



FCC RF Test Report

APPLICANT : Guangdong OPPO Mobile Telecommunications Corp., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : OPPO
MODEL NAME : CPH2737
FCC ID : R9C-OP24321
STANDARD : 47 CFR Part 27(M)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Mar. 11, 2025 ~ Mar. 23, 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



Sporton International Inc. (ShenZhen)

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People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Manufacturer	5
1.3 Product Feature of Equipment Under Test	5
1.4 Product Specification of Equipment Under Test	5
1.5 Modification of EUT	6
1.6 Maximum EIRP Power and Emission Designator	7
1.7 Testing Location	8
1.8 Test Software	8
1.9 Applicable Standards	9
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	10
2.1 Test Mode	10
2.2 Connection Diagram of Test System	11
2.3 Support Unit used in test configuration and system	12
2.4 Measurement Results Explanation Example	12
2.5 Frequency List of Low/Middle/High Channels	12
3 CONDUCTED TEST ITEMS	15
3.1 Measuring Instruments	15
3.2 Test Setup	15
3.3 Test Result of Conducted Test	15
3.4 Conducted Output Power and EIRP	16
3.5 Peak-to-Average Ratio	18
3.6 Occupied Bandwidth	19
3.7 Conducted Band Edge	20
3.8 Conducted Spurious Emission	21
3.9 Frequency Stability	22
4 RADIATED TEST ITEMS	23
4.1 Measuring Instruments	23
4.2 Test Setup	23
4.3 Test Result of Radiated Test	24
4.4 Radiated Spurious Emission	25
5 LIST OF MEASURING EQUIPMENT	26
6 MEASUREMENT UNCERTAINTY	27
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG521816C	Rev. 01	Initial issue of report	Apr. 22, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	-	Report Only	-
	§27.50(h)(2)	Equivalent Isotropic Radiated Power (Band 7) (Band 38) (Band 41)	EIRP < 2Watt	PASS	-
3.5	N/A	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	-	Report Only	-
3.7	§27.53(m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)	§27.53(m)(4)	PASS	-
3.8	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])	PASS	-
3.9	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Within Authorized Band	PASS	-
4.4	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)	< 55+10log ₁₀ (P[Watts])	PASS	Under limit 25.05 dB at 10104.00 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/manufacture 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

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

1.2 Manufacturer

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City, Guangdong Province, P.R. China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	OPPO
Model Name	CPH2737
FCC ID	R9C-OP24321
IMEI Code	Conducted: 869081070026554/869081070026547 Radiation: 869081070025093/869081070025085
HW Version	11
SW Version	ColorOS 15.0
EUT Stage	Production Unit

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 7 : 2500 MHz ~ 2570 MHz LTE Band 38 : 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Rx Frequency	LTE Band 7 : 2620 MHz ~ 2690 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41 : 2496 MHz ~ 2690 MHz
Bandwidth	LTE Band 7 : 5MHz/ 10MHz / 15MHz / 20MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	Ant5: LTE Band 7 : 24.48 dBm LTE CA_7C: 23.76 dBm LTE Band 38 : 24.49 dBm LTE CA_38C: 23.62 dBm LTE Band 41 : 25.11 dBm Ant6: LTE Band 7 : 24.08 dBm LTE CA_7C: 23.58 dBm LTE Band 38 : 24.00 dBm



	LTE CA_38C: 23.46 dBm LTE Band 41 : 24.69 dBm Ant7: LTE Band 7 : 20.00 dBm LTE CA_7C: 19.40 dBm LTE Band 38 : 20.48 dBm LTE CA_38C: 20.10 dBm LTE Band 41 : 21.20 dBm Ant11: LTE Band 7 : 23.99 dBm LTE CA_7C: 23.58 dBm LTE Band 38 : 24.12 dBm LTE CA_38C: 23.67 dBm LTE Band 41 : 24.85 dBm
Antenna Gain	Ant5: LTE Band 7 : -0.65 dBi LTE Band 38 : -1.1 dBi LTE Band 41 : -0.6 dBi Ant6: LTE Band 7 : -0.3 dBi LTE Band 38 : -2.3 dBi LTE Band 41 : -0.3 dBi An7: LTE Band 7 : 0.6 dBi LTE Band 38 : 0.96 dBi LTE Band 41 : 0.96 dBi Ant11: LTE Band 7 : -2.5 dBi LTE Band 38 : -1.3 dBi LTE Band 41 : -1.2 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

Note:

1. The maximum EIRP is calculated from max output power and max antenna gain, so only the maximum EIRP of Antenna 5 for LTE Band7/38/41/38C and Antenna 6 for LTE Band 7C is shown in the report.
2. LTE B41 supports HPUE mode (PC2).

1.5 Modification of EUT

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



1.6 Maximum EIRP Power and Emission Designator

LTE Band 7		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2502.5 ~ 2567.5	0.2377	4M50G7D	0.2307	4M50W7D
10	2505.0 ~ 2565.0	0.2399	9M01G7D	0.2291	9M09W7D
15	2507.5 ~ 2562.5	0.2366	13M5G7D	0.2317	13M5W7D
20	2510.0 ~ 2560.0	0.2415	17M9G7D	0.2355	17M9W7D
LTE Band 38		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2572.5 ~ 2617.5	0.2158	4M49G7D	0.1995	4M51W7D
10	2575.0 ~ 2615.0	0.2143	9M01G7D	0.2014	9M05W7D
15	2577.5 ~ 2612.5	0.2168	13M4G7D	0.1963	13M4W7D
20	2580.0 ~ 2610.0	0.2183	17M8G7D	0.2023	17M9W7D
LTE Band 41		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
5	2498.5 ~ 2687.5	0.2761	4M49G7D	0.2570	4M51W7D
10	2501.0 ~ 2685.0	0.2786	9M01G7D	0.2547	9M05W7D
15	2503.5 ~ 2682.5	0.2767	13M4G7D	0.2588	13M4W7D
20	2506.0 ~ 2680.0	0.2825	17M8G7D	0.2600	17M9W7D

LTE Band 7 CA		QPSK		16QAM/64QAM/256QAM	
BW (MHz)		Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
10MHz+20MHz		0.2075	28M1G7D	0.2061	28M1W7D
15MHz+15MHz		0.2065	28M7G7D	0.2089	28M6W7D
15MHz+20MHz		0.2094	32M9G7D	0.2104	32M9W7D
15MHz+10MHz		0.2089	23M5G7D	0.2094	23M4W7D
20MHz+10MHz		0.2065	28M2G7D	0.2065	28M0W7D
20MHz+15MHz		0.2084	32M9G7D	0.2118	32M9W7D
20MHz+20MHz		0.2128	37M7G7D	0.2118	37M9W7D



LTE Band 38 CA	QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)
15MHz+15MHz	0.1750	28M8G7D	0.1754	28M7W7D
20MHz+20MHz	0.1786	37M7G7D	0.1778	37M8W7D

Note:

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

1.7 Testing Location

Sporton International Inc. (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; 03CH02-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a



1.9 Applicable Standards

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

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

Remark:

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



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.

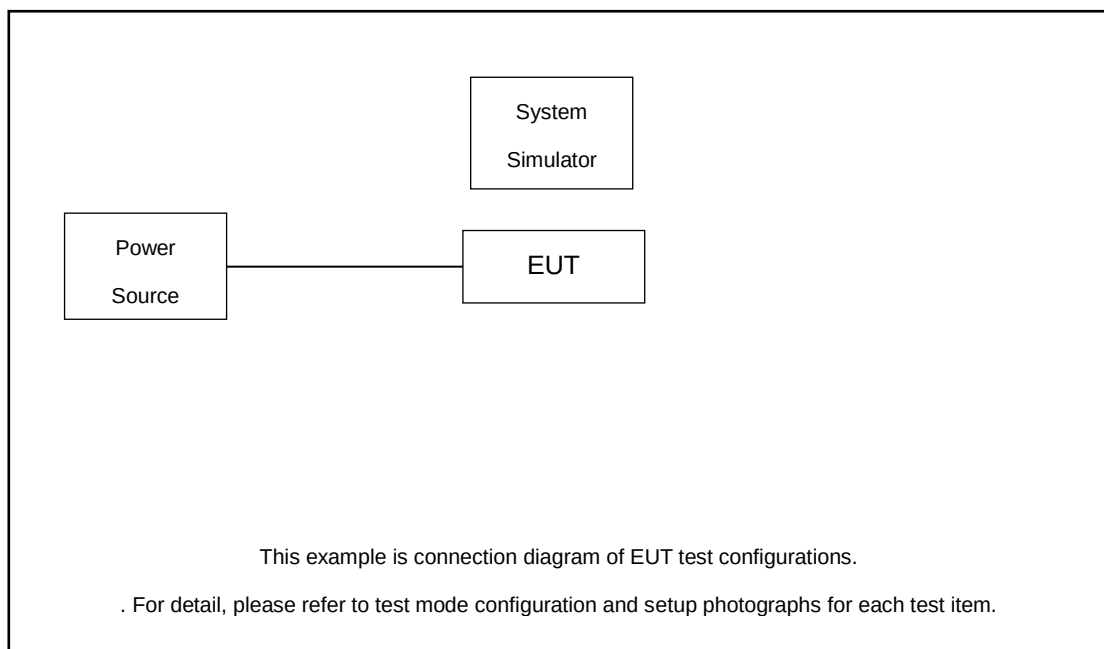
Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	38	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	7	-	-				v	v	v	v				v		v	
	41	-	-				v	v	v	v				v		v	
26dB and 99% Bandwidth	7	-	-	v	v	v	v	v	v					v		v	
	41	-	-	v	v	v	v	v	v					v		v	
Conducted Band Edge	7	-	-	v	v	v	v	v	v	v		v		v	v		v
	41	-	-	v	v	v	v	v	v	v		v		v	v		v
Conducted Spurious Emission	7	-	-	v	v	v	v	v				v			v	v	v
	41	-	-	v	v	v	v	v				v			v	v	v
Frequency Stability	7	-	-		v			v						v		v	
	41	-	-		v			v						v		v	
E.I.R.P	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	41	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	7	Worst Case														v	
	41	Worst Case														v	
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																



Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		20+20	20+15	15+20	20+10	10+20	20+5	5+20	15+15	15+10	10+15	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v			v	v	v
	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v	v	v	v			v	v	v
26dB and 99% Bandwidth	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v					v		v	
	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v					v		v	
Conducted Band Edge	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v		v		v	v		v
	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v	v		v		v	v		v
Conducted Spurious Emission	7C_CA	v	v	v	v	v	-	-	v	v	-	v				v			v	v	v
	38C_CA	v	-	-	-	-	-	-	v	-	-	v				v			v	v	v
E.I.R.P.	7C_CA	v	v	v	v	v	-	-	v	v	-	v	v	v	v	v			v	v	v
	38C_CA	v	-	-	-	-	-	-	v	-	-	v	v	v	v	v			v	v	v
Radiated Spurious Emission	7C_CA	Worst Case																		v	
	38C_CA	Worst Case																		v	
Note	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-“ means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.																				

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.

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

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

LTE Band 7C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350



		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7

LTE Band 38C_CA Channel and Frequency List					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5

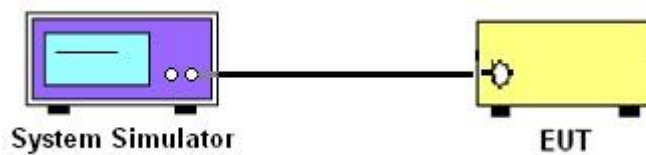
3 Conducted Test Items

3.1 Measuring Instruments

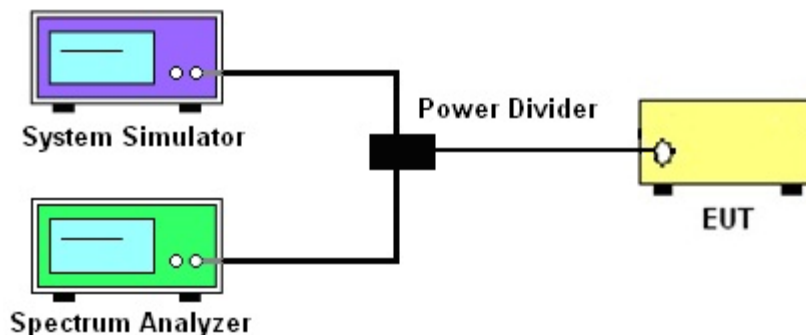
See list of measuring instruments of this test report.

3.2 Test Setup

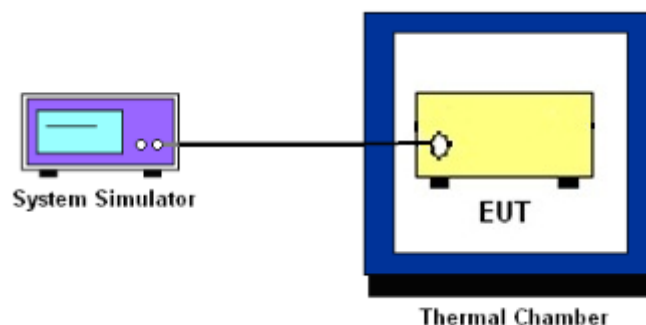
3.2.1 Conducted Output Power



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 EIRP

3.4.1 Description of the Conducted Output Power Measurement and EIRP Measurement

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

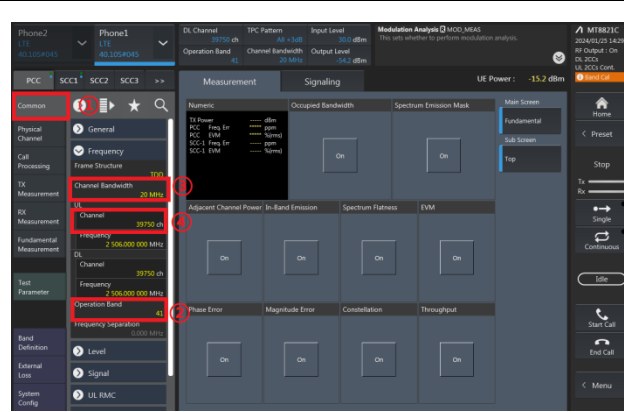
3.4.2 Test Procedures

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

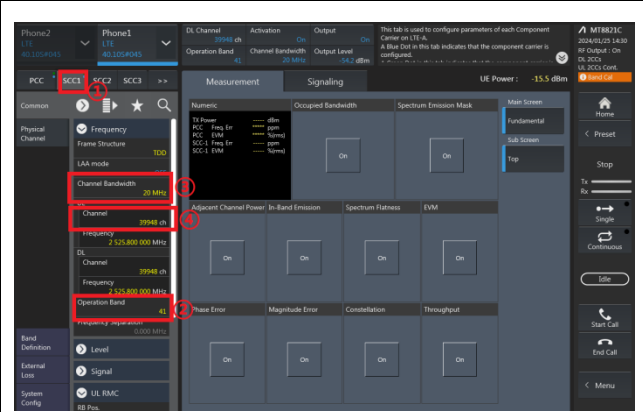
3.4.3 Test Procedures for LTE ULCA

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

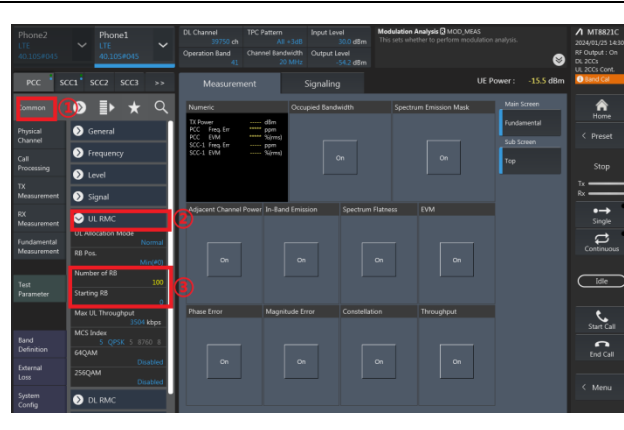
PCC config_ (Channel Bandwidth / Channel / Band)



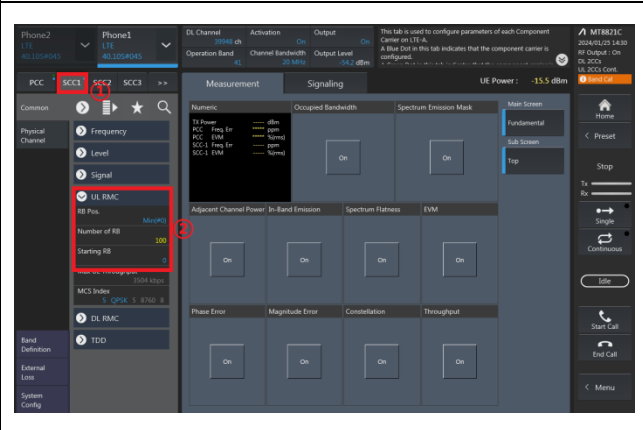
SCC config_ (Channel Bandwidth / Channel / Band)



PCC config_ (Number of RB / Starting RB)

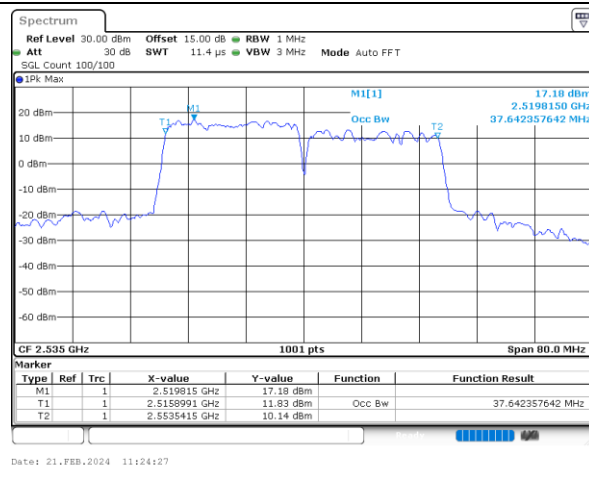


SCC config_ (Number of RB / Starting RB)

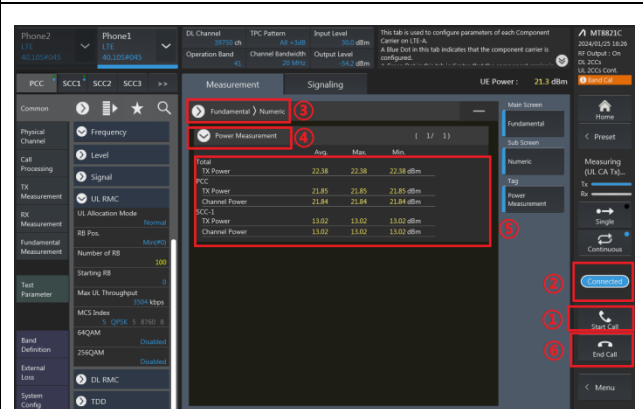


4. Select lowest, middle, and highest channels for each ULCA band and different modulation.
5. Check the ULCA spectrum and record the total power from the system simulator.

Check the ULCA spectrum (eg. 20M+20M)



Read the Total UL CA output power (PCC+SCC)



3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

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

3.5.2 Test Procedures

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

3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

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

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

3.6.2 Test Procedures

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

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

27.53(m)(4)

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

3.7.2 Test Procedures

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

Example:

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

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

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

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

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

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)
 $= -13\text{dBm}$.
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)
 $= -25\text{dBm}$.

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.

