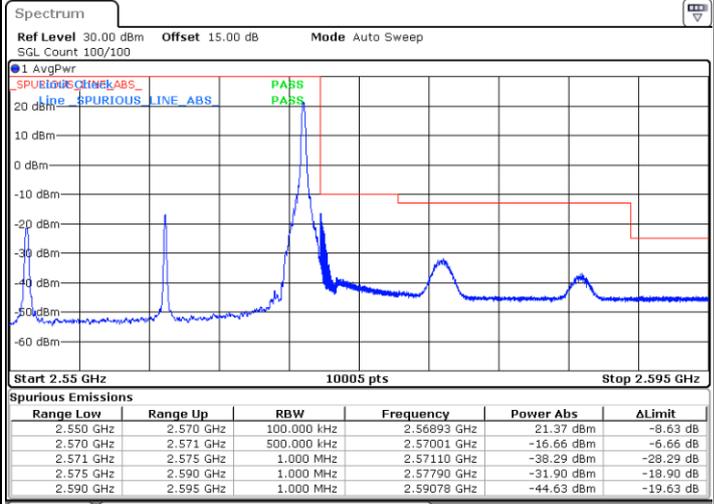
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



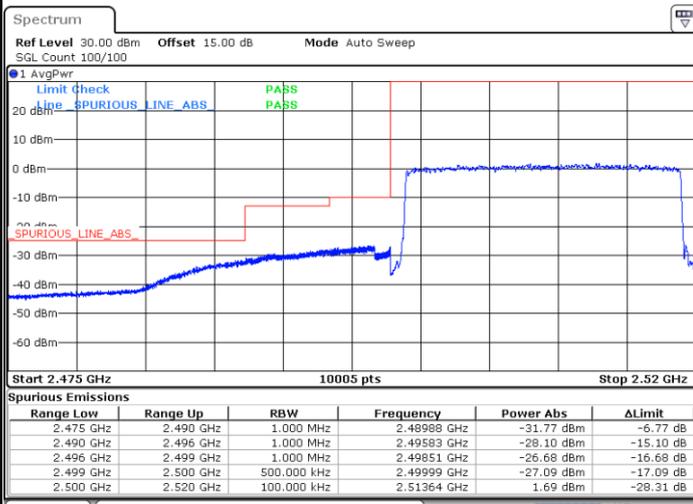
Date: 24 APR 2025 00:47:55

Highest Band Edge / 1 RB



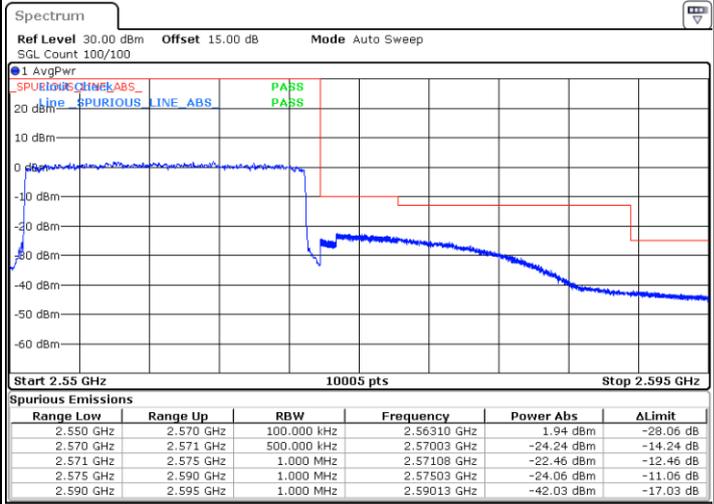
Date: 24 APR 2025 01:00:33

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:51:42

Highest Band Edge / Full RB

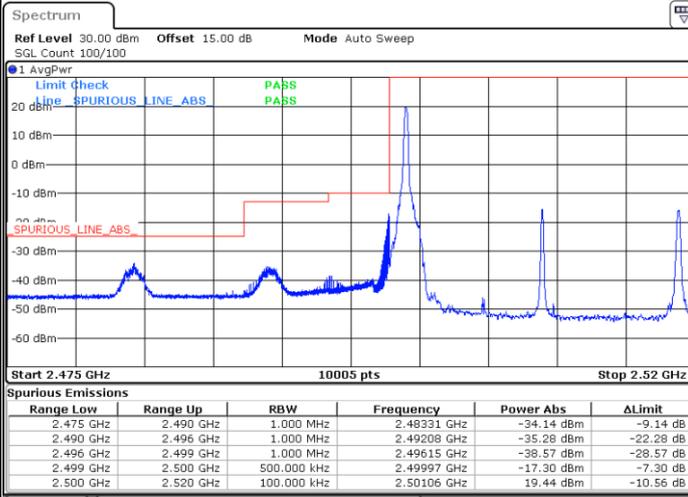


Date: 24 APR 2025 01:04:19



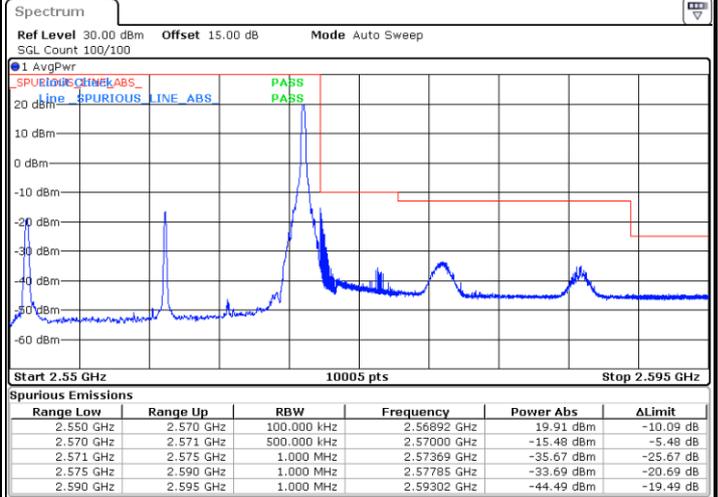
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



