FCC RF Test Report

APPLICANT	: Motorola Mobility LLC
EQUIPMENT	: Mobile Cellular Phone
BRAND NAME	: Motorola
MODEL NAME	: XT2113-1, XT2113-1PP
FCC ID	: IHDT56ZF3
STANDARD	: 47 CFR Part 2, 96
CLASSIFICATION	: Citizens Band End User Devices (CBE)
EQUIPMENT TYPE	: End User Equipment

The product was received on Mar. 08, 2021 and completely tested on Mar. 27, 2021. We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26 and shown compliance with the applicable technical standards.

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

Jason Jia

Reviewed by: Jason Jia / Supervisor

Alex Wang

Approved by: Alex Wang / Manager

Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China

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History of this test report

Report No.	Version	Description	Issued Date
FG082402-06E	01	Initial issue of report	Apr. 22, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
-	§96.41	Peak-to-Average Ratio	Not Required	Not applicable for End User Devices
3.3	§96.41	Maximum E.I.R.P	Pass	-
		Maximum Power Spectral Density	Not Required	Not applicable for End User Devices
3.4	§2.1049 §96.41	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §96.41	Conducted Band Edge Measurement Adjacent Channel Leakage Ratio	Pass	-
3.6	§2.1051 §96.41	Conducted Spurious Emission	Pass	
3.7	§2.1055	Frequency Stability for Temperature & Voltage	Pass	-
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	Under limit 6.91 dB at 10848.000 MHz

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Applicant

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2113-1, XT2113-1PP
FCC ID	IHDT56ZF3
Tx Frequency	LTE Band 48: 3550 MHz ~ 3700 MHz
Rx Frequency	LTE Band 48: 3550 MHz ~ 3700 MHz
Bandwidth	5MHz / 10MHz / 15MHz / 20MHz
Maximum Output Power to Antenna	22.99 dBm
Antenna Gain	1.33 dBi
Type of Modulation	QPSK / 16QAM / 64QAM
IMEI Code	Conducted: N/A Radiation: 868869050005346/868869050005378
HW Version	DVT2
SW Version	RRV31.Q2-20
EUT Stage	Identical Prototype

Remark:
The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Specification of Accessory

Specification of Accessory				
AC Adapter	**Brand Name**	Motorola (Chenyang)	**Model Name**	MC-201
Battery	**Brand Name**	Motorola (Amperex)	**Model Name**	MK50
USB Cable 1	**Brand Name**	Motorola (Saibao)	**Model Name**	SC18C24367
USB Cable 2	**Brand Name**	Motorola (Luxshare)	**Model Name**	SC18C24368
USB Cable 3	**Brand Name**	Motorola (I SHENG)	**Model Name**	SC18C28955

1.5 Maximum EIRP Power, Frequency Tolerance, and Emission Designator

LTE Band 48		QPSK			16QAM		
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Maximum EIRP (W)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Maximum EIRP (W)
20	**3560~3690**	17M9G7D	0.0075	0.2704	17M9W7D	-	0.2410

1.6 Testing Site

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH04-KS TH01-KS	CN1257	314309

1.7 Test Software

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

1.8 Applied Standards

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

- ANSI C63.26-2015
- ANSI / TIA-603-E
- 47 CFR Part 2, 96
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 940660 D01 Part 96 CBRS v03
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

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

2 Test Configuration of Equipment Under Test

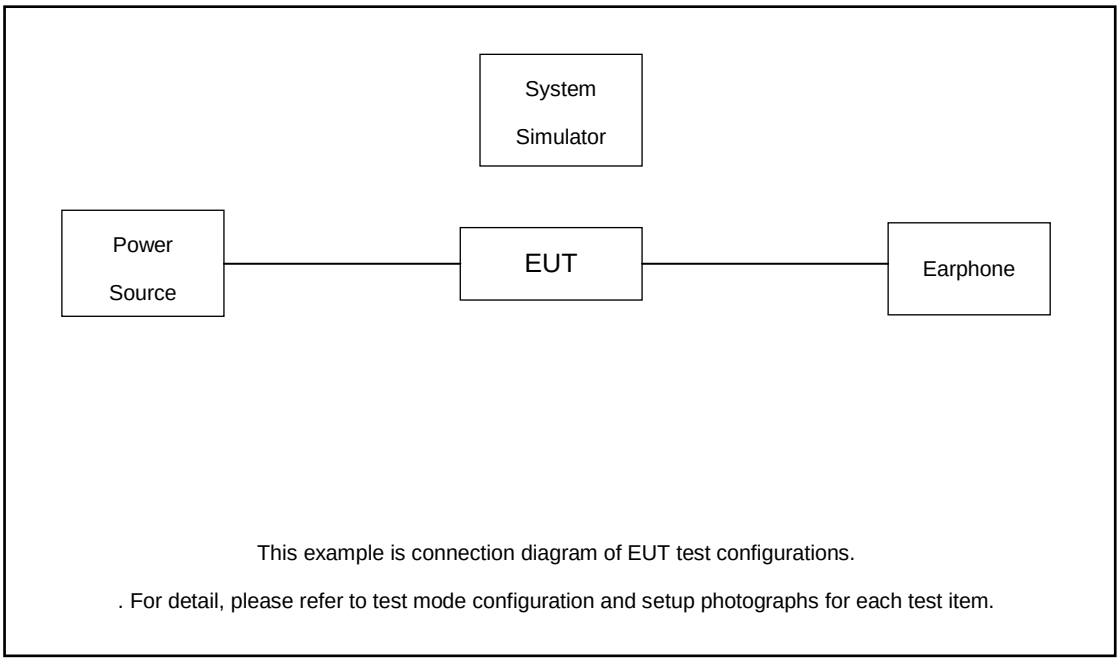
2.1 Test Mode

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

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

Test Items	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	48	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	48	-	-				v	v	v				v		v	
Conducted Band Edge	48	-	-	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	48	-	-	v	v	v	v	v	v	v	v		v	v	v	v
E.R.P / E.I.R.P	48	-	-	v	v	v	v	v	v	v	v			v	v	v
Frequency Stability	48	-	-				v	v	v	v	v				v	
Radiated Spurious Emission	48	Worst Case													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. All the radiated test cases were performed with Earphone, Adapter and USB Cable.															

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Power Supply	GWINSTEK	PSS-2002	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	Earphone	N/A	N/A	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.

Following shows an offset computation example with cable loss 8.72dB.

Example :

Offset(dB) = RF cable loss(dB).

