

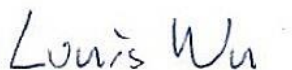


FCC RADIO TEST REPORT

FCC ID : 2AQ68T99W368M
Equipment : 5G WWAN Module
Brand Name : Foxconn
Model Name : T99W368M
Applicant : Hon Lin Technology Co., Ltd
11F, No.32, Jihu Rd., Neihu Dist., Taipei City
114, Taiwan R.O.C.
Manufacturer : Hon Lin Technology Co., Ltd
11F, No.32, Jihu Rd., Neihu Dist., Taipei City
114, Taiwan R.O.C.
Standard : FCC 47 CFR Part 2, 96

The product was received on Jul. 01, 2022 and testing was performed from Jul. 16, 2022 to Oct. 18, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG262904K	01	Initial issue of report	Oct. 28, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 RSS-192 8.6	Conducted Output Power	Reporting only	-
3.3	§96.41	Peak-to-Average Ratio	Pass	
3.4	§96.41	Effective Isotropic Radiated Power	Pass	-
		Power Density	Pass	-
3.5	§2.1049 §96.41	Occupied Bandwidth	Reporting only	-
3.6	§2.1051 §96.41	Conducted Band Edge Measurement	Pass	-
3.7	§2.1051 §96.41	Conducted Spurious Emission	Pass	
3.8	§2.1055	Frequency Stability for Temperature & Voltage	Pass	-
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	0.58 dB under the limit at 10842.000 MHz

Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
- The measurement uncertainty please refer to report "Uncertainty of Evaluation".

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Ruby Zou

1 General Description

1.1 Product Feature of Equipment Under Test

WCDMA/LTE/5G NR and GNSS

The following antennas were provided to the EUT

	Band	Brand	Model	Antenna Type	RF Exposure Max Antenna Gain(dBi)
LTE	42 (3550~3600MHz)	WHA YU	C107-511725-A	PCB	1
	43 (3600~3650MHz)	WHA YU	C107-511725-A	PCB	1
	48	WHA YU	C107-511725-A	PCB	1

Remark: The above EUT's information was declared by manufacturer and used for Radiated Spurious Emission test.

There are three different HW of T99W368M.

Brand	Model	HW
Foxconn	T99W368M	1. WCDMA+LTE+Sub6+mmWave+eSIM
		2. WCDMA+LTE+Sub6+mmWave w/o eSIM
		3. WCDMA+LTE+Sub6+mmWave +FPC connector on bottom w/o eSIM

Note: All the tests were performed with Sample 1.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH03-HY
Test Engineer	Jacky Wang
Temperature (°C)	23.1~25.4
Relative Humidity (%)	55.3~58.2

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH12-HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Tim Lee and Wilson Wu
Temperature (°C)	20~25
Relative Humidity (%)	50~60
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786



1.4 Applied Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	42	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	43	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	48	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	-	-	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	-	-				v	v	v	v	v			v		v	
Conducted Spurious Emission	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	-	-	v	v	v	v	v				v			v	v	v
E.I.R.P.	42	-	-	v	v	v	v	v	v	v	v	Max. Power					
	43	-	-	v	v	v	v	v	v	v	v						
	48	-	-	v	v	v	v	v	v	v	v						



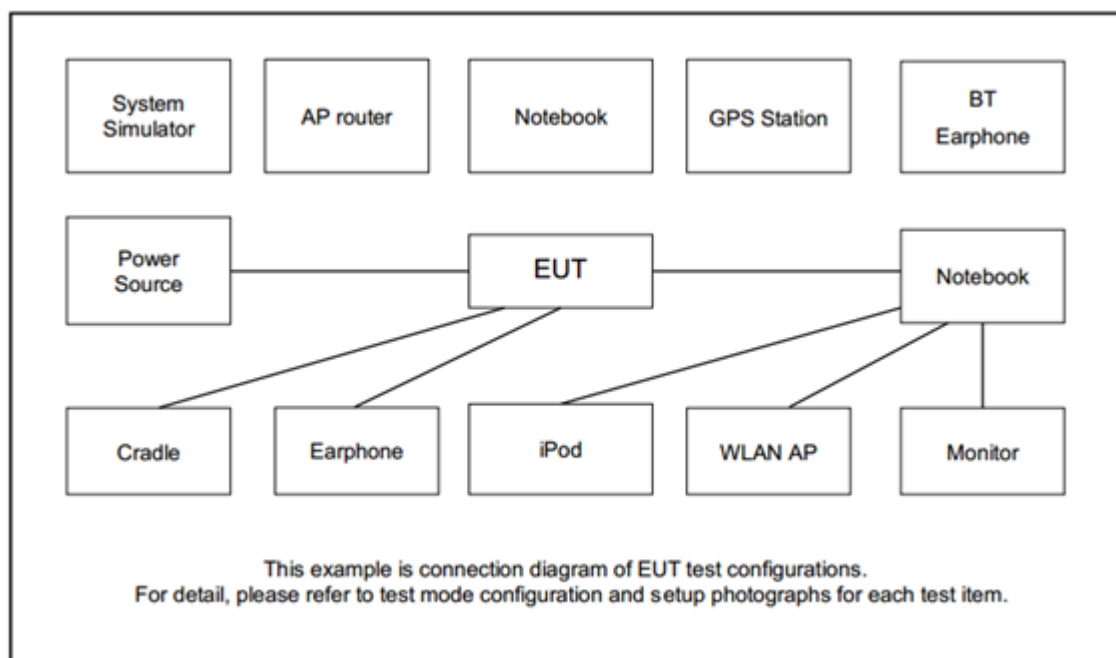
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Frequency Stability	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	-	-		v			v				v				v	
Radiated Spurious Emission	42	Cover by LTE Band 48															
	43	Cover by LTE Band 48															
	48	Worst Case													v	v	v
Remark	1. The mark “v ” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. Test combination is EN-DC 48A-n71A. 5. One representative bandwidth is selected to perform PAR and frequency stability. 6. Wider operating range bandwidth covers narrower one when the power is higher or the same. 7. LTE Band 48 support Ant. 0, Ant.2, after verified, the worst case is Ant. 0. Therefore, Conducted only performed the Ant. 0 test results in this report.																



Test Items	Band	Bandwidth (MHz)							Modulation				RB #			Test Channel		
		5+20	10+20	15+20	20+5	20+10	20+15	20+20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	42C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	43C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	48C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	42C_CA	Cover by LTE Band 48C																
	43C_CA	Cover by LTE Band 48C																
	48C_CA	v	v	v	v	v	v	v	v	v	v	v			v		v	
Conducted Band Edge	42C_CA	Cover by LTE Band 48C																
	43C_CA	Cover by LTE Band 48C																
	48C_CA	v	v	v	v	v	v	v	v	v	v	v	v		v	v	v	v
Conducted Spurious Emission	42C_CA	Cover by LTE Band 48C																
	43C_CA	Cover by LTE Band 48C																
	48C_CA	v	v	v	v	v	v	v	v	-	-	-	v			v	v	v
E.I.R.P.	42C_CA	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
	43C_CA	v	v	v	v	v	v	v	v	v	v	v						
	48C_CA	v	v	v	v	v	v	v	v	v	v	v						
Radiated Spurious Emission	42C_CA	Cover by LTE Band 48C																
	43C_CA	Cover by LTE Band 48C																
	48C_CA	Worst Case														v	v	v
Remark	1. The mark “v” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. Wider operating range bandwidth covers narrower one when the power is higher or the same.																	

Test Items	Band	Bandwidth (MHz)			Modulation				RB #			Test Channel		
		10+15	15+10	15+15	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	43C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	43C_CA	v	v	v	v	v	v	v			v	-	v	-
Conducted Band Edge	43C_CA	v	v	v	v	v	v	v	v		v	v	v	v
Conducted Spurious Emission	43C_CA	v	v	v	v	-	-	-	v			v	v	v
E.I.R.P.	43C_CA	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	43C_CA	Worst Case										v	v	v
Remark	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

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Notebook	Dell	Latitude 3400	N/A	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	Fixture	Foxconn	95.2580T00	N/A	N/A	N/A

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 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43190	43340	43490
	Frequency	3560.0	3575.0	3590.0
15	Channel	43165	43340	43515
	Frequency	3557.5	3575.0	3592.5
10	Channel	43140	43340	43540
	Frequency	3555.0	3575.0	3595.0
5	Channel	43115	43340	43565
	Frequency	3552.5	3575.0	3597.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43690	44090	44490
	Frequency	3610.0	3650.0	3690.0
15	Channel	43665	44090	44515
	Frequency	3607.5	3650.0	3692.5
10	Channel	43640	44090	44540
	Frequency	3605.0	3650.0	3695.0
5	Channel	43615	44090	44565
	Frequency	3602.5	3650.0	3697.5

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

LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43190	43241	43292
		Frequency	3560.0	3565.1	3570.2
	SCC	Channel	43388	43439	43490
		Frequency	3579.8	3584.9	3590.0
20 + 15	PCC	Channel	43190	43266	43344
		Frequency	3560.0	3567.6	3575.4
	SCC	Channel	43361	43437	43515
		Frequency	3577.1	3584.7	3592.5
15 + 20	PCC	Channel	43165	43243	43319
		Frequency	3557.5	3565.3	3572.9
	SCC	Channel	43336	43414	43490
		Frequency	3574.6	3582.4	3590.0
20 + 10	PCC	Channel	43190	43291	43396
		Frequency	3560.0	3570.1	3580.6
	SCC	Channel	43334	43435	43540
		Frequency	3574.4	3584.5	3595.0
10 + 20	PCC	Channel	43140	43246	43346
		Frequency	3555.0	3565.6	3575.6
	SCC	Channel	43284	43390	43490
		Frequency	3569.4	3580.0	3590.0
20 + 5	PCC	Channel	43190	43315	43448
		Frequency	3560.0	3572.5	3585.8
	SCC	Channel	43307	43432	43565
		Frequency	3571.7	3584.2	3597.5
5 + 20	PCC	Channel	43115	43248	43373
		Frequency	3552.5	3565.8	3578.3
	SCC	Channel	43232	43365	43490
		Frequency	3564.2	3577.5	3590.0



LTE Band 43C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43690	43991	44292
		Frequency	3610.0	3640.1	3670.2
	SCC	Channel	43888	44189	44490
		Frequency	3629.8	3659.9	3690.0
20 + 15	PCC	Channel	43690	44016	44344
		Frequency	3610.0	3642.6	3675.4
	SCC	Channel	43861	44187	44515
		Frequency	3627.1	3659.7	3692.5
15 + 20	PCC	Channel	43665	43993	44319
		Frequency	3607.5	3640.3	3672.9
	SCC	Channel	43836	44164	44490
		Frequency	3624.6	3657.4	3690.0
15 + 15	PCC	Channel	43665	44015	44365
		Frequency	3607.5	3642.5	3677.5
	SCC	Channel	43815	44165	44515
		Frequency	3622.5	3657.5	3692.5
15 + 10	PCC	Channel	43665	44041	44420
		Frequency	3607.5	3645.1	3683.0
	SCC	Channel	43785	44161	44540
		Frequency	3619.5	3657.1	3695.0
10 + 15	PCC	Channel	43640	44019	44395
		Frequency	3605.0	3642.9	3680.5
	SCC	Channel	43760	44139	44515
		Frequency	3617.0	3654.9	3692.5
20 + 10	PCC	Channel	43690	44041	44396
		Frequency	3610.0	3645.1	3680.6
	SCC	Channel	43834	44185	44540
		Frequency	3624.4	3659.5	3695.0

LTE Band 43 Channel and Frequency List_CA					
10 + 20	PCC	Channel	43640	43996	44346
		Frequency	3605.0	3640.6	3675.6
	SCC	Channel	43784	44140	44490
		Frequency	3619.4	3655.0	3690.0
20 + 5	PCC	Channel	43690	44065	44448
		Frequency	3610.0	3647.5	3685.8
	SCC	Channel	43807	44182	44565
		Frequency	3621.7	3659.2	3697.5
5 + 20	PCC	Channel	43615	43998	44373
		Frequency	3602.5	3640.8	3678.3
	SCC	Channel	43732	44115	44490
		Frequency	3614.2	3652.5	3690.0

LTE Band 48C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	55340	55891	56442
		Frequency	3560	3615.1	3670.2
	SCC	Channel	55538	56089	56640
		Frequency	3579.8	3634.9	3690
20 + 15	PCC	Channel	55340	55916	56491
		Frequency	3560	3617.6	3675.1
	SCC	Channel	55511	56087	56662
		Frequency	3577.1	3634.7	3692.2
15 + 20	PCC	Channel	55318	55893	56469
		Frequency	3557.8	3615.3	3672.9
	SCC	Channel	55489	56064	56640
		Frequency	3574.9	3632.4	3690
20 + 10	PCC	Channel	55340	55941	56541
		Frequency	3560	3620.1	3680.1
	SCC	Channel	55484	56085	56685
		Frequency	3574.4	3634.5	3694.5

LTE Band 48C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 20	PCC	Channel	55295	55896	56496
		Frequency	3555.5	3615.6	3675.6
	SCC	Channel	55439	56040	56640
		Frequency	3569.9	3630	3690
20 + 5	PCC	Channel	55340	55965	56590
		Frequency	3560	3622.5	3685
	SCC	Channel	55457	56082	56707
		Frequency	3571.7	3634.2	3696.7
5 + 20	PCC	Channel	55273	55898	56523
		Frequency	3553.3	3615.8	3678.3
	SCC	Channel	55390	56015	56640
		Frequency	3565	3627.5	3690

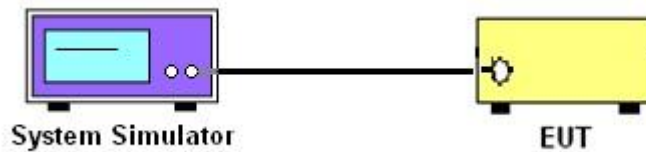
3 Conducted Test Items

3.1 Measuring Instruments

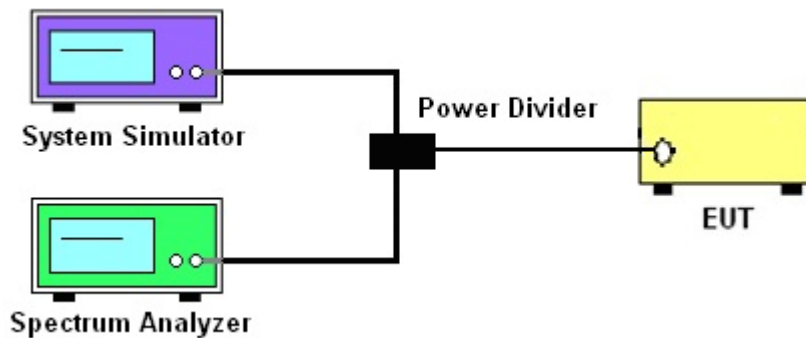
See list of measuring instruments of this test report.

3.1.1 Test Setup

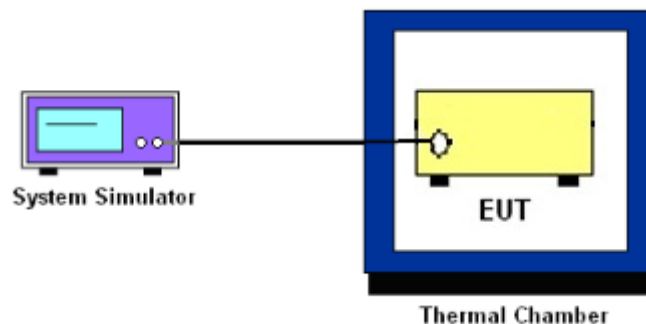
3.1.2 Conducted Output Power



3.1.3 EIRP, Power Density, Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power Measurement

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 EIRP and Power Density

3.4.1 Description of the EIRP and Power Density Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 42 and Band 43, and Band 48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

Device	Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a

Remark: Total channel power is complied with EIRP limit 23dBm/10MHz.

3.4.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.

3.5 Occupied Bandwidth

3.5.1 Description of Occupied Bandwidth Measurement

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

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

3.5.2 Test Procedures

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

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

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The 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
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. The conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed -25 dBm/MHz

For Adjacent Channel Leakage Ratio (ACLR) measurement,

1. The Adjacent Channel Leakage Ratio (ACLR) is the ratio of the average power in the assigned aggregated channel bandwidth to the average power over the equivalent adjacent channel bandwidth.
2. The option ACLR of spectrum analyzer is used and measures the ACLR ratio by setting equivalent channel bandwidth.
3. The measured ACLR ratio shall be at least 30 dB.



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

96.41 (e)(2)

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

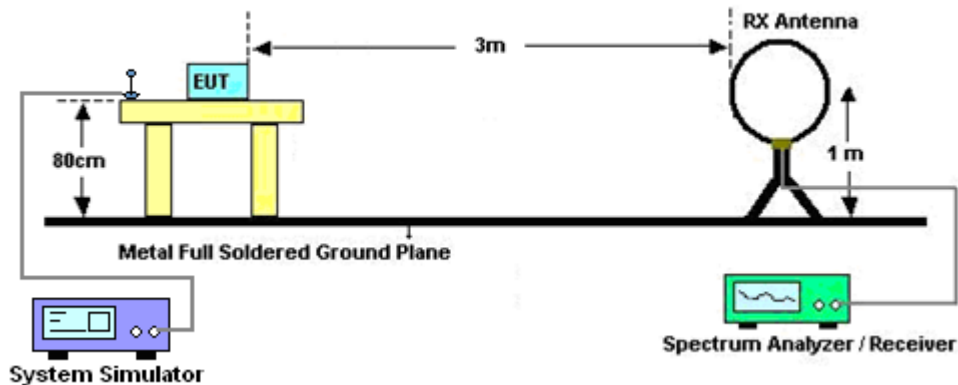
4 Radiated Test Items

4.1 Measuring Instruments

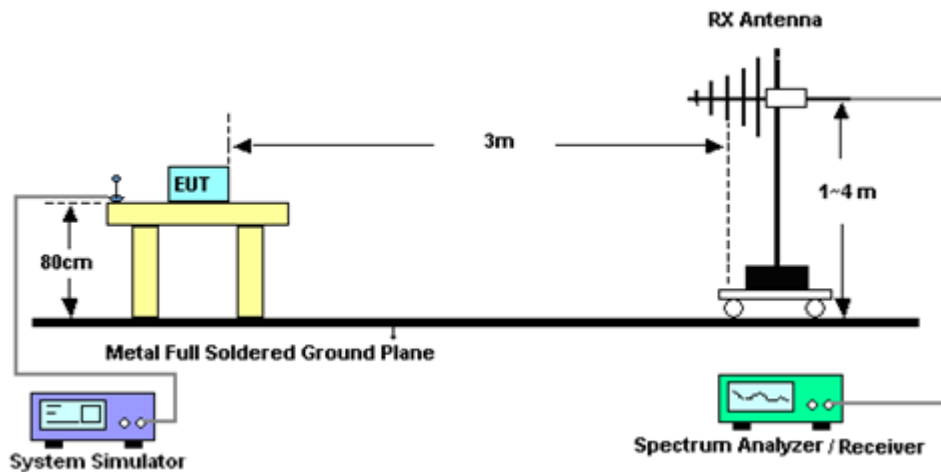
See list of measuring instruments of this test report.

4.2 Test Setup

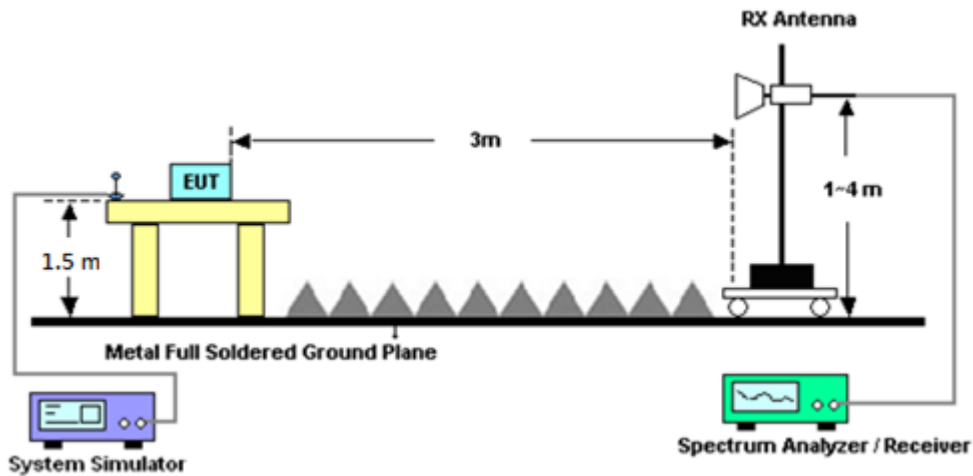
For radiated emissions below 30MHz



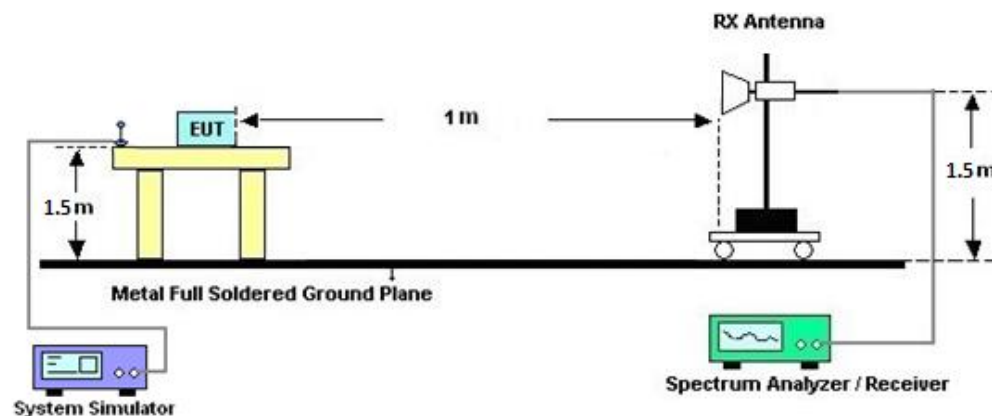
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



For radiated test above 18GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least -40dBm / MHz .