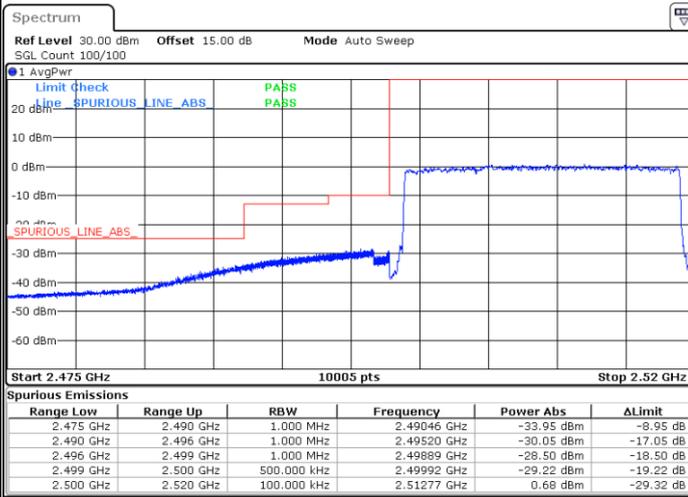
Date: 24 APR 2025 00:49:10

Highest Band Edge / 1 RB



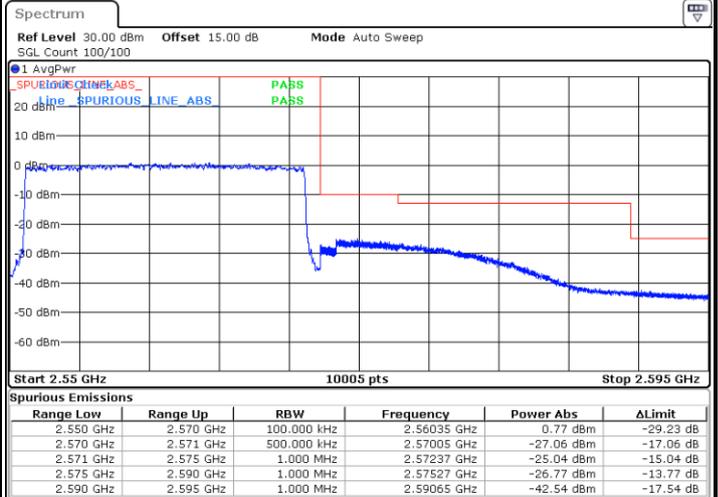
Date: 24 APR 2025 01:01:48

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:52:57

Highest Band Edge / Full RB

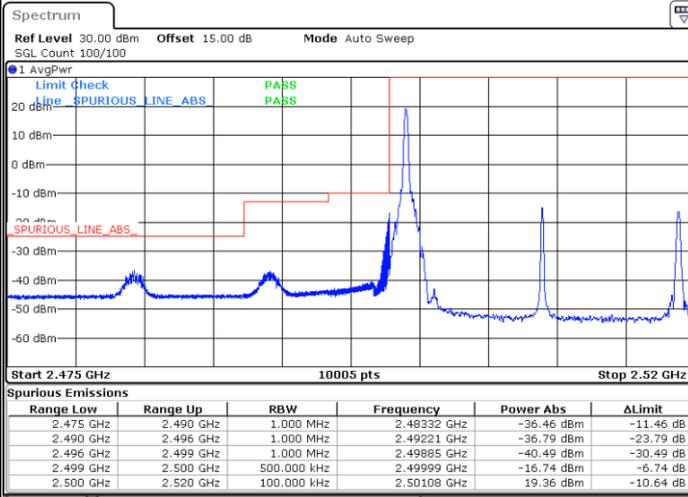


Date: 24 APR 2025 01:05:34



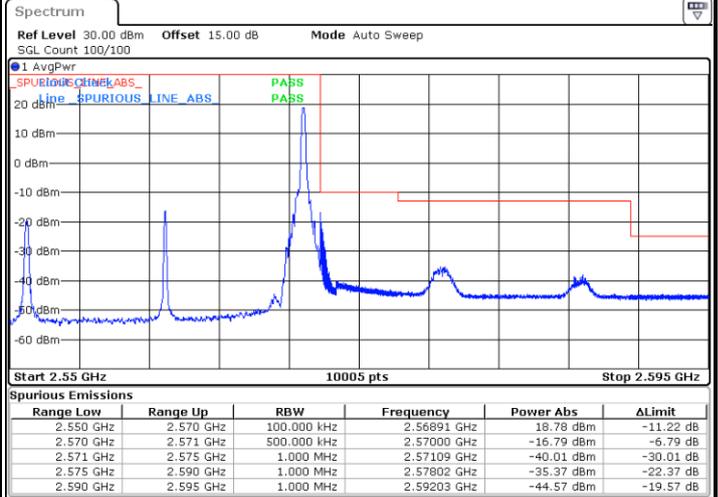
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