= 8.72(dB)

2.5 Frequency List of Low/Middle/High Channels

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

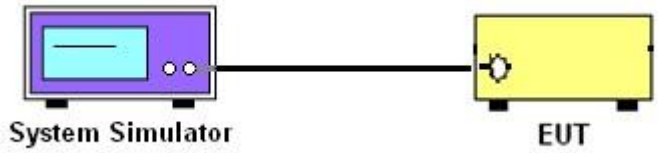
3 Conducted Test Items

3.1 Measuring Instruments

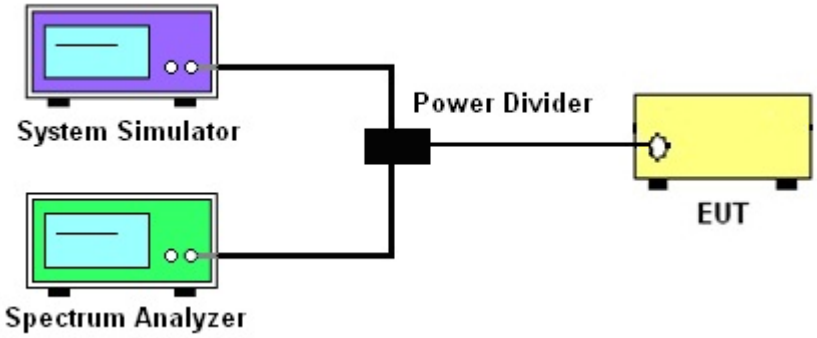
See list of measuring instruments of this test report.

3.1.1 Test Setup

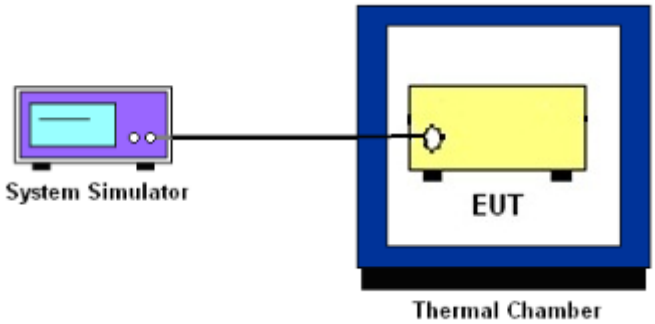
3.1.2 Conducted Output Power



3.1.3 PSD, Peak-to-Average Ratio, 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 EIRP

3.3.1 Description of the EIRP Measurement

EIRP limits for CBRS equipment as below table:

Device		Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
v	**End User Device**	23	n/a
	Category A CBSD	30	20
	Category B CBSD	47	37

3.3.2 Test Procedures for EIRP

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

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

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

   P_T = transmitter output power in dBm

   G_T = gain of the transmitting antenna in dBi

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

3.4 Occupied Bandwidth

3.4.1 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.

3.4.2 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.

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

Part 96.41 (e) (1) (i)

For CBSD the emission limits outside the fundamental are as follows:

Within 0 MHz to 10 MHz above and below the assigned channel ≤ −13 dBm/MHz

Greater than 10 MHz above and below the assigned channel ≤ −25 dBm/MHz

Part 96.41 (e) (1) (ii)

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

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

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

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

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

Part 96.41 (e) (2)

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

3.5.2 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 >= 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. Offset has included the duty factor for LTE Band 48. Duty factor =10 log (1/x), where x is the measured duty cycle.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.6 Conducted Spurious Emission

3.6.1 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.

3.6.2 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 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.

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

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

3.7.2 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.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

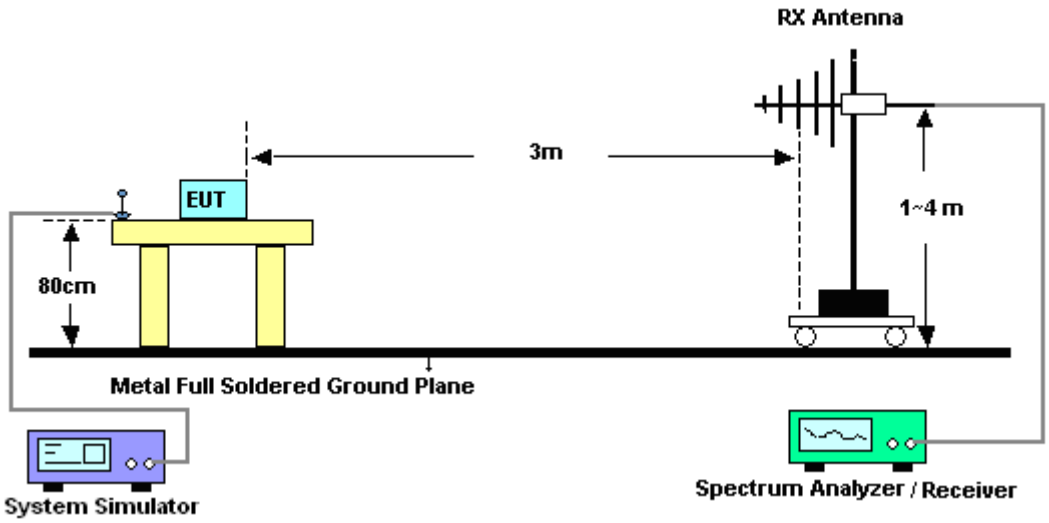
4 Radiated Test Items

4.1 Measuring Instruments

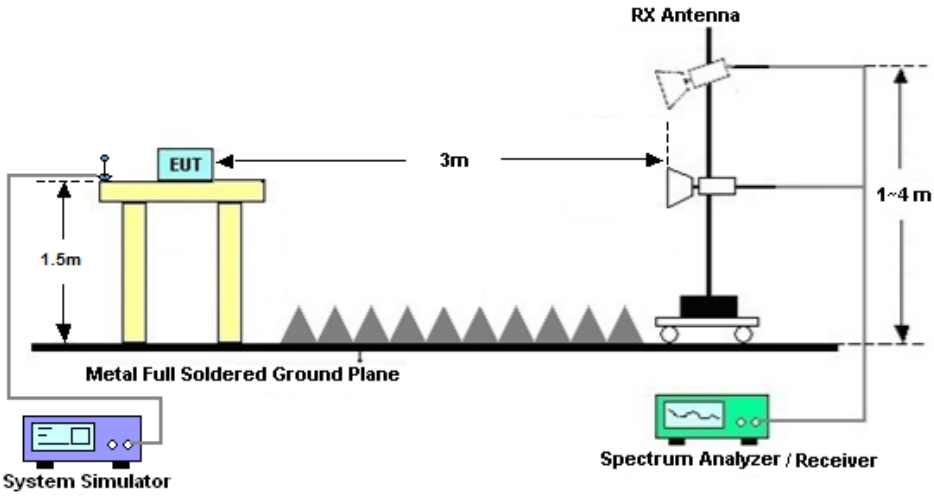
See list of measuring instruments of this test report.