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

4.4.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
$$\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$$
$$\text{ERP (dBm)} = \text{EIRP} - 2.15$$
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is -40dBm/MHz



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Jul. 16, 2022~ Sep. 06, 2022	May 12, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Jul. 16, 2022~ Sep. 06, 2022	Oct. 08, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Jul. 16, 2022~ Sep. 06, 2022	Oct. 08, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Dec. 03, 2021	Jul. 16, 2022~ Sep. 06, 2022	Dec. 02, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 10, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Jul. 16, 2022~ Sep. 06, 2022	Nov. 29, 2022	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 30, 2021	Jul. 16, 2022~ Sep. 06, 2022	Nov. 29, 2022	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 22, 2023	Radiation (03CH12-HY)
Preamplifier	Aglient	8449B	3008A02375	1GHz~26.5GHz	May 24, 2022	Jul. 16, 2022~ Sep. 06, 2022	May 23, 2023	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18G-5 6-01-A70	EC1900249	1GHz~18GHz	Dec. 22, 2021	Jul. 16, 2022~ Sep. 06, 2022	Dec. 21, 2022	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Jul. 16, 2022~ Sep. 06, 2022	Dec. 23, 2022	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 12, 2022	Jul. 16, 2022~ Sep. 06, 2022	Jan. 11, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12SS	SN2	1.2GHz Low Pass Filter	Mar. 15, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 14, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872.5-67 50-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 16, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 15, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 10, 2021	Jul. 16, 2022~ Sep. 06, 2022	Dec. 09, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 21, 2022	Jul. 16, 2022~ Sep. 06, 2022	Feb. 20, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Mar. 08, 2022	Jul. 16, 2022~ Sep. 06, 2022	Mar. 07, 2023	Radiation (03CH12-HY)
Hygrometer	TECEPEL	DTM-303B	TP140349	N/A	Sep. 30, 2021	Jul. 16, 2022~ Sep. 06, 2022	Sep. 29, 2022	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 16, 2022~ Sep. 06, 2022	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Jul. 16, 2022~ Sep. 06, 2022	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jul. 16, 2022~ Sep. 06, 2022	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025280	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 29, 2021	Aug. 08, 2022~ Oct. 18, 2022	Oct. 28, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Oct. 01, 2021	Aug. 08, 2022~ Sep. 26, 2022	Sep. 30, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Sep. 27, 2022	Sep. 27, 2022~ Oct. 18, 2022	Sep. 26, 2023	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40°C ~90°C	Sep. 07, 2022	Sep. 08, 2022~ Oct. 18, 2022	Sep. 06, 2023	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Jan. 06, 2022	Aug. 08, 2022~ Oct. 18, 2022	Jan. 05, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Aug. 08, 2022~ Oct. 18, 2022	Jan. 06, 2023	Conducted (TH03-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.25 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.81 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & EIRP)

LTE Band 43 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.92	21.95	21.93	22.95	0.1972
20	1	49		21.83	21.82	21.91		
20	1	99		21.88	21.94	21.85		
20	50	0		20.89	20.88	20.99		
20	50	24		20.87	20.86	20.84		
20	50	50		20.78	20.87	20.78		
20	100	0		20.92	20.88	20.93		
20	1	0	16-QAM	20.90	20.94	20.93	21.94	0.1563
20	1	49		20.91	20.89	20.80		
20	1	99		20.86	20.86	20.93		
20	50	0		19.94	19.90	19.91		
20	50	24		19.93	19.93	19.92		
20	50	50		19.87	19.90	20.00		
20	100	0		19.88	19.95	19.87		
20	1	0	64-QAM	19.84	19.85	19.93	20.99	0.1256
20	1	49		19.94	19.95	19.93		
20	1	99		19.93	19.97	19.99		
20	50	0		18.86	18.99	18.96		
20	50	24		18.85	18.94	18.90		
20	50	50		18.77	18.90	18.91		
20	100	0		18.79	18.91	18.94		
20	1	0	256-QAM	16.96	16.94	16.92	17.98	0.0628
20	1	49		16.94	16.89	16.90		
20	1	99		16.75	16.82	16.81		
20	50	0		16.88	16.91	16.98		
20	50	24		16.92	16.94	16.90		
20	50	50		16.84	16.88	16.81		
20	100	0		16.85	16.92	16.85		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.85	21.94	21.92	22.94	0.1968
15	1	37		21.69	21.77	21.75		
15	1	74		21.74	21.89	21.75		
15	36	0		20.72	20.85	20.90		
15	36	20		20.84	20.72	20.65		
15	36	39		20.78	20.69	20.76		
15	75	0		20.92	20.79	20.81		
15	1	0	16-QAM	20.75	20.90	20.81	21.90	0.1549
15	1	37		20.81	20.72	20.65		
15	1	74		20.81	20.72	20.73		
15	36	0		19.77	19.79	19.88		
15	36	20		19.89	19.79	19.82		
15	36	39		19.84	19.77	19.85		
15	75	0		19.87	19.89	19.78		
15	1	0	64-QAM	19.83	19.82	19.79	20.96	0.1247
15	1	37		19.84	19.75	19.87		
15	1	74		19.85	19.96	19.81		
15	36	0		18.69	18.80	18.96		
15	36	20		18.76	18.78	18.73		
15	36	39		18.61	18.70	18.73		
15	75	0		18.69	18.75	18.90		
15	1	0	256-QAM	16.82	16.83	16.78	17.90	0.0617
15	1	37		16.79	16.82	16.83		
15	1	74		16.58	16.73	16.71		
15	36	0		16.79	16.72	16.90		
15	36	20		16.78	16.84	16.75		
15	36	39		16.81	16.73	16.66		
15	75	0		16.65	16.88	16.66		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.72	21.85	21.93	22.93	0.1963
10	1	25		21.65	21.80	21.74		
10	1	49		21.87	21.76	21.84		
10	25	0		20.70	20.81	20.98		
10	25	12		20.75	20.75	20.81		
10	25	25		20.65	20.70	20.66		
10	50	0		20.84	20.86	20.76		
10	1	0	16-QAM	20.82	20.74	20.78	21.86	0.1535
10	1	25		20.73	20.82	20.65		
10	1	49		20.78	20.70	20.86		
10	25	0		19.84	19.75	19.71		
10	25	12		19.78	19.82	19.89		
10	25	25		19.75	19.75	19.84		
10	50	0		19.76	19.87	19.67		
10	1	0	64-QAM	19.75	19.79	19.78	20.97	0.1250
10	1	25		19.80	19.80	19.85		
10	1	49		19.84	19.97	19.95		
10	25	0		18.75	18.97	18.86		
10	25	12		18.73	18.86	18.71		
10	25	25		18.61	18.76	18.91		
10	50	0		18.74	18.82	18.88		
10	1	0	256-QAM	16.80	16.85	16.85	17.97	0.0627
10	1	25		16.87	16.85	16.75		
10	1	49		16.60	16.73	16.72		
10	25	0		16.79	16.75	16.97		
10	25	12		16.91	16.90	16.79		
10	25	25		16.82	16.74	16.74		
10	50	0		16.74	16.85	16.84		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.84	21.83	21.74	22.94	0.1968
5	1	12		21.78	21.69	21.88		
5	1	24		21.76	21.94	21.85		
5	12	0		20.79	20.74	20.95		
5	12	7		20.81	20.71	20.68		
5	12	13		20.59	20.69	20.67		
5	25	0		20.84	20.81	20.85		
5	1	0	16-QAM	20.86	20.87	20.83	21.89	0.1545
5	1	12		20.81	20.89	20.74		
5	1	24		20.75	20.76	20.82		
5	12	0		19.84	19.70	19.86		
5	12	7		19.76	19.74	19.87		
5	12	13		19.78	19.84	19.96		
5	25	0		19.78	19.79	19.86		
5	1	0	64-QAM	19.72	19.78	19.73	20.95	0.1245
5	1	12		19.91	19.95	19.80		
5	1	24		19.89	19.87	19.95		
5	12	0		18.84	18.91	18.95		
5	12	7		18.68	18.75	18.81		
5	12	13		18.62	18.81	18.90		
5	25	0		18.79	18.86	18.83		
5	1	0	256-QAM	16.78	16.84	16.73	17.89	0.0615
5	1	12		16.82	16.85	16.76		
5	1	24		16.60	16.66	16.75		
5	12	0		16.78	16.89	16.78		
5	12	7		16.78	16.88	16.78		
5	12	13		16.66	16.70	16.73		
5	25	0		16.69	16.89	16.70		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.78	21.76	21.99	22.99	0.1991
20	1	49		21.70	21.68	21.72		
20	1	99		21.62	21.64	21.64		
20	50	0		20.84	20.71	20.83		
20	50	24		20.76	20.71	20.82		
20	50	50		20.74	20.73	20.72		
20	100	0		20.75	20.75	20.82		
20	1	0	16-QAM	20.81	20.79	20.86	21.91	0.1552
20	1	49		20.91	20.79	20.89		
20	1	99		20.64	20.50	20.57		
20	50	0		19.87	19.80	19.85		
20	50	24		19.76	19.72	19.84		
20	50	50		19.75	19.75	19.72		
20	100	0		19.74	19.69	19.80		
20	1	0	64-QAM	19.78	19.60	19.78	20.78	0.1197
20	1	49		19.76	19.59	19.71		
20	1	99		19.53	19.54	19.55		
20	50	0		18.85	18.74	18.83		
20	50	24		18.77	18.65	18.83		
20	50	50		18.72	18.66	18.71		
20	100	0		18.75	18.79	18.81		
20	1	0	256-QAM	16.67	16.75	16.43	17.85	0.0610
20	1	49		16.64	16.68	16.42		
20	1	99		16.63	16.73	16.39		
20	50	0		16.69	16.75	16.46		
20	50	24		16.77	16.82	16.43		
20	50	50		16.74	16.78	16.40		
20	100	0		16.69	16.85	16.55		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.75	21.75	21.69	22.75	0.1884
15	1	37		21.73	21.56	21.71		
15	1	74		21.65	21.55	21.58		
15	36	0		20.85	20.76	20.80		
15	36	20		20.75	20.70	20.79		
15	36	39		20.75	20.54	20.76		
15	75	0		20.75	20.57	20.78		
15	1	0	16-QAM	20.85	20.72	20.67	21.85	0.1531
15	1	37		20.68	20.80	20.78		
15	1	74		20.67	20.50	20.59		
15	36	0		19.85	19.83	19.82		
15	36	20		19.76	19.71	19.79		
15	36	39		19.76	19.68	19.78		
15	75	0		19.77	19.70	19.78		
15	1	0	64-QAM	19.75	19.68	19.72	20.75	0.1189
15	1	37		19.74	19.62	19.74		
15	1	74		19.61	19.50	19.54		
15	36	0		18.85	18.74	18.81		
15	36	20		18.75	18.64	18.80		
15	36	39		18.76	18.71	18.77		
15	75	0		18.78	18.64	18.80		
15	1	0	256-QAM	16.49	16.73	16.27	17.80	0.0603
15	1	37		16.60	16.54	16.35		
15	1	74		16.51	16.58	16.36		
15	36	0		16.58	16.67	16.36		
15	36	20		16.58	16.66	16.38		
15	36	39		16.67	16.77	16.36		
15	75	0		16.65	16.80	16.53		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.90	21.87	21.95	22.98	0.1986
10	1	25		21.98	21.92	21.92		
10	1	49		21.88	21.69	21.84		
10	25	0		20.98	20.91	20.99		
10	25	12		20.99	20.85	20.99		
10	25	25		20.89	20.79	20.95		
10	50	0		20.91	20.92	20.95		
10	1	0	16-QAM	20.91	20.80	20.99	21.99	0.1581
10	1	25		20.91	20.92	20.97		
10	1	49		20.88	20.72	20.81		
10	25	0		19.92	19.87	19.93		
10	25	12		19.91	19.95	19.98		
10	25	25		19.88	19.76	19.95		
10	50	0		19.91	19.88	19.97		
10	1	0	64-QAM	19.93	19.75	19.97	20.97	0.1250
10	1	25		19.93	19.87	19.92		
10	1	49		19.91	19.61	19.82		
10	25	0		18.97	18.82	18.97		
10	25	12		18.91	18.96	18.98		
10	25	25		18.90	18.86	18.95		
10	50	0		18.89	18.87	18.96		
10	1	0	256-QAM	16.62	16.62	16.27	17.76	0.0597
10	1	25		16.51	16.55	16.41		
10	1	49		16.61	16.72	16.29		
10	25	0		16.61	16.55	16.43		
10	25	12		16.63	16.63	16.42		
10	25	25		16.62	16.63	16.37		
10	50	0		16.55	16.76	16.47		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.89	21.84	21.85	22.93	0.1963
5	1	12		21.91	21.77	21.93		
5	1	24		21.90	21.85	21.83		
5	12	0		20.96	20.87	20.94		
5	12	7		20.97	20.91	20.94		
5	12	13		20.86	20.78	20.93		
5	25	0		20.88	20.85	20.93		
5	1	0	16-QAM	20.93	20.74	20.86	21.98	0.1578
5	1	12		20.98	20.80	20.97		
5	1	24		20.93	20.87	20.89		
5	12	0		19.96	19.79	19.94		
5	12	7		19.98	19.92	19.98		
5	12	13		19.87	19.69	19.92		
5	25	0		19.89	19.91	19.94		
5	1	0	64-QAM	19.88	19.84	19.86	20.93	0.1239
5	1	12		19.93	19.72	19.93		
5	1	24		19.90	19.81	19.81		
5	12	0		18.91	18.85	18.97		
5	12	7		18.93	18.92	19.00		
5	12	13		18.87	18.69	18.87		
5	25	0		18.87	18.82	18.92		
5	1	0	256-QAM	16.52	16.73	16.26	17.75	0.0596
5	1	12		16.56	16.64	16.37		
5	1	24		16.53	16.69	16.27		
5	12	0		16.67	16.59	16.31		
5	12	7		16.68	16.69	16.41		
5	12	13		16.59	16.75	16.28		
5	25	0		16.67	16.73	16.44		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.30	21.36	21.48	22.48	0.1770
20	1	49		21.03	21.17	21.28		
20	1	99		20.95	21.11	21.17		
20	50	0		20.05	20.19	20.31		
20	50	24		20.06	20.17	20.36		
20	50	50		20.09	20.19	20.32		
20	100	0		20.03	20.16	20.35		
20	1	0	16-QAM	20.04	20.18	20.33	21.33	0.1358
20	1	49		20.31	20.23	20.26		
20	1	99		20.01	20.14	20.23		
20	50	0		19.10	19.22	19.34		
20	50	24		19.05	19.17	19.36		
20	50	50		19.10	19.21	19.31		
20	100	0		19.05	19.15	19.35		
20	1	0	64-QAM	19.00	19.11	19.20	20.21	0.1050
20	1	49		19.01	19.16	19.21		
20	1	99		18.97	19.07	19.12		
20	50	0		18.07	18.18	18.32		
20	50	24		18.05	18.18	18.37		
20	50	50		18.08	18.21	18.32		
20	100	0		18.05	18.18	18.34		
20	1	0	256-QAM	15.95	16.07	15.92	17.12	0.0515
20	1	49		15.90	16.01	15.95		
20	1	99		16.00	16.03	15.98		
20	50	0		15.95	16.02	15.97		
20	50	24		16.01	16.07	16.02		
20	50	50		16.03	16.12	16.11		
20	100	0		15.99	16.06	16.05		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.30	21.29	21.36	22.36	0.1722
15	1	37		20.84	21.07	21.27		
15	1	74		20.95	20.92	20.97		
15	36	0		19.96	20.03	20.19		
15	36	20		19.97	19.97	20.19		
15	36	39		19.95	20.07	20.25		
15	75	0		19.94	20.08	20.17		
15	1	0	16-QAM	19.99	20.13	20.24	21.24	0.1330
15	1	37		20.22	20.18	20.21		
15	1	74		19.84	20.11	20.18		
15	36	0		19.00	19.11	19.15		
15	36	20		18.90	19.12	19.27		
15	36	39		18.91	19.20	19.28		
15	75	0		18.94	18.95	19.17		
15	1	0	64-QAM	18.82	18.99	19.07	20.20	0.1047
15	1	37		18.98	19.07	19.20		
15	1	74		18.87	19.05	19.12		
15	36	0		17.97	18.05	18.18		
15	36	20		17.87	18.10	18.26		
15	36	39		17.90	18.21	18.24		
15	75	0		17.87	18.03	18.29		
15	1	0	256-QAM	15.84	15.93	15.79	17.04	0.0506
15	1	37		15.74	15.96	15.82		
15	1	74		15.81	15.95	15.88		
15	36	0		15.75	16.00	15.97		
15	36	20		15.99	15.87	15.96		
15	36	39		15.85	16.04	15.96		
15	75	0		15.86	15.89	15.90		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.22	21.27	21.46	22.46	0.1762
10	1	25		20.98	21.09	21.27		
10	1	49		20.87	21.08	21.02		
10	25	0		19.96	20.10	20.27		
10	25	12		20.06	19.98	20.33		
10	25	25		20.00	20.14	20.32		
10	50	0		19.88	20.03	20.32		
10	1	0	16-QAM	19.92	20.11	20.23	21.23	0.1327
10	1	25		20.11	20.03	20.08		
10	1	49		19.86	20.10	20.09		
10	25	0		19.01	19.22	19.28		
10	25	12		19.00	19.06	19.21		
10	25	25		19.03	19.05	19.18		
10	50	0		18.93	19.08	19.21		
10	1	0	64-QAM	18.86	18.95	19.18	20.18	0.1042
10	1	25		19.01	19.05	19.09		
10	1	49		18.80	18.93	19.02		
10	25	0		18.04	18.18	18.31		
10	25	12		17.85	18.17	18.31		
10	25	25		17.91	18.01	18.16		
10	50	0		18.01	18.12	18.15		
10	1	0	256-QAM	15.78	15.88	15.82	17.04	0.0506
10	1	25		15.84	15.92	15.84		
10	1	49		15.91	15.85	15.94		
10	25	0		15.83	16.02	15.96		
10	25	12		15.89	16.04	16.01		
10	25	25		15.95	16.00	15.98		
10	50	0		15.90	15.99	16.01		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42 Maximum Average Power [dBm] (GT - LC = 1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.30	21.19	21.42	22.42	0.1746
5	1	12		20.89	21.03	21.19		
5	1	24		20.94	21.10	20.97		
5	12	0		19.88	20.19	20.24		
5	12	7		20.04	20.04	20.24		
5	12	13		20.05	19.99	20.24		
5	25	0		19.85	20.06	20.27		
5	1	0	16-QAM	19.93	20.05	20.31	21.31	0.1352
5	1	12		20.20	20.04	20.21		
5	1	24		19.81	20.02	20.10		
5	12	0		19.08	19.04	19.23		
5	12	7		18.85	18.98	19.27		
5	12	13		18.91	19.11	19.28		
5	25	0		18.85	19.01	19.18		
5	1	0	64-QAM	18.97	19.01	19.12	20.16	0.1038
5	1	12		18.96	19.16	19.09		
5	1	24		18.83	18.92	19.10		
5	12	0		17.87	18.08	18.27		
5	12	7		17.90	18.09	18.34		
5	12	13		17.96	18.01	18.12		
5	25	0		17.88	17.98	18.22		
5	1	0	256-QAM	15.82	16.07	15.90	17.07	0.0509
5	1	12		15.85	15.91	15.78		
5	1	24		15.99	15.94	15.82		
5	12	0		15.81	15.94	15.94		
5	12	7		15.96	16.06	15.82		
5	12	13		15.98	16.06	16.03		
5	25	0		15.87	16.05	16.04		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	18.20	18.07	18.13	19.20	0.0832
20+20	1	0	1	99		8.32	8.28	8.22		
20+20	1	99	1	0		8.15	8.09	8.11		
20+20	100	0	100	0	16-QAM	18.17	18.08	18.16	19.17	0.0826
20+20	1	0	1	99		8.86	8.89	8.81		
20+20	1	99	1	0		8.79	8.79	8.65		
20+20	100	0	100	0	64-QAM	18.18	18.09	18.15	19.18	0.0828
20+20	1	0	1	99		8.68	8.70	8.58		
20+20	1	99	1	0		8.57	8.61	8.54		
20+20	100	0	100	0	256-QAM	17.96	18.09	18.13	19.13	0.0818
20+20	1	0	1	99		8.33	8.32	8.27		
20+20	1	99	1	0		8.17	8.33	8.09		
20+15	100	0	75	0	QPSK	20.15	20.05	20.12	21.15	0.1303
20+15	1	0	1	74		8.30	8.27	8.21		
20+15	1	74	1	0		8.09	8.03	7.98		
20+15	100	0	75	0	16-QAM	19.18	19.07	19.12	20.18	0.1042
20+15	1	0	1	74		8.80	8.86	8.79		
20+15	1	74	1	0		8.64	8.67	8.62		
20+15	100	0	75	0	64-QAM	19.17	19.09	19.13	20.17	0.1040
20+15	1	0	1	74		8.68	8.66	8.56		
20+15	1	74	1	0		8.56	8.48	8.45		
20+15	100	0	75	0	256-QAM	16.93	17.06	16.91	18.06	0.0640
20+15	1	0	1	74		8.33	8.42	8.25		
20+15	1	74	1	0		8.21	8.15	8.13		
15+20	75	0	100	0	QPSK	19.69	20.05	20.12	21.12	0.1294
15+20	1	0	1	99		7.85	7.90	8.01		
15+20	1	74	1	0		7.79	7.85	7.97		
15+20	75	0	100	0	16-QAM	18.72	19.07	19.16	20.16	0.1038
15+20	1	0	1	99		8.38	8.30	8.11		
15+20	1	74	1	0		8.42	8.20	8.21		
15+20	75	0	100	0	64-QAM	18.79	19.07	19.14	20.14	0.1033
15+20	1	0	1	99		8.33	8.20	8.35		
15+20	1	74	1	0		8.22	8.13	8.01		
15+20	75	0	100	0	256-QAM	16.99	17.05	16.94	18.05	0.0638
15+20	1	0	1	99		8.03	8.13	7.91		
15+20	1	74	1	0		8.08	8.01	7.97		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.12	20.03	19.61	21.12	0.1294
20+10	1	0	1	49		8.35	8.25	8.20		
20+10	1	99	1	0		8.09	8.02	7.96		
20+10	100	0	50	0	16-QAM	19.14	19.03	18.62	20.14	0.1033
20+10	1	0	1	49		8.74	8.68	8.07		
20+10	1	99	1	0		8.56	8.52	7.95		
20+10	100	0	50	0	64-QAM	19.15	19.05	18.65	20.15	0.1035
20+10	1	0	1	49		8.71	8.64	7.87		
20+10	1	99	1	0		8.61	8.49	7.70		
20+10	100	0	50	0	256-QAM	16.94	17.03	16.89	18.03	0.0635
20+10	1	0	1	49		8.40	8.39	8.35		
20+10	1	99	1	0		8.18	8.21	8.19		
10+20	50	0	100	0	QPSK	20.14	20.08	20.10	21.14	0.1300
10+20	1	0	1	99		8.31	8.32	8.21		
10+20	1	49	1	0		8.20	8.16	8.09		
10+20	50	0	100	0	16-QAM	19.18	19.08	19.09	20.18	0.1042
10+20	1	0	1	99		8.76	8.83	8.68		
10+20	1	49	1	0		8.68	8.71	8.53		
10+20	50	0	100	0	64-QAM	19.21	19.10	19.15	20.21	0.1050
10+20	1	0	1	99		8.74	8.80	8.61		
10+20	1	49	1	0		8.62	8.68	8.53		
10+20	50	0	100	0	256-QAM	16.98	17.07	16.94	18.07	0.0641
10+20	1	0	1	99		8.32	8.39	8.15		
10+20	1	49	1	0		8.38	8.32	8.15		
20+5	100	0	25	0	QPSK	20.02	19.99	19.94	21.02	0.1265
20+5	1	0	1	24		8.26	8.22	8.12		
20+5	1	99	1	0		8.10	8.10	8.01		
20+5	100	0	25	0	16-QAM	19.04	19.03	18.95	20.04	0.1009
20+5	1	0	1	24		8.62	8.56	8.57		
20+5	1	99	1	0		8.55	8.43	8.40		
20+5	100	0	25	0	64-QAM	19.04	19.03	18.97	20.04	0.1009
20+5	1	0	1	24		8.64	8.61	8.52		
20+5	1	99	1	0		8.49	8.40	8.46		
20+5	100	0	25	0	256-QAM	16.98	17.00	16.89	18.00	0.0631
20+5	1	0	1	24		8.40	8.33	8.34		
20+5	1	99	1	0		8.10	8.41	8.02		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.04	20.02	19.98	21.04	0.1271
5+20	1	0	1	99		8.26	8.23	8.10		
5+20	1	24	1	0		8.20	8.19	8.10		
5+20	25	0	100	0	16-QAM	19.09	19.07	19.02	20.09	0.1021
5+20	1	0	1	99		8.64	8.59	8.54		
5+20	1	24	1	0		8.56	8.59	8.50		
5+20	25	0	100	0	64-QAM	19.09	19.08	19.04	20.09	0.1021
5+20	1	0	1	99		8.72	8.70	8.48		
5+20	1	24	1	0		8.48	8.59	8.44		
5+20	25	0	100	0	256-QAM	17.12	17.06	17.12	18.12	0.0649
5+20	1	0	1	99		8.53	8.48	8.28		
5+20	1	24	1	0		8.41	8.49	8.21		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	18.11	18.12	18.11	19.12	0.0817
20+20	1	0	1	99		8.10	8.10	8.15		
20+20	1	99	1	0		8.09	8.11	8.08		
20+20	100	0	100	0	16-QAM	18.13	18.10	18.14	19.14	0.0820
20+20	1	0	1	99		8.73	8.71	8.78		
20+20	1	99	1	0		8.69	8.66	8.66		
20+20	100	0	100	0	64-QAM	18.12	18.12	18.15	19.15	0.0822
20+20	1	0	1	99		8.54	8.55	8.57		
20+20	1	99	1	0		8.54	8.47	8.52		
20+20	100	0	100	0	256-QAM	18.15	18.13	18.12	19.15	0.0822
20+20	1	0	1	99		8.38	8.39	8.41		
20+20	1	99	1	0		8.36	8.31	8.30		
20+15	100	0	75	0	QPSK	20.06	20.11	20.11	21.11	0.1291
20+15	1	0	1	74		8.10	8.13	8.19		
20+15	1	74	1	0		7.99	8.02	7.99		
20+15	100	0	75	0	16-QAM	19.09	19.12	19.11	20.12	0.1028
20+15	1	0	1	74		8.70	8.70	8.82		
20+15	1	74	1	0		8.59	8.61	8.61		
20+15	100	0	75	0	64-QAM	19.06	19.08	19.10	20.10	0.1023
20+15	1	0	1	74		8.58	8.59	8.64		
20+15	1	74	1	0		8.50	8.44	8.40		
20+15	100	0	75	0	256-QAM	17.06	17.10	17.11	18.11	0.0647
20+15	1	0	1	74		8.41	8.43	8.48		
20+15	1	74	1	0		8.22	8.31	8.21		
15+20	75	0	100	0	QPSK	20.06	20.10	20.13	21.13	0.1297
15+20	1	0	1	99		8.07	8.11	8.16		
15+20	1	74	1	0		8.09	8.12	8.13		
15+20	75	0	100	0	16-QAM	19.09	19.12	19.14	20.14	0.1033
15+20	1	0	1	99		8.70	8.75	8.78		
15+20	1	74	1	0		8.71	8.73	8.69		
15+20	75	0	100	0	64-QAM	19.05	19.09	19.13	20.13	0.1030
15+20	1	0	1	99		8.54	8.55	8.63		
15+20	1	74	1	0		8.54	8.57	8.59		
15+20	75	0	100	0	256-QAM	17.05	17.11	17.12	18.12	0.0649
15+20	1	0	1	99		8.35	8.41	8.39		
15+20	1	74	1	0		8.35	8.34	8.34		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.07	20.11	20.07	21.11	0.1291
20+10	1	0	1	49		8.14	8.17	8.20		
20+10	1	99	1	0		8.02	8.02	7.92		
20+10	100	0	50	0	16-QAM	19.07	19.12	19.09	20.12	0.1028
20+10	1	0	1	49		8.74	8.75	8.82		
20+10	1	99	1	0		8.60	8.64	8.54		
20+10	100	0	50	0	64-QAM	19.04	19.11	19.06	20.11	0.1026
20+10	1	0	1	49		8.59	8.64	8.63		
20+10	1	99	1	0		8.42	8.46	8.40		
20+10	100	0	50	0	256-QAM	17.06	17.13	17.07	18.13	0.0650
20+10	1	0	1	49		8.41	8.43	8.47		
20+10	1	99	1	0		8.27	8.29	8.18		
10+20	50	0	100	0	QPSK	20.05	20.12	20.13	21.13	0.1297
10+20	1	0	1	99		8.16	8.21	8.24		
10+20	1	49	1	0		8.10	8.16	8.14		
10+20	50	0	100	0	16-QAM	19.10	19.15	19.16	20.16	0.1038
10+20	1	0	1	99		8.78	8.79	8.83		
10+20	1	49	1	0		8.72	8.76	8.76		
10+20	50	0	100	0	64-QAM	19.06	19.11	19.14	20.14	0.1033
10+20	1	0	1	99		8.57	8.58	8.66		
10+20	1	49	1	0		8.49	8.55	8.58		
10+20	50	0	100	0	256-QAM	17.06	17.10	17.11	18.11	0.0647
10+20	1	0	1	99		8.41	8.36	8.48		
10+20	1	49	1	0		8.32	8.39	8.41		
20+5	100	0	25	0	QPSK	20.05	20.11	20.03	21.11	0.1291
20+5	1	0	1	24		8.13	8.19	8.18		
20+5	1	99	1	0		8.08	8.06	7.94		
20+5	100	0	25	0	16-QAM	19.09	19.15	19.04	20.15	0.1035
20+5	1	0	1	24		8.74	8.78	8.74		
20+5	1	99	1	0		8.72	8.65	8.53		
20+5	100	0	25	0	64-QAM	19.06	19.10	19.01	20.10	0.1023
20+5	1	0	1	24		8.57	8.58	8.62		
20+5	1	99	1	0		8.51	8.45	8.44		
20+5	100	0	25	0	256-QAM	17.03	17.10	17.01	18.10	0.0646
20+5	1	0	1	24		8.40	8.41	8.41		
20+5	1	99	1	0		8.31	8.28	8.19		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 42C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.05	20.11	20.11	21.11	0.1291
5+20	1	0	1	99		8.14	8.17	8.19		
5+20	1	24	1	0		8.11	8.17	8.16		
5+20	25	0	100	0	16-QAM	19.09	19.18	19.16	20.18	0.1042
5+20	1	0	1	99		8.70	8.79	8.80		
5+20	1	24	1	0		8.64	8.73	8.73		
5+20	25	0	100	0	64-QAM	19.04	19.13	19.12	20.13	0.1030
5+20	1	0	1	99		8.52	8.61	8.64		
5+20	1	24	1	0		8.48	8.56	8.58		
5+20	25	0	100	0	256-QAM	17.00	17.10	17.11	18.11	0.0647
5+20	1	0	1	99		8.32	8.41	8.35		
5+20	1	24	1	0		8.32	8.41	8.37		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	17.86	17.77	17.77	18.86	0.0769
20+20	1	0	1	99		8.05	7.98	7.97		
20+20	1	99	1	0		7.89	7.85	7.86		
20+20	100	0	100	0	16-QAM	17.86	17.74	17.75	18.86	0.0769
20+20	1	0	1	99		8.51	8.64	8.53		
20+20	1	99	1	0		8.36	8.27	8.38		
20+20	100	0	100	0	64-QAM	17.81	17.37	17.82	18.82	0.0762
20+20	1	0	1	99		8.56	8.36	8.54		
20+20	1	99	1	0		8.48	8.34	8.44		
20+20	100	0	100	0	256-QAM	17.79	17.76	17.72	18.79	0.0757
20+20	1	0	1	99		8.34	8.26	8.29		
20+20	1	99	1	0		8.17	8.03	8.16		
20+15	100	0	75	0	QPSK	19.88	19.74	19.83	20.88	0.1225
20+15	1	0	1	74		8.00	7.91	7.92		
20+15	1	74	1	0		7.84	7.75	7.79		
20+15	100	0	75	0	16-QAM	18.85	18.83	18.87	19.87	0.0971
20+15	1	0	1	74		8.45	8.43	8.45		
20+15	1	74	1	0		8.40	8.19	8.27		
20+15	100	0	75	0	64-QAM	18.91	18.88	18.84	19.91	0.0979
20+15	1	0	1	74		8.58	8.52	8.47		
20+15	1	74	1	0		8.39	8.17	8.45		
20+15	100	0	75	0	256-QAM	16.84	16.92	16.81	17.92	0.0619
20+15	1	0	1	74		8.20	8.26	8.19		
20+15	1	74	1	0		8.35	7.76	7.95		
15+20	75	0	100	0	QPSK	19.87	19.84	19.77	20.87	0.1222
15+20	1	0	1	99		7.94	7.88	7.90		
15+20	1	74	1	0		7.89	7.79	7.84		
15+20	75	0	100	0	16-QAM	18.79	18.82	18.83	19.83	0.0962
15+20	1	0	1	99		8.48	8.40	8.19		
15+20	1	74	1	0		8.44	8.21	8.25		
15+20	75	0	100	0	64-QAM	18.85	18.85	18.89	19.89	0.0975
15+20	1	0	1	99		8.32	8.78	8.16		
15+20	1	74	1	0		8.35	8.17	8.33		
15+20	75	0	100	0	256-QAM	16.84	16.81	16.84	17.84	0.0608
15+20	1	0	1	99		8.29	8.35	8.45		
15+20	1	74	1	0		8.05	8.05	7.97		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	19.81	19.72	19.77	20.81	0.1205
20+10	1	0	1	49		7.97	7.91	7.96		
20+10	1	99	1	0		7.74	7.74	7.73		
20+10	100	0	50	0	16-QAM	18.85	18.83	18.81	19.85	0.0966
20+10	1	0	1	49		8.50	8.39	8.32		
20+10	1	99	1	0		8.23	8.34	8.18		
20+10	100	0	50	0	64-QAM	18.89	18.71	18.79	19.89	0.0975
20+10	1	0	1	49		8.28	8.51	8.45		
20+10	1	99	1	0		8.30	8.21	8.14		
20+10	100	0	50	0	256-QAM	16.81	16.78	16.80	17.81	0.0604
20+10	1	0	1	49		8.25	8.20	8.38		
20+10	1	99	1	0		8.05	8.07	8.24		
10+20	50	0	100	0	QPSK	19.70	19.63	19.78	20.78	0.1197
10+20	1	0	1	99		7.93	7.83	7.87		
10+20	1	49	1	0		7.82	7.71	7.80		
10+20	50	0	100	0	16-QAM	18.61	18.68	18.79	19.79	0.0953
10+20	1	0	1	99		8.48	8.40	8.30		
10+20	1	49	1	0		8.35	8.26	8.25		
10+20	50	0	100	0	64-QAM	18.71	18.74	18.83	19.83	0.0962
10+20	1	0	1	99		8.35	8.39	8.46		
10+20	1	49	1	0		8.23	8.34	8.50		
10+20	50	0	100	0	256-QAM	16.76	16.67	16.80	17.80	0.0603
10+20	1	0	1	99		8.23	8.19	8.19		
10+20	1	49	1	0		8.31	8.03	8.14		
20+5	100	0	25	0	QPSK	19.69	19.62	19.64	20.69	0.1172
20+5	1	0	1	24		7.83	7.77	7.78		
20+5	1	99	1	0		7.70	7.68	7.63		
20+5	100	0	25	0	16-QAM	18.67	18.67	18.66	19.67	0.0927
20+5	1	0	1	24		8.43	8.25	8.29		
20+5	1	99	1	0		7.95	8.23	8.00		
20+5	100	0	25	0	64-QAM	18.78	18.67	18.65	19.78	0.0951
20+5	1	0	1	24		7.96	8.28	8.18		
20+5	1	99	1	0		8.12	8.37	8.20		
20+5	100	0	25	0	256-QAM	16.73	16.63	16.61	17.73	0.0593
20+5	1	0	1	24		8.10	8.00	7.92		
20+5	1	99	1	0		7.82	8.20	7.78		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	19.73	19.64	19.67	20.73	0.1183
5+20	1	0	1	99		7.88	7.74	7.74		
5+20	1	24	1	0		7.75	7.67	7.72		
5+20	25	0	100	0	16-QAM	18.79	18.65	18.74	19.79	0.0953
5+20	1	0	1	99		8.38	8.48	8.43		
5+20	1	24	1	0		8.17	8.15	8.40		
5+20	25	0	100	0	64-QAM	18.79	18.68	18.68	19.79	0.0953
5+20	1	0	1	99		8.33	8.21	8.37		
5+20	1	24	1	0		8.38	8.08	8.25		
5+20	25	0	100	0	256-QAM	16.73	16.63	16.67	17.73	0.0593
5+20	1	0	1	99		8.06	8.09	8.28		
5+20	1	24	1	0		8.10	7.91	7.88		
15+10	75	0	50	0	QPSK	19.87	19.79	19.75	20.87	0.1222
15+10	1	0	1	49		6.96	6.86	6.87		
15+10	1	74	1	0		6.85	6.71	6.75		
15+10	75	0	50	0	16-QAM	18.90	18.77	18.79	19.90	0.0977
15+10	1	0	1	49		7.41	7.46	7.38		
15+10	1	74	1	0		7.34	7.11	7.21		
15+10	75	0	50	0	64-QAM	18.92	18.78	18.75	19.92	0.0982
15+10	1	0	1	49		7.53	7.32	7.40		
15+10	1	74	1	0		7.36	7.19	7.18		
15+10	75	0	50	0	256-QAM	16.86	16.76	16.73	17.86	0.0611
15+10	1	0	1	49		7.23	7.01	6.95		
15+10	1	74	1	0		7.11	6.89	7.00		
10+15	50	0	75	0	QPSK	19.82	19.81	19.82	20.82	0.1208
10+15	1	0	1	74		7.03	6.96	6.93		
10+15	1	49	1	0		6.99	6.88	6.83		
10+15	50	0	75	0	16-QAM	18.89	18.85	18.82	19.89	0.0975
10+15	1	0	1	74		7.48	7.49	7.42		
10+15	1	49	1	0		7.49	7.39	7.42		
10+15	50	0	75	0	64-QAM	18.92	18.81	18.87	19.92	0.0982
10+15	1	0	1	74		7.49	7.44	7.43		
10+15	1	49	1	0		7.55	7.30	7.45		
10+15	50	0	75	0	256-QAM	16.89	16.80	16.78	17.89	0.0615
10+15	1	0	1	74		7.27	7.16	7.19		
10+15	1	49	1	0		7.26	7.05	6.98		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