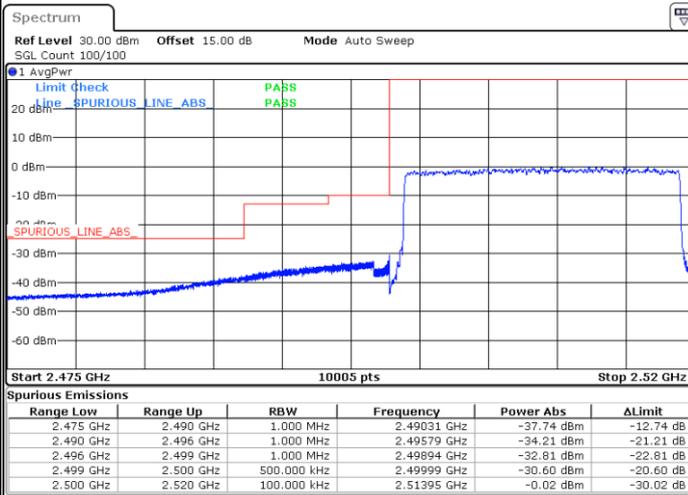
Date: 24 APR 2025 00:50:26

Highest Band Edge / 1 RB



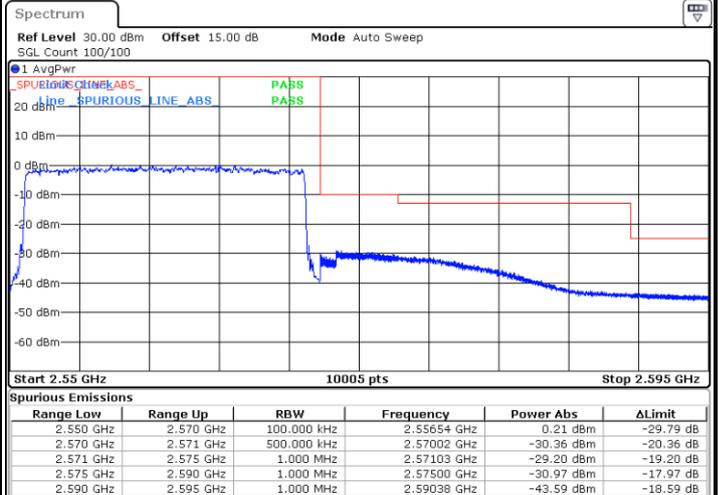
Date: 24 APR 2025 01:03:03

Lowest Band Edge / Full RB



Date: 24 APR 2025 00:54:12

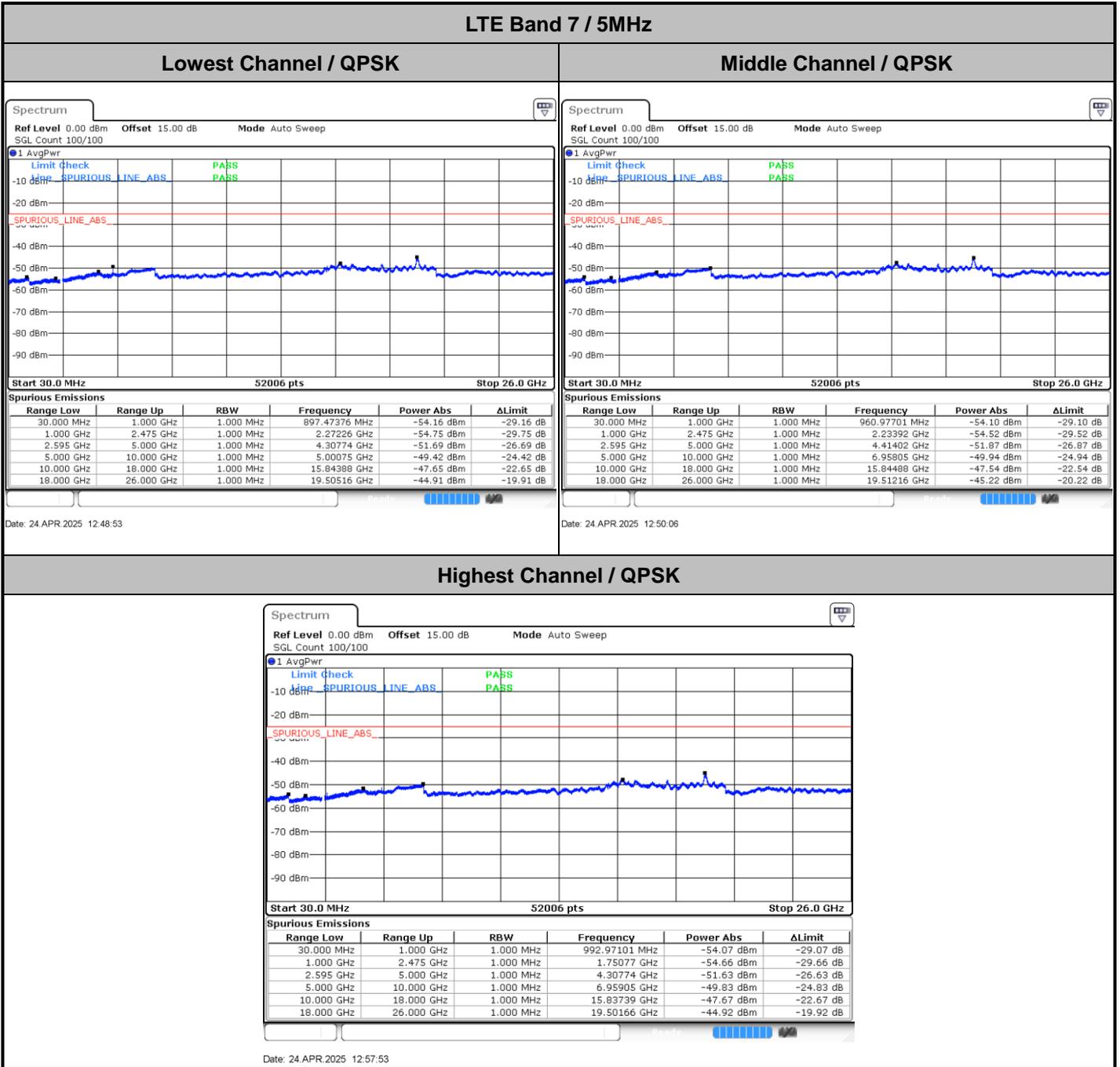