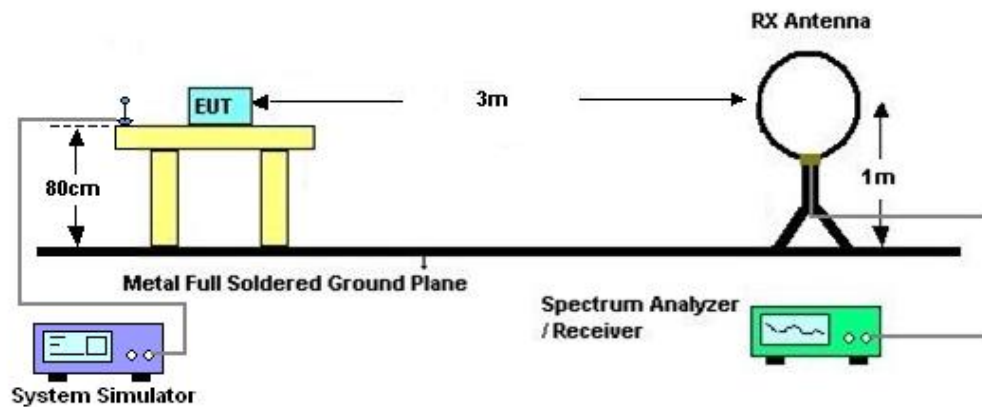
4 Radiated Test Items

4.1 Measuring Instruments

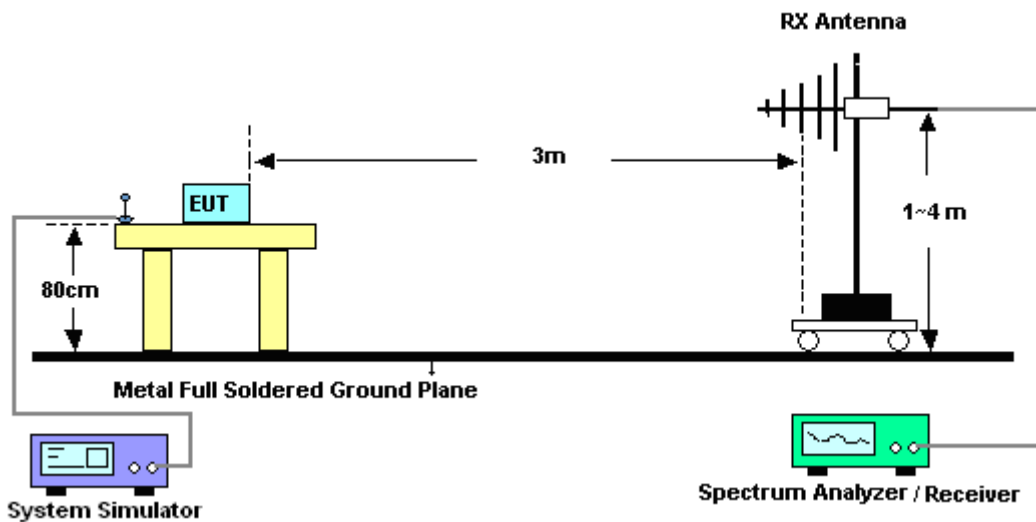
See list of measuring instruments of this test report.

4.2 Test Setup

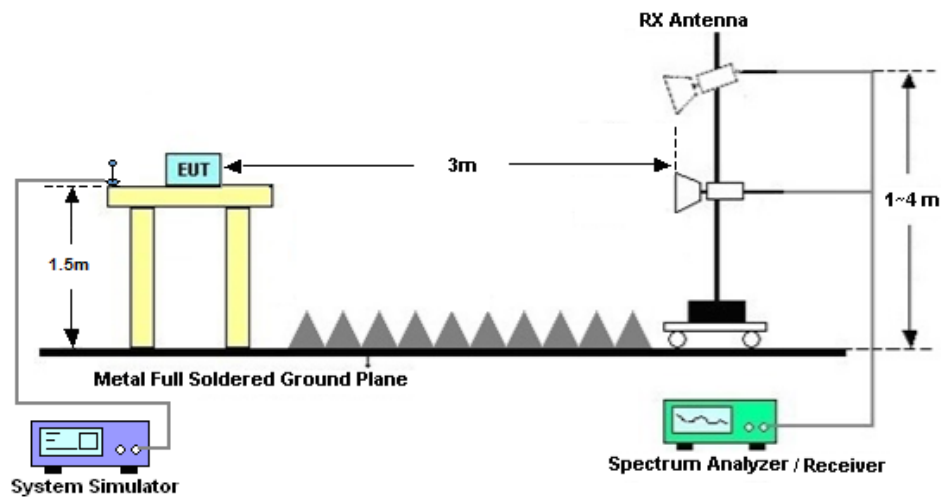
4.2.1 For radiated test below 30MHz



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.

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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)\text{dB}$ below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$

13. For Band 7, 38, 41:

The limit line is derived from $55 + 10\log(P)\text{dB}$ 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. 09, 2024	Mar. 11, 2025~ Mar. 12, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct.14,2024	Mar. 11, 2025~ Mar. 12, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N00518 0	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Mar. 11, 2025~ Mar. 12, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 03, 2024	Mar. 11, 2025~ Mar. 12, 2025	Jul. 02, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Mar. 23, 2025	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Mar. 23, 2025	Dec. 27, 2025	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2023	Mar. 23, 2025	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Mar. 23, 2025	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35 -HG	1871923	18GHz~40GHz	Jul. 03, 2024	Mar. 23, 2025	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2024	Mar. 23, 2025	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Mar. 23, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 14, 2024	Mar. 23, 2025	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	61601000304 3	N/A	Oct. 18, 2024	Mar. 23, 2025	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Mar. 23, 2025	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Mar. 23, 2025	NCR	Radiation (03CH02-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% ($U = 2Uc(y)$)	2.47dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.72dB
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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 EIRP

LTE Band 7 _Ant5:

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	L M H		
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	24.42	24.48	24.42	0.2382	0.2415	0.2382
20	QPSK	1	49	24.39	24.29	24.38	0.2366	0.2312	0.2360
20	QPSK	1	99	24.32	24.35	24.39	0.2328	0.2344	0.2366
20	QPSK	50	0	23.94	24.12	24.10	0.2133	0.2223	0.2213
20	QPSK	50	24	23.90	23.89	24.05	0.2113	0.2109	0.2188
20	QPSK	50	50	23.93	23.96	24.00	0.2128	0.2143	0.2163
20	QPSK	100	0	23.90	24.06	24.02	0.2113	0.2193	0.2173
20	16QAM	1	0	24.15	24.10	24.37	0.2239	0.2213	0.2355
20	16QAM	1	49	24.20	24.23	24.30	0.2265	0.2280	0.2317
20	16QAM	1	99	24.10	24.16	24.33	0.2213	0.2244	0.2333
20	16QAM	50	0	23.39	23.42	23.56	0.1879	0.1892	0.1954
20	16QAM	50	24	23.38	23.43	23.63	0.1875	0.1897	0.1986
20	16QAM	50	50	23.39	23.49	23.66	0.1879	0.1923	0.2000
20	16QAM	100	0	23.37	23.43	23.64	0.1871	0.1897	0.1991
20	64QAM	1	0	23.02	22.96	23.12	0.1726	0.1702	0.1766
20	64QAM	1	49	23.00	23.05	23.15	0.1718	0.1738	0.1778
20	64QAM	1	99	23.08	23.08	23.20	0.1750	0.1750	0.1799
20	64QAM	50	0	22.39	22.45	22.53	0.1493	0.1514	0.1542
20	64QAM	50	24	22.38	22.50	22.58	0.1489	0.1531	0.1560
20	64QAM	50	50	22.41	22.55	22.58	0.1500	0.1549	0.1560
20	64QAM	100	0	22.40	22.46	22.55	0.1496	0.1517	0.1549
20	256QAM	1	0	19.21	19.22	19.11	0.0718	0.0719	0.0701
20	256QAM	1	49	19.01	19.12	19.04	0.0685	0.0703	0.0690
20	256QAM	1	99	19.04	19.13	19.06	0.0690	0.0705	0.0693
20	256QAM	50	0	19.00	19.07	18.99	0.0684	0.0695	0.0682
20	256QAM	50	24	19.15	19.18	19.13	0.0708	0.0713	0.0705
20	256QAM	50	50	19.04	19.09	19.05	0.0690	0.0698	0.0692
20	256QAM	100	0	19.12	19.18	19.16	0.0703	0.0713	0.0710
Channel				20825	21100	21375	L M H		
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	24.30	24.24	24.36	0.2317	0.2286	0.2350
15	QPSK	1	37	24.39	24.39	24.35	0.2366	0.2366	0.2344
15	QPSK	1	74	24.31	24.25	24.30	0.2323	0.2291	0.2317
15	QPSK	36	0	23.80	24.04	24.03	0.2065	0.2183	0.2178
15	QPSK	36	20	23.79	23.85	23.98	0.2061	0.2089	0.2153



15	QPSK	36	39	23.86	23.95	23.95	0.2094	0.2138	0.2138
15	QPSK	75	0	23.84	24.01	23.92	0.2084	0.2168	0.2123
15	16QAM	1	0	24.01	23.95	24.30	0.2168	0.2138	0.2317
15	16QAM	1	37	24.17	24.15	24.19	0.2249	0.2239	0.2259
15	16QAM	1	74	23.98	24.08	24.29	0.2153	0.2203	0.2312
15	16QAM	36	0	23.33	23.33	23.51	0.1854	0.1854	0.1932
15	16QAM	36	20	23.25	23.30	23.48	0.1820	0.1841	0.1919
15	16QAM	36	39	23.31	23.36	23.61	0.1845	0.1866	0.1977
15	16QAM	75	0	23.27	23.35	23.55	0.1828	0.1862	0.1950
15	64QAM	1	0	22.94	22.87	23.03	0.1694	0.1667	0.1730
15	64QAM	1	37	22.85	23.02	23.13	0.1660	0.1726	0.1770
15	64QAM	1	74	23.06	23.05	23.07	0.1742	0.1738	0.1746
15	64QAM	36	0	22.35	22.34	22.43	0.1479	0.1476	0.1507
15	64QAM	36	20	22.27	22.48	22.48	0.1452	0.1524	0.1524
15	64QAM	36	39	22.39	22.41	22.54	0.1493	0.1500	0.1545
15	64QAM	75	0	22.26	22.43	22.51	0.1449	0.1507	0.1535
15	256QAM	1	0	19.08	19.14	19.01	0.0697	0.0706	0.0685
15	256QAM	1	37	18.92	19.04	19.02	0.0671	0.0690	0.0687
15	256QAM	1	74	18.91	19.12	18.98	0.0670	0.0703	0.0681
15	256QAM	36	0	18.89	19.05	18.98	0.0667	0.0692	0.0681
15	256QAM	36	20	19.00	19.12	19.04	0.0684	0.0703	0.0690
15	256QAM	36	39	19.02	18.97	18.98	0.0687	0.0679	0.0681
15	256QAM	75	0	19.05	19.16	19.13	0.0692	0.0710	0.0705
Channel				20800	21100	21400	EIRP(W)		
Frequency (MHz)				2505	2535	2565	L	M	H
10	QPSK	1	0	24.30	24.22	24.25	0.2317	0.2275	0.2291
10	QPSK	1	25	24.30	24.45	24.35	0.2317	0.2399	0.2344
10	QPSK	1	49	24.28	24.31	24.37	0.2307	0.2323	0.2355
10	QPSK	25	0	23.82	23.97	23.97	0.2075	0.2148	0.2148
10	QPSK	25	12	23.84	23.88	23.98	0.2084	0.2104	0.2153
10	QPSK	25	25	23.90	23.81	23.91	0.2113	0.2070	0.2118
10	QPSK	50	0	23.85	23.95	23.94	0.2089	0.2138	0.2133
10	16QAM	1	0	24.00	24.02	24.24	0.2163	0.2173	0.2286
10	16QAM	1	25	24.12	24.13	24.25	0.2223	0.2228	0.2291
10	16QAM	1	49	24.02	24.03	24.25	0.2173	0.2178	0.2291
10	16QAM	25	0	23.33	23.33	23.52	0.1854	0.1854	0.1936
10	16QAM	25	12	23.35	23.34	23.48	0.1862	0.1858	0.1919
10	16QAM	25	25	23.25	23.47	23.60	0.1820	0.1914	0.1972
10	16QAM	50	0	23.35	23.41	23.51	0.1862	0.1888	0.1932
10	64QAM	1	0	22.90	22.84	22.99	0.1679	0.1656	0.1714
10	64QAM	1	25	22.97	22.90	23.02	0.1706	0.1679	0.1726
10	64QAM	1	49	22.93	22.97	23.05	0.1690	0.1706	0.1738
10	64QAM	25	0	22.35	22.33	22.51	0.1479	0.1472	0.1535
10	64QAM	25	12	22.32	22.46	22.53	0.1469	0.1517	0.1542
10	64QAM	25	25	22.35	22.52	22.53	0.1479	0.1538	0.1542
10	64QAM	50	0	22.30	22.39	22.50	0.1462	0.1493	0.1531
10	256QAM	1	0	19.16	19.10	19.07	0.0710	0.0700	0.0695
10	256QAM	1	25	19.00	19.08	18.89	0.0684	0.0697	0.0667
10	256QAM	1	49	18.92	19.02	19.01	0.0671	0.0687	0.0685
10	256QAM	25	0	18.86	18.93	18.93	0.0662	0.0673	0.0673



10	256QAM	25	12	19.04	19.09	19.03	0.0690	0.0698	0.0689
10	256QAM	25	25	19.00	19.08	19.00	0.0684	0.0697	0.0684
10	256QAM	50	0	19.04	19.05	19.03	0.0690	0.0692	0.0689
Channel				20775	21100	21425	EIRP(W)		
Frequency (MHz)				2502.5	2535	2567.5	L	M	H
5	QPSK	1	0	24.34	24.24	24.37	0.2339	0.2286	0.2355
5	QPSK	1	12	24.31	24.41	24.37	0.2323	0.2377	0.2355
5	QPSK	1	24	24.26	24.22	24.33	0.2296	0.2275	0.2333
5	QPSK	12	0	23.92	24.00	24.03	0.2123	0.2163	0.2178
5	QPSK	12	7	23.81	23.81	23.98	0.2070	0.2070	0.2153
5	QPSK	12	13	23.83	23.94	23.99	0.2080	0.2133	0.2158
5	QPSK	25	0	23.83	23.96	23.94	0.2080	0.2143	0.2133
5	16QAM	1	0	24.03	24.09	24.24	0.2178	0.2208	0.2286
5	16QAM	1	12	24.11	24.12	24.16	0.2218	0.2223	0.2244
5	16QAM	1	24	24.06	24.09	24.28	0.2193	0.2208	0.2307
5	16QAM	12	0	23.34	23.40	23.50	0.1858	0.1884	0.1928
5	16QAM	12	7	23.30	23.35	23.51	0.1841	0.1862	0.1932
5	16QAM	12	13	23.30	23.38	23.59	0.1841	0.1875	0.1968
5	16QAM	25	0	23.35	23.31	23.56	0.1862	0.1845	0.1954
5	64QAM	1	0	22.88	22.85	23.06	0.1671	0.1660	0.1742
5	64QAM	1	12	22.86	23.02	23.02	0.1663	0.1726	0.1726
5	64QAM	1	24	22.94	22.97	23.11	0.1694	0.1706	0.1762
5	64QAM	12	0	22.33	22.41	22.44	0.1472	0.1500	0.1510
5	64QAM	12	7	22.24	22.47	22.57	0.1442	0.1521	0.1556
5	64QAM	12	13	22.28	22.41	22.48	0.1455	0.1500	0.1524
5	64QAM	25	0	22.32	22.37	22.44	0.1469	0.1486	0.1510
5	256QAM	1	0	19.16	19.07	18.97	0.0710	0.0695	0.0679
5	256QAM	1	12	18.87	18.99	18.92	0.0664	0.0682	0.0671
5	256QAM	1	24	18.99	19.06	18.92	0.0682	0.0693	0.0671
5	256QAM	12	0	18.92	18.93	18.92	0.0671	0.0673	0.0671
5	256QAM	12	7	19.09	19.14	19.05	0.0698	0.0706	0.0692
5	256QAM	12	13	19.00	19.00	18.93	0.0684	0.0684	0.0673
5	256QAM	25	0	19.05	19.05	19.15	0.0692	0.0692	0.0708

LTE Band 38_Ant5:

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	24.45	24.49	24.42	0.2163	0.2183	0.2148
20	QPSK	1	49	24.33	24.23	24.29	0.2104	0.2056	0.2084
20	QPSK	1	99	24.42	24.41	24.38	0.2148	0.2143	0.2128
20	QPSK	50	0	23.98	24.05	24.02	0.1941	0.1972	0.1959
20	QPSK	50	24	23.85	23.87	23.94	0.1884	0.1892	0.1923
20	QPSK	50	50	23.91	23.97	23.98	0.1910	0.1936	0.1941
20	QPSK	100	0	23.89	24.00	23.96	0.1901	0.1950	0.1932
20	16QAM	1	0	23.89	23.92	23.93	0.1901	0.1914	0.1919
20	16QAM	1	49	23.83	23.90	24.10	0.1875	0.1905	0.1995
20	16QAM	1	99	23.99	24.04	24.16	0.1945	0.1968	0.2023



20	16QAM	50	0	23.34	23.38	23.42	0.1675	0.1690	0.1706
20	16QAM	50	24	23.35	23.43	23.47	0.1679	0.1710	0.1726
20	16QAM	50	50	23.42	23.43	23.57	0.1706	0.1710	0.1766
20	16QAM	100	0	23.34	23.44	23.48	0.1675	0.1714	0.1730
20	64QAM	1	0	22.58	22.59	22.65	0.1406	0.1409	0.1429
20	64QAM	1	49	22.60	22.61	22.80	0.1413	0.1416	0.1479
20	64QAM	1	99	22.67	22.70	22.81	0.1435	0.1445	0.1483
20	64QAM	50	0	22.40	22.40	22.48	0.1349	0.1349	0.1374
20	64QAM	50	24	22.35	22.47	22.58	0.1334	0.1371	0.1406
20	64QAM	50	50	22.50	22.45	22.63	0.1380	0.1365	0.1422
20	64QAM	100	0	22.47	22.42	22.55	0.1371	0.1355	0.1396
20	256QAM	1	0	18.91	19.02	18.95	0.0604	0.0619	0.0610
20	256QAM	1	49	18.86	18.91	18.90	0.0597	0.0604	0.0603
20	256QAM	1	99	19.00	19.01	18.91	0.0617	0.0618	0.0604
20	256QAM	50	0	18.93	18.97	18.84	0.0607	0.0612	0.0594
20	256QAM	50	24	18.83	18.89	18.81	0.0593	0.0601	0.0590
20	256QAM	50	50	18.96	18.99	18.88	0.0611	0.0615	0.0600
20	256QAM	100	0	18.90	18.96	18.94	0.0603	0.0611	0.0608
Channel				37825	38000	38175	EIRP(W)		
Frequency (MHz)				2577.5	2595	2612.5	L	M	H
15	QPSK	1	0	24.23	24.20	24.20	0.2056	0.2042	0.2042
15	QPSK	1	37	24.40	24.46	24.33	0.2138	0.2168	0.2104
15	QPSK	1	74	24.27	24.36	24.35	0.2075	0.2118	0.2113
15	QPSK	36	0	23.87	23.94	23.90	0.1892	0.1923	0.1905
15	QPSK	36	20	23.76	23.76	23.93	0.1845	0.1845	0.1919
15	QPSK	36	39	23.85	23.90	23.93	0.1884	0.1905	0.1919
15	QPSK	75	0	23.87	23.93	23.87	0.1892	0.1919	0.1892
15	16QAM	1	0	23.81	23.80	23.78	0.1866	0.1862	0.1854
15	16QAM	1	37	23.82	23.86	23.96	0.1871	0.1888	0.1932
15	16QAM	1	74	23.91	24.03	24.03	0.1910	0.1963	0.1963
15	16QAM	36	0	23.33	23.24	23.27	0.1671	0.1637	0.1648
15	16QAM	36	20	23.23	23.35	23.42	0.1633	0.1679	0.1706
15	16QAM	36	39	23.38	23.41	23.46	0.1690	0.1702	0.1722
15	16QAM	75	0	23.21	23.35	23.42	0.1626	0.1679	0.1706
15	64QAM	1	0	22.56	22.46	22.56	0.1400	0.1368	0.1400
15	64QAM	1	37	22.55	22.46	22.68	0.1396	0.1368	0.1439
15	64QAM	1	74	22.59	22.56	22.74	0.1409	0.1400	0.1459
15	64QAM	36	0	22.34	22.32	22.35	0.1330	0.1324	0.1334
15	64QAM	36	20	22.23	22.33	22.46	0.1297	0.1327	0.1368
15	64QAM	36	39	22.43	22.30	22.55	0.1358	0.1318	0.1396
15	64QAM	75	0	22.43	22.29	22.40	0.1358	0.1315	0.1349
15	256QAM	1	0	18.85	18.91	18.86	0.0596	0.0604	0.0597
15	256QAM	1	37	18.74	18.86	18.81	0.0581	0.0597	0.0590
15	256QAM	1	74	18.93	18.92	18.76	0.0607	0.0605	0.0583
15	256QAM	36	0	18.91	18.93	18.69	0.0604	0.0607	0.0574
15	256QAM	36	20	18.68	18.86	18.72	0.0573	0.0597	0.0578
15	256QAM	36	39	18.82	18.84	18.87	0.0592	0.0594	0.0598
15	256QAM	75	0	18.89	18.89	18.88	0.0601	0.0601	0.0600
Channel				37800	38000	38200	EIRP(W)		
Frequency (MHz)				2575	2595	2615	L	M	H