LTE Band 43C_CA Maximum Average Power [dBm] (GT - LC = 1 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+15	75	0	75	0	QPSK	14.01	13.99	14.00	15.01	0.0317
15+15	1	0	1	74		8.05	7.92	7.95		
15+15	1	74	1	0		7.87	7.84	7.85		
15+15	75	0	75	0	16-QAM	14.03	14.02	13.97	15.03	0.0318
15+15	1	0	1	74		8.46	8.33	8.44		
15+15	1	74	1	0		8.35	8.26	8.25		
15+15	75	0	75	0	64-QAM	14.06	13.95	14.01	15.06	0.0321
15+15	1	0	1	74		8.55	8.24	8.40		
15+15	1	74	1	0		8.30	8.16	8.25		
15+15	75	0	75	0	256-QAM	13.93	13.81	13.89	14.93	0.0311
15+15	1	0	1	74		8.20	8.26	8.22		
15+15	1	74	1	0		8.07	8.05	8.02		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



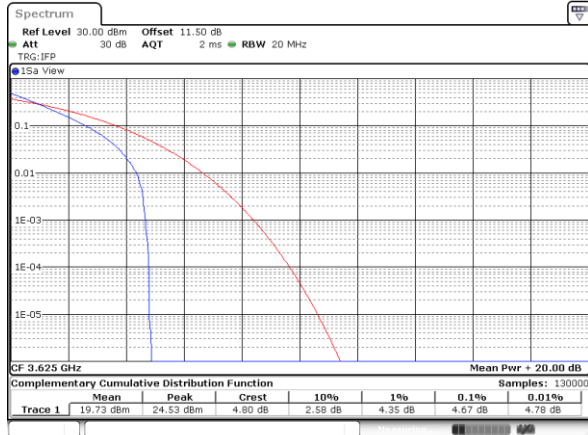
LTE Band 48

Peak-to-Average Ratio

Mode	LTE Band 48 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.67	5.71	6.35	6.55	PASS

LTE Band 48 / 20MHz / QPSK

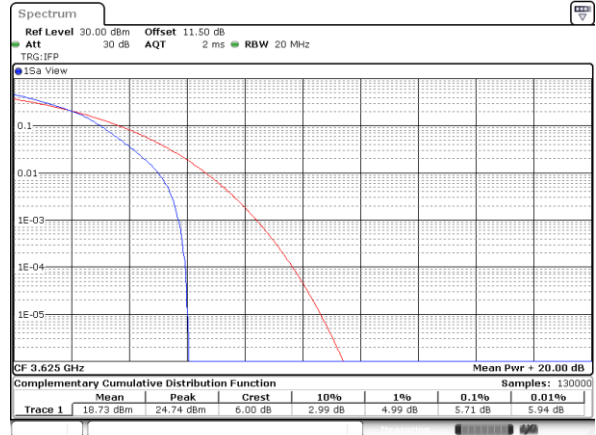
Middle Channel / Full RB



Date: 17.AUG.2022 11:19:10

LTE Band 48 / 20MHz / 16QAM

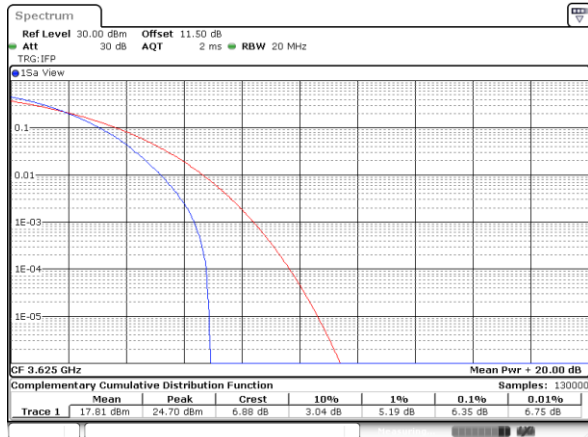
Middle Channel / Full RB



Date: 17.AUG.2022 11:18:39

LTE Band 48 / 20MHz / 64QAM

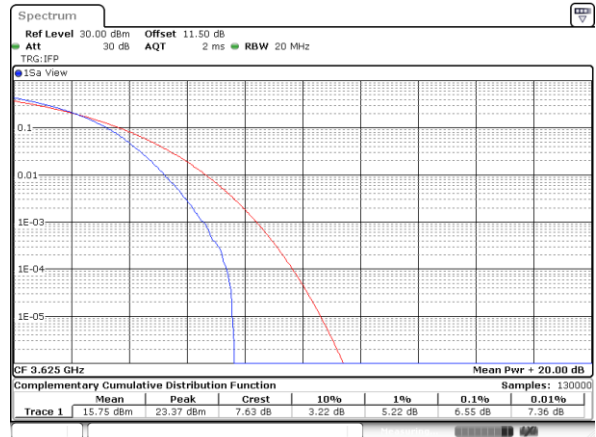
Middle Channel / Full RB



Date: 17.AUG.2022 11:18:09

LTE Band 48 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 17.AUG.2022 12:04:02