Highest Band Edge / Full RB



Date: 24 APR 2025 01:06:49



Conducted Spurious Emission

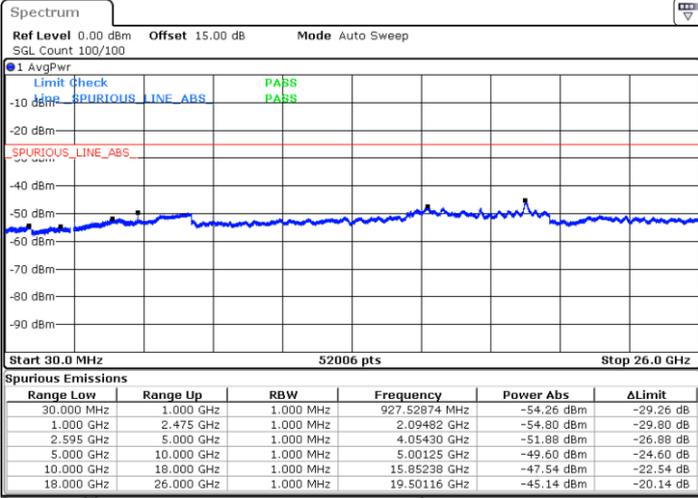




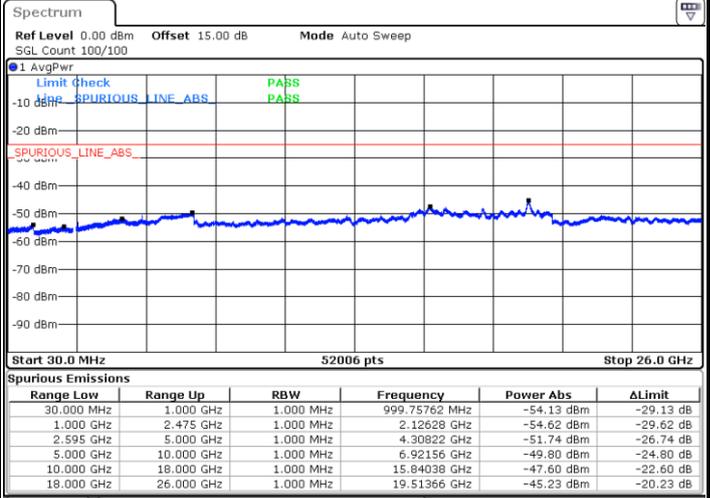
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