4.2 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / 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

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

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Nov. 01, 2020	Mar. 15, 2021~ Mar. 18, 2021	Oct. 31, 2021	Conducted (TH01-KS)
Temperature &humidity chamber	Hongzhan	LP-150U	H20140111440	-40~+150°C 20%~95%RH	Jul. 03, 2020	Mar. 15, 2021~ Mar. 18, 2021	Jul. 02, 2021	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz-44G,MAX 30dB	Apr. 15, 2020	Mar. 27, 2021	Apr. 14, 2021	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	Jun. 08, 2020	Mar. 27, 2021	Jun. 07, 2021	Radiation (03CH04-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	1356	1GHz~18GHz	Apr. 20, 2020	Mar. 27, 2021	Apr. 19, 2021	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101115	18GHz~40GHz	Jan. 06, 2021	Mar. 27, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	187289	9KHz-1GHz	Jan. 06, 2021	Mar. 27, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 07, 2021	Mar. 27, 2021	Jan. 06, 2022	Radiation (03CH04-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2025788	1Ghz-18Ghz	Jan. 06, 2021	Mar. 27, 2021	Jan. 05, 2022	Radiation (03CH04-KS)
Amplifier	Keysight	83017A	MY57280106	500MHz~26.5GHz	Oct. 14, 2020	Mar. 27, 2021	Oct. 13, 2021	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Mar. 27, 2021	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Mar. 27, 2021	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Mar. 27, 2021	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required

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))	**3.3dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.8dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and EIRP

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	EIRP		
Channel				55340	55990	56640			
Frequency (MHz)				3560	3625	3690	L	M	H
20	QPSK	1	0	22.75	22.99	22.74	0.2559	0.2704	0.2553
20	QPSK	1	99	22.86	22.80	22.66	0.2624	0.2588	0.2506
20	QPSK	100	0	22.10	22.17	22.06	0.2203	0.2239	0.2183
20	16QAM	1	0	22.24	22.14	22.49	0.2275	0.2223	0.2410
20	64QAM	1	0	21.17	21.40	21.32	0.1778	0.1875	0.1841
Channel				55315	55990	56665	EIRP		
Frequency (MHz)				3557.5	3625	3692.5	L	M	H
15	QPSK	1	0	22.50	22.75	22.77	0.2415	0.2559	0.2570
15	16QAM	1	0	22.06	21.95	21.95	0.2183	0.2128	0.2128
Channel				55290	55990	56690	EIRP		
Frequency (MHz)				3555	3625	3695	L	M	H
10	QPSK	1	0	22.51	22.92	22.61	0.2421	0.2661	0.2477
10	16QAM	1	0	22.42	22.26	22.31	0.2371	0.2286	0.2312
Channel				55265	55990	56715	EIRP		
Frequency (MHz)				3552.5	3625	3697.5	L	M	H
5	QPSK	1	0	22.68	22.98	22.61	0.2518	0.2698	0.2477
5	16QAM	1	0	22.41	22.44	22.49	0.2366	0.2382	0.2410

LTE Band 48

EIRP Power

1RB0

Mode	LTE Band 48 : Conducted Power Density (dBm/10MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	22.92	22.04	22.67	22.02	22.65	21.98	22.65	22.00	20.65	20.66	20.40	20.52
Middle CH	22.72	21.89	22.88	21.99	22.74	21.77	22.47	21.70	20.46	20.54	20.32	20.34
Highest CH	22.44	21.72	22.38	21.50	22.39	21.56	22.27	21.51	20.24	20.14	19.91	19.99
Limit	23dBm /10MHz											
Result	Pass											

1RB Max

Mode	LTE Band 48 : Conducted Power Density (dBm/10MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	22.86	22.07	22.87	22.00	22.68	21.91	22.75	22.00	20.66	20.64	20.57	20.44
Middle CH	22.66	21.96	22.56	21.98	22.61	21.86	22.58	21.90	20.62	20.75	20.50	20.26
Highest CH	22.65	21.79	22.62	21.80	22.42	21.69	22.40	21.65	20.39	20.3	20.32	20.17
Limit	23dBm /10MHz											
Result	Pass											

Full RB0

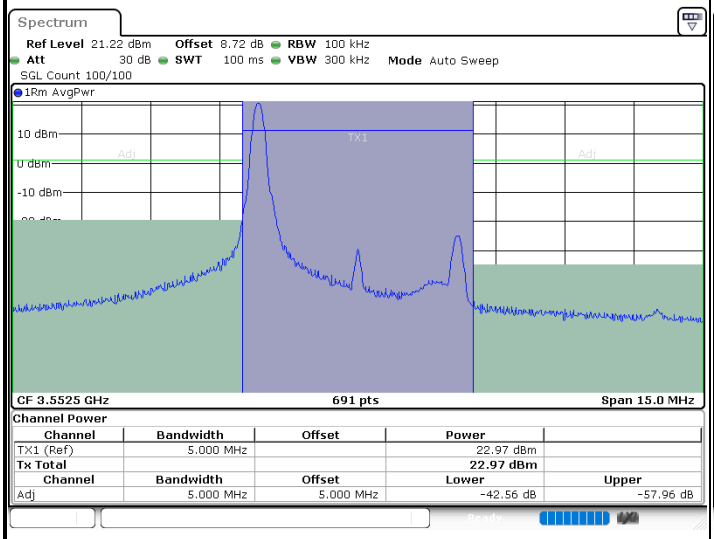
Mode	LTE Band 48 : Conducted Power Density (dBm/10MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	22.02	20.99	21.94	20.99	21.75	20.81	21.95	20.94	20.01	20.02	19.85	20.04
Middle CH	21.81	20.84	21.94	20.92	21.72	20.81	21.78	20.74	19.82	20.06	19.92	19.66
Highest CH	21.71	20.77	21.62	20.6	21.58	20.66	21.57	20.52	19.81	19.68	19.61	19.48
Limit	23dBm /10MHz											
Result	Pass											