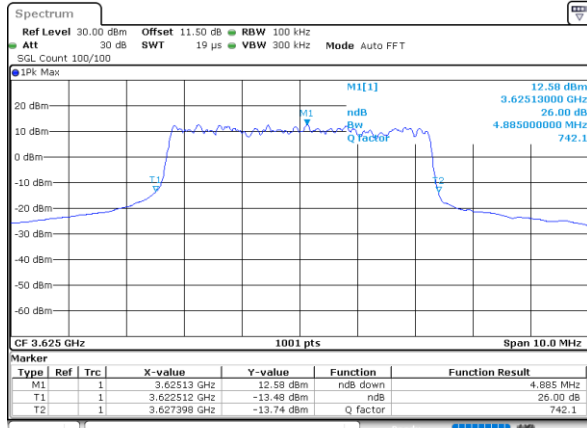
**26dB Bandwidth**

Mode	LTE Band 48 : 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	-	-	-	-	4.89	5.12	9.75	9.83	14.21	14.30	18.70	18.78
Mode	LTE Band 48 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.96	5.01	9.63	9.83	14.45	14.18	18.98	18.90



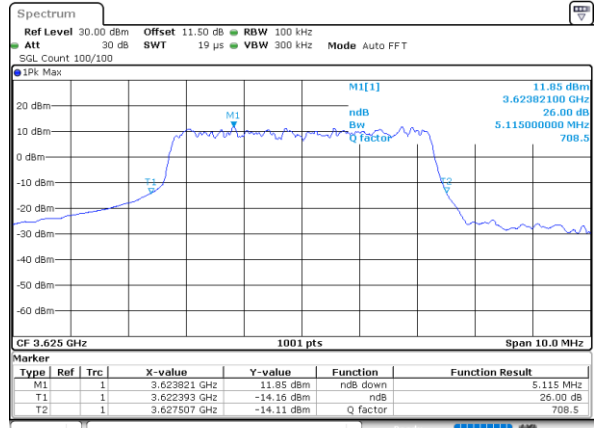
LTE Band 48

Middle Channel / 5MHz / QPSK



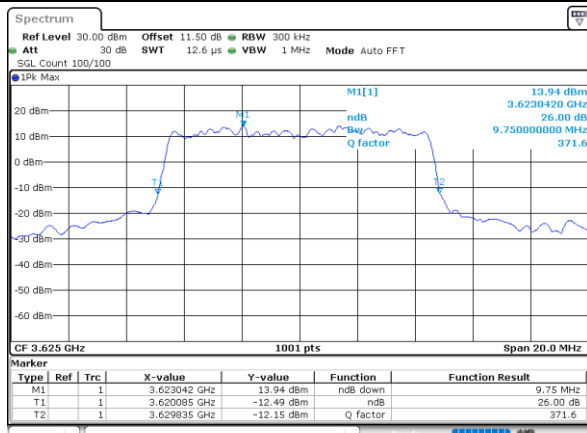
Date: 17.AUG.2022 11:08:32

Middle Channel / 5MHz / 16QAM



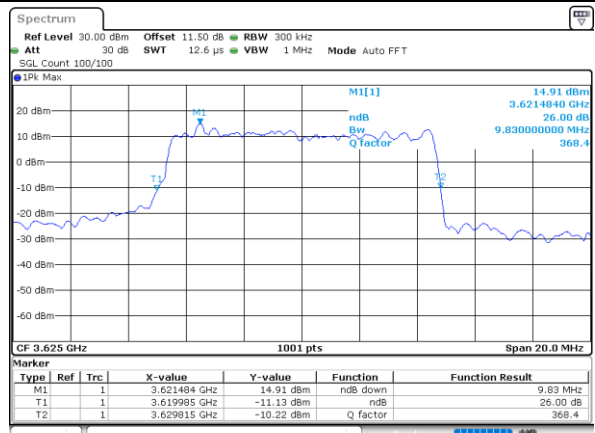
Date: 17.AUG.2022 11:09:01

Middle Channel / 10MHz / QPSK



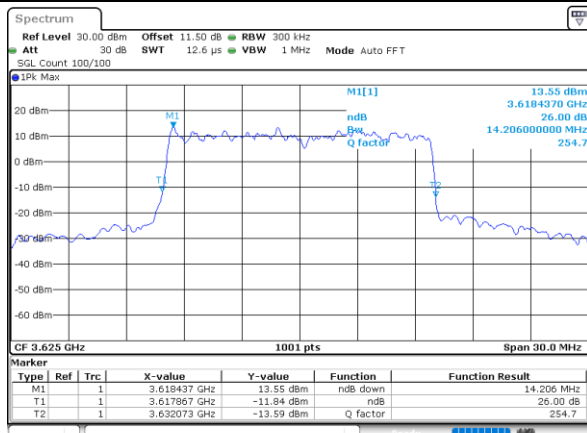
Date: 17.AUG.2022 11:11:16

Middle Channel / 10MHz / 16QAM



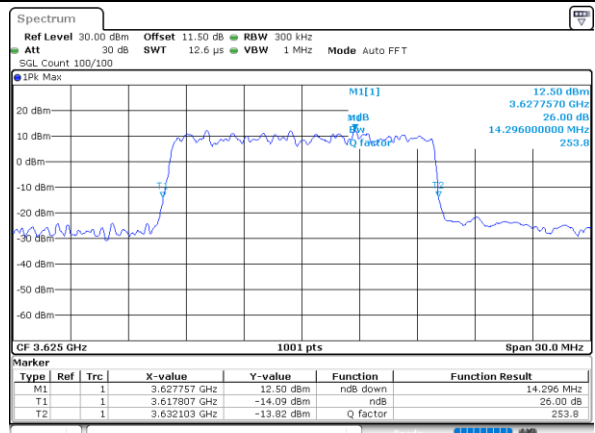
Date: 17.AUG.2022 11:11:44

Middle Channel / 15MHz / QPSK



Date: 17.AUG.2022 11:13:59

Middle Channel / 15MHz / 16QAM

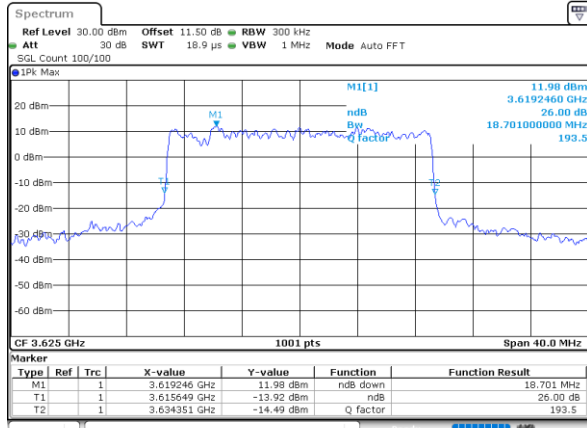


Date: 17.AUG.2022 11:14:28



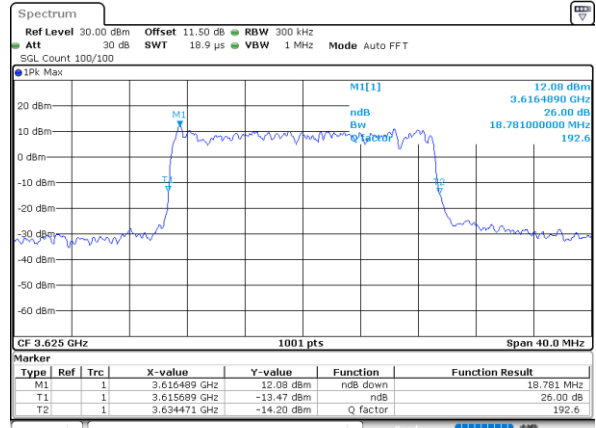
LTE Band 48

Middle Channel / 20MHz / QPSK



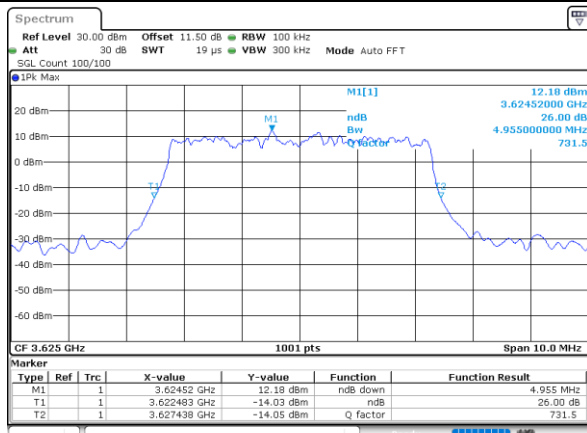
Date: 17.AUG.2022 11:16:43

Middle Channel / 20MHz / 16QAM



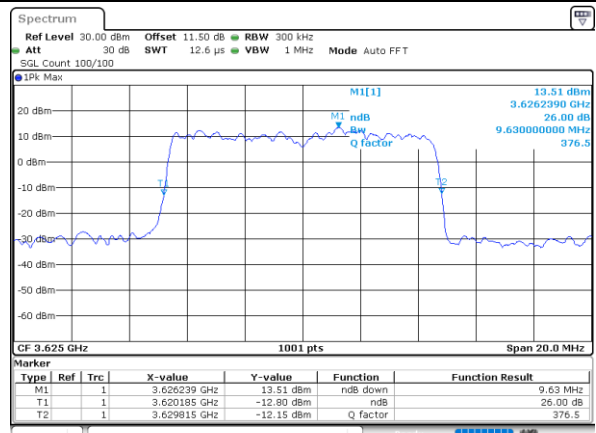
Date: 17.AUG.2022 11:17:11

Middle Channel / 5MHz / 64QAM



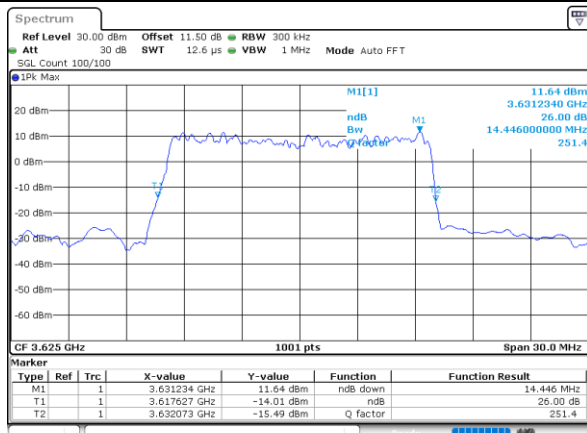
Date: 17.AUG.2022 11:09:44

Middle Channel / 10MHz / 64QAM



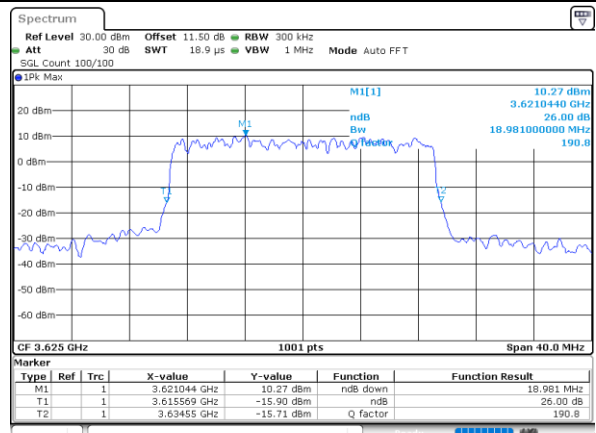
Date: 17.AUG.2022 11:12:27

Middle Channel / 15MHz / 64QAM



Date: 17.AUG.2022 11:15:11

Middle Channel / 20MHz / 64QAM

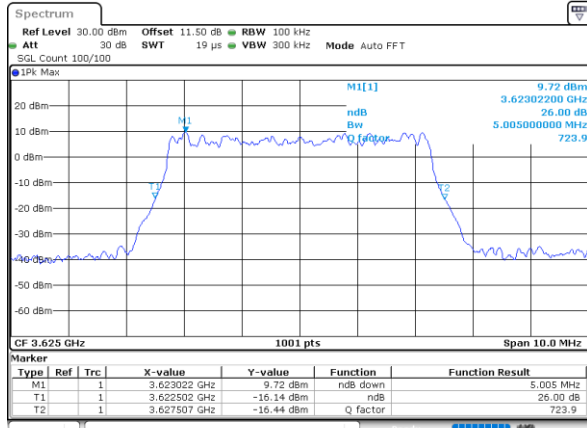


Date: 17.AUG.2022 11:17:54



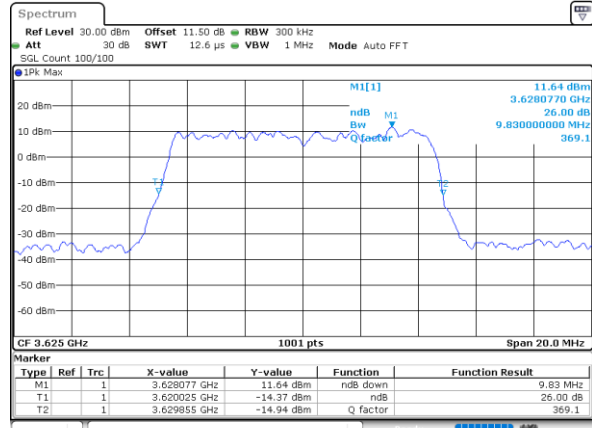
LTE Band 48

Middle Channel / 5MHz / 256QAM



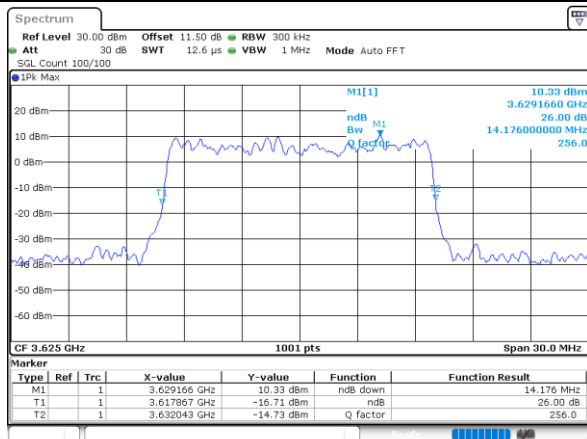
Date: 17.AUG.2022 12:00:36

Middle Channel / 10MHz / 256QAM



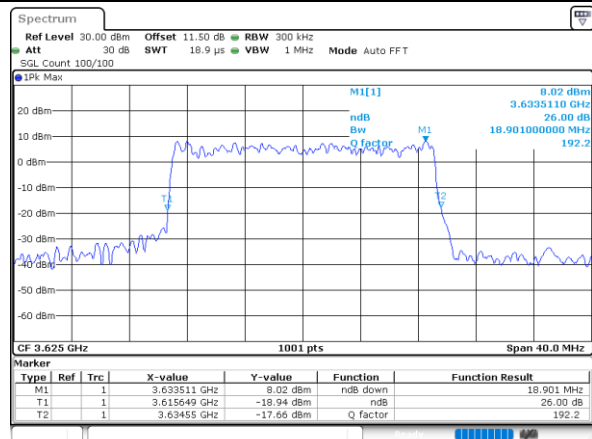
Date: 17.AUG.2022 12:01:24

Middle Channel / 15MHz / 256QAM



Date: 17.AUG.2022 12:02:13

Middle Channel / 20MHz / 256QAM



Date: 17.AUG.2022 12:03:01

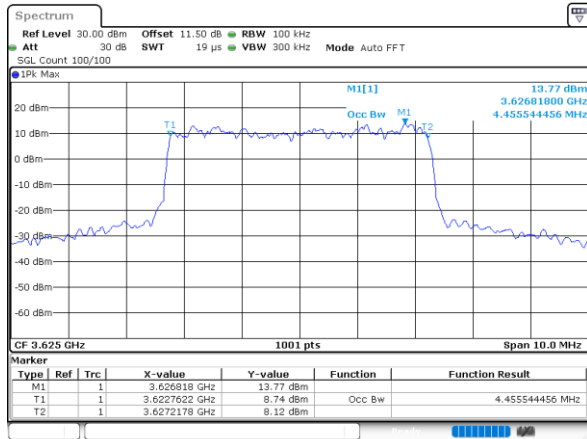
**Occupied Bandwidth**

Mode	LTE Band 48 : 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	-	-	-	-	4.46	4.50	9.05	8.95	13.49	13.46	17.90	17.90
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	4.54	9.05	9.09	13.43	13.43	17.86	17.78

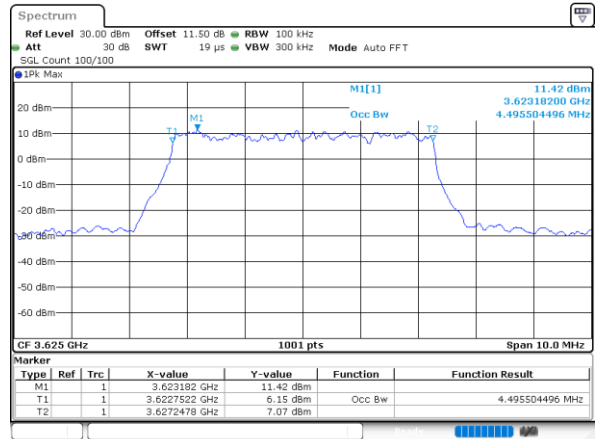


LTE Band 48

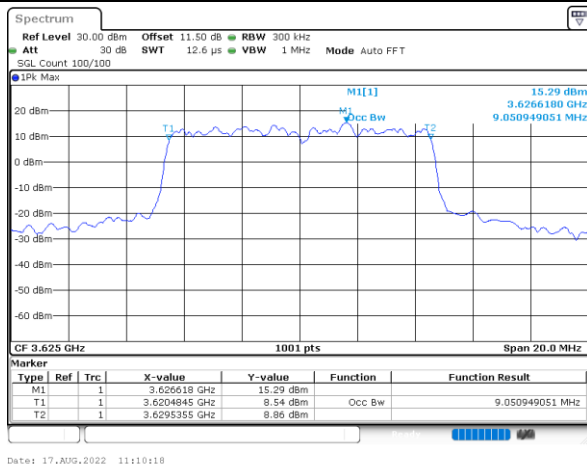
Middle Channel / 5MHz / QPSK



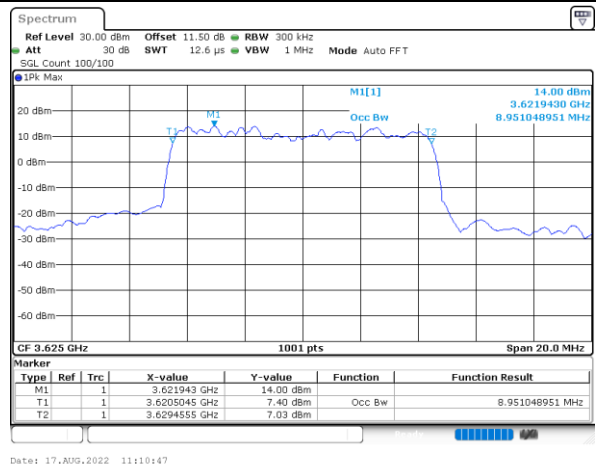
Middle Channel / 5MHz / 16QAM



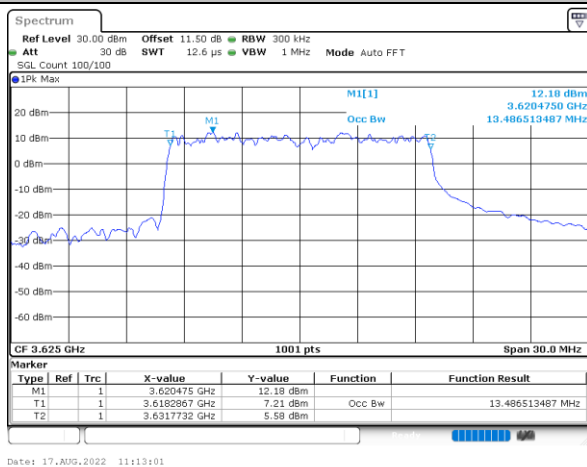
Middle Channel / 10MHz / QPSK



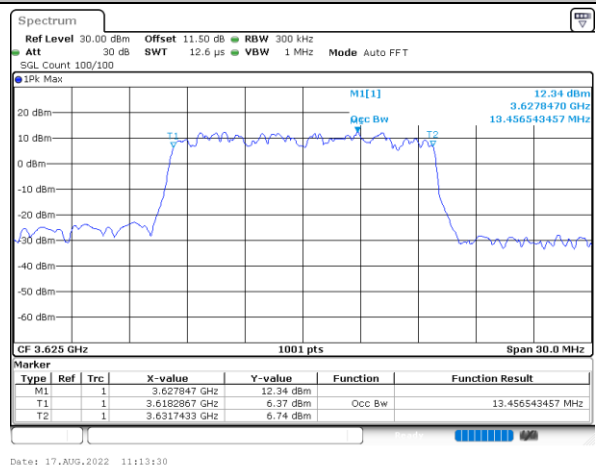
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