10	QPSK	1	0	24.24	24.17	24.14	0.2061	0.2028	0.2014
10	QPSK	1	25	24.33	24.39	24.33	0.2104	0.2133	0.2104
10	QPSK	1	49	24.41	24.30	24.27	0.2143	0.2089	0.2075
10	QPSK	25	0	23.96	23.98	23.97	0.1932	0.1941	0.1936
10	QPSK	25	12	23.71	23.73	23.80	0.1824	0.1832	0.1862
10	QPSK	25	25	23.76	23.96	23.93	0.1845	0.1932	0.1919
10	QPSK	50	0	23.85	23.97	23.94	0.1884	0.1936	0.1923
10	16QAM	1	0	23.87	23.91	23.87	0.1892	0.1910	0.1892
10	16QAM	1	25	23.81	23.80	24.09	0.1866	0.1862	0.1991
10	16QAM	1	49	23.92	23.98	24.14	0.1914	0.1941	0.2014
10	16QAM	25	0	23.30	23.25	23.30	0.1660	0.1641	0.1660
10	16QAM	25	12	23.29	23.30	23.46	0.1656	0.1660	0.1722
10	16QAM	25	25	23.29	23.36	23.43	0.1656	0.1683	0.1710
10	16QAM	50	0	23.28	23.36	23.45	0.1652	0.1683	0.1718
10	64QAM	1	0	22.44	22.56	22.59	0.1361	0.1400	0.1409
10	64QAM	1	25	22.57	22.56	22.73	0.1403	0.1400	0.1455
10	64QAM	1	49	22.52	22.62	22.68	0.1387	0.1419	0.1439
10	64QAM	25	0	22.36	22.25	22.43	0.1337	0.1303	0.1358
10	64QAM	25	12	22.31	22.32	22.47	0.1321	0.1324	0.1371
10	64QAM	25	25	22.38	22.40	22.49	0.1343	0.1349	0.1377
10	64QAM	50	0	22.37	22.32	22.40	0.1340	0.1324	0.1349
10	256QAM	1	0	18.85	19.01	18.84	0.0596	0.0618	0.0594
10	256QAM	1	25	18.74	18.81	18.80	0.0581	0.0590	0.0589
10	256QAM	1	49	18.96	18.90	18.85	0.0611	0.0603	0.0596
10	256QAM	25	0	18.91	18.94	18.77	0.0604	0.0608	0.0585
10	256QAM	25	12	18.68	18.79	18.79	0.0573	0.0587	0.0587
10	256QAM	25	25	18.87	18.91	18.75	0.0598	0.0604	0.0582
10	256QAM	50	0	18.75	18.81	18.82	0.0582	0.0590	0.0592
Channel				37775	38000	38225	EIRP(W)		
Frequency (MHz)				2572.5	2595	2617.5	L	M	H
5	QPSK	1	0	24.29	24.20	24.15	0.2084	0.2042	0.2018
5	QPSK	1	12	24.35	24.44	24.33	0.2113	0.2158	0.2104
5	QPSK	1	24	24.37	24.27	24.34	0.2123	0.2075	0.2109
5	QPSK	12	0	23.96	23.96	23.98	0.1932	0.1932	0.1941
5	QPSK	12	7	23.81	23.74	23.91	0.1866	0.1837	0.1910
5	QPSK	12	13	23.80	23.96	23.88	0.1862	0.1932	0.1897
5	QPSK	25	0	23.88	23.90	23.89	0.1897	0.1905	0.1901
5	16QAM	1	0	23.88	23.77	23.81	0.1897	0.1849	0.1866
5	16QAM	1	12	23.71	23.82	23.98	0.1824	0.1871	0.1941
5	16QAM	1	24	23.97	23.93	24.10	0.1936	0.1919	0.1995
5	16QAM	12	0	23.24	23.33	23.36	0.1637	0.1671	0.1683
5	16QAM	12	7	23.20	23.35	23.34	0.1622	0.1679	0.1675
5	16QAM	12	13	23.37	23.36	23.53	0.1687	0.1683	0.1750
5	16QAM	25	0	23.30	23.34	23.45	0.1660	0.1675	0.1718
5	64QAM	1	0	22.55	22.55	22.55	0.1396	0.1396	0.1396
5	64QAM	1	12	22.51	22.55	22.72	0.1384	0.1396	0.1452
5	64QAM	1	24	22.56	22.64	22.70	0.1400	0.1426	0.1445
5	64QAM	12	0	22.37	22.39	22.38	0.1340	0.1346	0.1343
5	64QAM	12	7	22.31	22.34	22.52	0.1321	0.1330	0.1387
5	64QAM	12	13	22.42	22.30	22.50	0.1355	0.1318	0.1380



5	64QAM	25	0	22.34	22.35	22.45	0.1330	0.1334	0.1365
5	256QAM	1	0	18.79	18.98	18.92	0.0587	0.0614	0.0605
5	256QAM	1	12	18.75	18.81	18.75	0.0582	0.0590	0.0582
5	256QAM	1	24	18.93	19.00	18.76	0.0607	0.0617	0.0583
5	256QAM	12	0	18.85	18.88	18.77	0.0596	0.0600	0.0585
5	256QAM	12	7	18.79	18.87	18.79	0.0587	0.0598	0.0587
5	256QAM	12	13	18.81	18.92	18.73	0.0590	0.0605	0.0579
5	256QAM	25	0	18.87	18.93	18.89	0.0598	0.0607	0.0601

LTE Band 41_Ant5:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP(W)		
Channel				39750	40620	41490			
Frequency (MHz)				2506	2593	2680	L	M	H
20	QPSK	1	0	25.10	25.11	25.00	0.2818	0.2825	0.2754
20	QPSK	1	49	25.09	24.97	24.85	0.2812	0.2735	0.2661
20	QPSK	1	99	25.07	25.01	24.95	0.2799	0.2761	0.2723
20	QPSK	50	0	24.58	24.65	24.62	0.2500	0.2541	0.2523
20	QPSK	50	24	24.44	24.52	24.40	0.2421	0.2466	0.2399
20	QPSK	50	50	24.48	24.55	24.45	0.2443	0.2483	0.2427
20	QPSK	100	0	24.56	24.63	24.52	0.2489	0.2529	0.2466
20	16QAM	1	0	24.74	24.75	24.69	0.2594	0.2600	0.2564
20	16QAM	1	49	24.61	24.65	24.54	0.2518	0.2541	0.2477
20	16QAM	1	99	24.60	24.64	24.59	0.2512	0.2535	0.2506
20	16QAM	50	0	24.01	24.12	24.09	0.2193	0.2249	0.2234
20	16QAM	50	24	23.97	24.03	23.88	0.2173	0.2203	0.2128
20	16QAM	50	50	24.04	24.08	24.02	0.2208	0.2228	0.2198
20	16QAM	100	0	23.98	24.00	23.93	0.2178	0.2188	0.2153
20	64QAM	1	0	23.50	23.60	23.48	0.1950	0.1995	0.1941
20	64QAM	1	49	23.47	23.55	23.52	0.1936	0.1972	0.1959
20	64QAM	1	99	23.56	23.58	23.48	0.1977	0.1986	0.1941
20	64QAM	50	0	23.07	23.15	23.12	0.1766	0.1799	0.1786
20	64QAM	50	24	23.08	23.09	23.06	0.1770	0.1774	0.1762
20	64QAM	50	50	22.98	23.10	22.95	0.1730	0.1778	0.1718
20	64QAM	100	0	22.94	23.01	22.91	0.1714	0.1742	0.1702
20	256QAM	1	0	19.87	20.00	19.96	0.0845	0.0871	0.0863
20	256QAM	1	49	19.79	19.88	19.78	0.0830	0.0847	0.0828
20	256QAM	1	99	19.81	19.93	19.79	0.0834	0.0857	0.0830
20	256QAM	50	0	19.94	19.95	19.88	0.0859	0.0861	0.0847
20	256QAM	50	24	19.83	19.90	19.80	0.0838	0.0851	0.0832
20	256QAM	50	50	19.80	19.88	19.81	0.0832	0.0847	0.0834
20	256QAM	100	0	19.85	19.95	19.91	0.0841	0.0861	0.0853
Channel				39725	40620	41515	EIRP(W)		
Frequency (MHz)				2503.5	2593	2682.5	L	M	H
15	QPSK	1	0	24.97	24.86	24.75	0.2735	0.2667	0.2600
15	QPSK	1	37	25.01	25.02	24.88	0.2761	0.2767	0.2679
15	QPSK	1	74	24.93	24.95	24.87	0.2710	0.2723	0.2673
15	QPSK	36	0	24.46	24.62	24.48	0.2432	0.2523	0.2443
15	QPSK	36	20	24.43	24.50	24.36	0.2415	0.2455	0.2377



15	QPSK	36	39	24.47	24.51	24.42	0.2438	0.2460	0.2410
15	QPSK	75	0	24.49	24.56	24.41	0.2449	0.2489	0.2404
15	16QAM	1	0	24.66	24.73	24.58	0.2547	0.2588	0.2500
15	16QAM	1	37	24.49	24.58	24.53	0.2449	0.2500	0.2472
15	16QAM	1	74	24.52	24.62	24.53	0.2466	0.2523	0.2472
15	16QAM	36	0	23.98	24.09	24.03	0.2178	0.2234	0.2203
15	16QAM	36	20	23.92	23.95	23.83	0.2148	0.2163	0.2104
15	16QAM	36	39	23.97	23.97	23.91	0.2173	0.2173	0.2143
15	16QAM	75	0	23.87	23.92	23.90	0.2123	0.2148	0.2138
15	64QAM	1	0	23.39	23.45	23.42	0.1901	0.1928	0.1914
15	64QAM	1	37	23.33	23.54	23.40	0.1875	0.1968	0.1905
15	64QAM	1	74	23.41	23.55	23.40	0.1910	0.1972	0.1905
15	64QAM	36	0	23.02	23.00	23.08	0.1746	0.1738	0.1770
15	64QAM	36	20	23.02	22.95	22.97	0.1746	0.1718	0.1726
15	64QAM	36	39	22.92	23.02	22.84	0.1706	0.1746	0.1675
15	64QAM	75	0	22.79	22.86	22.86	0.1656	0.1683	0.1683
15	256QAM	1	0	19.80	19.85	19.95	0.0832	0.0841	0.0861
15	256QAM	1	37	19.70	19.76	19.68	0.0813	0.0824	0.0809
15	256QAM	1	74	19.75	19.85	19.70	0.0822	0.0841	0.0813
15	256QAM	36	0	19.82	19.94	19.80	0.0836	0.0859	0.0832
15	256QAM	36	20	19.68	19.76	19.73	0.0809	0.0824	0.0818
15	256QAM	36	39	19.66	19.87	19.72	0.0805	0.0845	0.0817
15	256QAM	75	0	19.70	19.88	19.90	0.0813	0.0847	0.0851
Channel				39700	40620	41540	EIRP(W)		
Frequency (MHz)				2501	2593	2685	L	M	H
10	QPSK	1	0	25.05	24.87	24.70	0.2786	0.2673	0.2570
10	QPSK	1	25	25.04	25.03	24.96	0.2780	0.2773	0.2729
10	QPSK	1	49	24.98	24.98	24.86	0.2742	0.2742	0.2667
10	QPSK	25	0	24.50	24.61	24.59	0.2455	0.2518	0.2506
10	QPSK	25	12	24.38	24.50	24.35	0.2388	0.2455	0.2371
10	QPSK	25	25	24.36	24.42	24.30	0.2377	0.2410	0.2344
10	QPSK	50	0	24.51	24.60	24.45	0.2460	0.2512	0.2427
10	16QAM	1	0	24.66	24.60	24.62	0.2547	0.2512	0.2523
10	16QAM	1	25	24.58	24.61	24.49	0.2500	0.2518	0.2449
10	16QAM	1	49	24.57	24.52	24.54	0.2495	0.2466	0.2477
10	16QAM	25	0	23.92	24.01	23.95	0.2148	0.2193	0.2163
10	16QAM	25	12	23.83	23.94	23.82	0.2104	0.2158	0.2099
10	16QAM	25	25	23.99	24.05	23.93	0.2183	0.2213	0.2153
10	16QAM	50	0	23.95	23.95	23.78	0.2163	0.2163	0.2080
10	64QAM	1	0	23.47	23.52	23.33	0.1936	0.1959	0.1875
10	64QAM	1	25	23.46	23.49	23.38	0.1932	0.1945	0.1897
10	64QAM	1	49	23.43	23.45	23.34	0.1919	0.1928	0.1879
10	64QAM	25	0	22.95	23.00	23.00	0.1718	0.1738	0.1738
10	64QAM	25	12	23.07	23.07	22.91	0.1766	0.1766	0.1702
10	64QAM	25	25	22.95	23.06	22.91	0.1718	0.1762	0.1702
10	64QAM	50	0	22.81	22.95	22.90	0.1663	0.1718	0.1698
10	256QAM	1	0	19.82	19.96	19.92	0.0836	0.0863	0.0855
10	256QAM	1	25	19.68	19.75	19.71	0.0809	0.0822	0.0815
10	256QAM	1	49	19.78	19.83	19.75	0.0828	0.0838	0.0822
10	256QAM	25	0	19.91	19.84	19.73	0.0853	0.0839	0.0818



10	256QAM	25	12	19.74	19.88	19.69	0.0820	0.0847	0.0811
10	256QAM	25	25	19.79	19.75	19.79	0.0830	0.0822	0.0830
10	256QAM	50	0	19.78	19.91	19.89	0.0828	0.0853	0.0849
Channel				39675	40620	41565	EIRP(W)		
Frequency (MHz)				2498.5	2593	2687.5	L	M	H
5	QPSK	1	0	24.94	24.88	24.70	0.2716	0.2679	0.2570
5	QPSK	1	12	25.00	25.01	24.97	0.2754	0.2761	0.2735
5	QPSK	1	24	25.00	24.90	24.81	0.2754	0.2692	0.2636
5	QPSK	12	0	24.49	24.63	24.61	0.2449	0.2529	0.2518
5	QPSK	12	7	24.36	24.37	24.35	0.2377	0.2382	0.2371
5	QPSK	12	13	24.46	24.45	24.37	0.2432	0.2427	0.2382
5	QPSK	25	0	24.42	24.58	24.46	0.2410	0.2500	0.2432
5	16QAM	1	0	24.70	24.60	24.64	0.2570	0.2512	0.2535
5	16QAM	1	12	24.46	24.58	24.49	0.2432	0.2500	0.2449
5	16QAM	1	24	24.57	24.49	24.45	0.2495	0.2449	0.2427
5	16QAM	12	0	23.89	24.11	23.94	0.2133	0.2244	0.2158
5	16QAM	12	7	23.93	23.99	23.80	0.2153	0.2183	0.2089
5	16QAM	12	13	23.99	24.04	23.96	0.2183	0.2208	0.2168
5	16QAM	25	0	23.93	23.94	23.86	0.2153	0.2158	0.2118
5	64QAM	1	0	23.35	23.59	23.40	0.1884	0.1991	0.1905
5	64QAM	1	12	23.34	23.48	23.50	0.1879	0.1941	0.1950
5	64QAM	1	24	23.49	23.44	23.46	0.1945	0.1923	0.1932
5	64QAM	12	0	22.93	23.05	23.08	0.1710	0.1758	0.1770
5	64QAM	12	7	22.93	23.03	23.05	0.1710	0.1750	0.1758
5	64QAM	12	13	22.84	22.98	22.80	0.1675	0.1730	0.1660
5	64QAM	25	0	22.83	22.97	22.81	0.1671	0.1726	0.1663
5	256QAM	1	0	19.79	19.93	19.88	0.0830	0.0857	0.0847
5	256QAM	1	12	19.66	19.74	19.64	0.0805	0.0820	0.0802
5	256QAM	1	24	19.68	19.78	19.73	0.0809	0.0828	0.0818
5	256QAM	12	0	19.80	19.85	19.87	0.0832	0.0841	0.0845
5	256QAM	12	7	19.73	19.87	19.72	0.0818	0.0845	0.0817
5	256QAM	12	13	19.77	19.87	19.78	0.0826	0.0845	0.0828
5	256QAM	25	0	19.74	19.84	19.90	0.0820	0.0839	0.0851

LTE CA_7C_Ant6:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_21048	QPSK	Max	0	Max	0	21.53	0.1327
	QPSK	1	0	1	Max	15.00	0.0295
	QPSK	1	Max	1	0	23.58	0.2128
M 21001_21199	QPSK	Max	0	Max	0	20.42	0.1028
	QPSK	1	0	1	Max	14.93	0.0290
	QPSK	1	Max	1	0	22.44	0.1637
H 21152_21350	QPSK	Max	0	Max	0	20.40	0.1023
	QPSK	1	0	1	Max	14.95	0.0292
	QPSK	1	Max	1	0	20.43	0.1030
L 20850_21048	16QAM	Max	0	Max	0	18.43	0.0650
	16QAM	1	0	1	Max	14.92	0.0290



	16QAM	1	Max	1	0	18.45	0.0653
M 21001_21199	16QAM	Max	0	Max	0	21.41	0.1291
	16QAM	1	0	1	Max	14.91	0.0289
	16QAM	1	Max	1	0	23.56	0.2118
	16QAM	Max	0	Max	0	20.36	0.1014
H 21152_21350	16QAM	1	0	1	Max	14.79	0.0281
	16QAM	1	Max	1	0	22.30	0.1585
	64QAM	Max	0	Max	0	20.30	0.1000
L 20850_21048	64QAM	1	0	1	Max	14.82	0.0283
	64QAM	1	Max	1	0	20.38	0.1019
	64QAM	Max	0	Max	0	18.42	0.0649
M 21001_21199	64QAM	1	0	1	Max	14.91	0.0289
	64QAM	1	Max	1	0	18.40	0.0646
	64QAM	Max	0	Max	0	21.41	0.1291
H 21152_21350	64QAM	1	0	1	Max	14.90	0.0288
	64QAM	1	Max	1	0	23.49	0.2084
	256QAM	Max	0	Max	0	20.28	0.0995
L 20850_21048	256QAM	1	0	1	Max	14.79	0.0281
	256QAM	1	Max	1	0	22.35	0.1603
	256QAM	Max	0	Max	0	20.32	0.1005
M 21001_21199	256QAM	1	0	1	Max	14.94	0.0291
	256QAM	1	Max	1	0	20.41	0.1026
	256QAM	Max	0	Max	0	18.42	0.0649
H 21152_21350	256QAM	1	0	1	Max	14.84	0.0284
	256QAM	1	Max	1	0	18.33	0.0635
Combination 20MHz+15MHz (100RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_21021	QPSK	Max	0	Max	0	21.47	0.1309
	QPSK	1	0	1	Max	14.89	0.0288
	QPSK	1	Max	1	0	23.49	0.2084
M 21026_21197	QPSK	Max	0	Max	0	20.31	0.1002
	QPSK	1	0	1	Max	14.82	0.0283
	QPSK	1	Max	1	0	22.43	0.1633
H 21201_21372	QPSK	Max	0	Max	0	20.29	0.0998
	QPSK	1	0	1	Max	14.91	0.0289
	QPSK	1	Max	1	0	20.41	0.1026
L 20850_21021	16QAM	Max	0	Max	0	18.41	0.0647
	16QAM	1	0	1	Max	14.77	0.0280
	16QAM	1	Max	1	0	18.37	0.0641
M 21026_21197	16QAM	Max	0	Max	0	21.50	0.1318
	16QAM	1	0	1	Max	14.85	0.0285
	16QAM	1	Max	1	0	23.44	0.2061
H 21201_21372	16QAM	Max	0	Max	0	20.34	0.1009
	16QAM	1	0	1	Max	14.87	0.0286
	16QAM	1	Max	1	0	22.40	0.1622
L 20850_21021	64QAM	Max	0	Max	0	20.35	0.1012
	64QAM	1	0	1	Max	14.90	0.0288
	64QAM	1	Max	1	0	20.29	0.0998
M	64QAM	Max	0	Max	0	18.41	0.0647