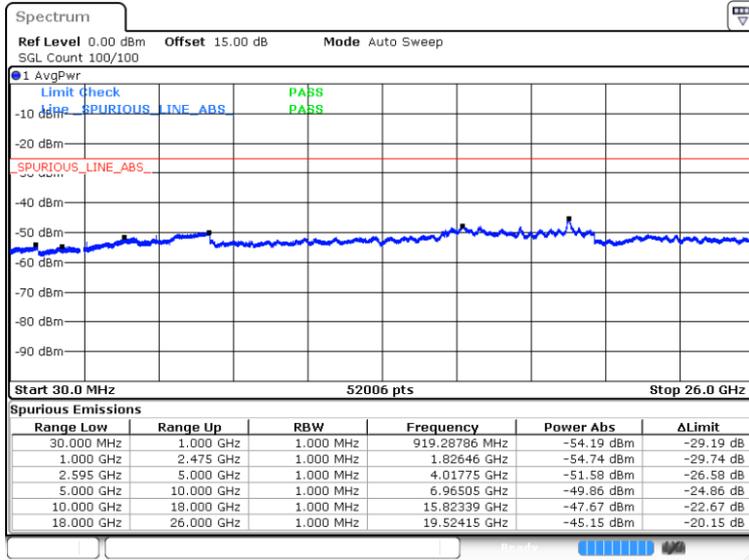


Date: 24 APR 2025 00:13:52



Date: 24 APR 2025 00:15:06

Highest Channel / QPSK



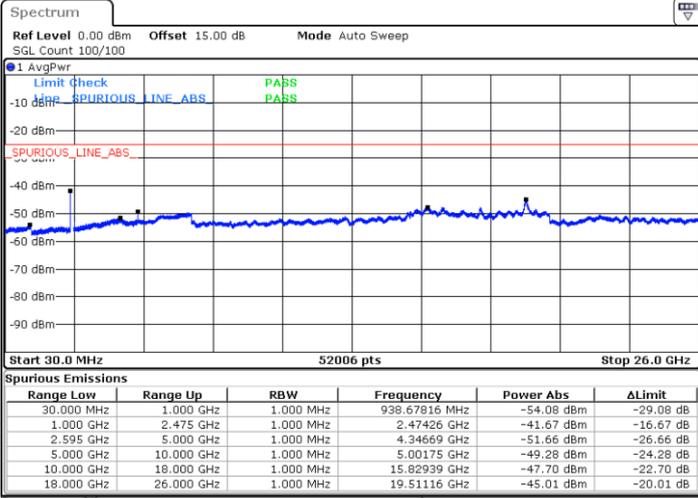
Date: 24 APR 2025 00:25:10



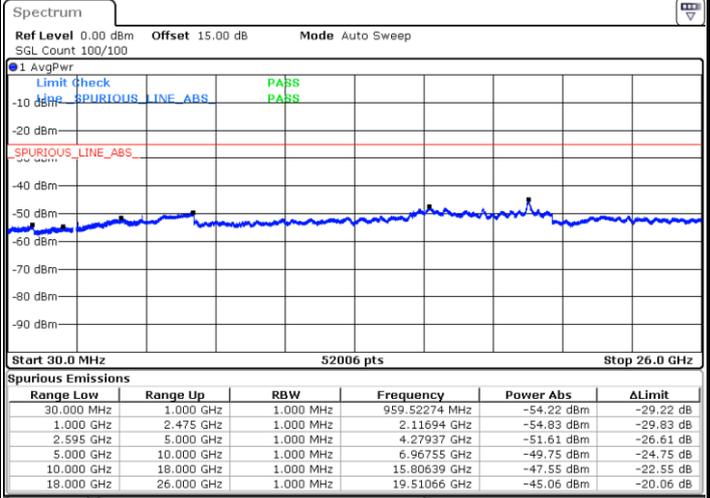
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