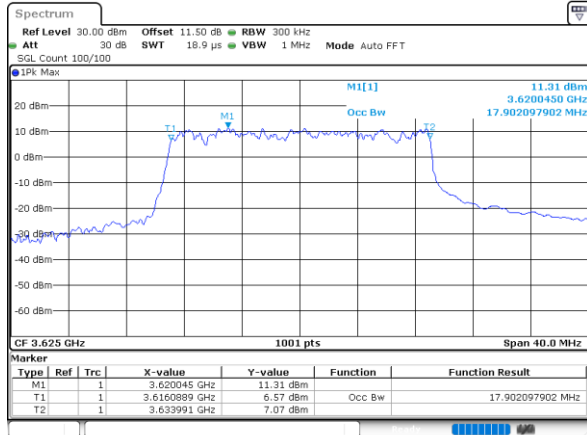
Middle Channel / 15MHz / 16QAM



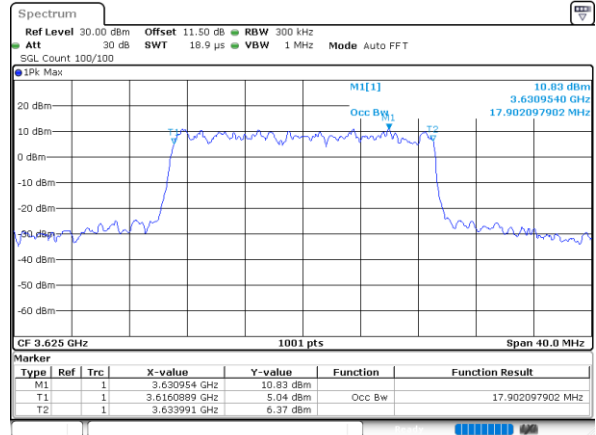


LTE Band 48

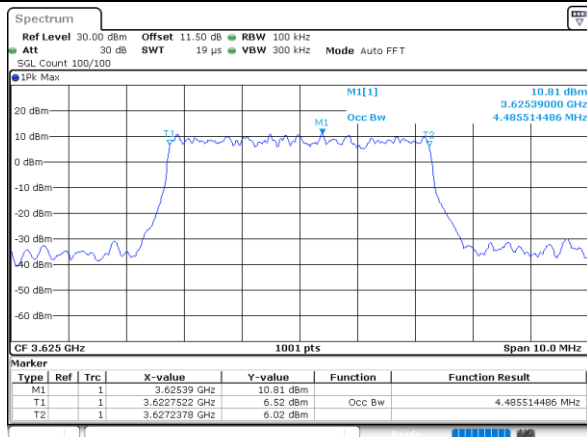
Middle Channel / 20MHz / QPSK



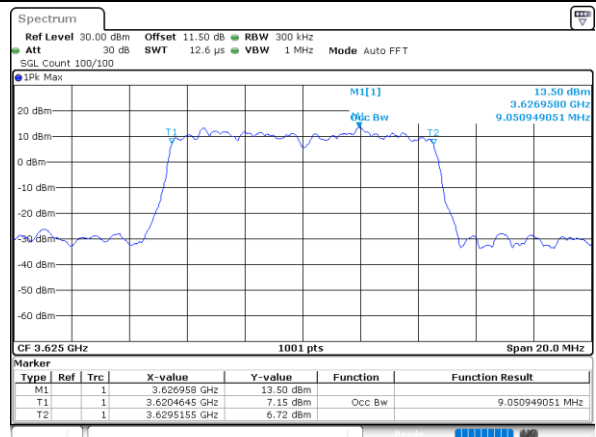
Middle Channel / 20MHz / 16QAM



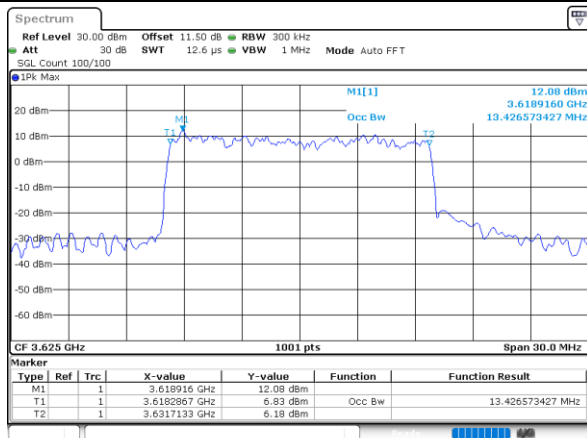
Middle Channel / 5MHz / 64QAM



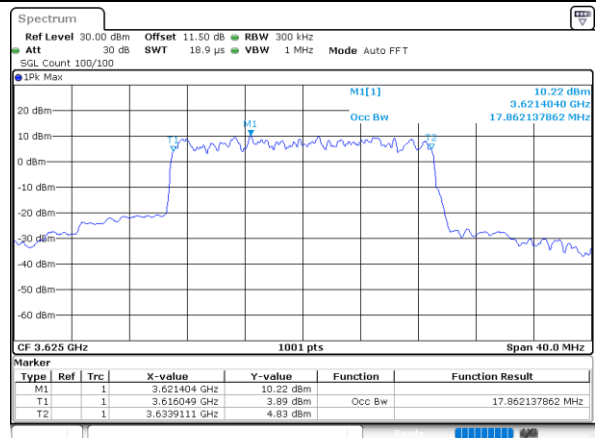
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



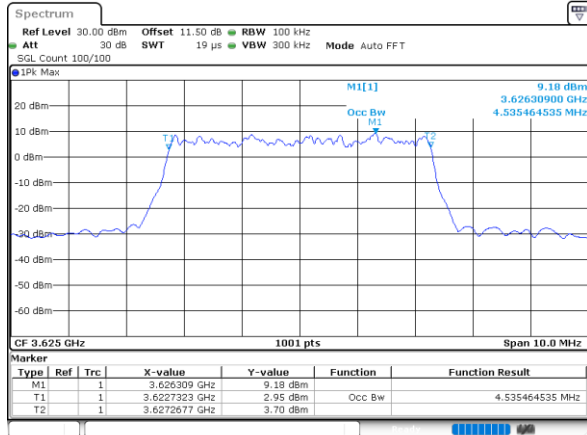
Middle Channel / 20MHz / 64QAM



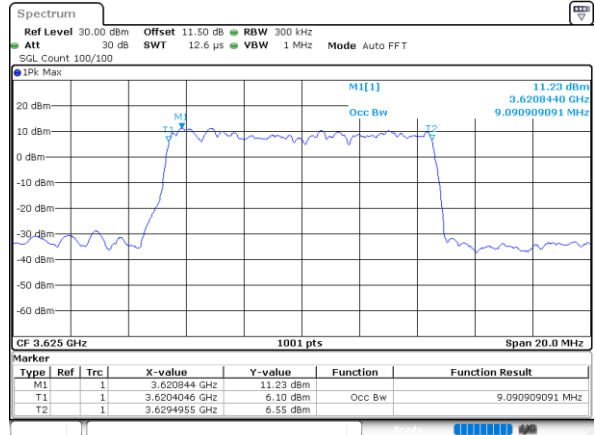


LTE Band 48

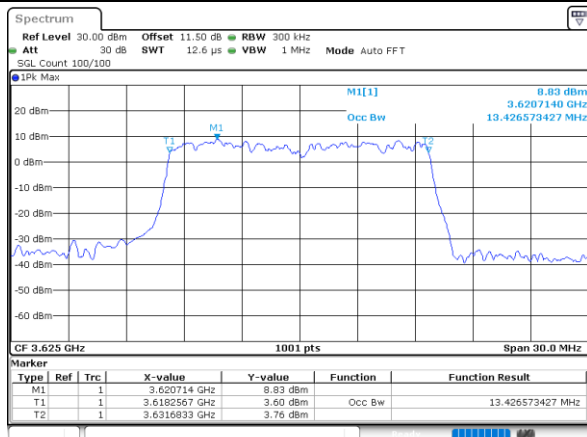
Middle Channel / 5MHz / 256QAM



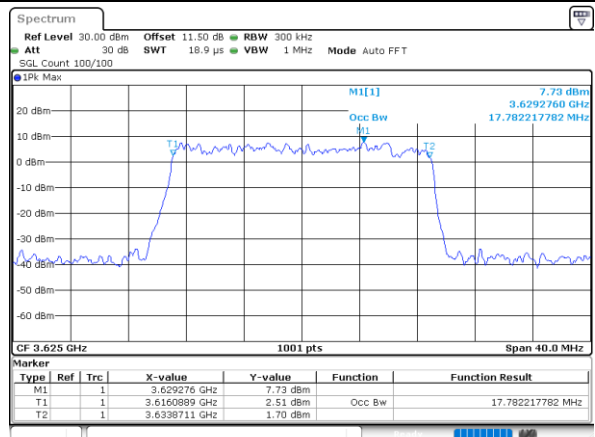
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



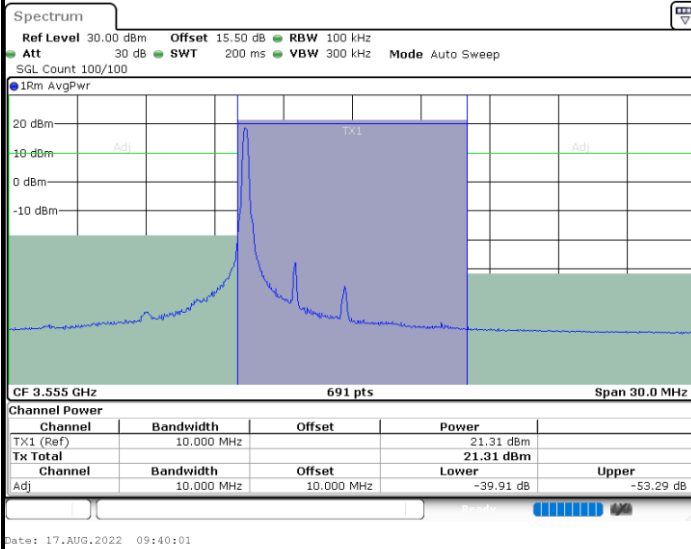


ACLR

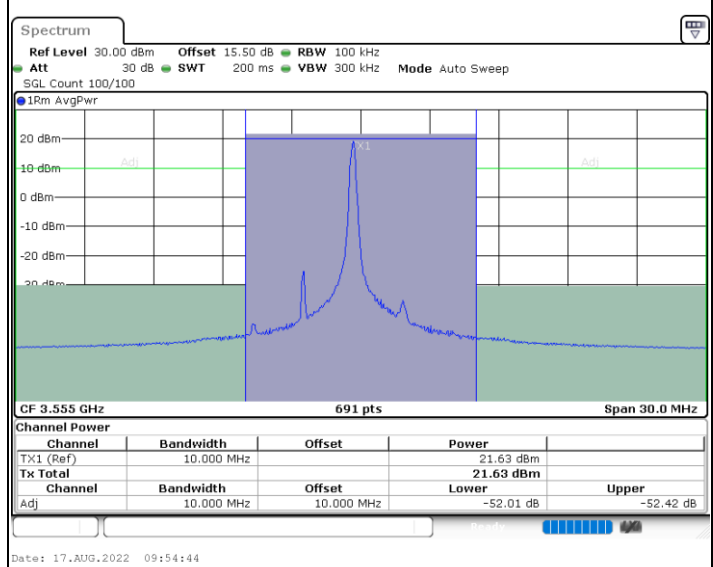
LTE Band 48 / 5MHz

QPSK

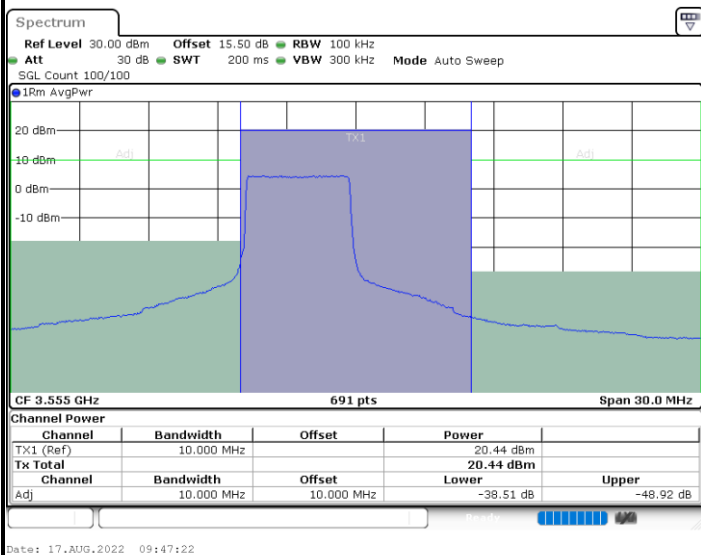
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / FullRB