ACLR

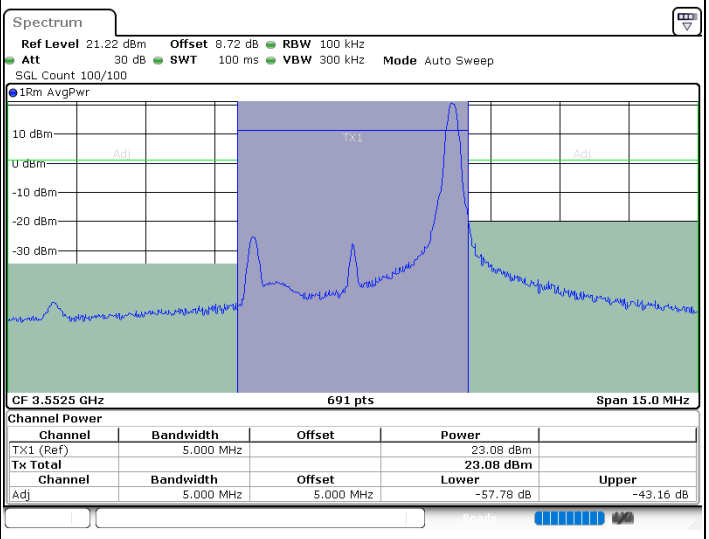
LTE Band 48 / 5MHz

QPSK

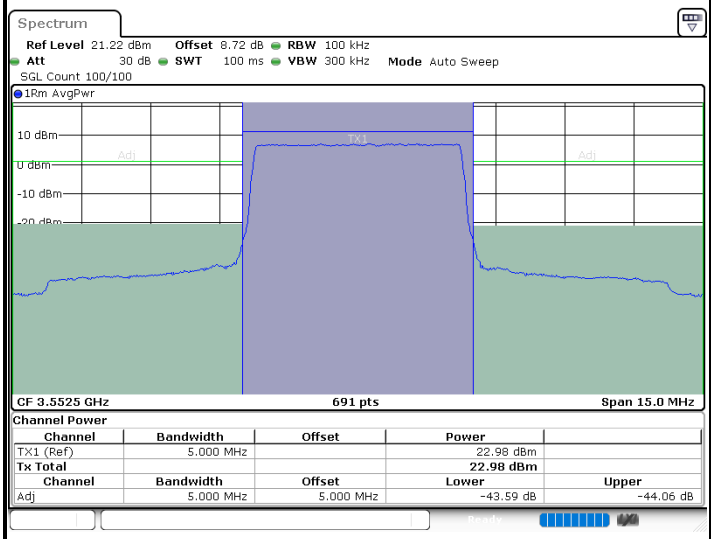
Lowest Channel / 1RB0



Lowest Channel / 1RBmax



Lowest Channel / Full RB

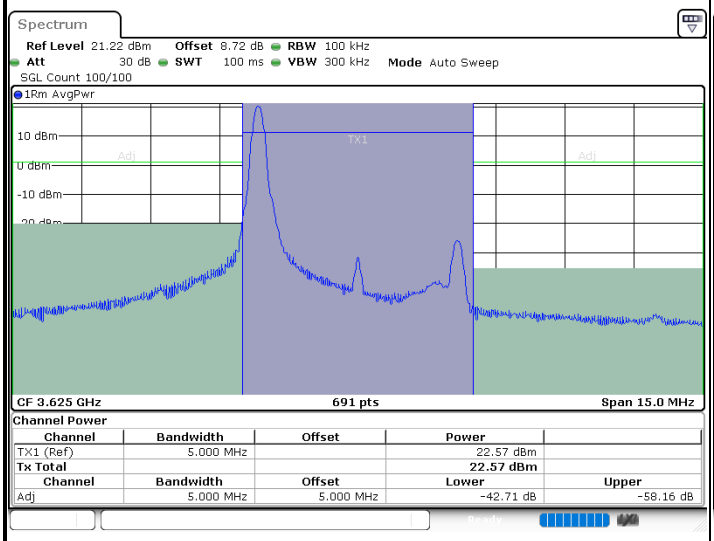


N/A

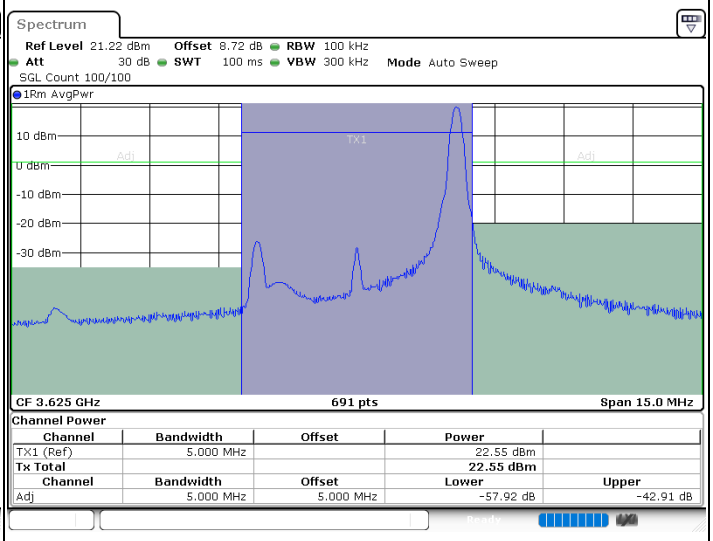
LTE Band 48 / 5MHz

QPSK

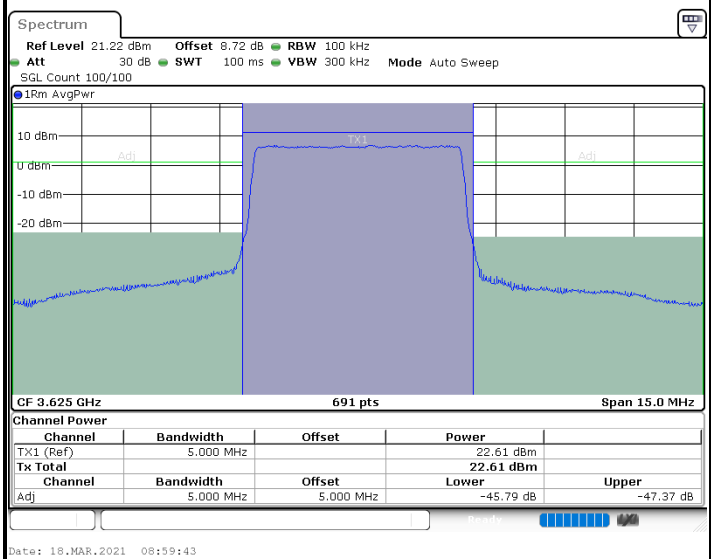
Middle Channel / 1RB0



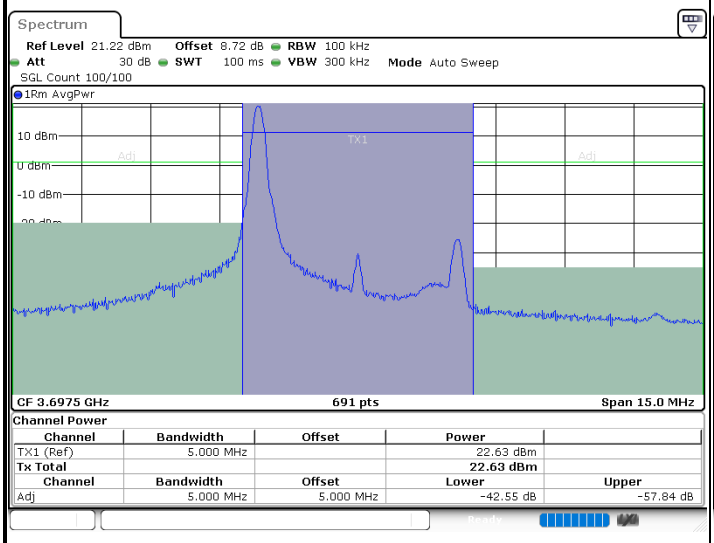