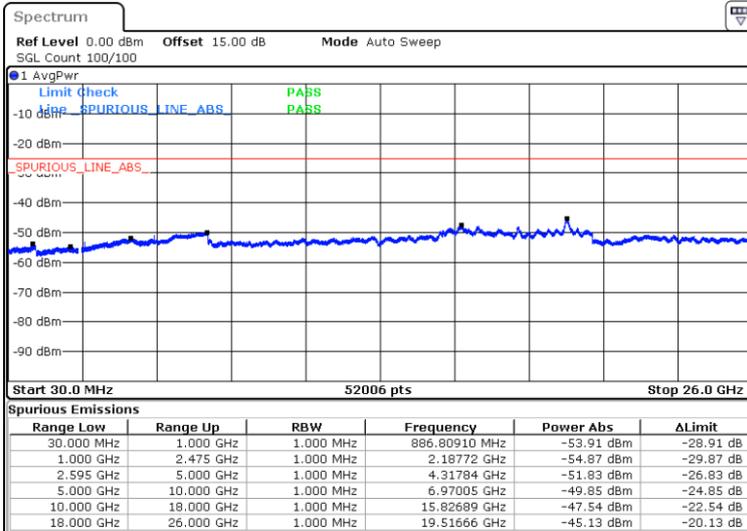


Date: 24 APR 2025 00:34:39



Date: 24 APR 2025 00:35:53

Highest Channel / QPSK



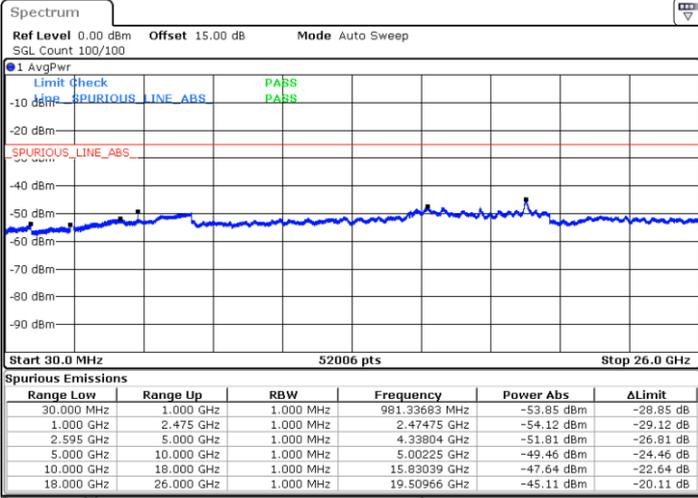
Date: 24 APR 2025 00:45:57



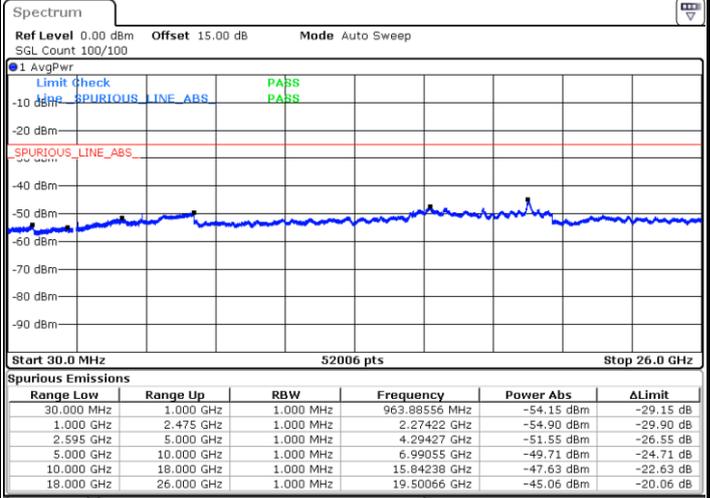
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