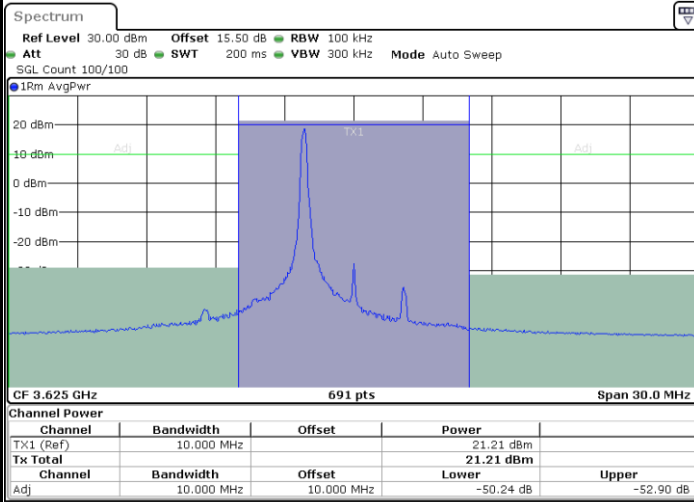
N/A



LTE Band 48 / 5MHz

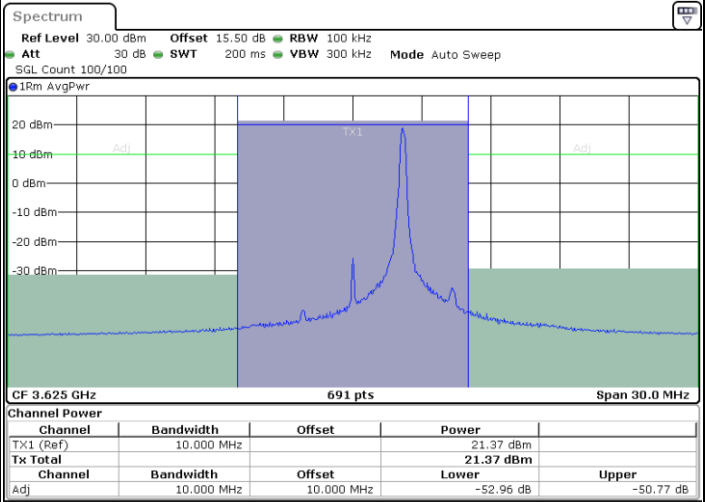
QPSK

Middle Channel / 1RB0



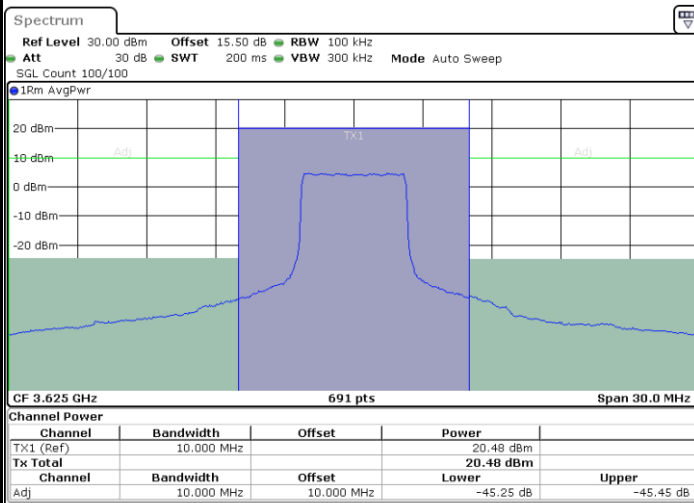
Date: 17.AUG.2022 09:44:04

Middle Channel / 1RBmax



Date: 17.AUG.2022 09:58:47

Middle Channel / FullRB



Date: 17.AUG.2022 09:51:26

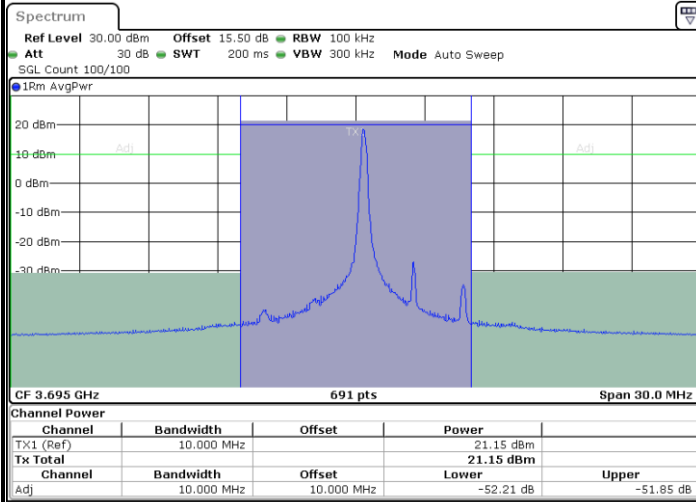
N/A



LTE Band 48 / 5MHz

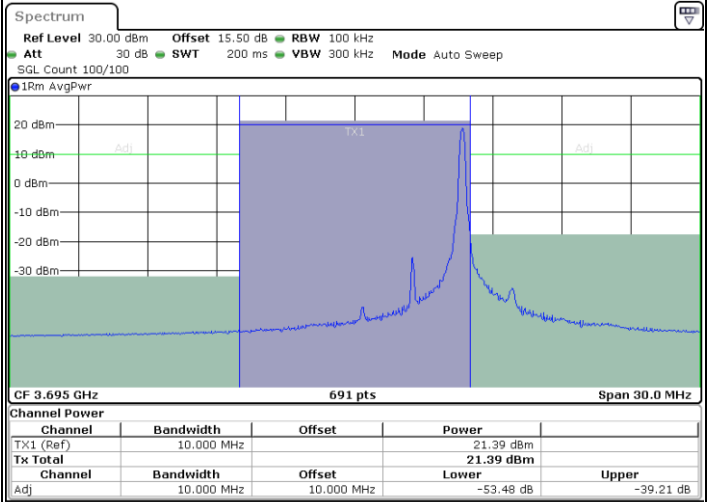
QPSK

Highest Channel / 1RB0



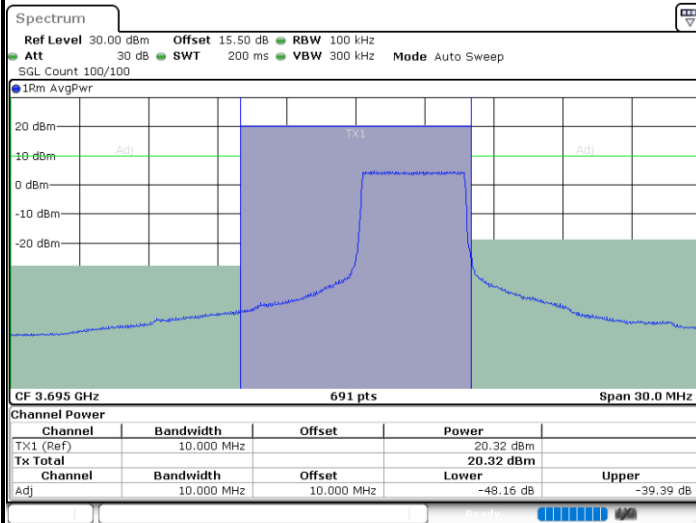
Date: 17.AUG.2022 09:44:53

Highest Channel / 1RBmax



Date: 17.AUG.2022 09:59:36

Highest Channel / FullIRB



Date: 17.AUG.2022 09:52:15

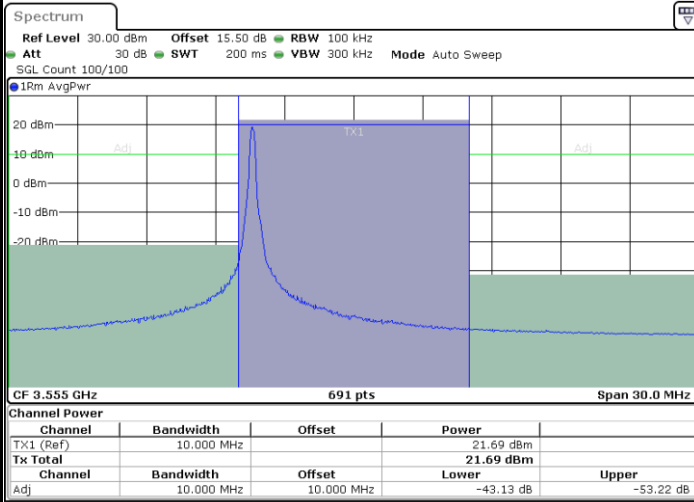
N/A



LTE Band 48 / 10MHz

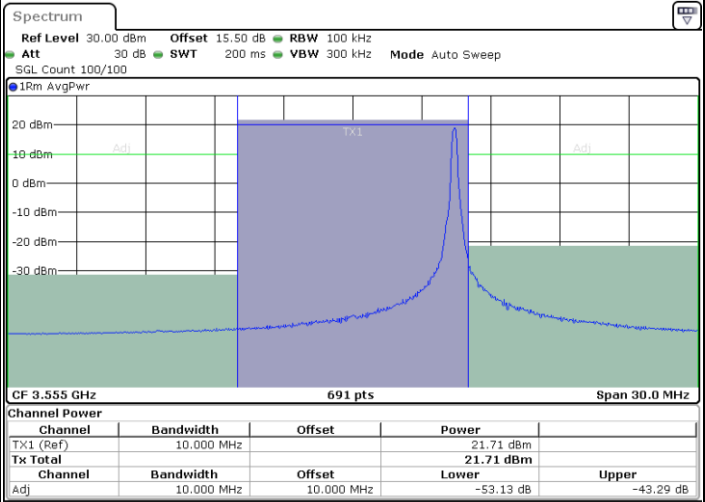
QPSK

Lowest Channel / 1RB0



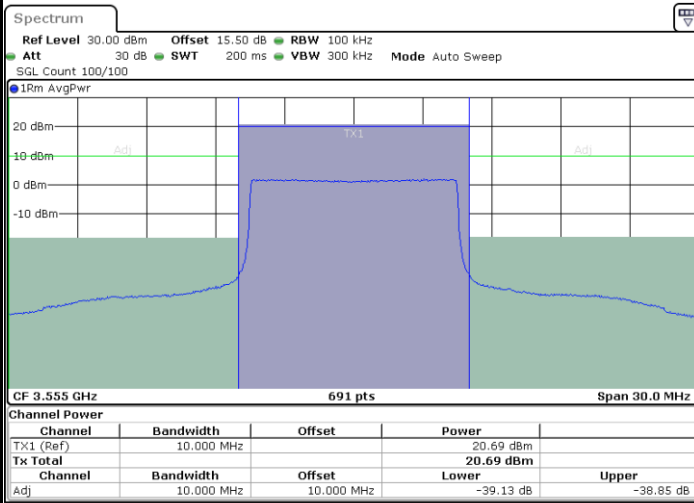
Date: 17.AUG.2022 10:03:49

Lowest Channel / 1RBmax



Date: 17.AUG.2022 10:18:31

Lowest Channel / FullRB



Date: 17.AUG.2022 10:11:10

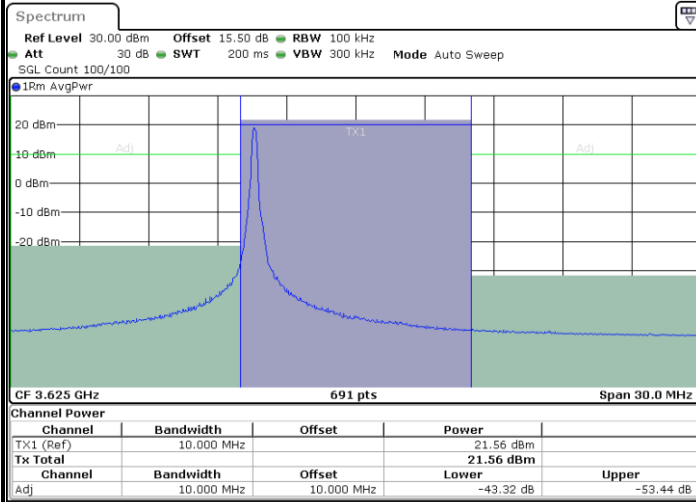
N/A



LTE Band 48 / 10MHz

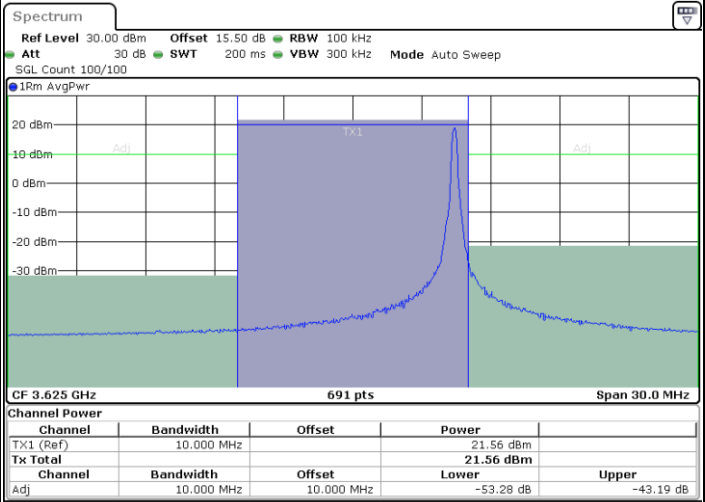
QPSK

MiddleChannel / 1RB0



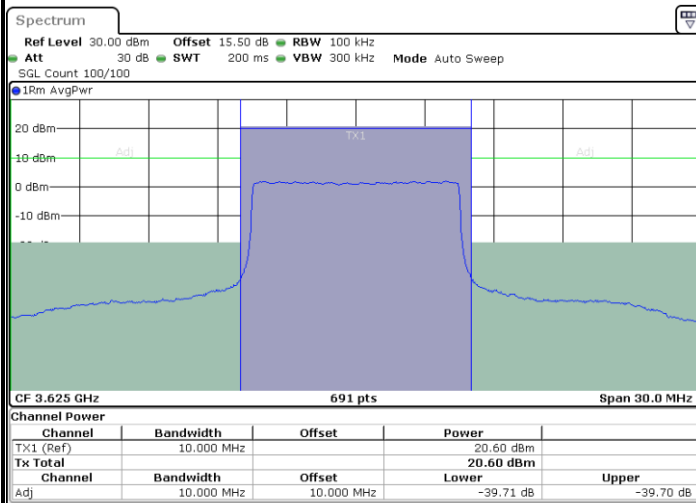
Date: 17.AUG.2022 10:04:37

Middle Channel / 1RBmax



Date: 17.AUG.2022 10:19:20

Middle Channel / FullRB



Date: 17.AUG.2022 10:11:59

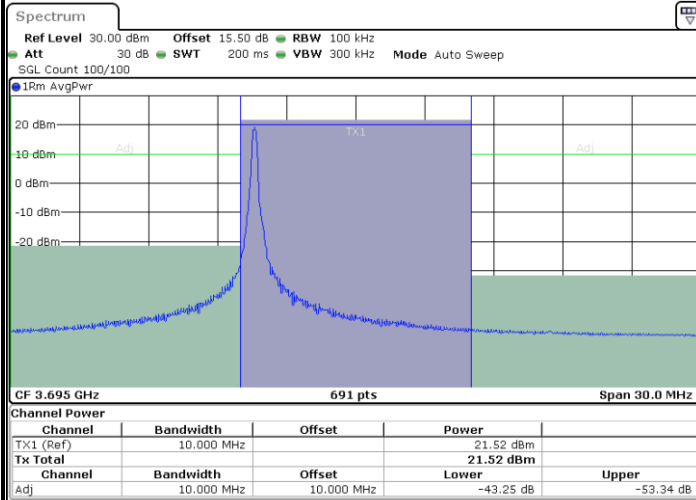
N/A



LTE Band 48 / 10MHz

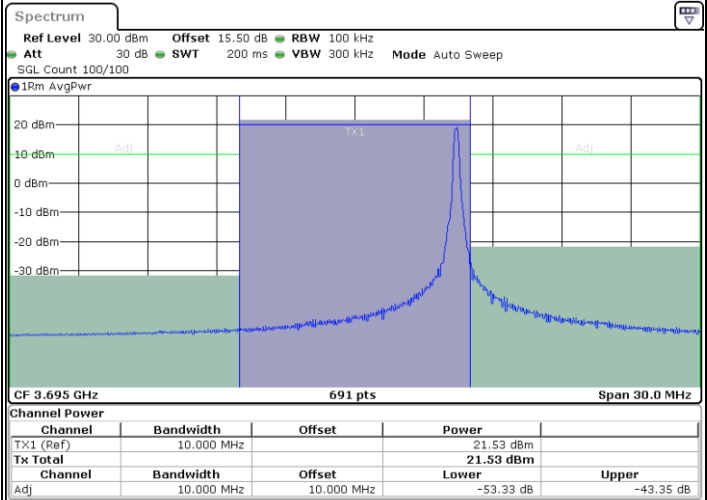
QPSK

Highest Channel / 1RB0



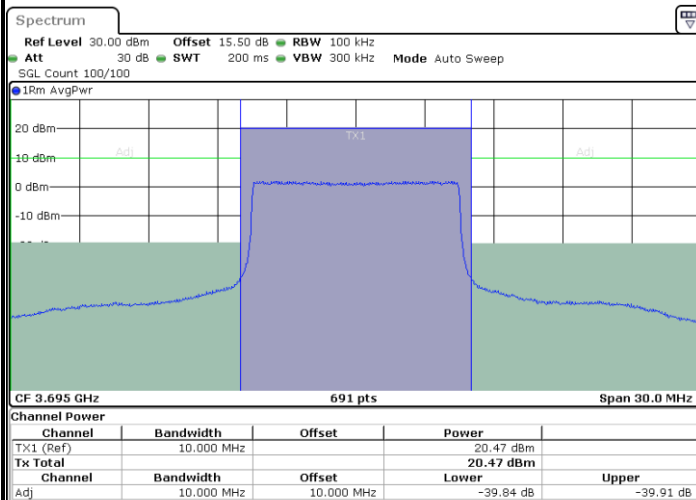
Date: 17.AUG.2022 10:08:43

Highest Channel / 1RBmax



Date: 17.AUG.2022 10:23:27

Highest Channel / FullIRB



Date: 17.AUG.2022 10:16:04

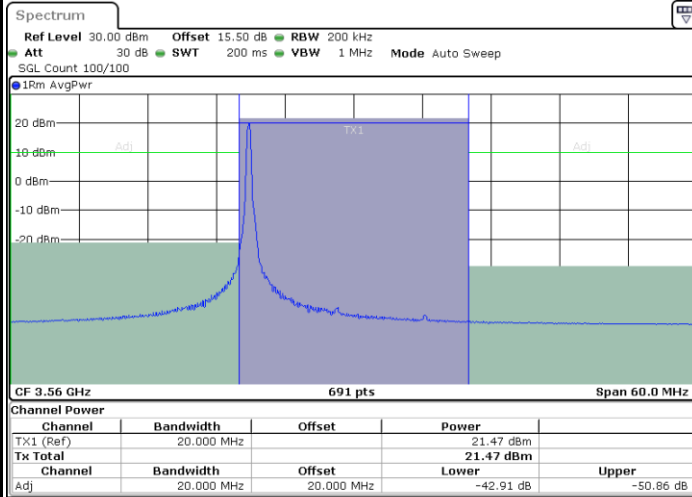
N/A



LTE Band 48 / 15MHz

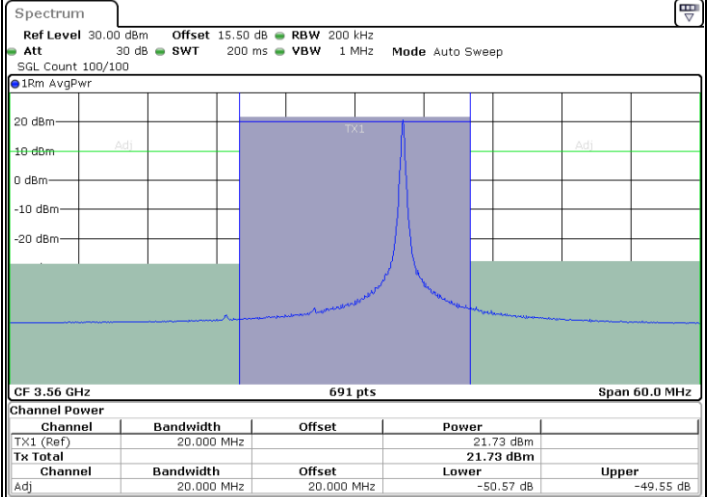
QPSK

Lowest Channel / 1RB0



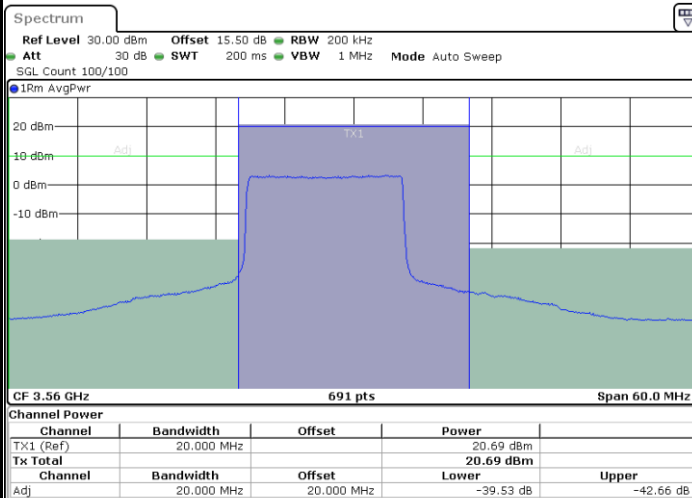
Date: 17.AUG.2022 10:24:20

Lowest Channel / 1RBmax



Date: 17.AUG.2022 10:38:50

Lowest Channel / FullRB



Date: 17.AUG.2022 10:31:38

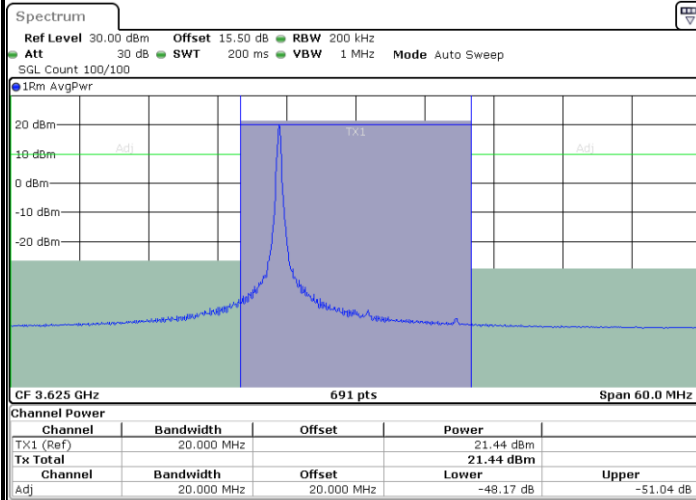
N/A



LTE Band 48 / 15MHz

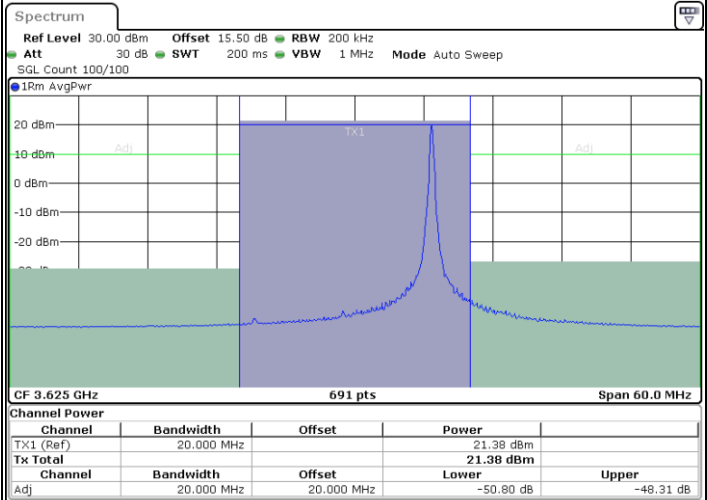
QPSK

Middle Channel / 1RB0



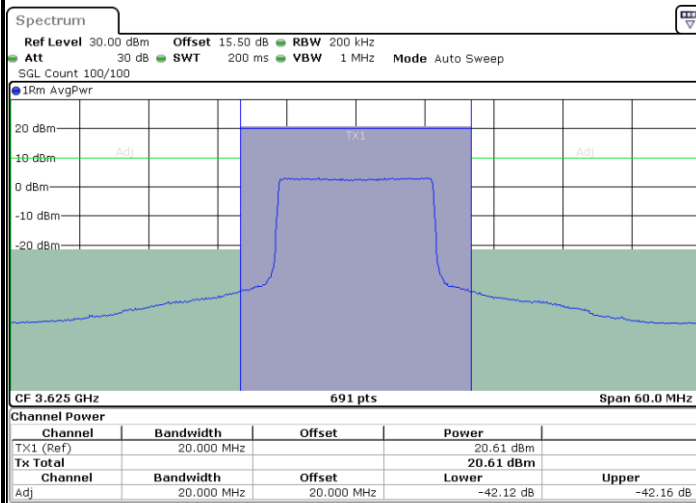
Date: 17.AUG.2022 10:28:23