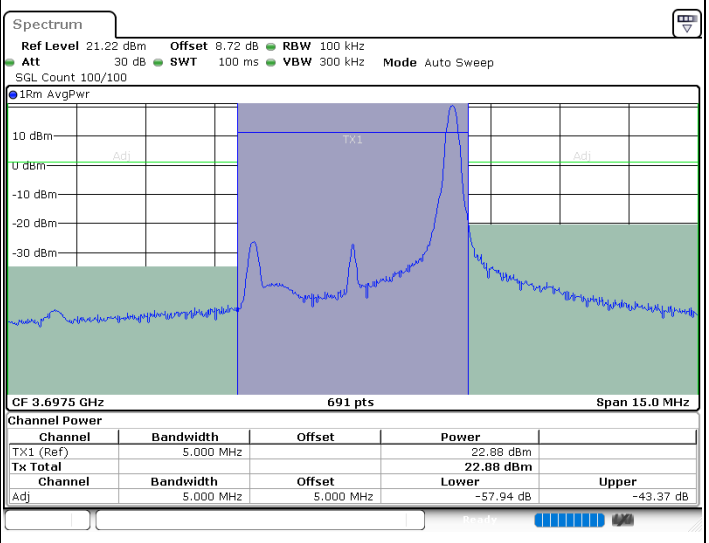
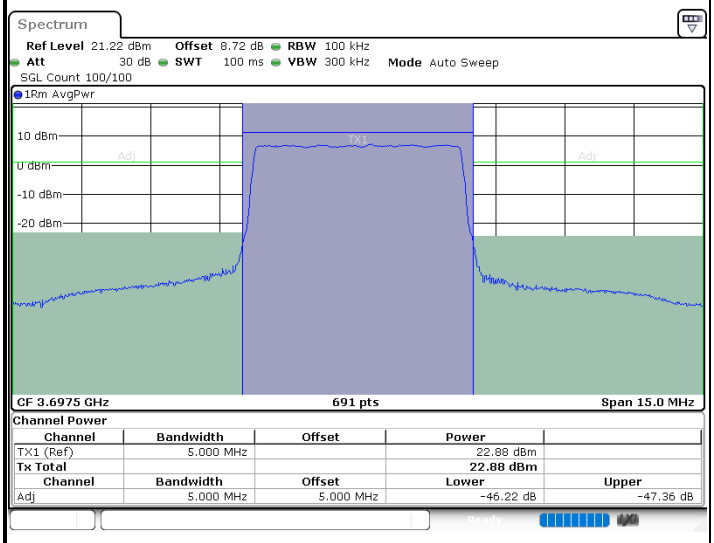
Middle Channel / 1RBmax

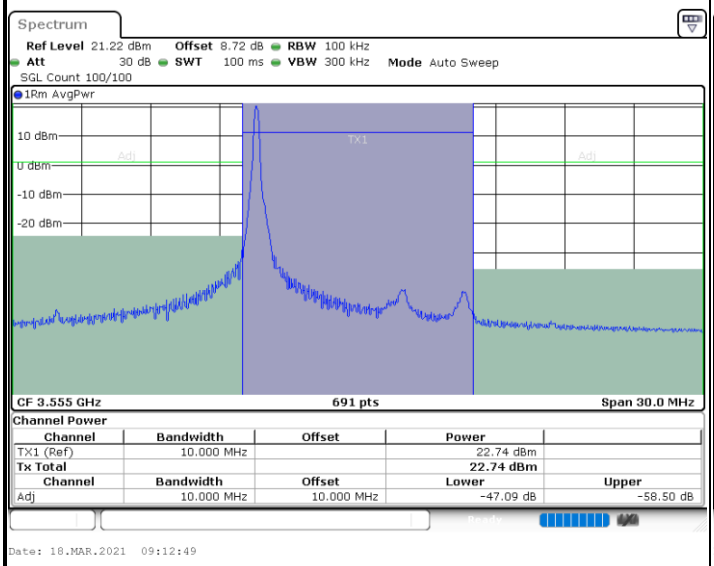
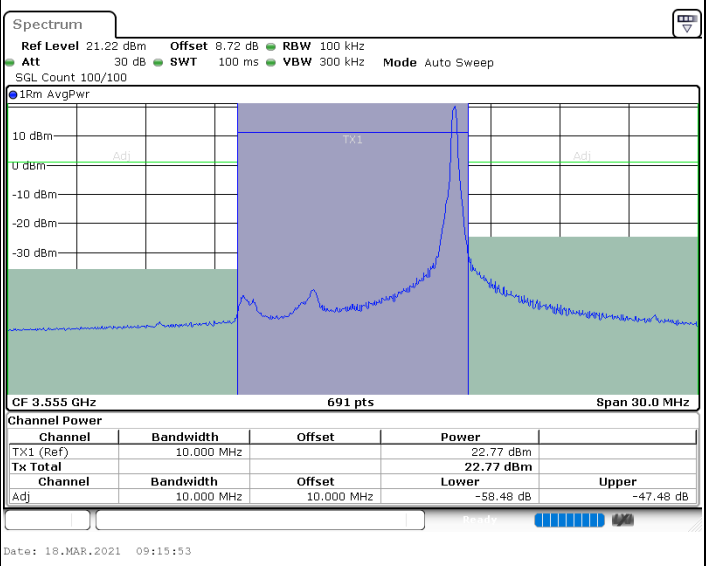
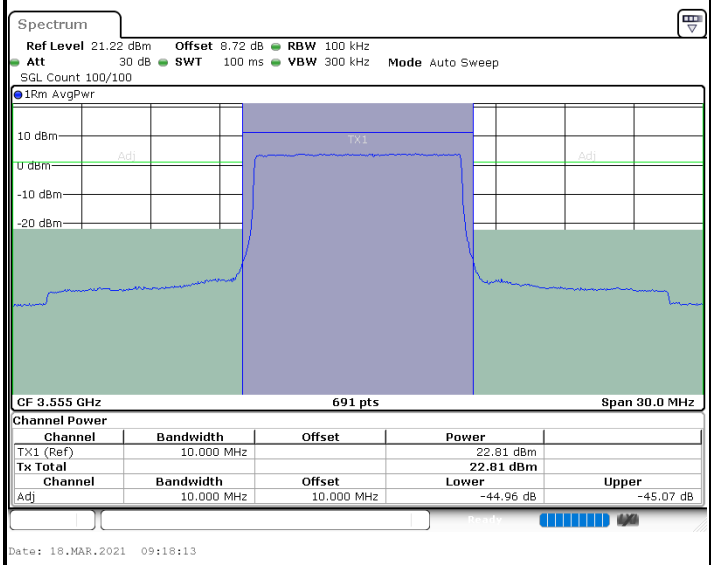


Middle Channel / Full RB



N/A

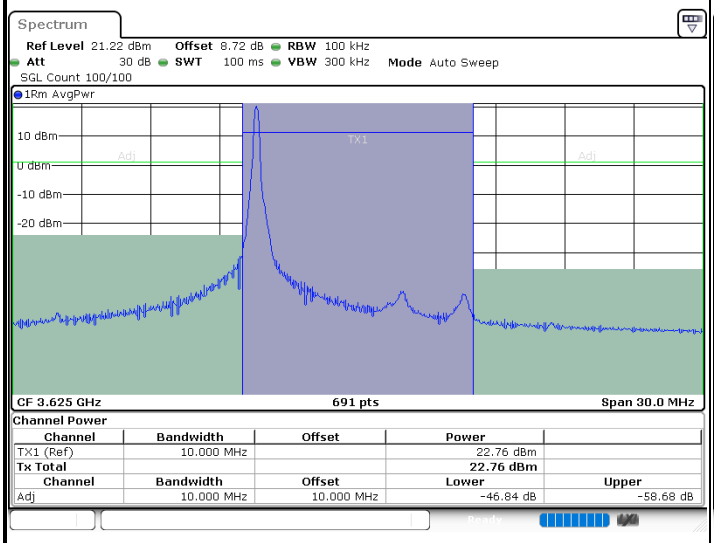
LTE Band 48 / 5MHz	
QPSK	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