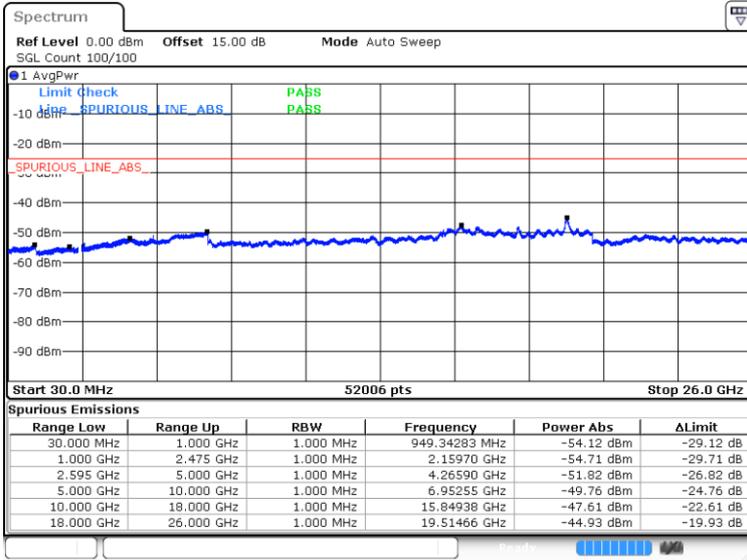


Date: 24 APR 2025 00:55:26



Date: 24 APR 2025 00:56:40

Highest Channel / QPSK



Date: 24 APR 2025 01:08:04



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.87 V.; Battery End Point (BEP) = 3.6 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 13

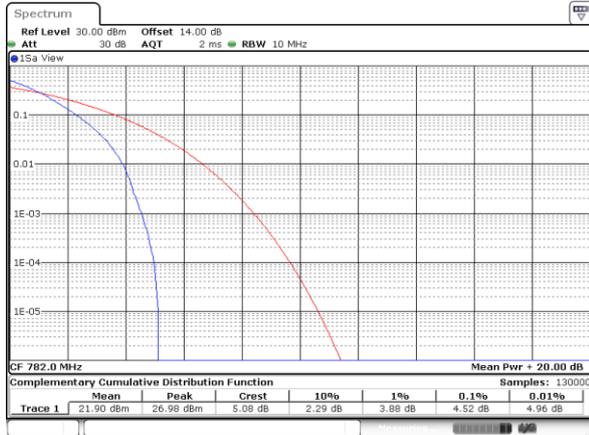
Peak-to-Average Ratio

Mode	LTE Band 13 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.39	5.97	PASS