21026_21197	64QAM	1	0	1	Max	14.84	0.0284
	64QAM	1	Max	1	0	18.34	0.0637
H 21201_21372	64QAM	Max	0	Max	0	21.50	0.1318
	64QAM	1	0	1	Max	14.94	0.0291
	64QAM	1	Max	1	0	23.56	0.2118
L 20850_21021	256QAM	Max	0	Max	0	20.40	0.1023
	256QAM	1	0	1	Max	14.79	0.0281
	256QAM	1	Max	1	0	22.30	0.1585
M 21026_21197	256QAM	Max	0	Max	0	20.28	0.0995
	256QAM	1	0	1	Max	14.87	0.0286
	256QAM	1	Max	1	0	20.34	0.1009
H 21201_21372	256QAM	Max	0	Max	0	18.31	0.0632
	256QAM	1	0	1	Max	14.88	0.0287
	256QAM	1	Max	1	0	18.37	0.0641
Combination 15MHz+20MHz (75RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20828_20999	QPSK	Max	0	Max	0	21.45	0.1303
	QPSK	1	0	1	Max	14.87	0.0286
	QPSK	1	Max	1	0	23.51	0.2094
M 21003_21174	QPSK	Max	0	Max	0	20.30	0.1000
	QPSK	1	0	1	Max	14.70	0.0275
	QPSK	1	Max	1	0	22.26	0.1570
H 21179_21350	QPSK	Max	0	Max	0	20.27	0.0993
	QPSK	1	0	1	Max	14.82	0.0283
	QPSK	1	Max	1	0	20.21	0.0979
L 20828_20999	16QAM	Max	0	Max	0	18.22	0.0619
	16QAM	1	0	1	Max	14.75	0.0279
	16QAM	1	Max	1	0	18.24	0.0622
M 21003_21174	16QAM	Max	0	Max	0	21.45	0.1303
	16QAM	1	0	1	Max	14.79	0.0281
	16QAM	1	Max	1	0	23.42	0.2051
H 21179_21350	16QAM	Max	0	Max	0	20.35	0.1012
	16QAM	1	0	1	Max	14.64	0.0272
	16QAM	1	Max	1	0	22.17	0.1538
L 20828_20999	64QAM	Max	0	Max	0	20.16	0.0968
	64QAM	1	0	1	Max	14.78	0.0281
	64QAM	1	Max	1	0	20.27	0.0993
M 21003_21174	64QAM	Max	0	Max	0	18.28	0.0628
	64QAM	1	0	1	Max	14.76	0.0279
	64QAM	1	Max	1	0	18.25	0.0624
H 21179_21350	64QAM	Max	0	Max	0	21.47	0.1309
	64QAM	1	0	1	Max	14.79	0.0281
	64QAM	1	Max	1	0	23.53	0.2104
L 20828_20999	256QAM	Max	0	Max	0	20.26	0.0991
	256QAM	1	0	1	Max	14.67	0.0274
	256QAM	1	Max	1	0	22.29	0.1581
M 21003_21174	256QAM	Max	0	Max	0	20.25	0.0989
	256QAM	1	0	1	Max	14.78	0.0281
	256QAM	1	Max	1	0	20.26	0.0991



H 21179_21350	256QAM	Max	0	Max	0	18.20	0.0617
	256QAM	1	0	1	Max	14.78	0.0281
	256QAM	1	Max	1	0	18.30	0.0631
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20825_20975	QPSK	Max	0	Max	0	21.46	0.1306
	QPSK	1	0	1	Max	14.81	0.0282
	QPSK	1	Max	1	0	23.45	0.2065
M 21025_21175	QPSK	Max	0	Max	0	20.36	0.1014
	QPSK	1	0	1	Max	14.71	0.0276
	QPSK	1	Max	1	0	22.21	0.1552
H 21225_21375	QPSK	Max	0	Max	0	20.19	0.0975
	QPSK	1	0	1	Max	14.72	0.0277
	QPSK	1	Max	1	0	20.26	0.0991
L 20825_20975	16QAM	Max	0	Max	0	18.18	0.0614
	16QAM	1	0	1	Max	14.75	0.0279
	16QAM	1	Max	1	0	18.24	0.0622
M 21025_21175	16QAM	Max	0	Max	0	21.45	0.1303
	16QAM	1	0	1	Max	14.89	0.0288
	16QAM	1	Max	1	0	23.46	0.2070
H 21225_21375	16QAM	Max	0	Max	0	20.39	0.1021
	16QAM	1	0	1	Max	14.66	0.0273
	16QAM	1	Max	1	0	22.17	0.1538
L 20825_20975	64QAM	Max	0	Max	0	20.17	0.0971
	64QAM	1	0	1	Max	14.74	0.0278
	64QAM	1	Max	1	0	20.27	0.0993
M 21025_21175	64QAM	Max	0	Max	0	18.16	0.0611
	64QAM	1	0	1	Max	14.84	0.0284
	64QAM	1	Max	1	0	18.22	0.0619
H 21225_21375	64QAM	Max	0	Max	0	21.43	0.1297
	64QAM	1	0	1	Max	14.89	0.0288
	64QAM	1	Max	1	0	23.50	0.2089
L 20825_20975	256QAM	Max	0	Max	0	20.39	0.1021
	256QAM	1	0	1	Max	14.64	0.0272
	256QAM	1	Max	1	0	22.28	0.1578
M 21025_21175	256QAM	Max	0	Max	0	20.21	0.0979
	256QAM	1	0	1	Max	14.85	0.0285
	256QAM	1	Max	1	0	20.19	0.0975
H 21225_21375	256QAM	Max	0	Max	0	18.17	0.0612
	256QAM	1	0	1	Max	14.85	0.0285
	256QAM	1	Max	1	0	18.23	0.0621
Combination 20MHz+10MHz (100RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20850_20994	QPSK	Max	0	Max	0	21.37	0.1279
	QPSK	1	0	1	Max	14.88	0.0287
	QPSK	1	Max	1	0	23.45	0.2065
M 21051_21195	QPSK	Max	0	Max	0	20.26	0.0991
	QPSK	1	0	1	Max	14.68	0.0274



	QPSK	1	Max	1	0	22.19	0.1545
H 21251_21395	QPSK	Max	0	Max	0	20.18	0.0973
	QPSK	1	0	1	Max	14.75	0.0279
	QPSK	1	Max	1	0	20.24	0.0986
	QPSK	1	Max	1	0	20.24	0.0986
L 20850_20994	16QAM	Max	0	Max	0	18.21	0.0618
	16QAM	1	0	1	Max	14.77	0.0280
	16QAM	1	Max	1	0	18.27	0.0627
	16QAM	1	Max	1	0	18.27	0.0627
M 21051_21195	16QAM	Max	0	Max	0	21.40	0.1288
	16QAM	1	0	1	Max	14.89	0.0288
	16QAM	1	Max	1	0	23.45	0.2065
	16QAM	1	Max	1	0	23.45	0.2065
H 21251_21395	16QAM	Max	0	Max	0	20.37	0.1016
	16QAM	1	0	1	Max	14.72	0.0277
	16QAM	1	Max	1	0	22.29	0.1581
	16QAM	1	Max	1	0	22.29	0.1581
L 20850_20994	64QAM	Max	0	Max	0	20.13	0.0962
	64QAM	1	0	1	Max	14.76	0.0279
	64QAM	1	Max	1	0	20.32	0.1005
	64QAM	1	Max	1	0	20.32	0.1005
M 21051_21195	64QAM	Max	0	Max	0	18.26	0.0625
	64QAM	1	0	1	Max	14.74	0.0278
	64QAM	1	Max	1	0	18.35	0.0638
	64QAM	1	Max	1	0	18.35	0.0638
H 21251_21395	64QAM	Max	0	Max	0	21.47	0.1309
	64QAM	1	0	1	Max	14.80	0.0282
	64QAM	1	Max	1	0	23.43	0.2056
	64QAM	1	Max	1	0	23.43	0.2056
L 20850_20994	256QAM	Max	0	Max	0	20.27	0.0993
	256QAM	1	0	1	Max	14.74	0.0278
	256QAM	1	Max	1	0	22.20	0.1549
	256QAM	1	Max	1	0	22.20	0.1549
M 21051_21195	256QAM	Max	0	Max	0	20.17	0.0971
	256QAM	1	0	1	Max	14.77	0.0280
	256QAM	1	Max	1	0	20.27	0.0993
	256QAM	1	Max	1	0	20.27	0.0993
H 21251_21395	256QAM	Max	0	Max	0	18.26	0.0625
	256QAM	1	0	1	Max	14.83	0.0284
	256QAM	1	Max	1	0	18.27	0.0627
	256QAM	1	Max	1	0	18.27	0.0627
Combination 10MHz+20MHz (50RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20805_20949	QPSK	Max	0	Max	0	21.35	0.1274
	QPSK	1	0	1	Max	14.81	0.0282
	QPSK	1	Max	1	0	23.47	0.2075
	QPSK	1	Max	1	0	23.47	0.2075
M 21006_21150	QPSK	Max	0	Max	0	20.38	0.1019
	QPSK	1	0	1	Max	14.66	0.0273
	QPSK	1	Max	1	0	22.26	0.1570
	QPSK	1	Max	1	0	22.26	0.1570
H 21206_21350	QPSK	Max	0	Max	0	20.26	0.0991
	QPSK	1	0	1	Max	14.79	0.0281
	QPSK	1	Max	1	0	20.25	0.0989
	QPSK	1	Max	1	0	20.25	0.0989
L 20805_20949	16QAM	Max	0	Max	0	18.23	0.0621
	16QAM	1	0	1	Max	14.76	0.0279
	16QAM	1	Max	1	0	18.32	0.0634
	16QAM	1	Max	1	0	18.32	0.0634
M 21006_21150	16QAM	Max	0	Max	0	21.39	0.1285
	16QAM	1	0	1	Max	14.92	0.0290
	16QAM	1	Max	1	0	23.44	0.2061
	16QAM	1	Max	1	0	23.44	0.2061
H	16QAM	Max	0	Max	0	20.26	0.0991



21206_21350	16QAM	1	0	1	Max	14.77	0.0280
	16QAM	1	Max	1	0	22.15	0.1531
L 20805_20949	64QAM	Max	0	Max	0	20.16	0.0968
	64QAM	1	0	1	Max	14.85	0.0285
	64QAM	1	Max	1	0	20.25	0.0989
M 21006_21150	64QAM	Max	0	Max	0	18.21	0.0618
	64QAM	1	0	1	Max	14.73	0.0277
	64QAM	1	Max	1	0	18.29	0.0630
H 21206_21350	64QAM	Max	0	Max	0	21.46	0.1306
	64QAM	1	0	1	Max	14.93	0.0290
	64QAM	1	Max	1	0	23.41	0.2046
L 20805_20949	256QAM	Max	0	Max	0	20.34	0.1009
	256QAM	1	0	1	Max	14.77	0.0280
	256QAM	1	Max	1	0	22.17	0.1538
M 21006_21150	256QAM	Max	0	Max	0	20.19	0.0975
	256QAM	1	0	1	Max	14.78	0.0281
	256QAM	1	Max	1	0	20.31	0.1002
H 21206_21350	256QAM	Max	0	Max	0	18.20	0.0617
	256QAM	1	0	1	Max	14.77	0.0280
	256QAM	1	Max	1	0	18.31	0.0632
Combination 15MHz+10MHz (75RB+50RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 20825_20945	QPSK	Max	0	Max	0	21.48	0.1312
	QPSK	1	0	1	Max	14.93	0.0290
	QPSK	1	Max	1	0	23.50	0.2089
M 21051_21171	QPSK	Max	0	Max	0	20.32	0.1005
	QPSK	1	0	1	Max	14.66	0.0273
	QPSK	1	Max	1	0	22.20	0.1549
H 21277_21397	QPSK	Max	0	Max	0	20.25	0.0989
	QPSK	1	0	1	Max	14.85	0.0285
	QPSK	1	Max	1	0	20.24	0.0986
L 20825_20945	16QAM	Max	0	Max	0	18.19	0.0615
	16QAM	1	0	1	Max	14.80	0.0282
	16QAM	1	Max	1	0	18.25	0.0624
M 21051_21171	16QAM	Max	0	Max	0	21.41	0.1291
	16QAM	1	0	1	Max	14.88	0.0287
	16QAM	1	Max	1	0	23.51	0.2094
H 21277_21397	16QAM	Max	0	Max	0	20.33	0.1007
	16QAM	1	0	1	Max	14.78	0.0281
	16QAM	1	Max	1	0	22.27	0.1574
L 20825_20945	64QAM	Max	0	Max	0	20.25	0.0989
	64QAM	1	0	1	Max	14.80	0.0282
	64QAM	1	Max	1	0	20.25	0.0989
M 21051_21171	64QAM	Max	0	Max	0	18.25	0.0624
	64QAM	1	0	1	Max	14.87	0.0286
	64QAM	1	Max	1	0	18.34	0.0637
H 21277_21397	64QAM	Max	0	Max	0	21.41	0.1291
	64QAM	1	0	1	Max	14.86	0.0286
	64QAM	1	Max	1	0	23.42	0.2051



L 20825_20945	256QAM	Max	0	Max	0	20.25	0.0989
	256QAM	1	0	1	Max	14.72	0.0277
	256QAM	1	Max	1	0	22.27	0.1574
M 21051_21171	256QAM	Max	0	Max	0	20.17	0.0971
	256QAM	1	0	1	Max	14.75	0.0279
	256QAM	1	Max	1	0	20.22	0.0982
H 21277_21397	256QAM	Max	0	Max	0	18.30	0.0631
	256QAM	1	0	1	Max	14.87	0.0286
	256QAM	1	Max	1	0	18.26	0.0625

LTE CA_38C_Ant5:

Combination 20MHz+20MHz (100RB+100RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 37850_38048	QPSK	Max	0	Max	0	21.55	0.1109
	QPSK	1	0	1	Max	15.10	0.0251
	QPSK	1	Max	1	0	23.62	0.1786
M 37901_38099	QPSK	Max	0	Max	0	20.49	0.0869
	QPSK	1	0	1	Max	15.17	0.0255
	QPSK	1	Max	1	0	22.56	0.1400
H 37952_38150	QPSK	Max	0	Max	0	20.47	0.0865
	QPSK	1	0	1	Max	15.13	0.0253
	QPSK	1	Max	1	0	20.41	0.0853
L 37850_38048	16QAM	Max	0	Max	0	18.48	0.0547
	16QAM	1	0	1	Max	15.02	0.0247
	16QAM	1	Max	1	0	18.45	0.0543
M 37901_38099	16QAM	Max	0	Max	0	21.54	0.1107
	16QAM	1	0	1	Max	15.04	0.0248
	16QAM	1	Max	1	0	23.60	0.1778
H 37952_38150	16QAM	Max	0	Max	0	20.44	0.0859
	16QAM	1	0	1	Max	15.05	0.0248
	16QAM	1	Max	1	0	22.44	0.1361
L 37850_38048	64QAM	Max	0	Max	0	20.40	0.0851
	64QAM	1	0	1	Max	14.99	0.0245
	64QAM	1	Max	1	0	20.27	0.0826
M 37901_38099	64QAM	Max	0	Max	0	18.36	0.0532
	64QAM	1	0	1	Max	14.96	0.0243
	64QAM	1	Max	1	0	18.39	0.0536
H 37952_38150	64QAM	Max	0	Max	0	21.44	0.1081
	64QAM	1	0	1	Max	15.04	0.0248
	64QAM	1	Max	1	0	23.55	0.1758
L 37850_38048	256QAM	Max	0	Max	0	20.45	0.0861
	256QAM	1	0	1	Max	15.12	0.0252
	256QAM	1	Max	1	0	22.54	0.1393
M 37901_38099	256QAM	Max	0	Max	0	20.43	0.0857
	256QAM	1	0	1	Max	15.07	0.0249
	256QAM	1	Max	1	0	20.35	0.0841
H 37952_38150	256QAM	Max	0	Max	0	18.33	0.0528
	256QAM	1	0	1	Max	15.01	0.0246



	256QAM	1	Max	1	0	18.40	0.0537
Combination 15MHz+15MHz (75RB+75RB)							
Channel	Modulation	PCC		SCC		Measured Power	EIRP(W)
		RB Size	RB offset	RB Size	RB offset		
L 37825_37975	QPSK	Max	0	Max	0	21.54	0.1107
	QPSK	1	0	1	Max	15.01	0.0246
	QPSK	1	Max	1	0	23.53	0.1750
M 37925_38075	QPSK	Max	0	Max	0	20.34	0.0839
	QPSK	1	0	1	Max	15.06	0.0249
	QPSK	1	Max	1	0	22.41	0.1352
H 38025_38175	QPSK	Max	0	Max	0	20.37	0.0845
	QPSK	1	0	1	Max	15.07	0.0249
	QPSK	1	Max	1	0	20.39	0.0849
L 37825_37975	16QAM	Max	0	Max	0	18.35	0.0531
	16QAM	1	0	1	Max	14.97	0.0244
	16QAM	1	Max	1	0	18.30	0.0525
M 37925_38075	16QAM	Max	0	Max	0	21.41	0.1074
	16QAM	1	0	1	Max	15.07	0.0249
	16QAM	1	Max	1	0	23.54	0.1754
H 38025_38175	16QAM	Max	0	Max	0	20.45	0.0861
	16QAM	1	0	1	Max	15.15	0.0254
	16QAM	1	Max	1	0	22.52	0.1387
L 37825_37975	64QAM	Max	0	Max	0	20.33	0.0838
	64QAM	1	0	1	Max	15.04	0.0248
	64QAM	1	Max	1	0	20.29	0.0830
M 37925_38075	64QAM	Max	0	Max	0	18.43	0.0541
	64QAM	1	0	1	Max	15.00	0.0245
	64QAM	1	Max	1	0	18.32	0.0527
H 38025_38175	64QAM	Max	0	Max	0	21.43	0.1079
	64QAM	1	0	1	Max	14.99	0.0245
	64QAM	1	Max	1	0	23.53	0.1750
L 37825_37975	256QAM	Max	0	Max	0	20.37	0.0845
	256QAM	1	0	1	Max	15.14	0.0254
	256QAM	1	Max	1	0	22.55	0.1396
M 37925_38075	256QAM	Max	0	Max	0	20.42	0.0855
	256QAM	1	0	1	Max	15.06	0.0249
	256QAM	1	Max	1	0	20.33	0.0838
H 38025_38175	256QAM	Max	0	Max	0	18.38	0.0535
	256QAM	1	0	1	Max	14.87	0.0238
	256QAM	1	Max	1	0	18.32	0.0527



LTE Band 7

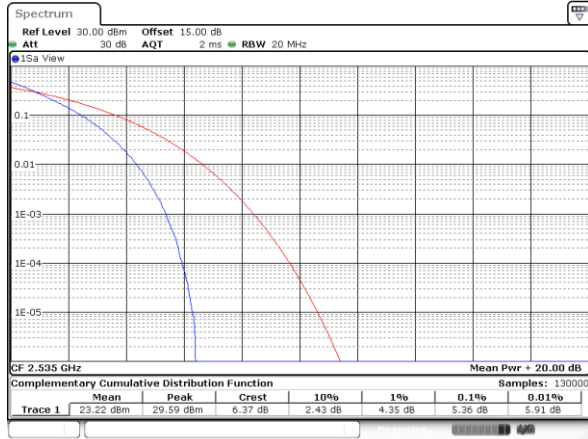
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.36	6.17	6.41	PASS



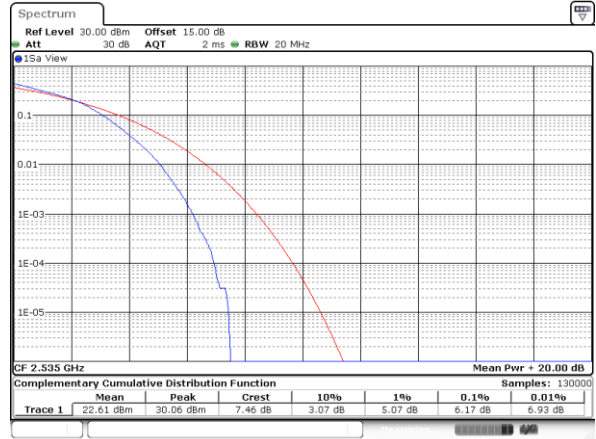
LTE Band 7 / 20MHz / QPSK

Middle Channel / Full RB



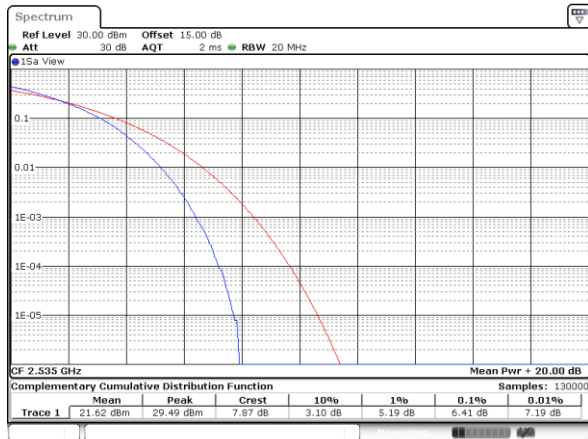
LTE Band 7 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 7 / 20MHz / 64QAM