LTE Band 48 / 10MHz	
QPSK	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

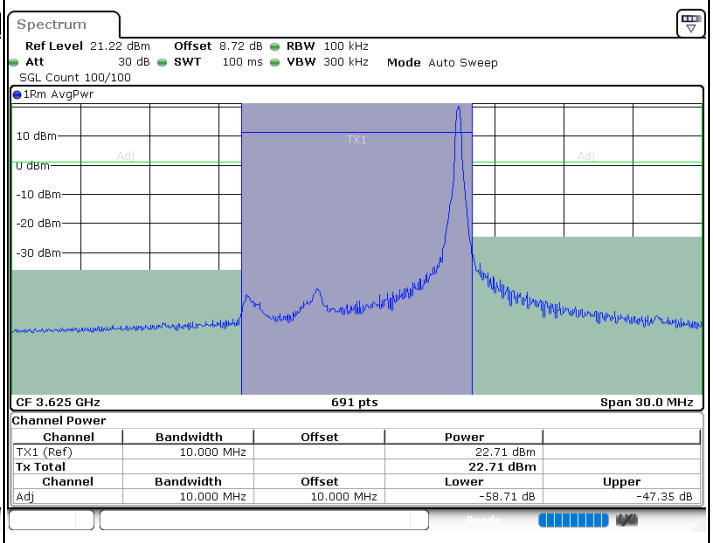
LTE Band 48 / 10MHz

QPSK

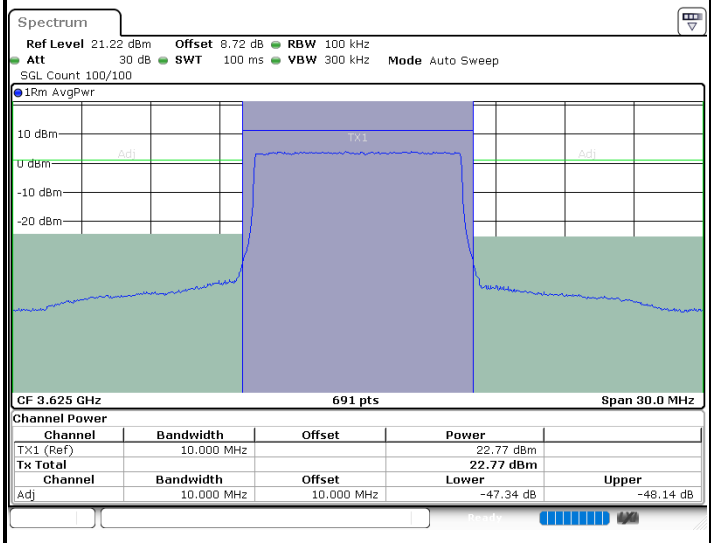
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / Full RB