LTE Band 13 / 10MHz / QPSK

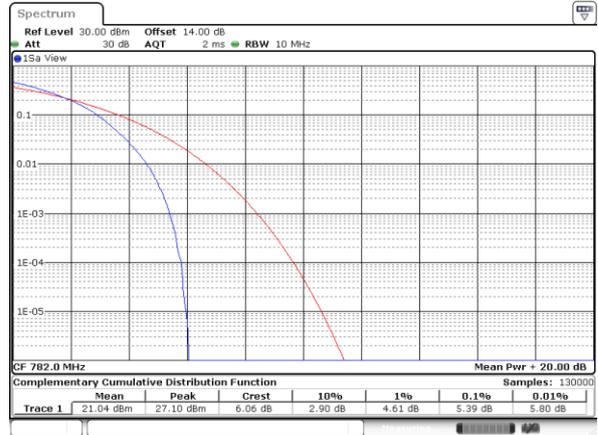
Middle Channel / Full RB



Date: 24 APR 2025 09:05:45

LTE Band 13 / 10MHz / 16QAM

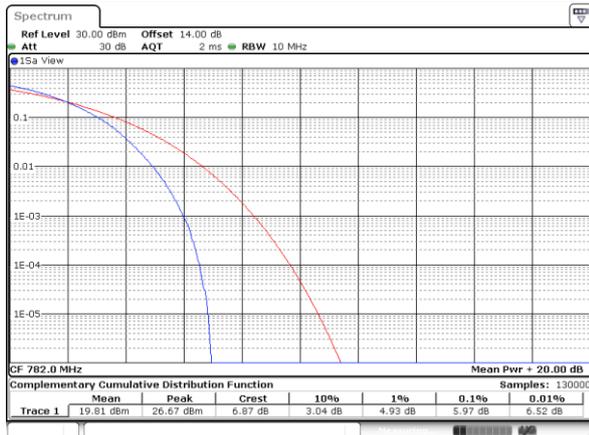
Middle Channel / Full RB



Date: 24 APR 2025 09:06:12

LTE Band 13 / 10MHz / 64QAM

Middle Channel / Full RB



Date: 24 APR 2025 09:06:38



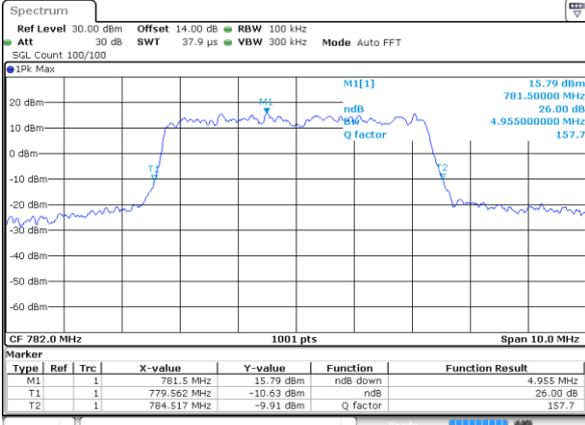
26dB Bandwidth

Mode	LTE Band 13 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.96	4.88	9.79	9.75	-	-	-	-



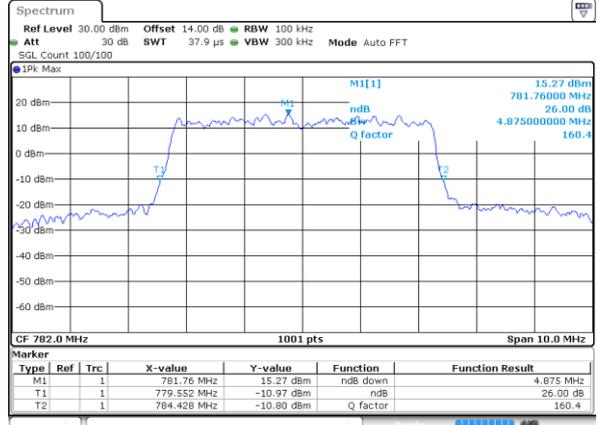
LTE Band 13

Middle Channel / 5MHz / QPSK



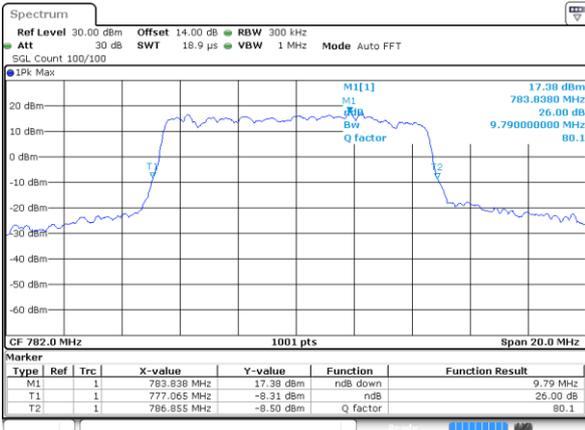
Date: 24 APR 2025 08:41:20

Middle Channel / 5MHz / 16QAM



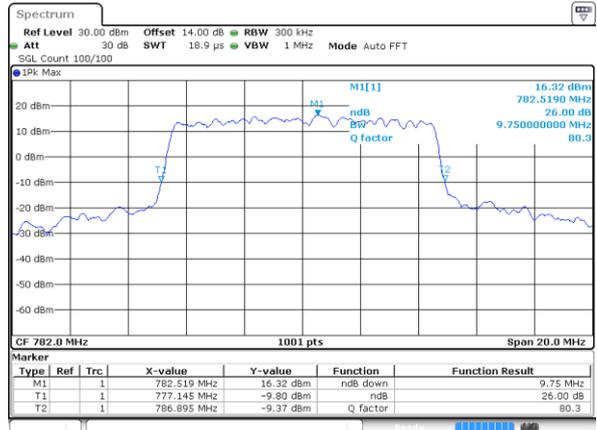
Date: 24 APR 2025 08:41:59

Middle Channel / 10MHz / QPSK



Date: 24 APR 2025 09:04:40

Middle Channel / 10MHz / 16QAM



Date: 24 APR 2025 09:05:19



Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.03	9.03	-	-	-	-