Middle Channel / Full RB





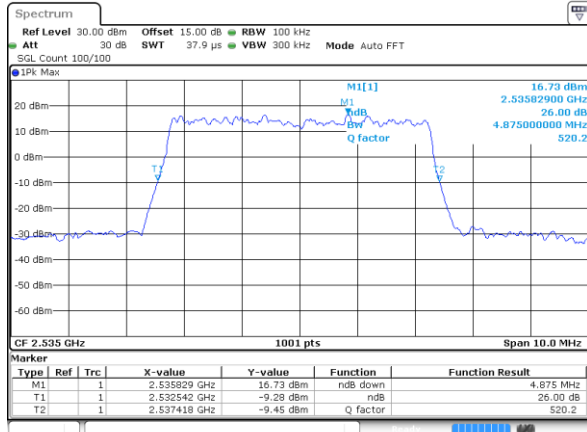
26dB Bandwidth

Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.88	4.85	9.83	9.73	14.33	14.54	18.82	19.02



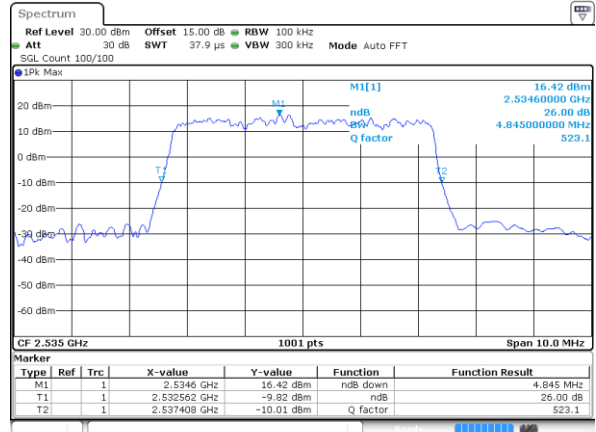
LTE Band 7

Middle Channel / 5MHz / QPSK



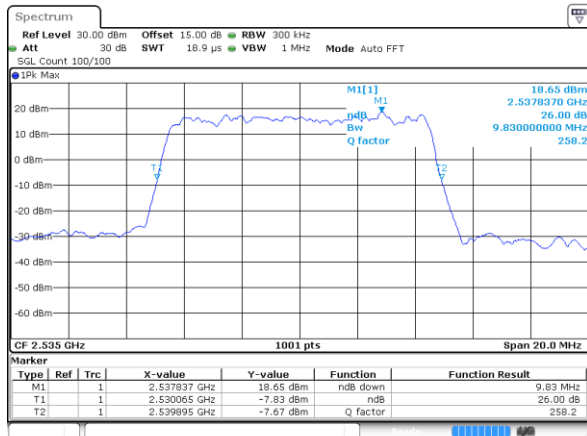
Date: 11 MAR 2025 10:44:44

Middle Channel / 5MHz / 16QAM



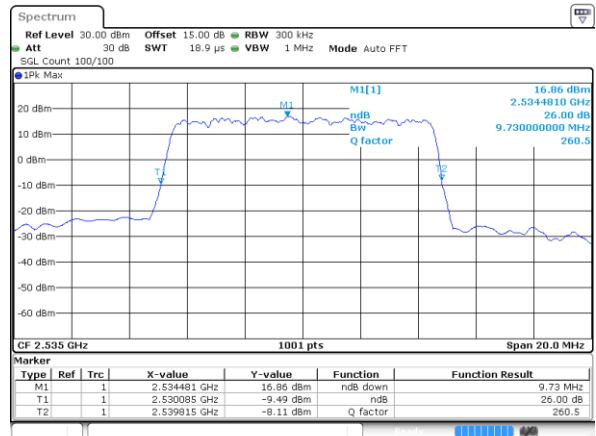
Date: 11 MAR 2025 10:45:23

Middle Channel / 10MHz / QPSK



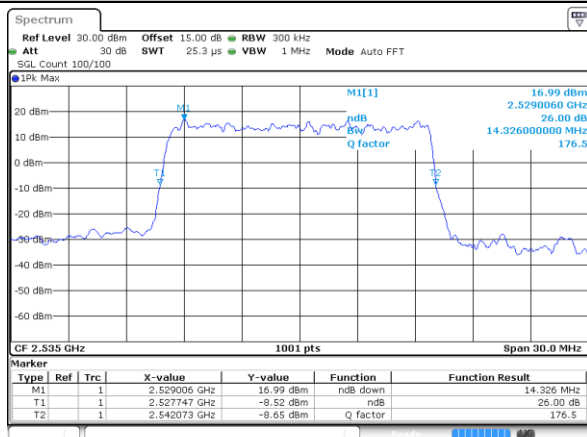
Date: 11 MAR 2025 11:00:35

Middle Channel / 10MHz / 16QAM



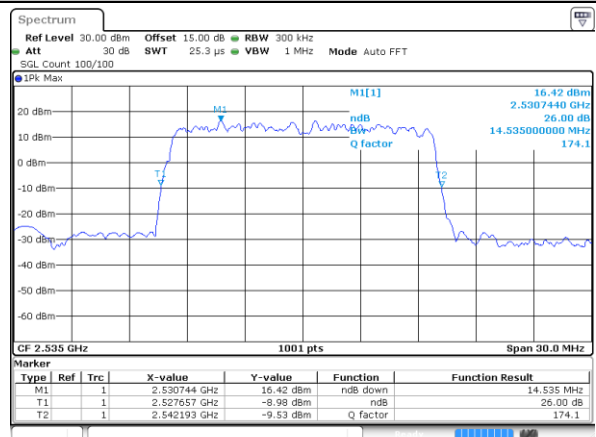
Date: 11 MAR 2025 11:01:14

Middle Channel / 15MHz / QPSK



Date: 11 MAR 2025 11:12:49

Middle Channel / 15MHz / 16QAM

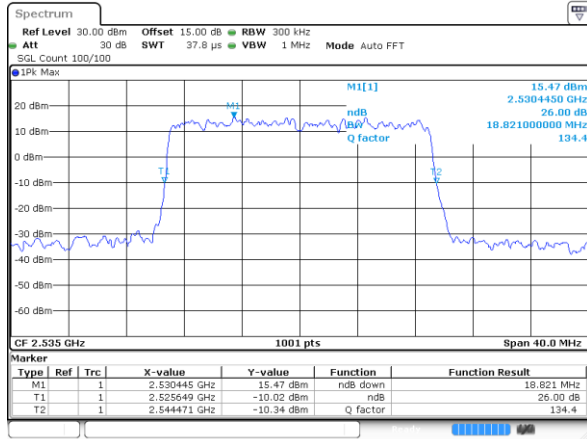


Date: 11 MAR 2025 11:13:28



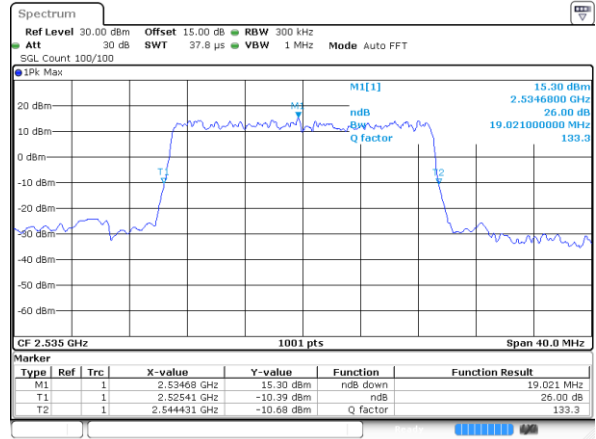
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 11 MAR 2025 11:39:16

Middle Channel / 20MHz / 16QAM



Date: 11 MAR 2025 11:39:55



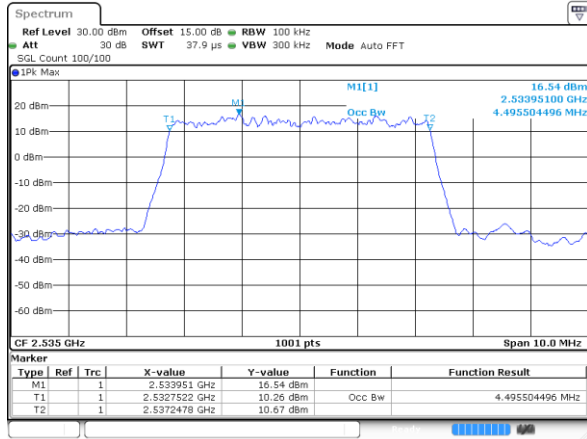
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	9.01	9.09	13.49	13.49	17.90	17.90

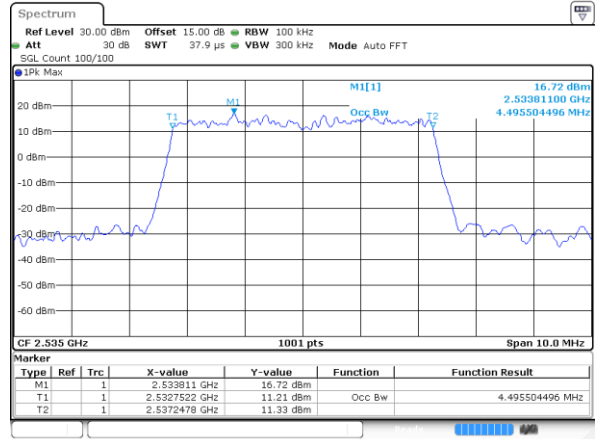


LTE Band 7

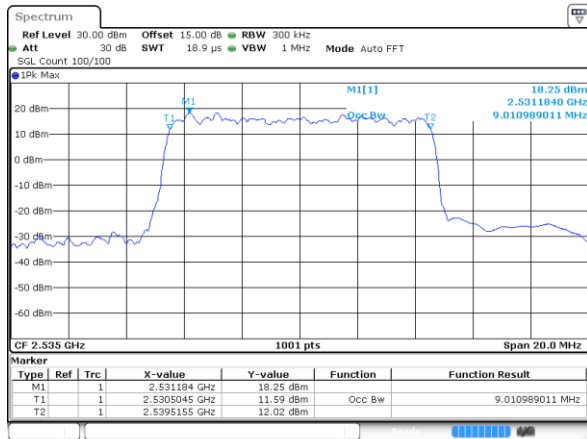
Middle Channel / 5MHz / QPSK



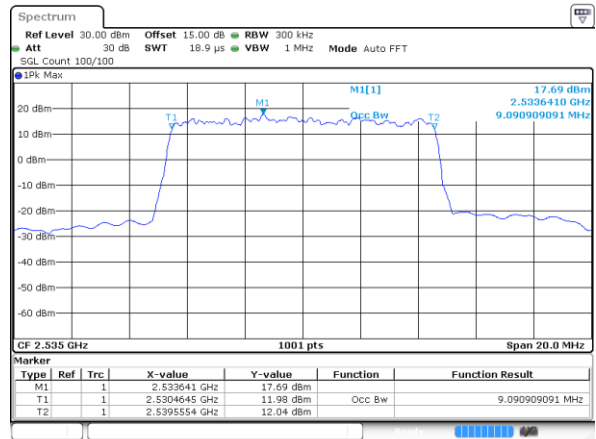
Middle Channel / 5MHz / 16QAM



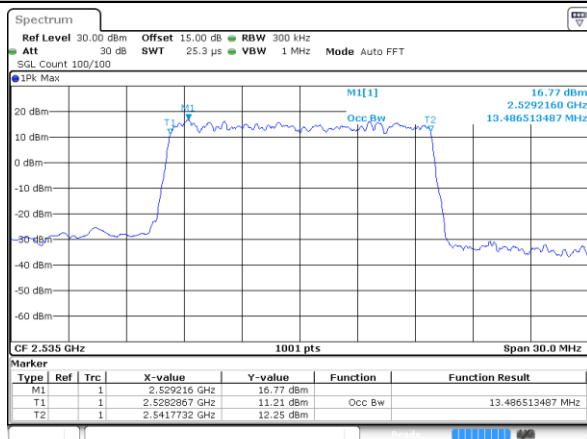
Middle Channel / 10MHz / QPSK



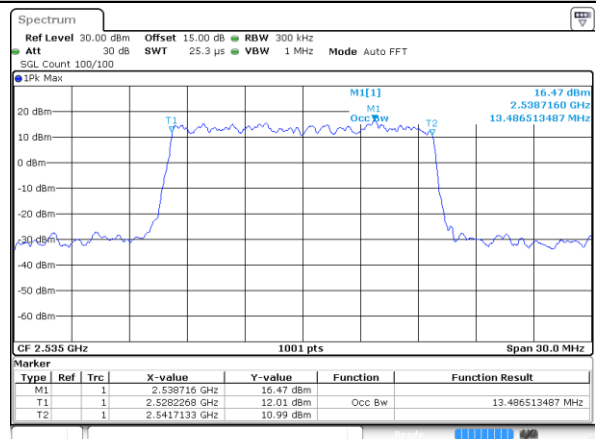
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



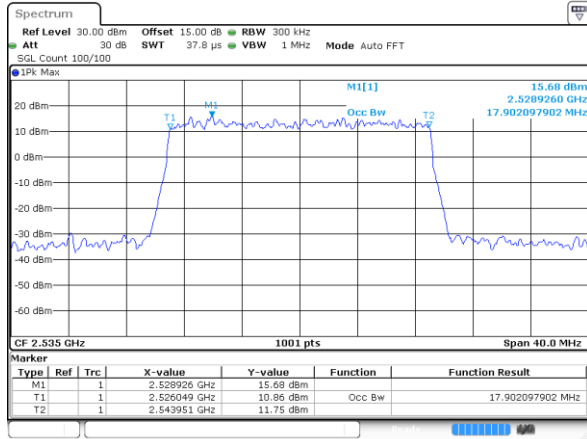
Middle Channel / 15MHz / 16QAM





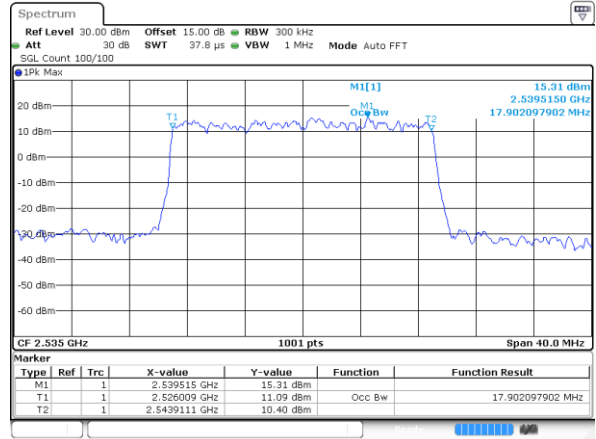
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 11 MAR 2025 11:39:02

Middle Channel / 20MHz / 16QAM



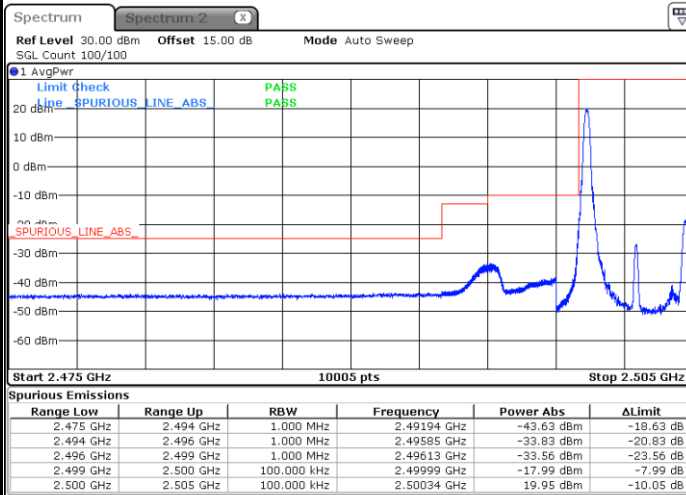
Date: 11 MAR 2025 11:39:41



Conducted Band Edge

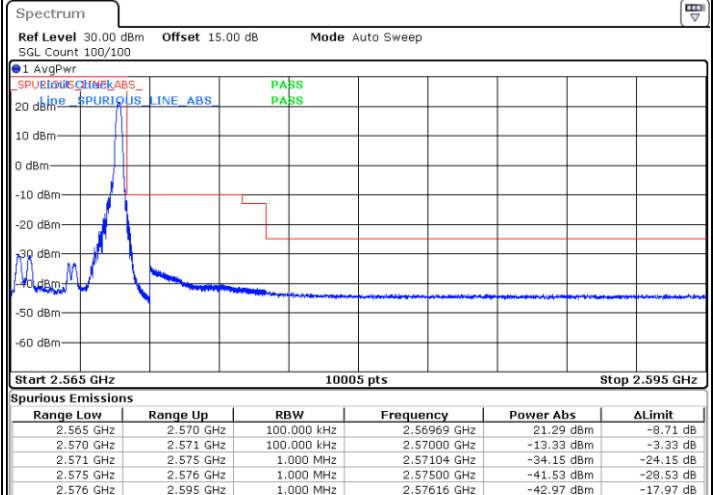
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



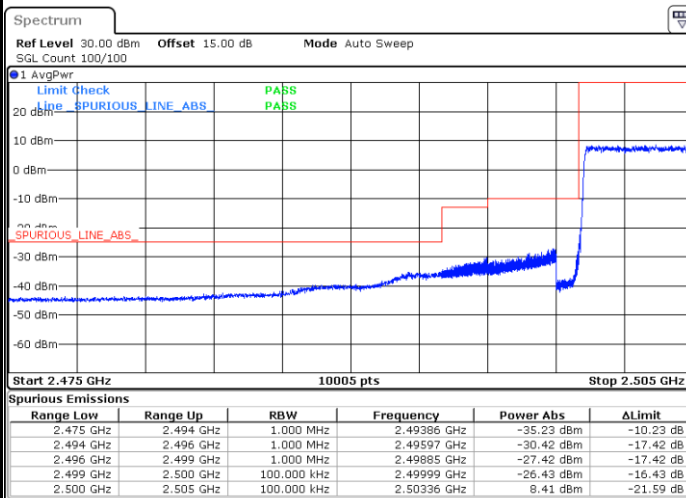
Date: 31.MAR.2025 14:10:39

Highest Band Edge / 1 RB



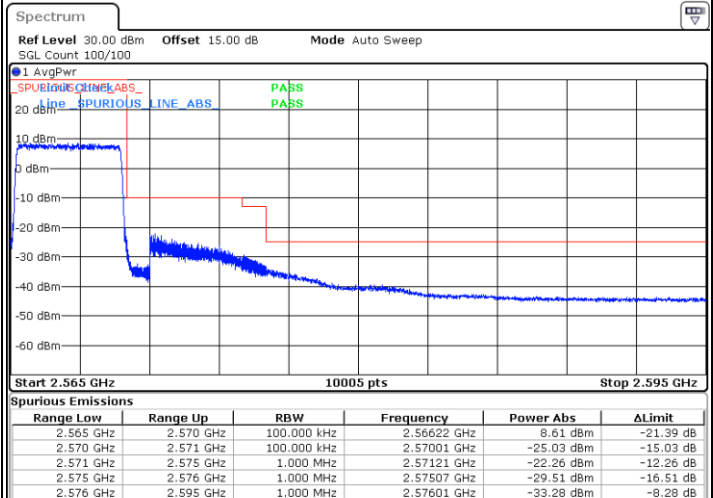
Date: 11.MAR.2025 10:45:58

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:40:47

Highest Band Edge / Full RB

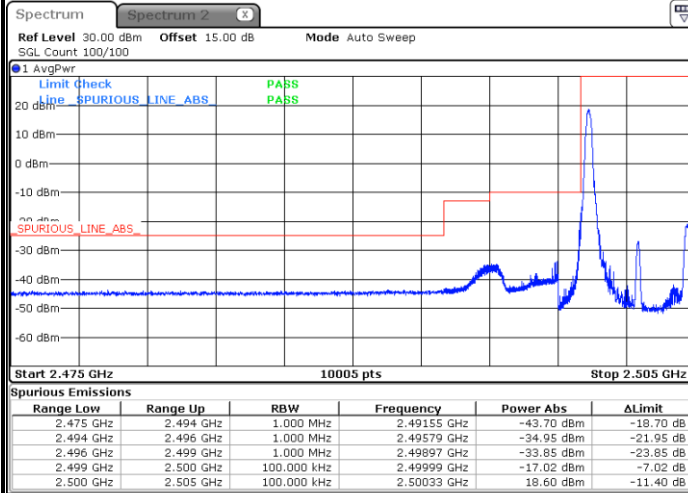


Date: 11.MAR.2025 10:47:44

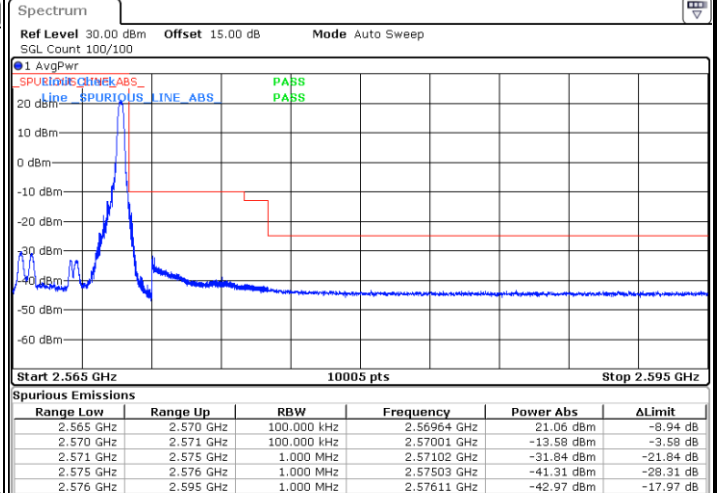


LTE Band 7 / 5MHz / 16QAM

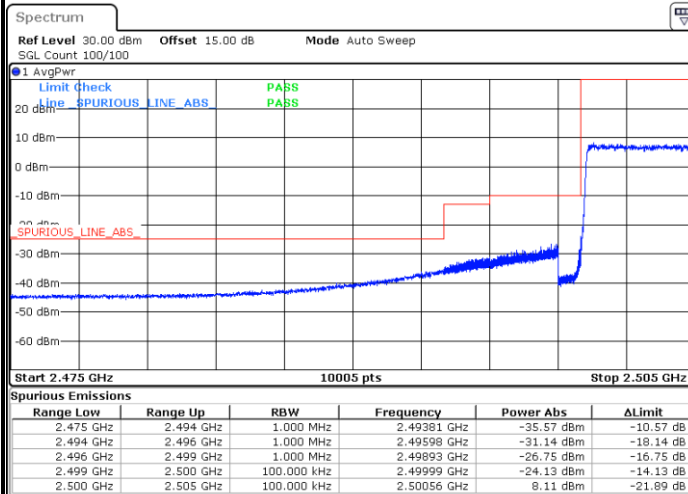
Lowest Band Edge / 1RB



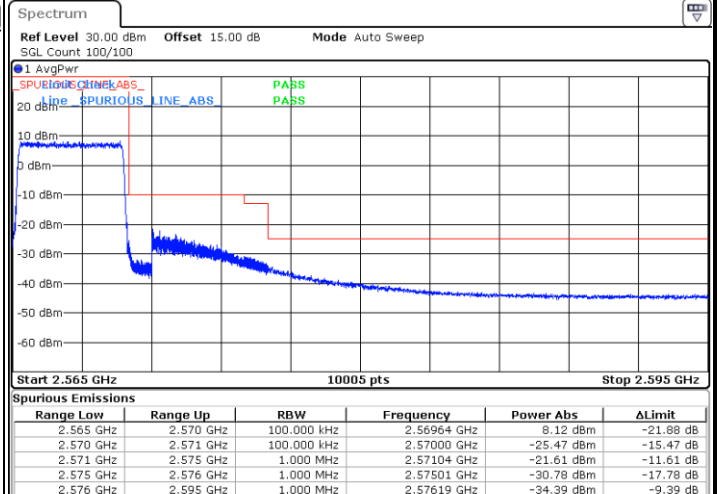
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