Middle Channel / 1RBmax



Date: 17.AUG.2022 10:42:50

Middle Channel / FullRB



Date: 17.AUG.2022 10:35:38

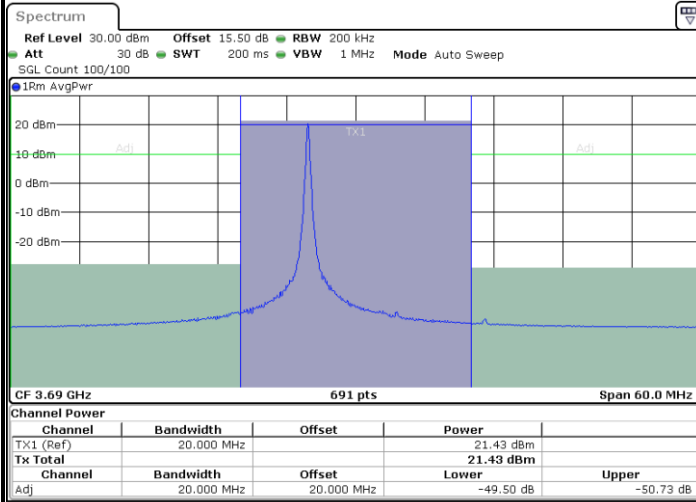
N/A



LTE Band 48 / 15MHz

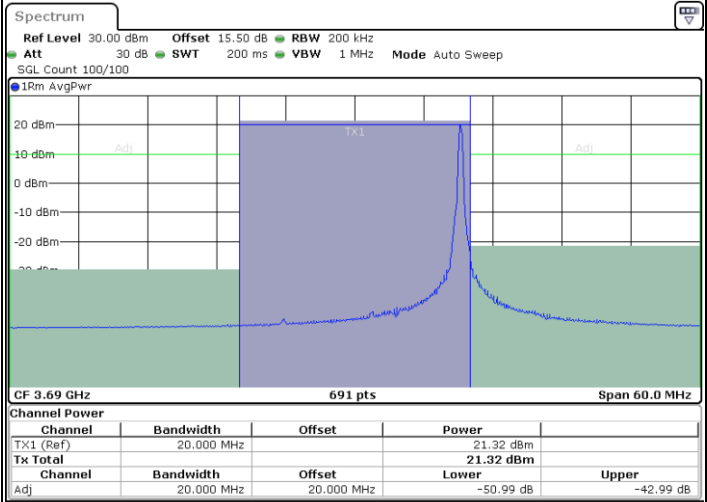
QPSK

Highest Channel / 1RB0



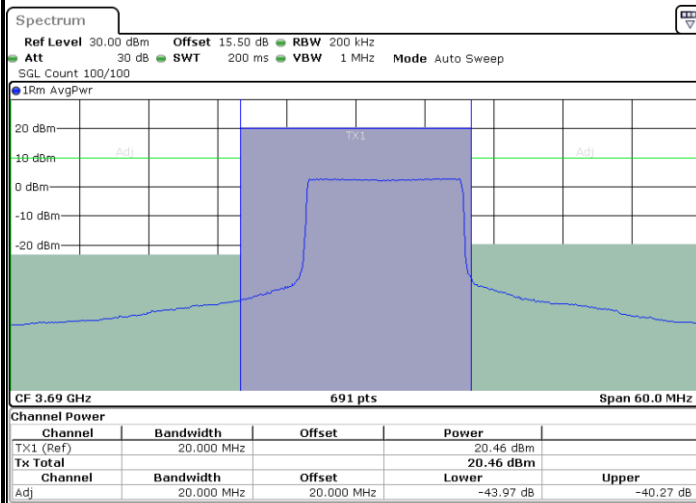
Date: 17.AUG.2022 10:29:12

Highest Channel / 1RBmax



Date: 17.AUG.2022 10:43:38

Highest Channel / FullRB



Date: 17.AUG.2022 10:36:26

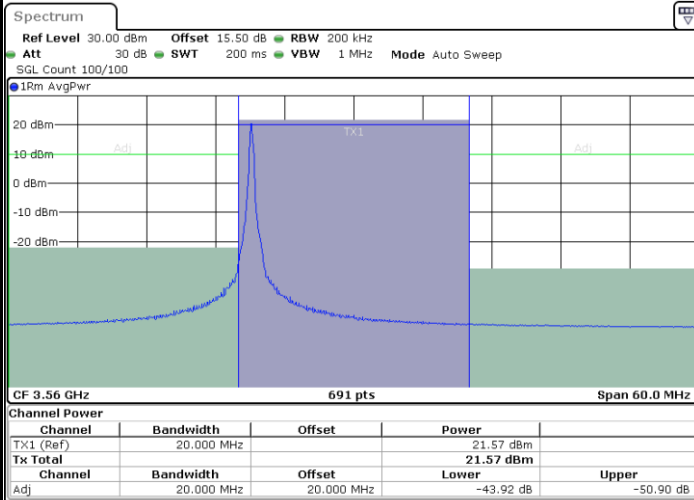
N/A



LTE Band 48 / 20MHz

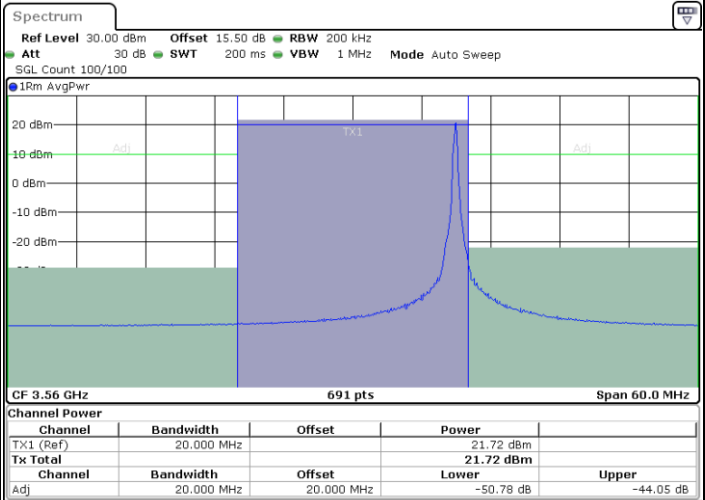
QPSK

Lowest Channel / 1RB0



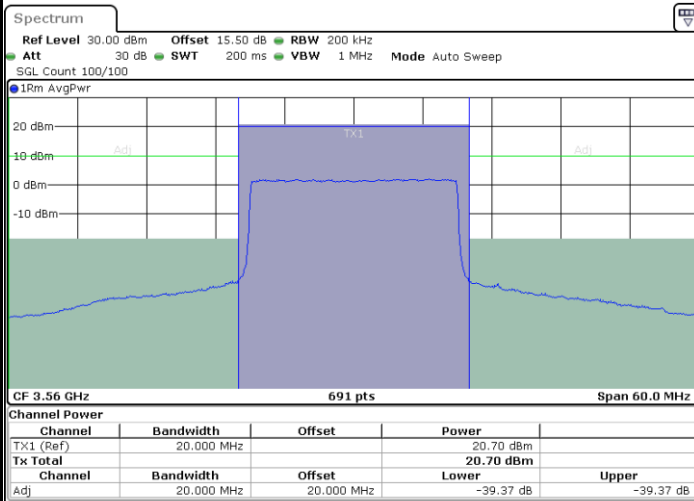
Date: 17.AUG.2022 10:54:58

Lowest Channel / 1RBmax



Date: 17.AUG.2022 11:02:10

Lowest Channel / FullRB



Date: 17.AUG.2022 10:47:44

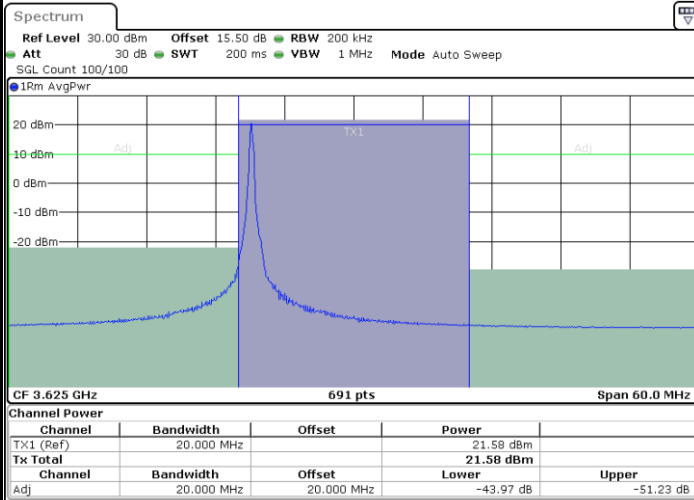
N/A



LTE Band 48 / 20MHz

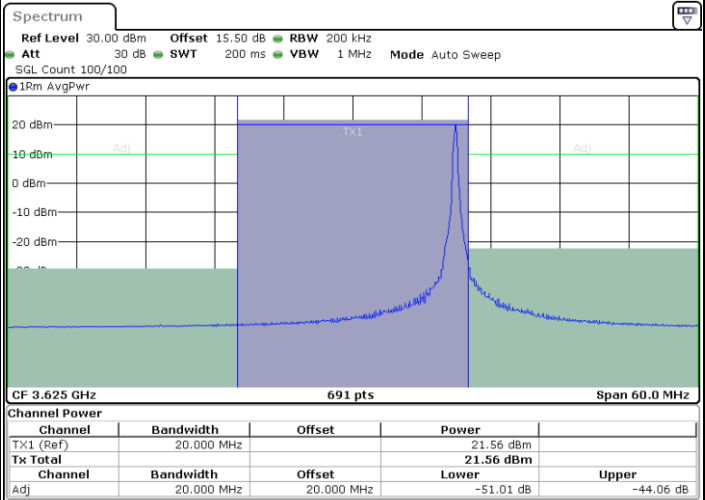
QPSK

Middle Channel / 1RB0



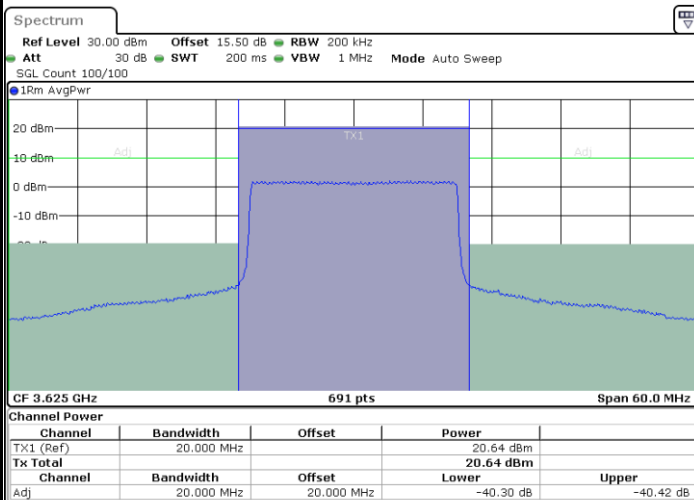
Date: 17.AUG.2022 10:55:46

Middle Channel / 1RBmax



Date: 17.AUG.2022 11:02:58

Middle Channel / FullRB



Date: 17.AUG.2022 10:48:33

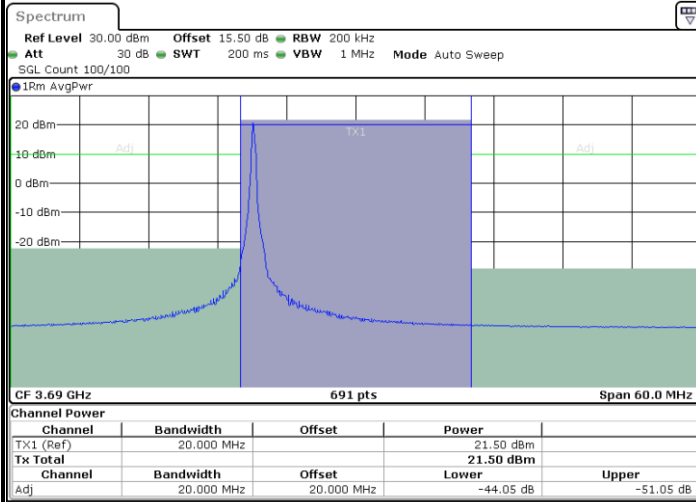
N/A



LTE Band 48 / 20MHz

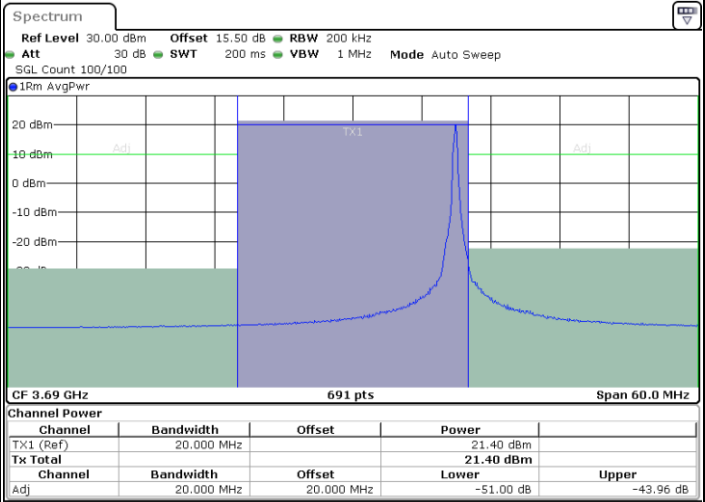
QPSK

Highest Channel / 1RB0



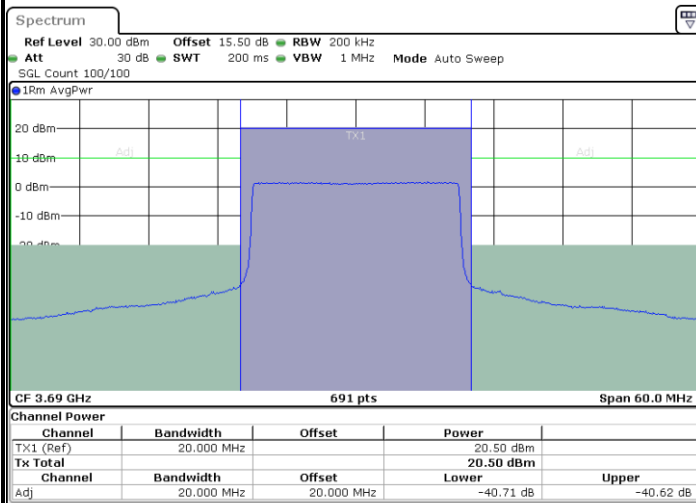
Date: 17.AUG.2022 10:59:45

Highest Channel / 1RBmax



Date: 17.AUG.2022 11:06:59

Highest Channel / FullRB



Date: 17.AUG.2022 10:52:33

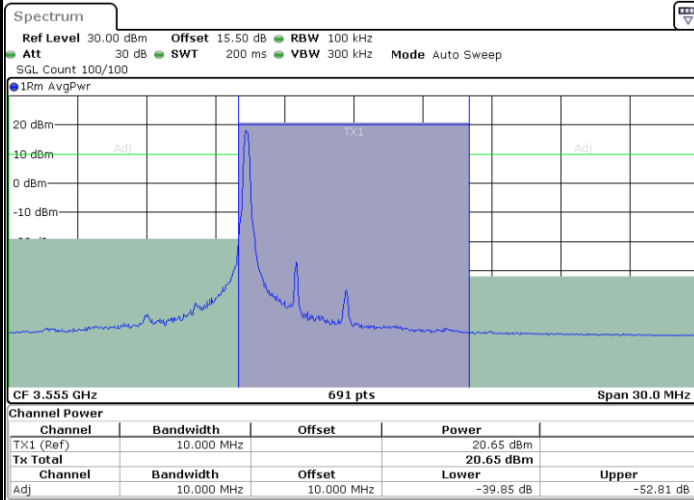
N/A



LTE Band 48 / 5MHz

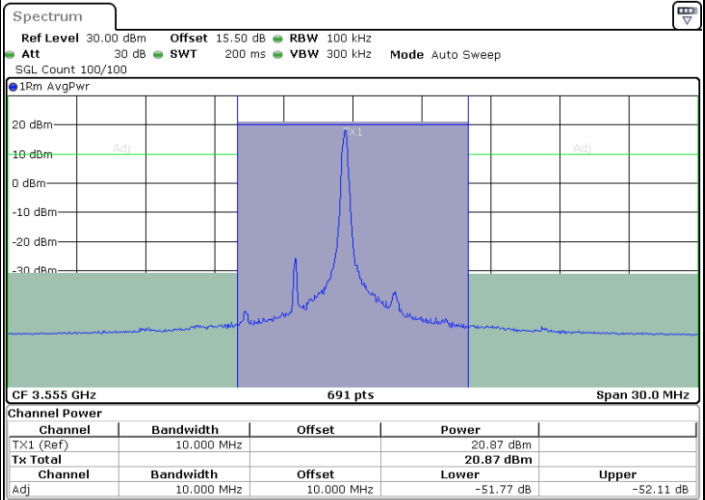
16QAM

Lowest Channel / 1RB0



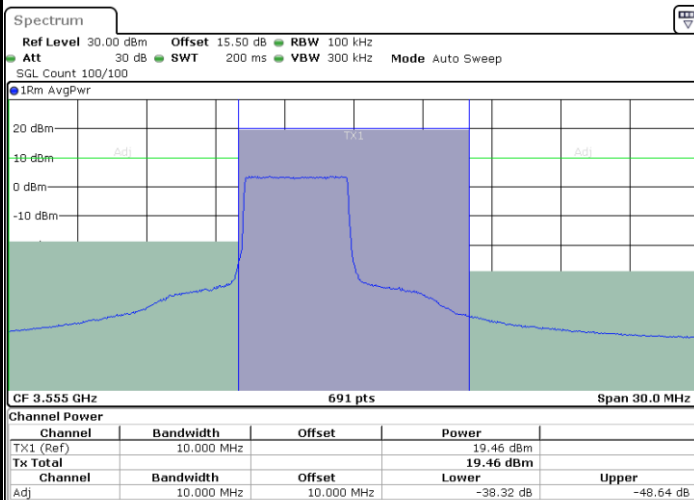
Date: 17.AUG.2022 09:40:50

Lowest Channel / 1RBmax



Date: 17.AUG.2022 09:55:33

Lowest Channel / FullRB



Date: 17.AUG.2022 09:48:11

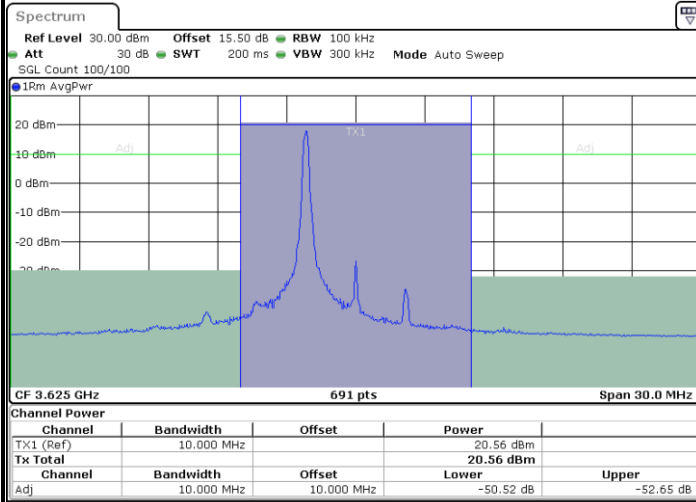
N/A



LTE Band 48 / 5MHz

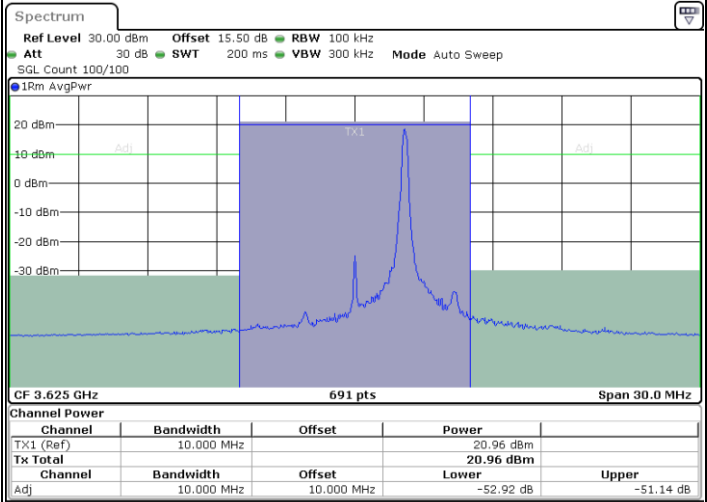
16QAM

Middle Channel / 1RB0



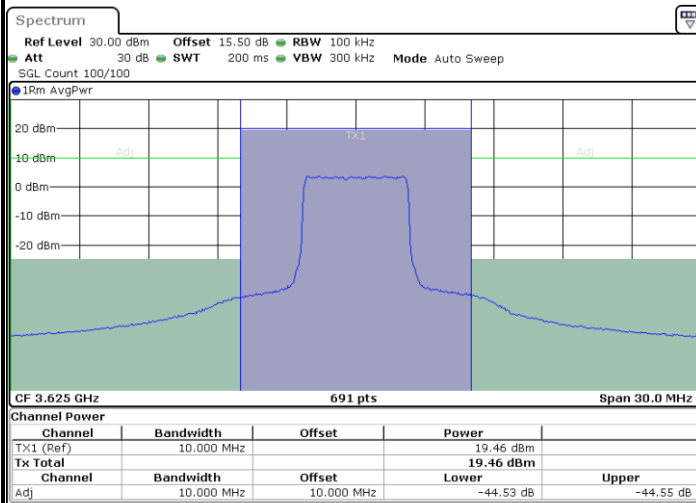
Date: 17.AUG.2022 09:43:16

Middle Channel / 1RBmax



Date: 17.AUG.2022 09:57:59

Middle Channel / FullRB



Date: 17.AUG.2022 09:50:38

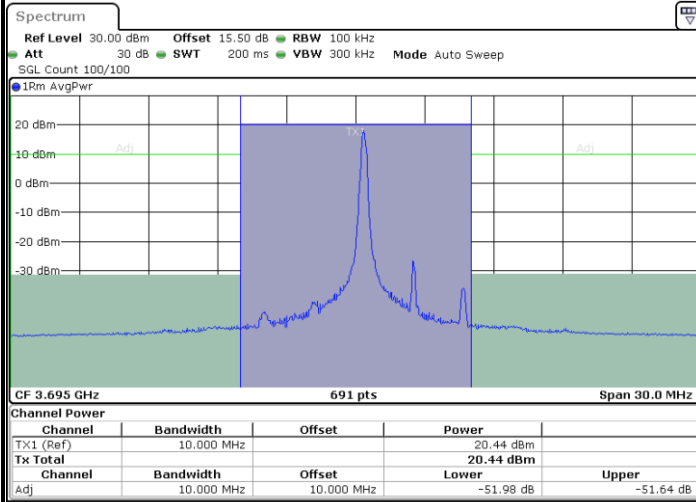
N/A



LTE Band 48 / 5MHz

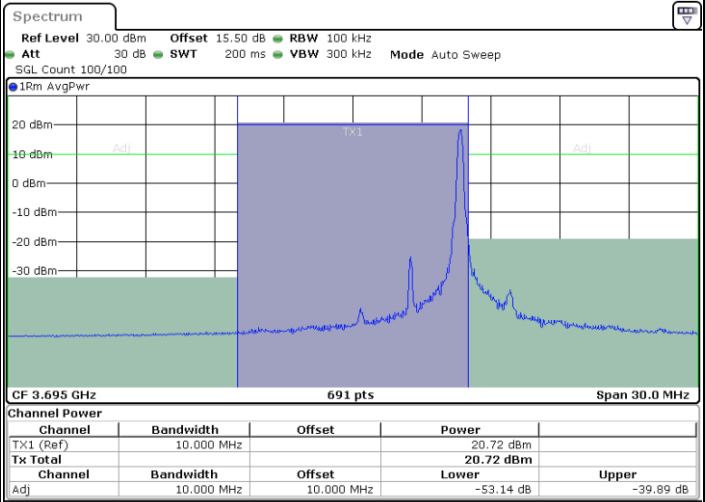
16QAM