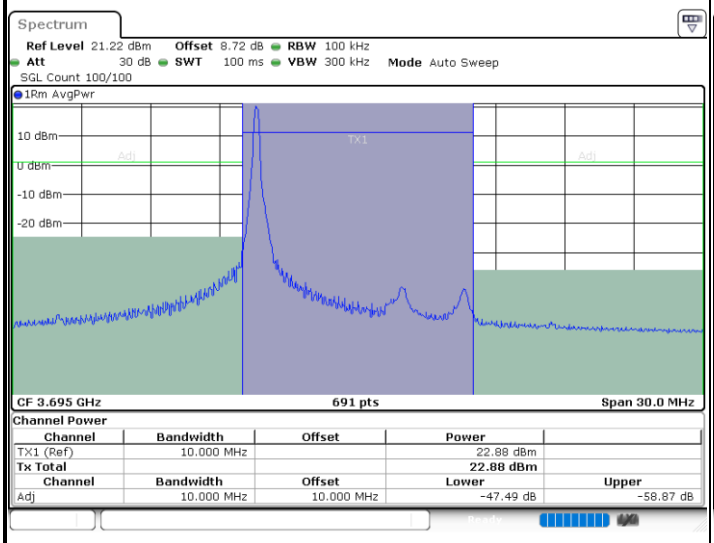


N/A

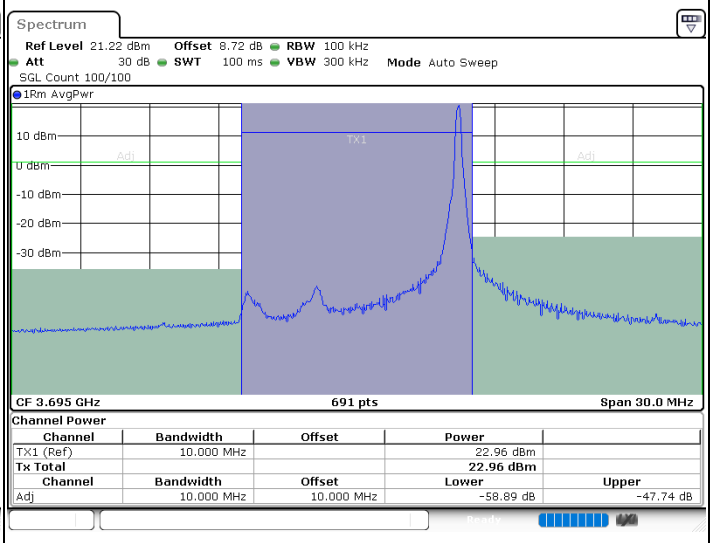
LTE Band 48 / 10MHz

QPSK

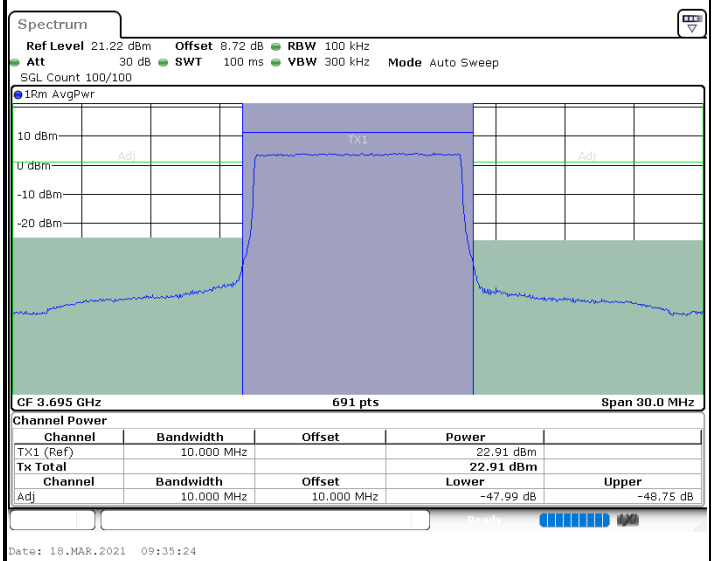
Highest Channel / 1RB0



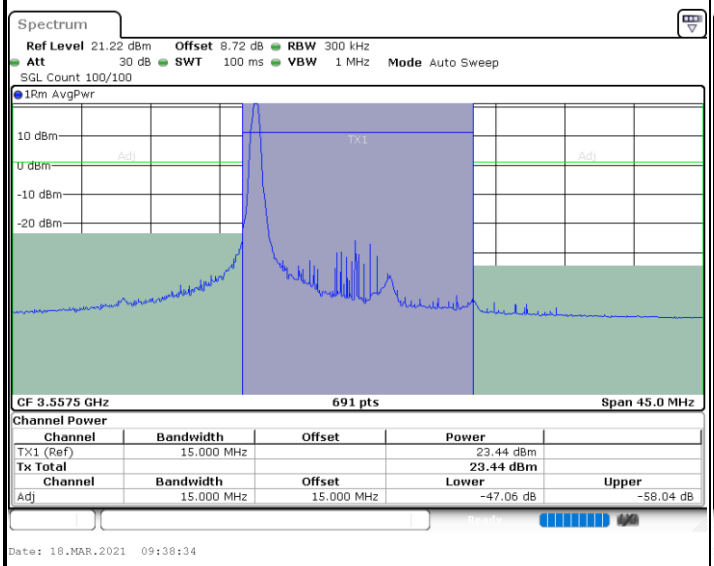
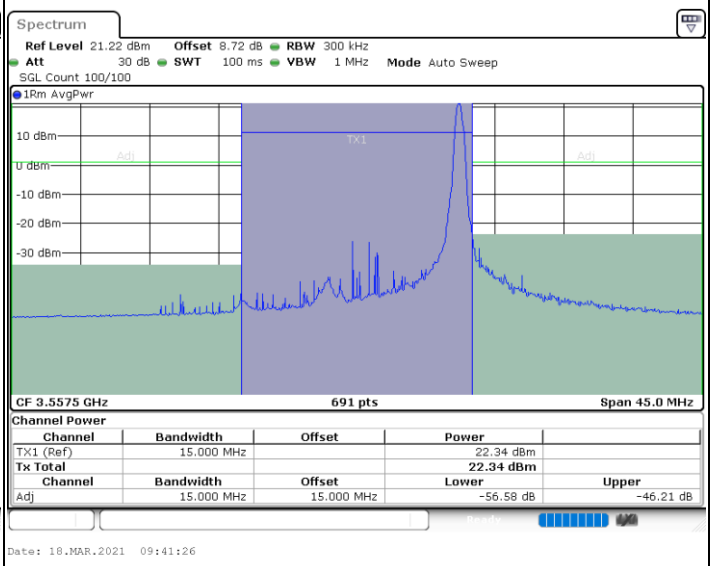
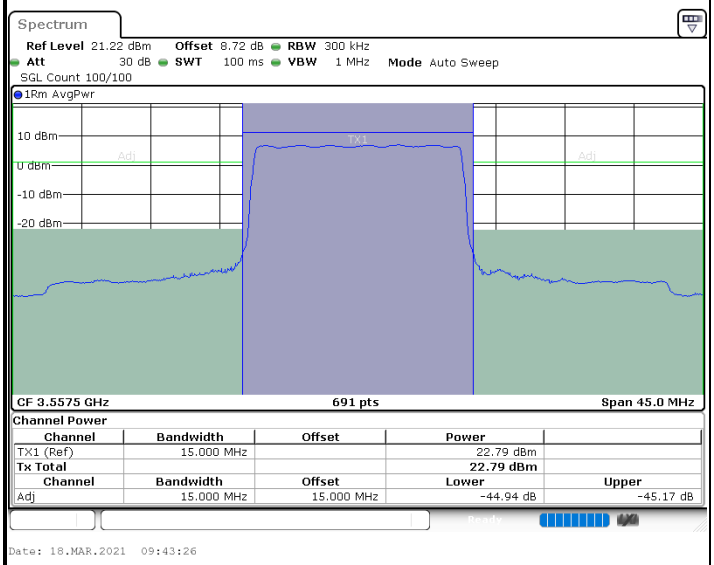
Highest Channel / 1RBmax

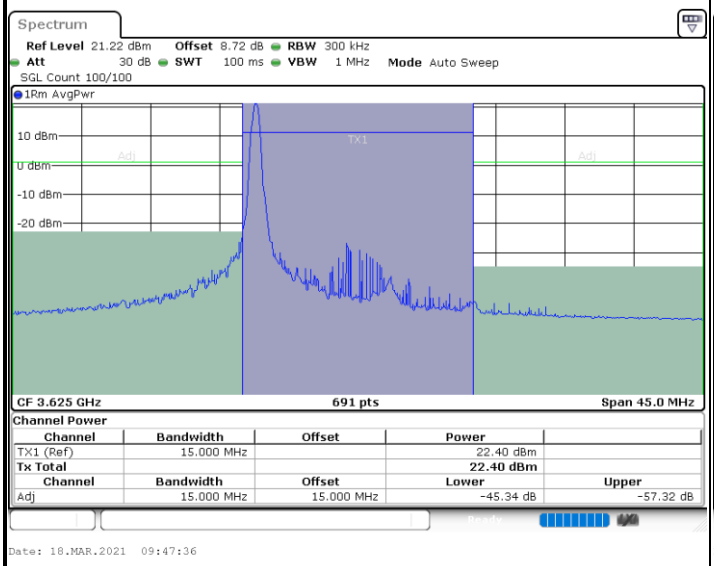
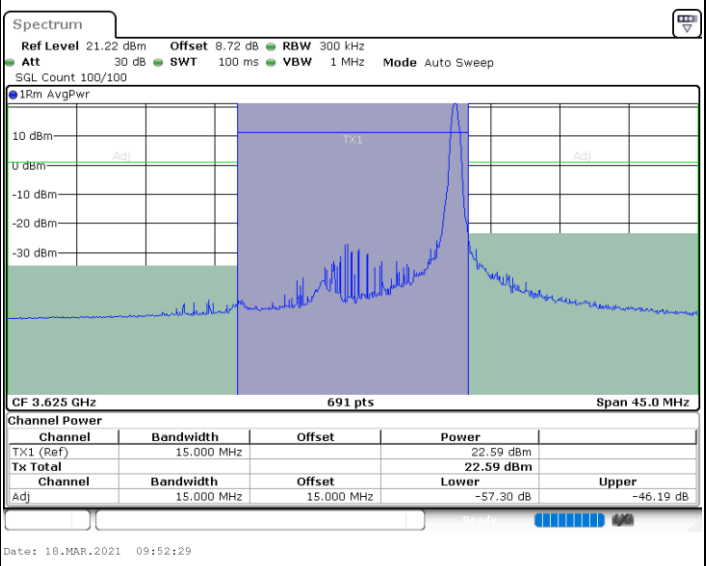
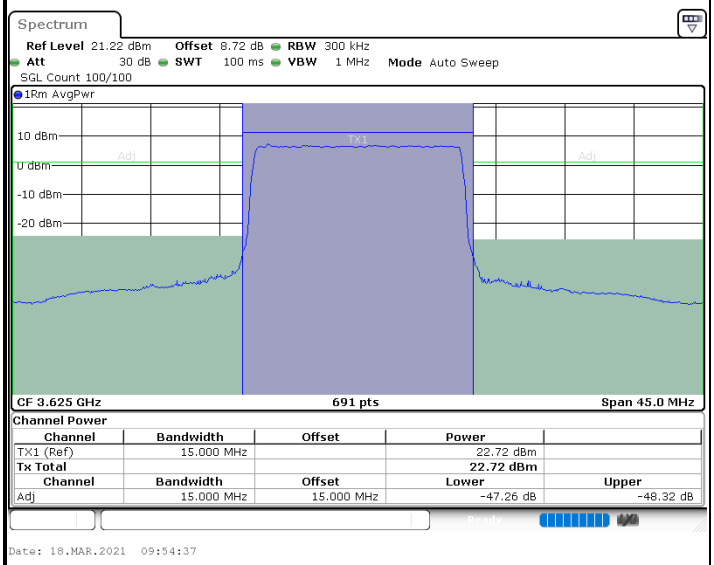