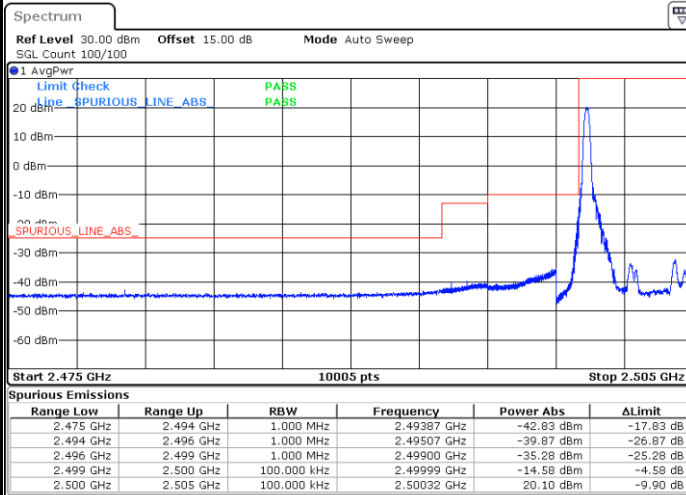
Highest Band Edge / Full RB





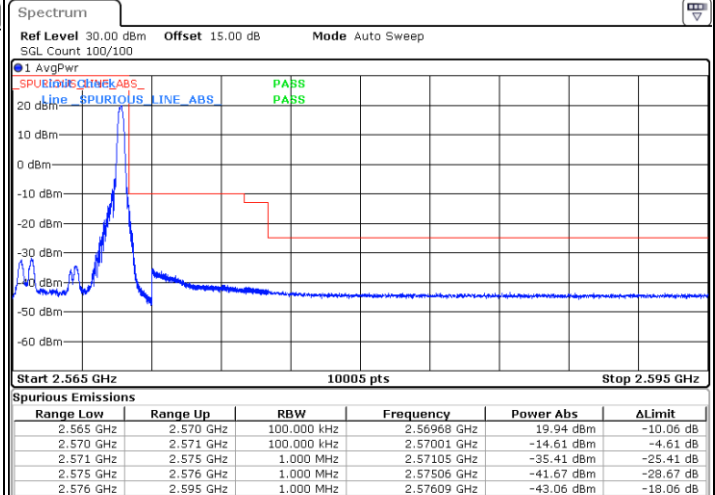
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



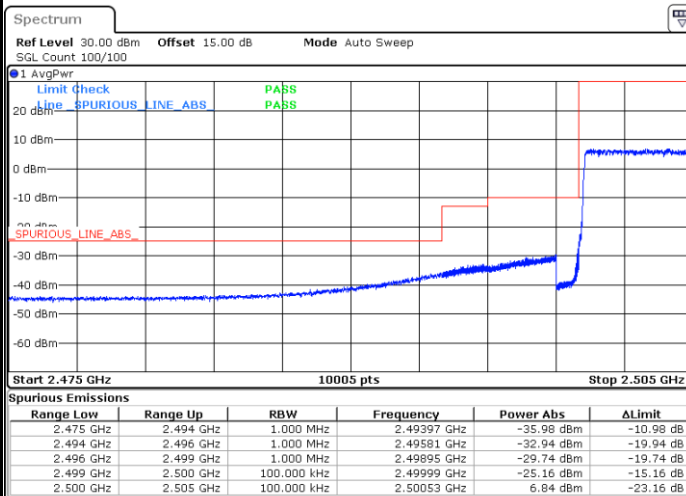
Date: 11.MAR.2025 10:40:11

Highest Band Edge / 1 RB



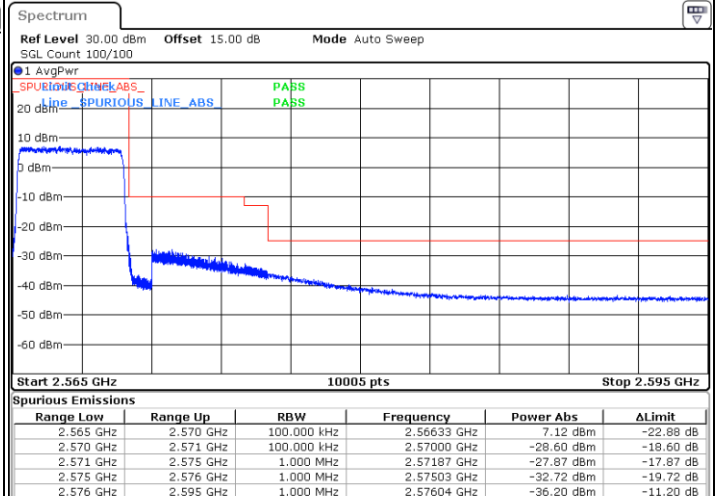
Date: 11.MAR.2025 10:47:08

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:41:58

Highest Band Edge / Full RB

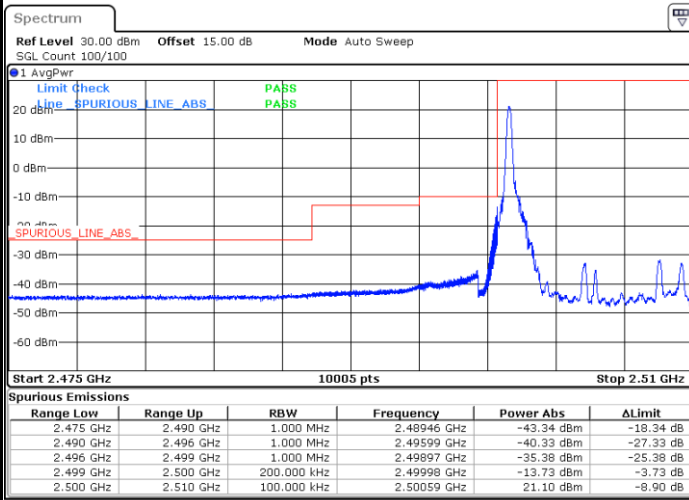


Date: 11.MAR.2025 10:48:54

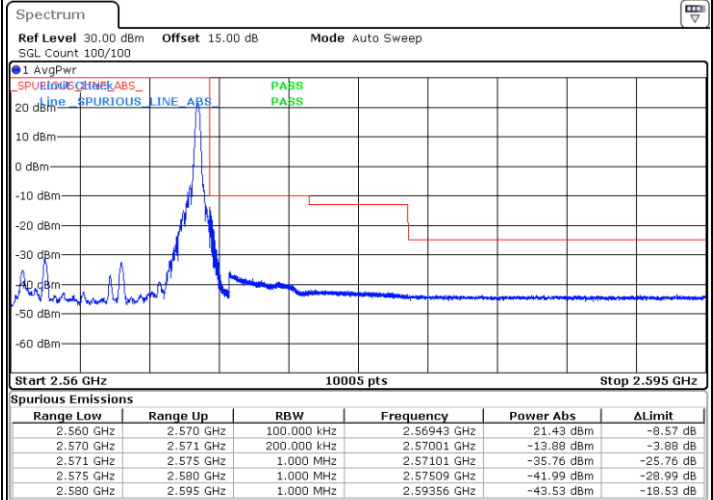


LTE Band 7 / 10MHz / QPSK

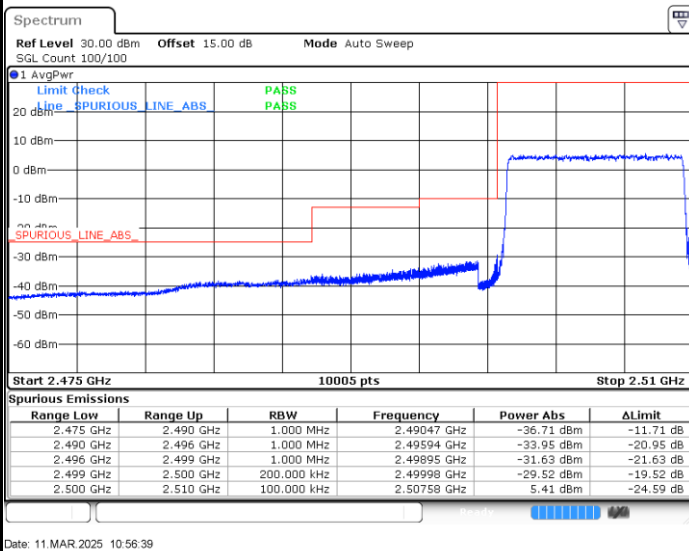
Lowest Band Edge / 1 RB



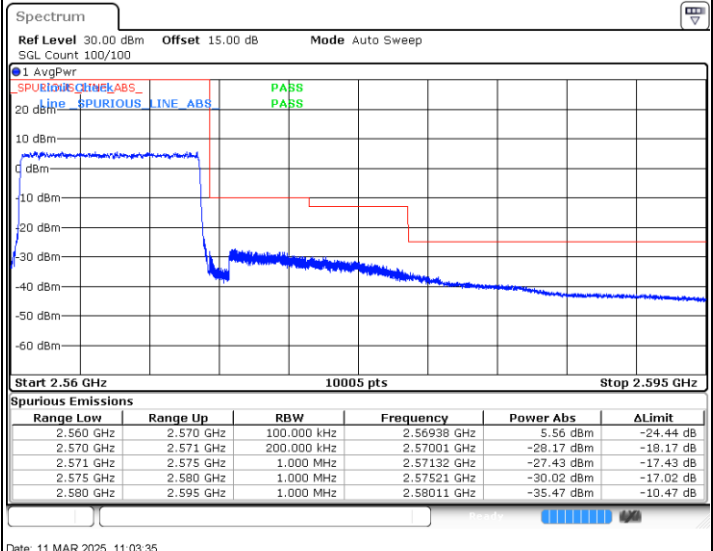
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



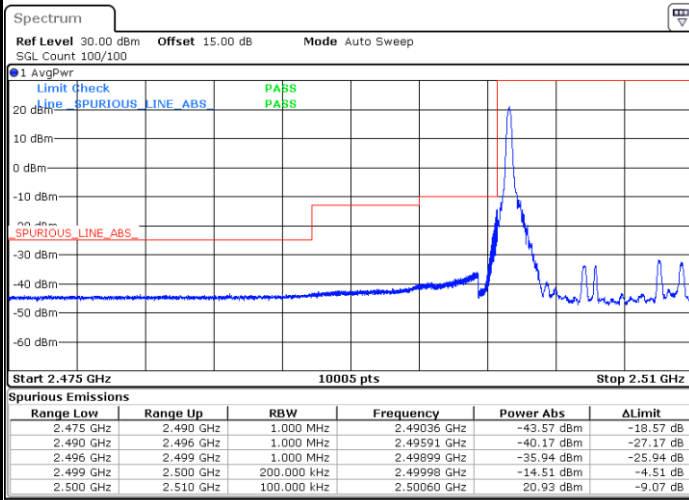
Highest Band Edge / Full RB





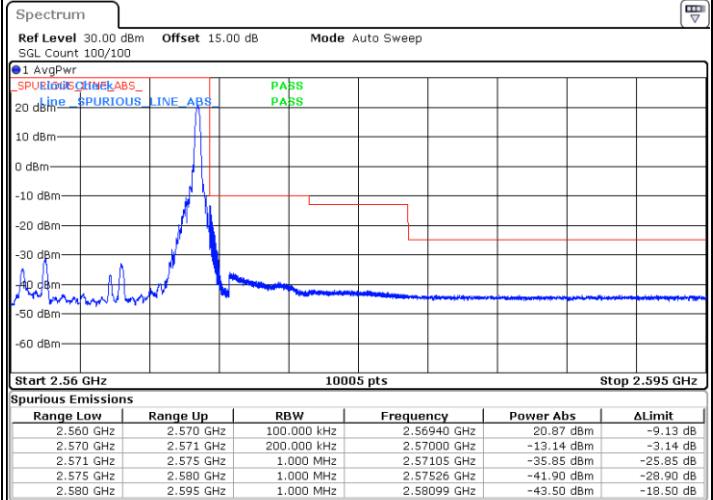
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



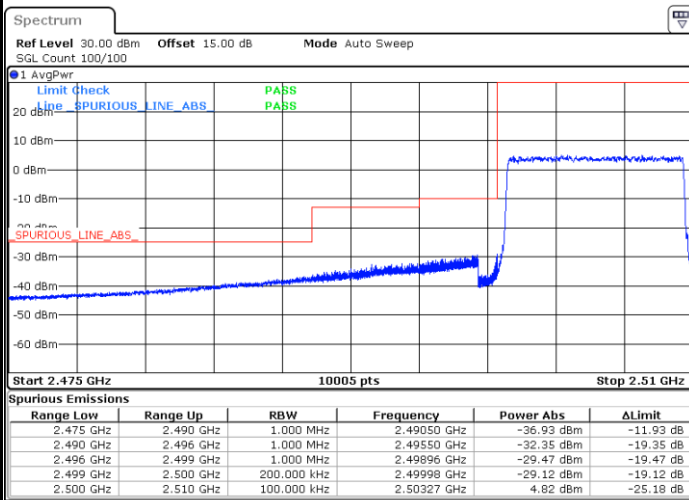
Date: 11.MAR.2025 10:55:28

Highest Band Edge / 1 RB



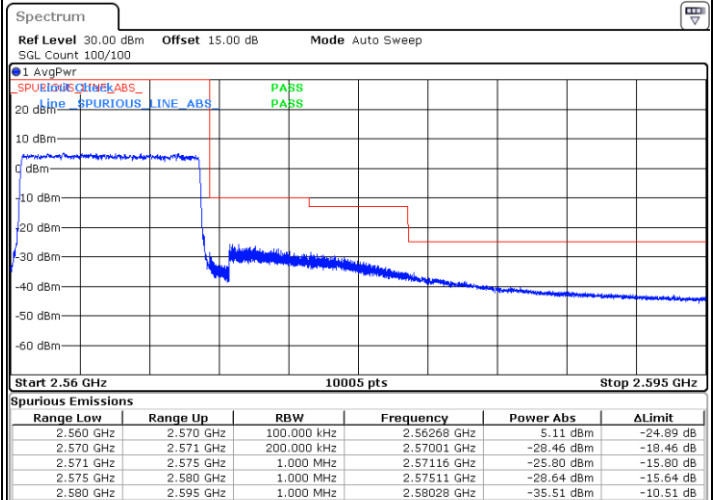
Date: 11.MAR.2025 11:02:24

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:57:14

Highest Band Edge / Full RB

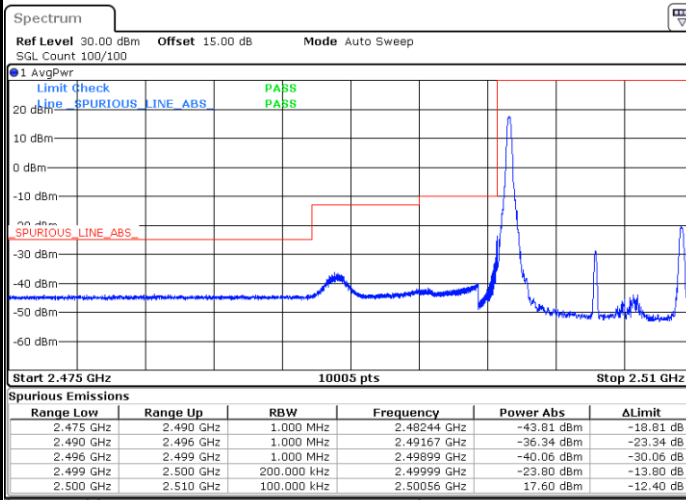


Date: 11.MAR.2025 11:04:10



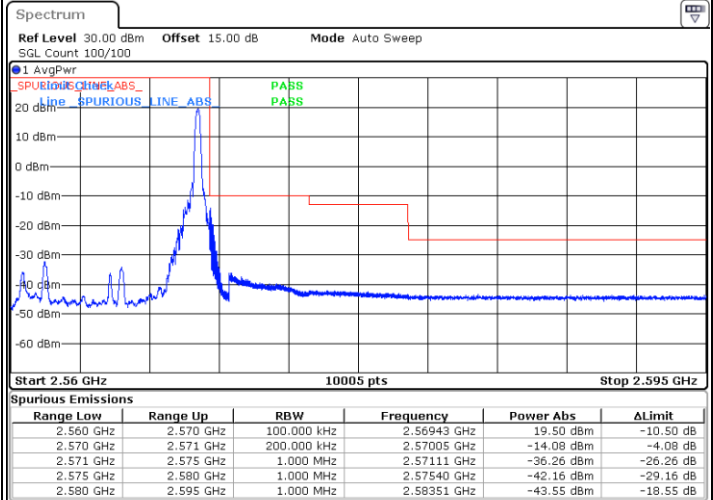
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