Highest Channel / 1RB0



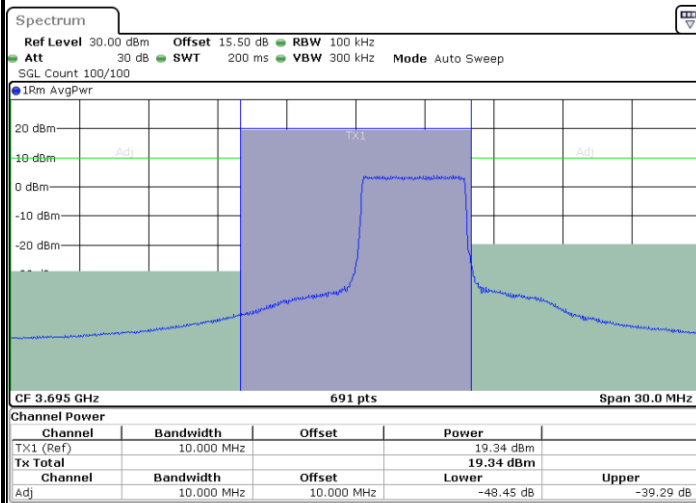
Date: 17.AUG.2022 09:45:43

Highest Channel / 1RBmax



Date: 17.AUG.2022 10:00:27

Highest Channel / FullRB



Date: 17.AUG.2022 09:53:04

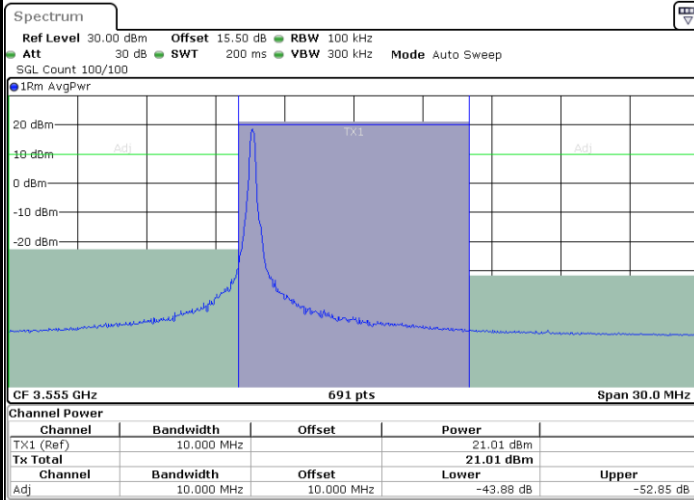
N/A



LTE Band 48 / 10MHz

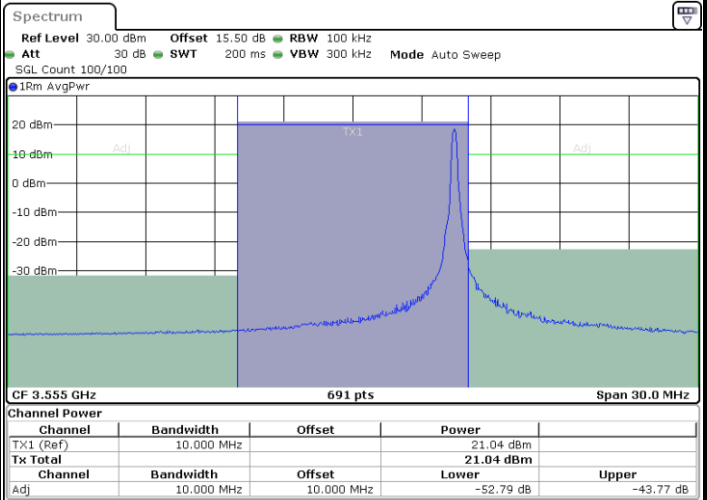
16QAM

Lowest Channel / 1RB0



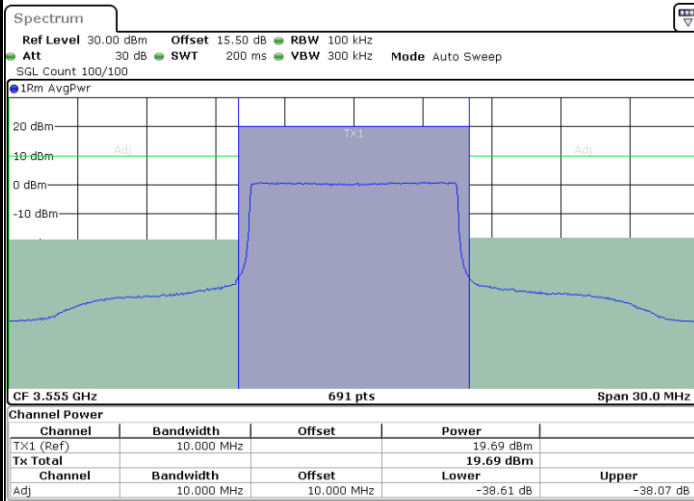
Date: 17.AUG.2022 10:02:59

Lowest Channel / 1RBmax



Date: 17.AUG.2022 10:17:42

Lowest Channel / FullRB



Date: 17.AUG.2022 10:10:21

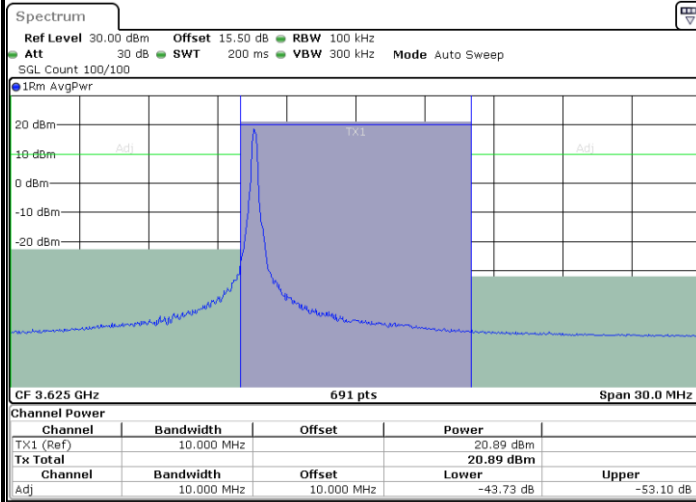
N/A



LTE Band 48 / 10MHz

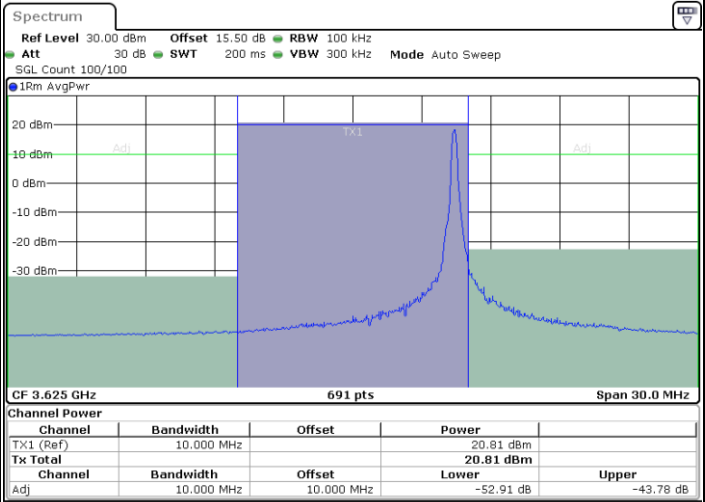
16QAM

MiddleChannel / 1RB0



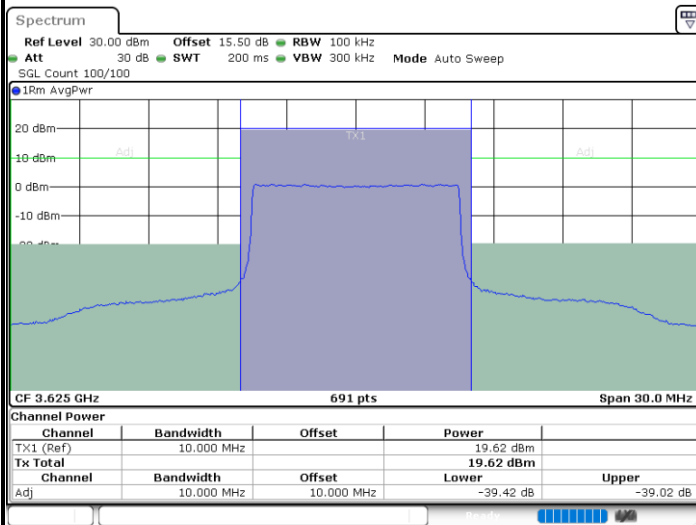
Date: 17.AUG.2022 10:05:25

Middle Channel / 1RBmax



Date: 17.AUG.2022 10:20:09

Middle Channel / FullRB



Date: 17.AUG.2022 10:12:47

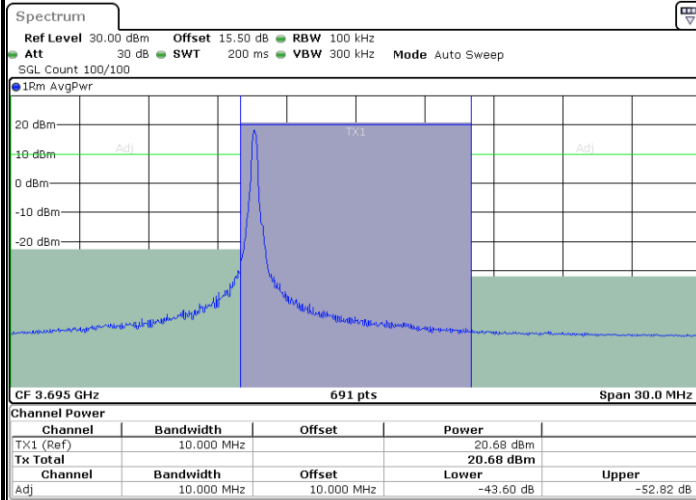
N/A



LTE Band 48 / 10MHz

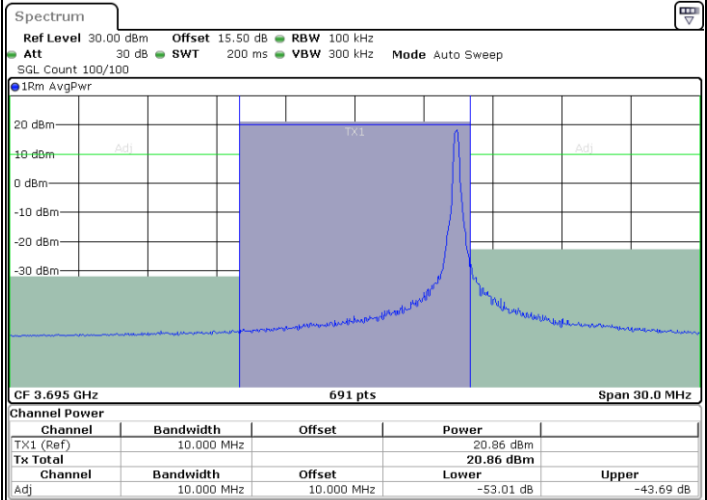
16QAM

Highest Channel / 1RB0



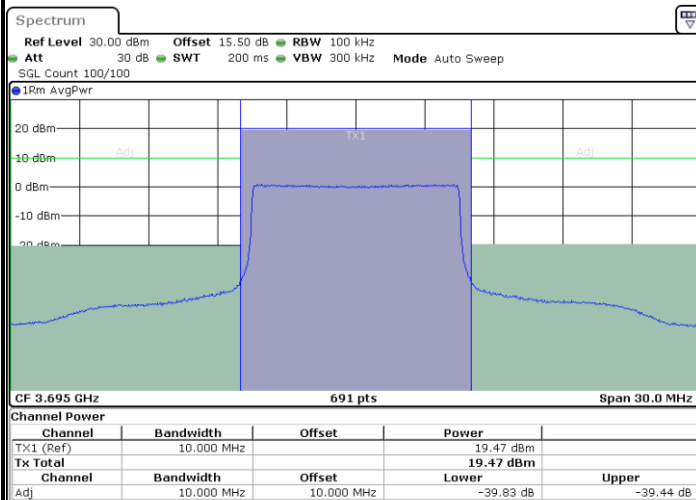
Date: 17.AUG.2022 10:07:53

Highest Channel / 1RBmax



Date: 17.AUG.2022 10:22:37

Highest Channel / FullIRB



Date: 17.AUG.2022 10:15:14

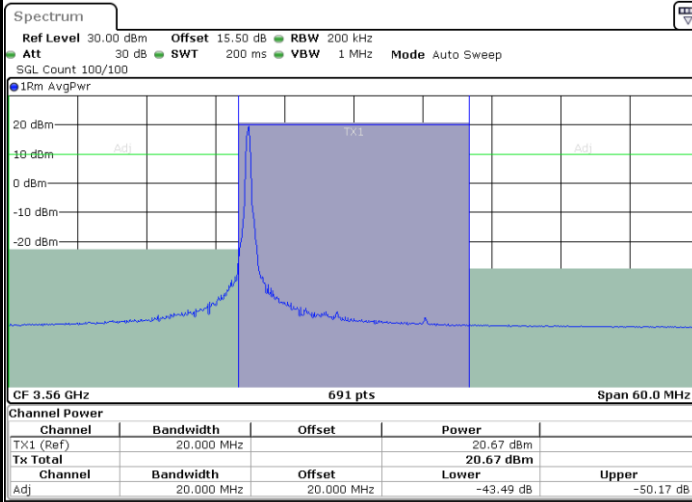
N/A



LTE Band 48 / 15MHz

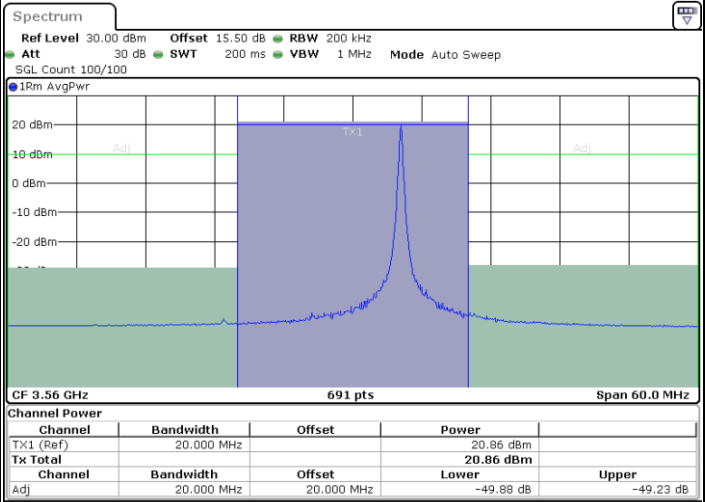
16QAM

Lowest Channel / 1RB0



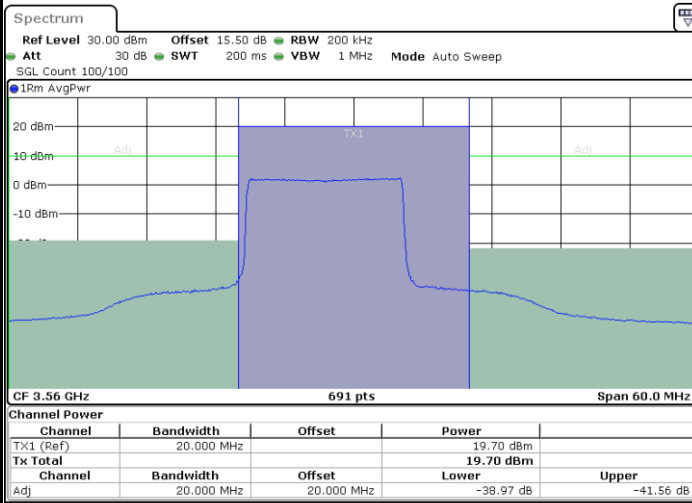
Date: 17.AUG.2022 10:25:11

Lowest Channel / 1RBmax



Date: 17.AUG.2022 10:39:38

Lowest Channel / FullRB



Date: 17.AUG.2022 10:32:26

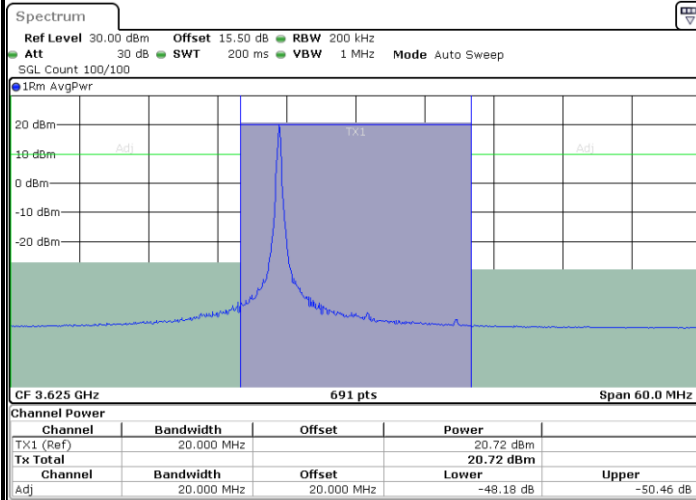
N/A



LTE Band 48 / 15MHz

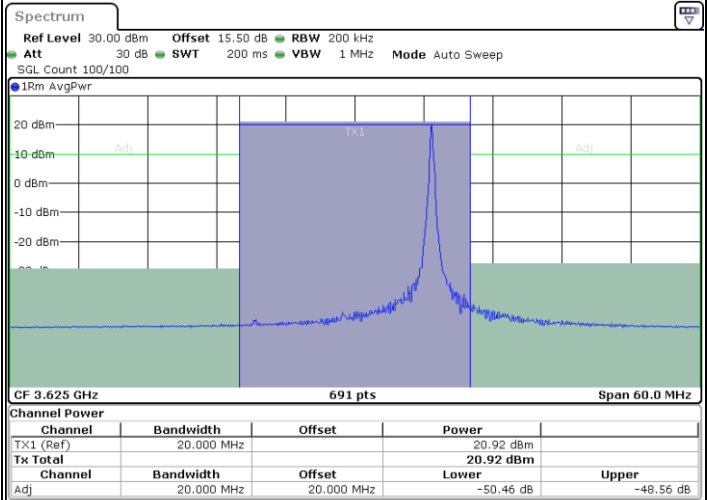
16QAM

Middle Channel / 1RB0



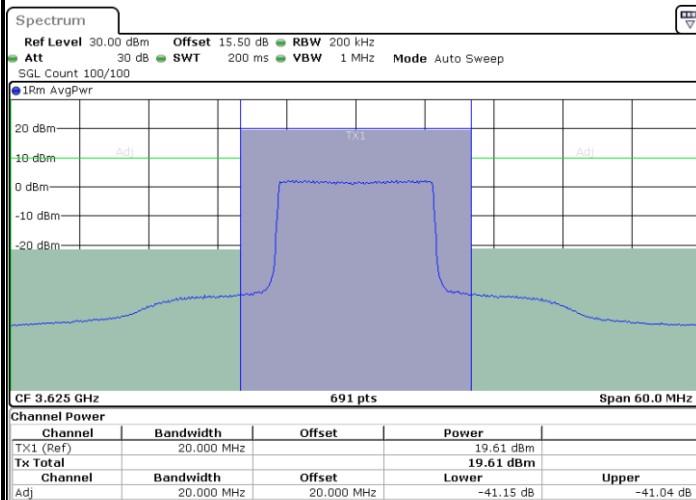
Date: 17.AUG.2022 10:27:35

Middle Channel / 1RBmax



Date: 17.AUG.2022 10:42:02

Middle Channel / FullRB



Date: 17.AUG.2022 10:34:50

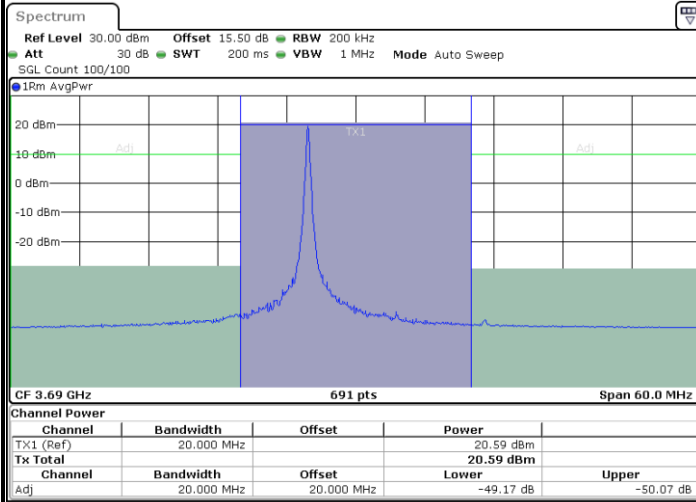
N/A



LTE Band 48 / 15MHz

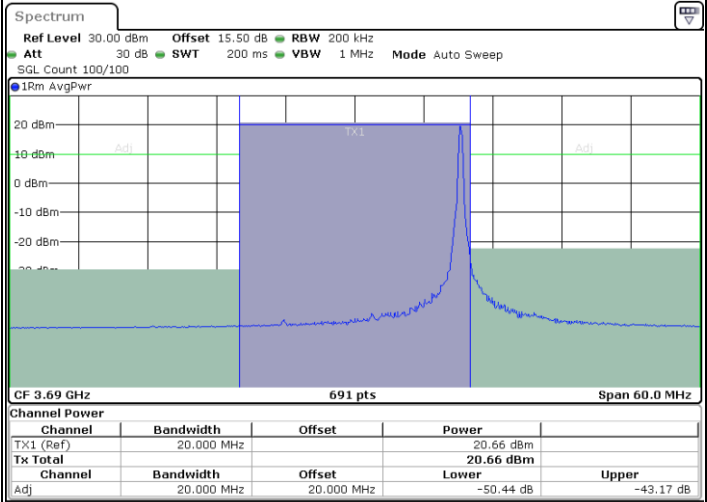
16QAM

Highest Channel / 1RB0



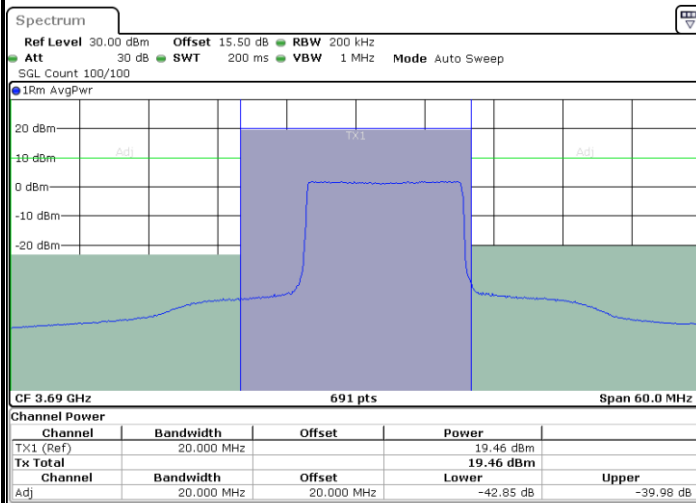
Date: 17.AUG.2022 10:30:00

Highest Channel / 1RBmax



Date: 17.AUG.2022 10:44:26

Highest Channel / FullIRB



Date: 17.AUG.2022 10:37:14

N/A