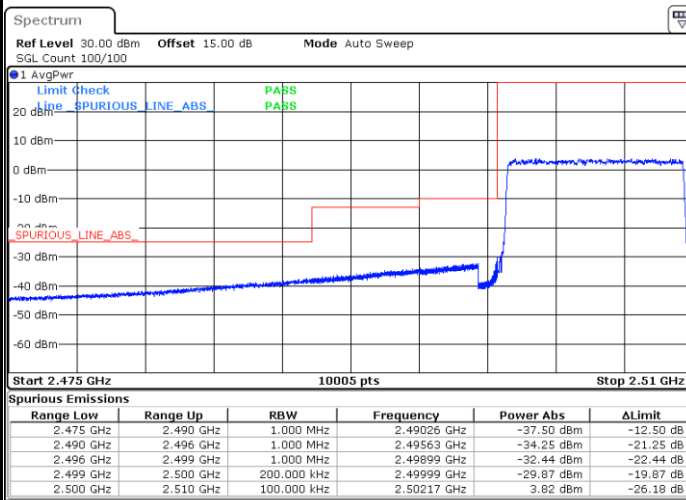
Date: 31.MAR.2025 14:13:08

Highest Band Edge / 1 RB



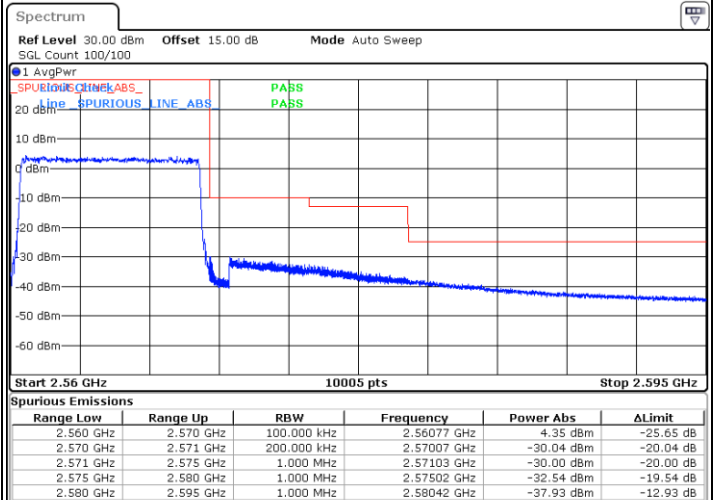
Date: 11.MAR.2025 11:02:59

Lowest Band Edge / Full RB



Date: 11.MAR.2025 10:57:49

Highest Band Edge / Full RB

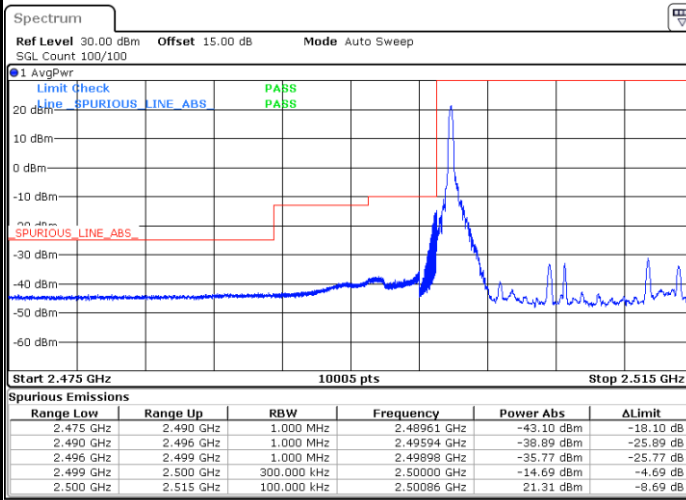


Date: 11.MAR.2025 11:04:45



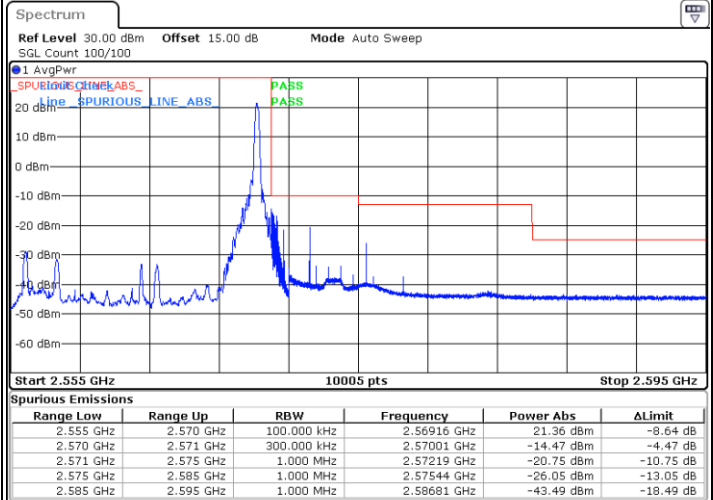
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



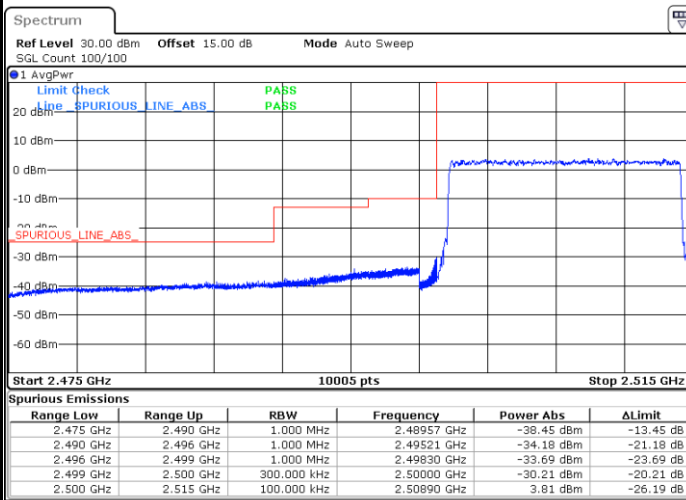
Date: 11.MAR.2025 11:07:06

Highest Band Edge / 1 RB



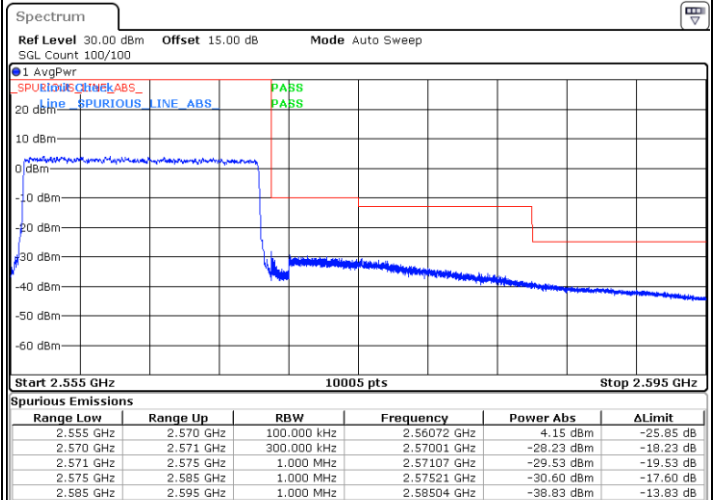
Date: 11.MAR.2025 11:14:03

Lowest Band Edge / Full RB



Date: 11.MAR.2025 11:08:52

Highest Band Edge / Full RB

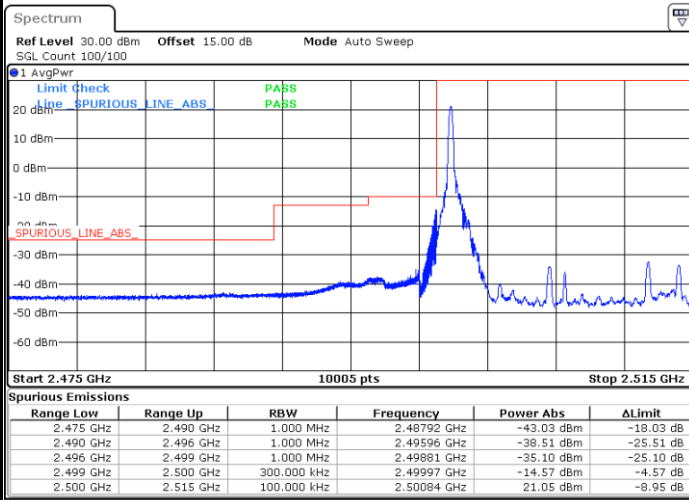


Date: 11.MAR.2025 11:15:49

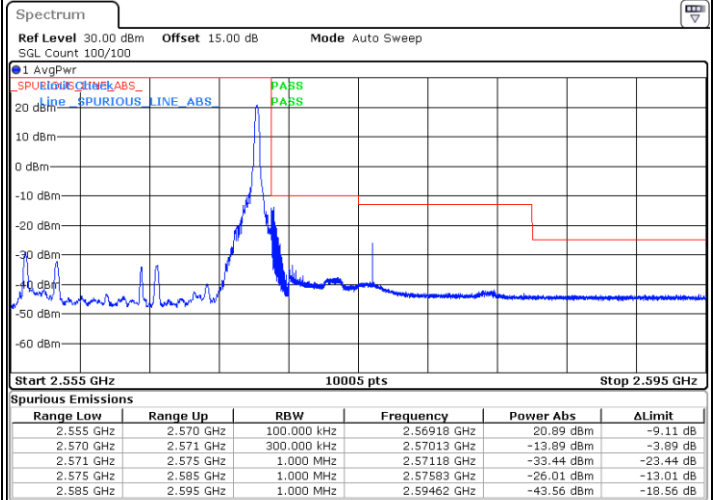


LTE Band 7 / 15MHz / 16QAM

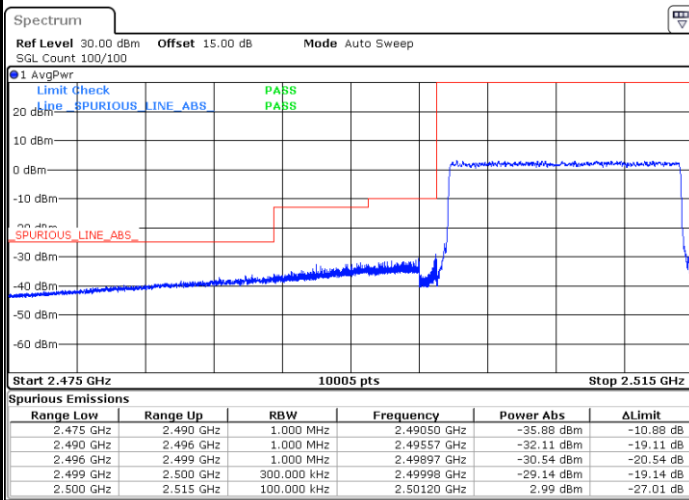
Lowest Band Edge / 1RB



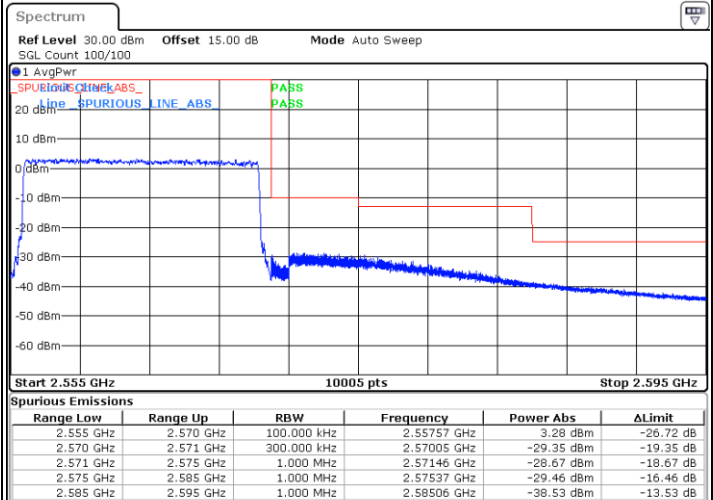
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



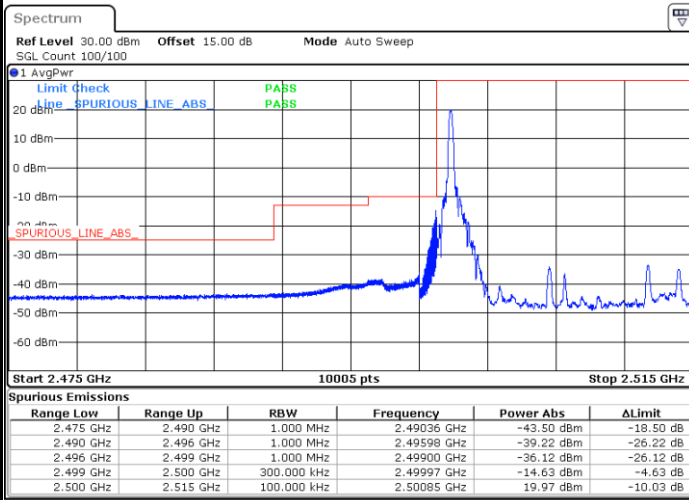
Highest Band Edge / Full RB





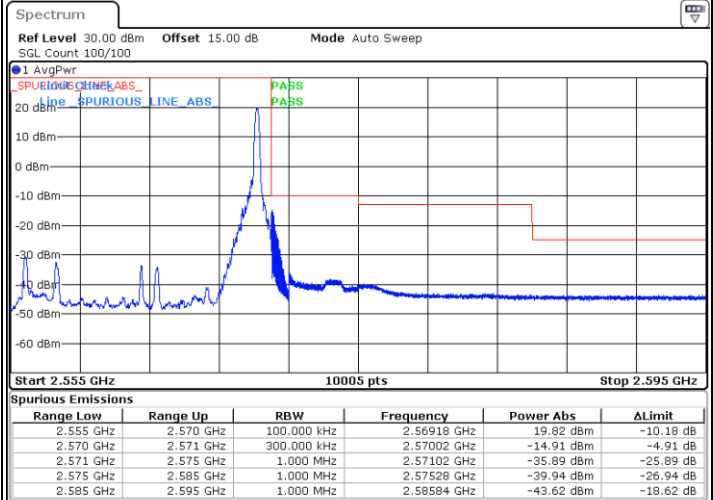
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



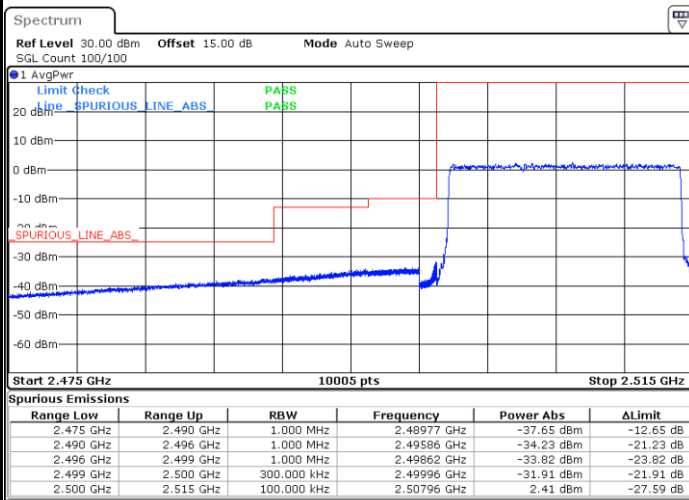
Date: 11.MAR.2025 11:08:17

Highest Band Edge / 1 RB



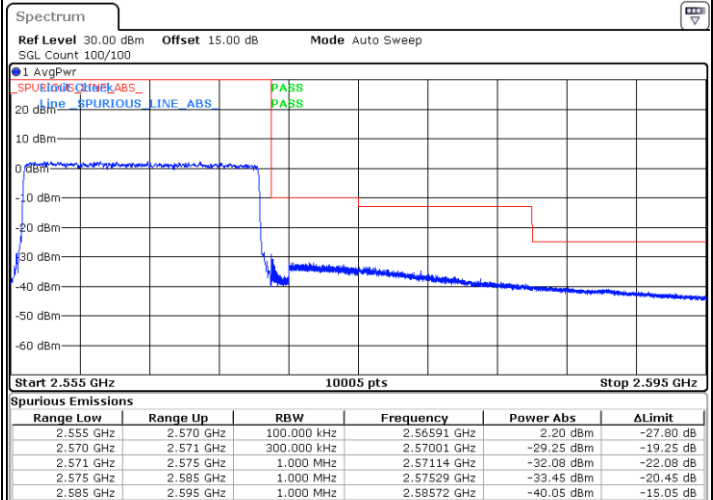
Date: 11.MAR.2025 11:15:14

Lowest Band Edge / Full RB



Date: 11.MAR.2025 11:10:03

Highest Band Edge / Full RB

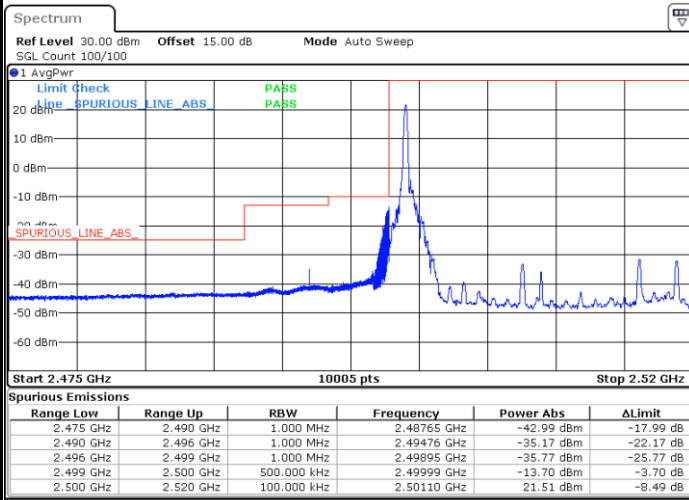


Date: 11.MAR.2025 11:16:59



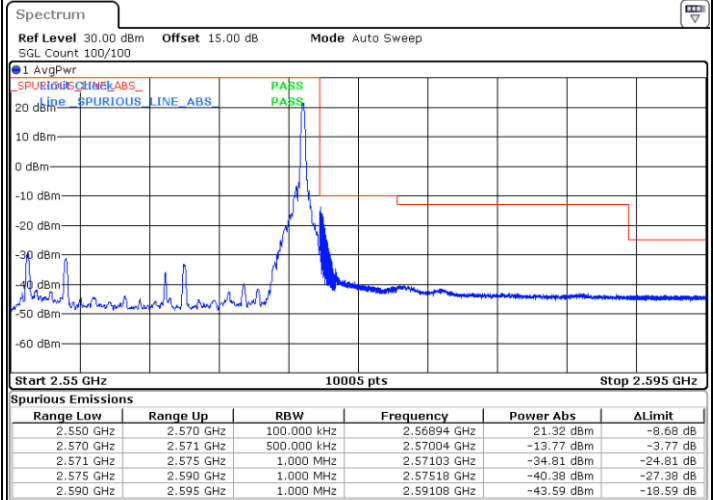
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



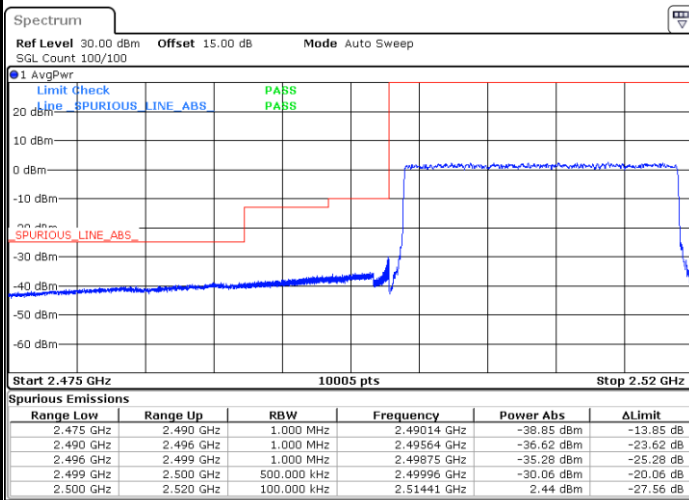
Date: 11.MAR.2025 11:33:33

Highest Band Edge / 1 RB



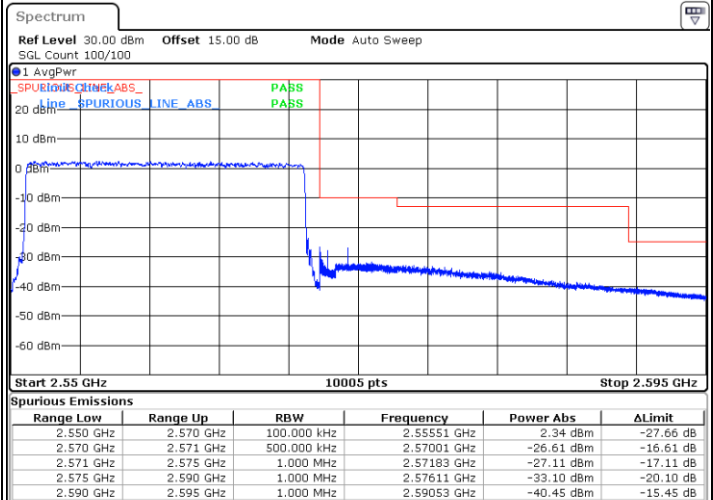
Date: 11.MAR.2025 11:41:50

Lowest Band Edge / Full RB



Date: 11.MAR.2025 11:35:19

Highest Band Edge / Full RB

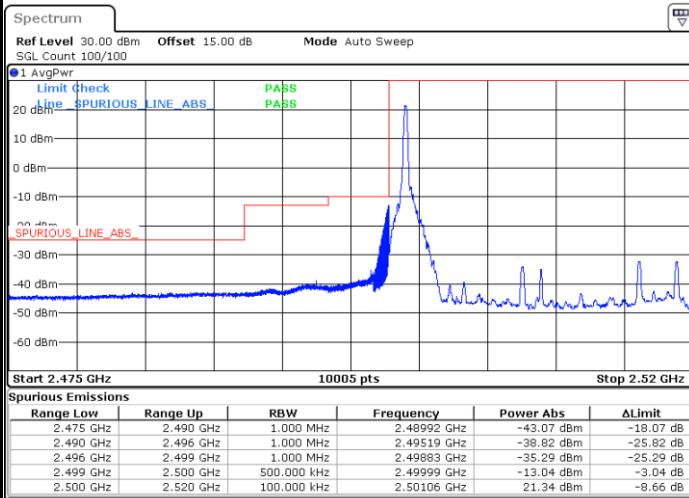


Date: 11.MAR.2025 11:43:35



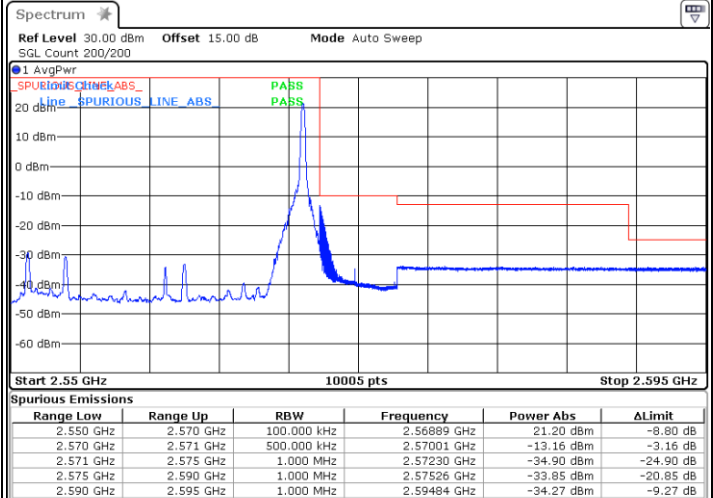
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



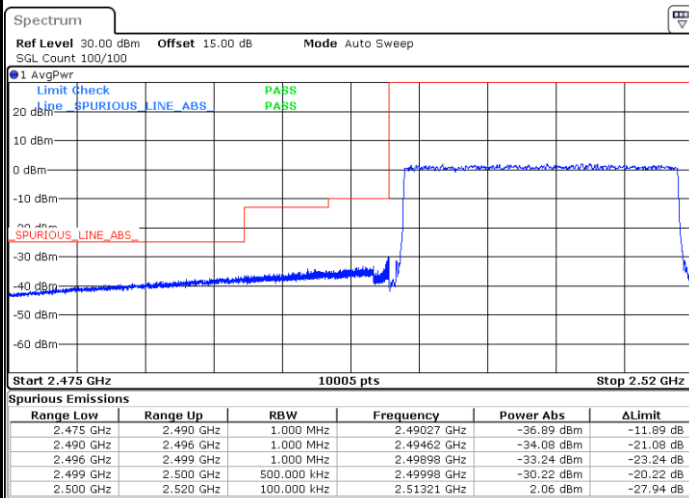
Date: 11.MAR.2025 11:34:08

Highest Band Edge / 1 RB



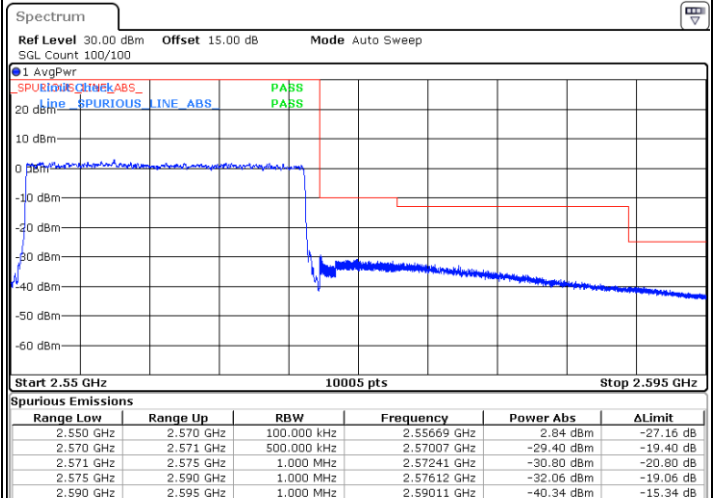
Date: 11.MAR.2025 14:24:05

Lowest Band Edge / Full RB



Date: 11.MAR.2025 11:35:54

Highest Band Edge / Full RB

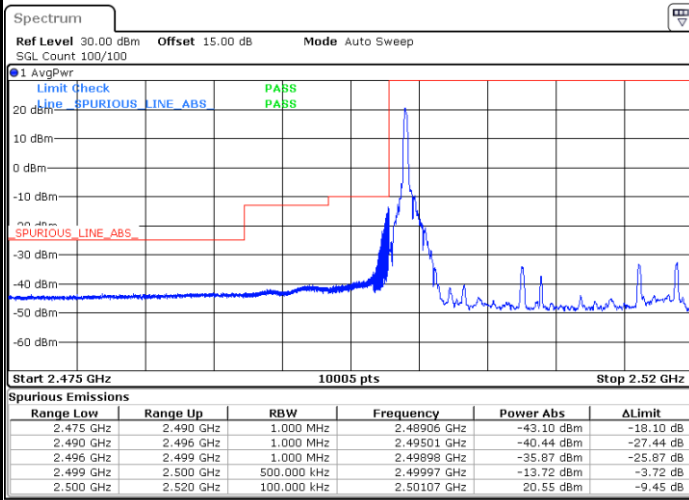


Date: 11.MAR.2025 11:44:11



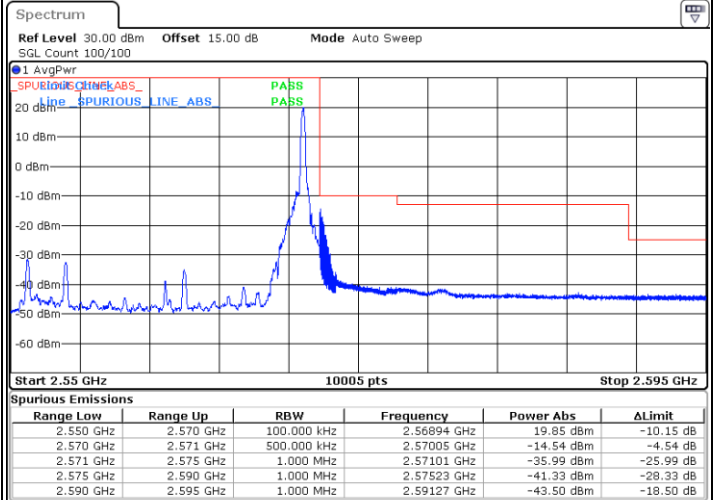
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



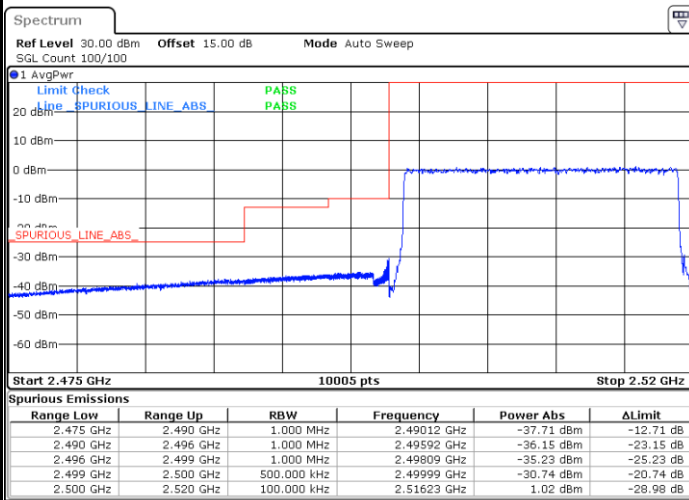
Date: 11.MAR.2025 11:34:44

Highest Band Edge / 1 RB



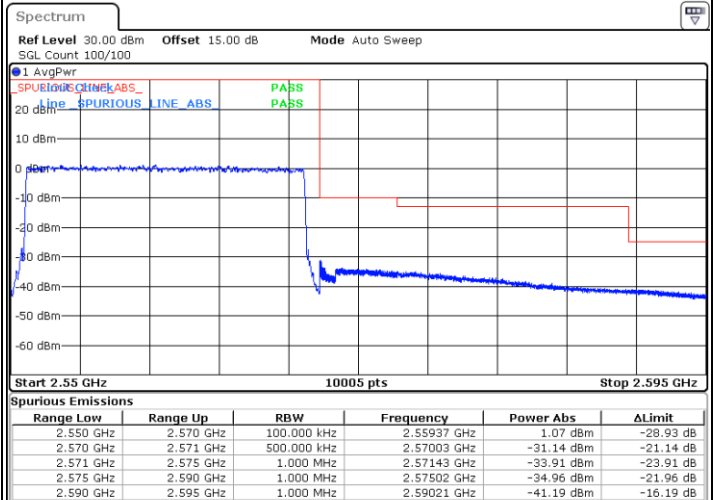
Date: 11.MAR.2025 11:43:00

Lowest Band Edge / Full RB



Date: 11.MAR.2025 11:36:30

Highest Band Edge / Full RB



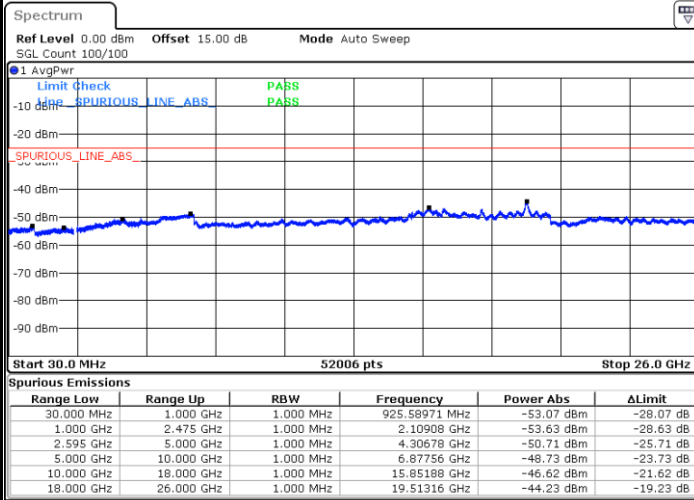
Date: 11.MAR.2025 11:44:46



Conducted Spurious Emission

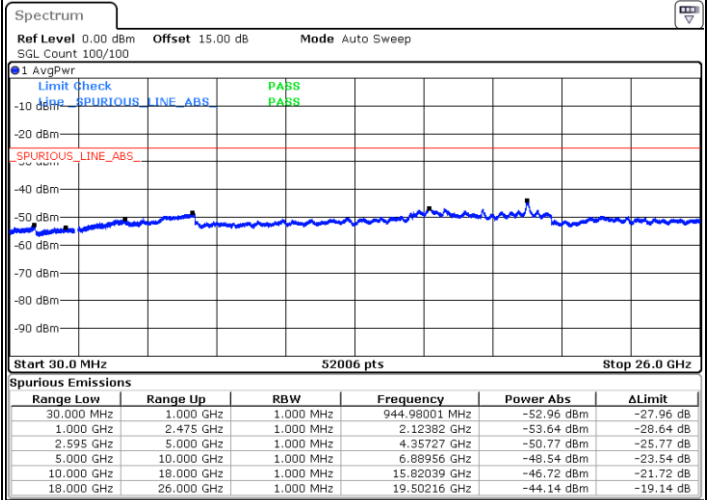
LTE Band 7 / 5MHz

Lowest Channel / QPSK



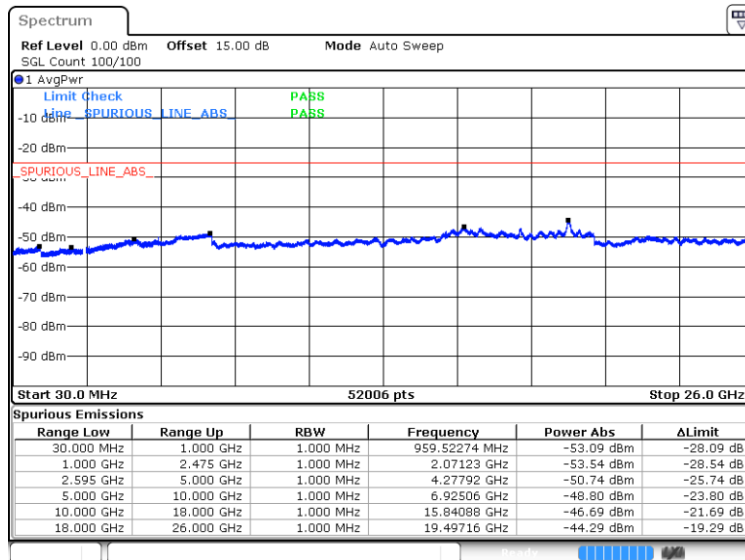
Date: 11.MAR.2025 10:43:01

Middle Channel / QPSK



Date: 11.MAR.2025 10:44:04

Highest Channel / QPSK

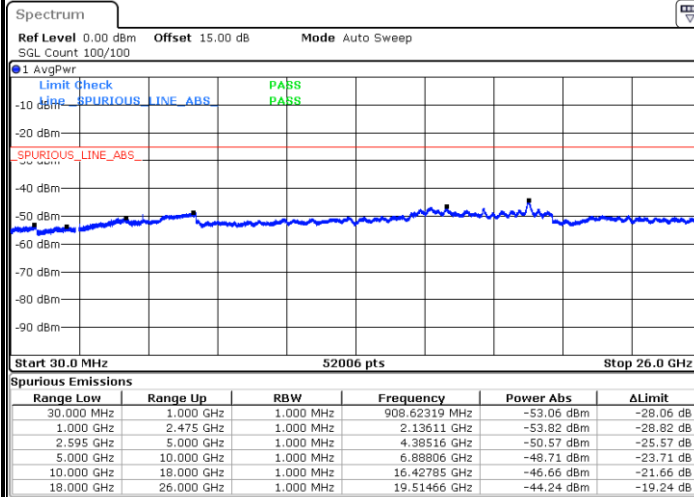


Date: 11.MAR.2025 10:49:58



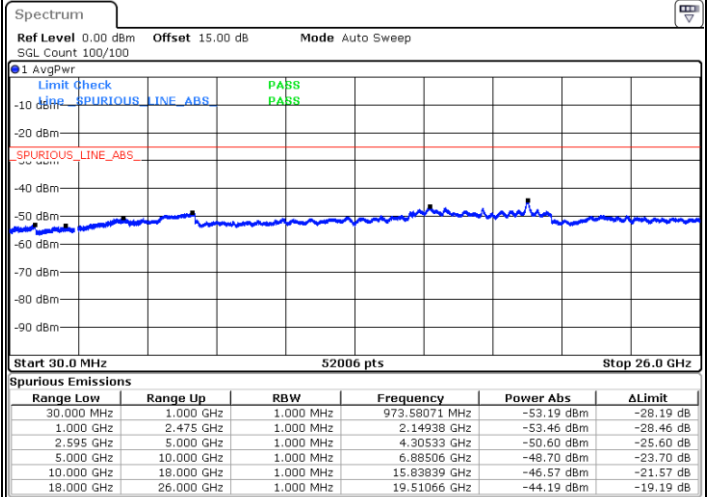
LTE Band 7 / 10MHz

Lowest Channel / QPSK



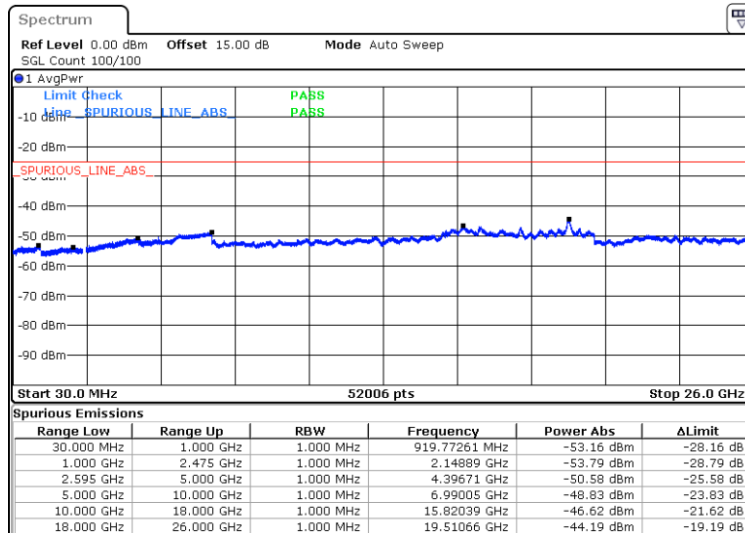
Date: 11.MAR.2025 10:58:53

Middle Channel / QPSK



Date: 11.MAR.2025 10:59:55

Highest Channel / QPSK

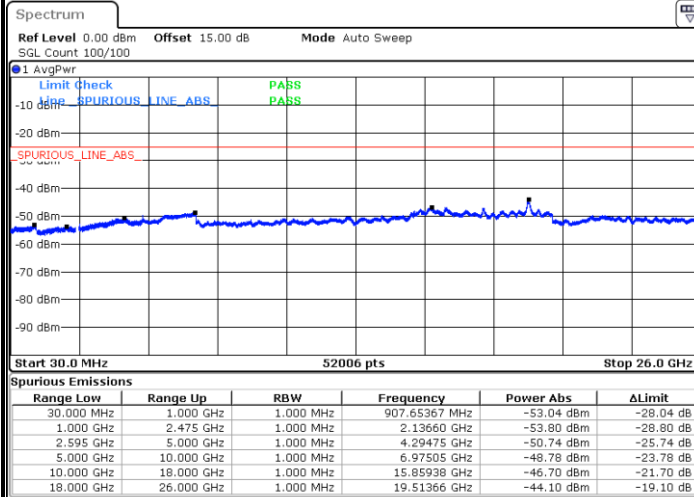


Date: 11.MAR.2025 11:05:48



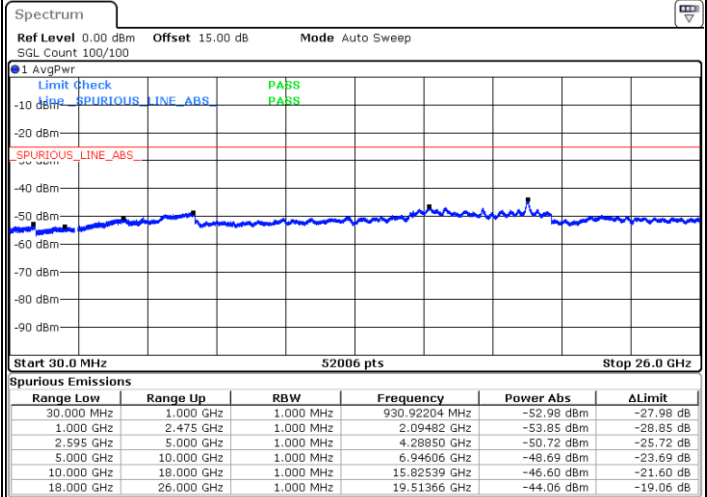
LTE Band 7 / 15MHz

Lowest Channel / QPSK



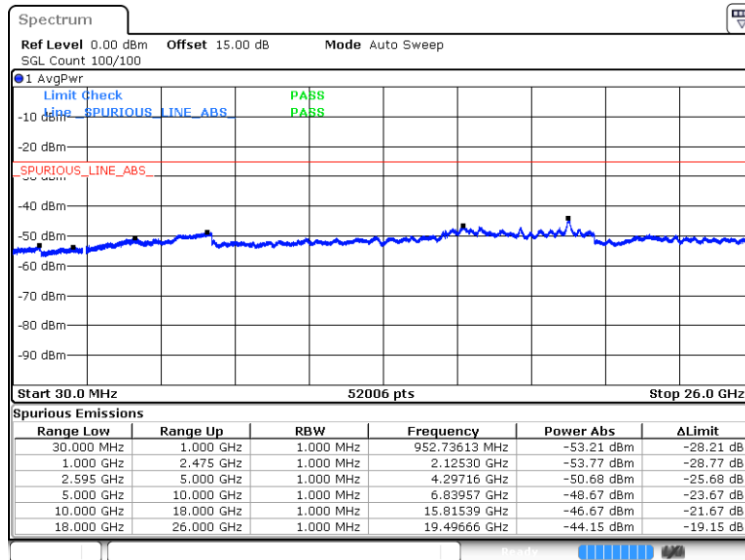
Date: 11.MAR.2025 11:11:07

Middle Channel / QPSK



Date: 11.MAR.2025 11:12:10

Highest Channel / QPSK



Date: 11.MAR.2025 11:18:03