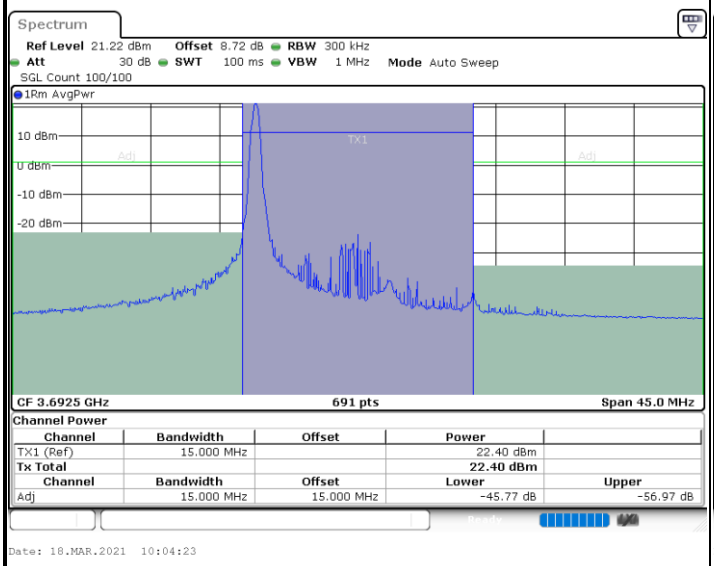
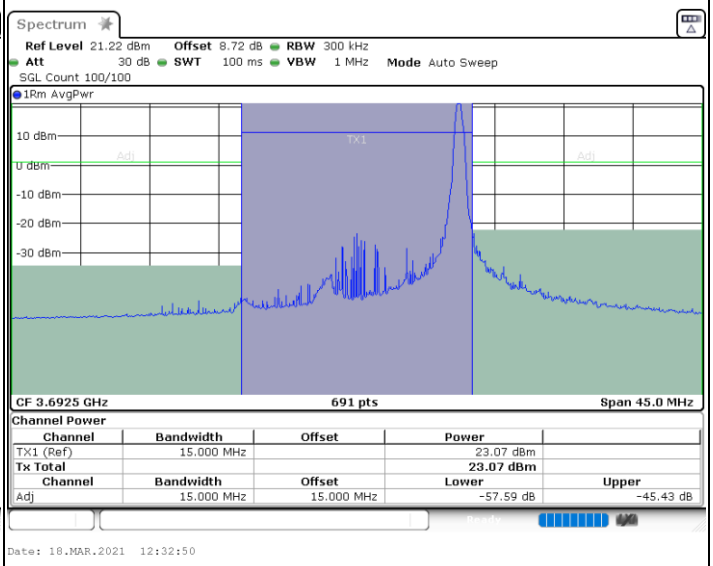
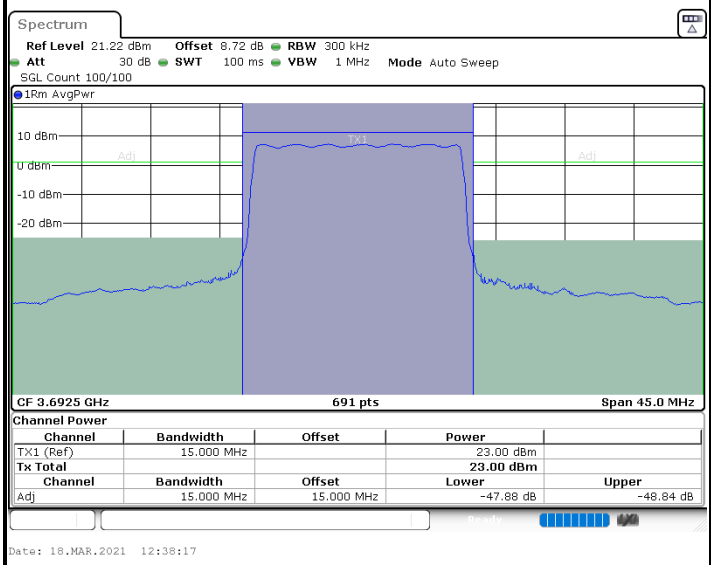
Highest Channel / Full RB

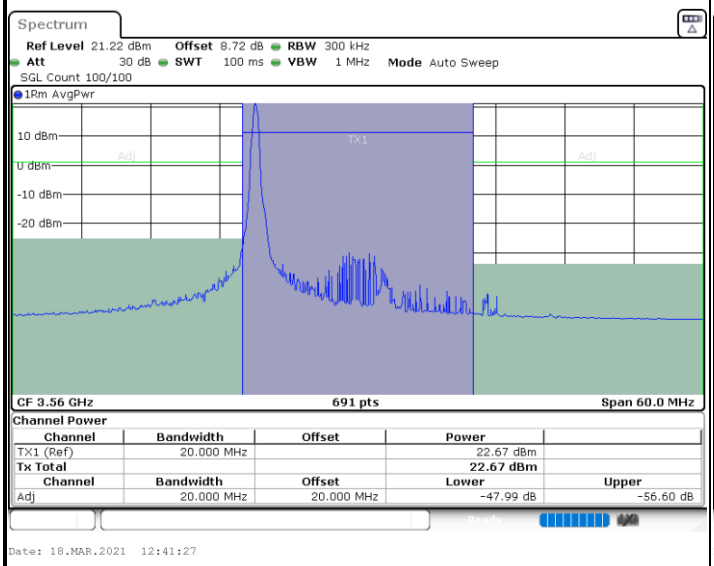
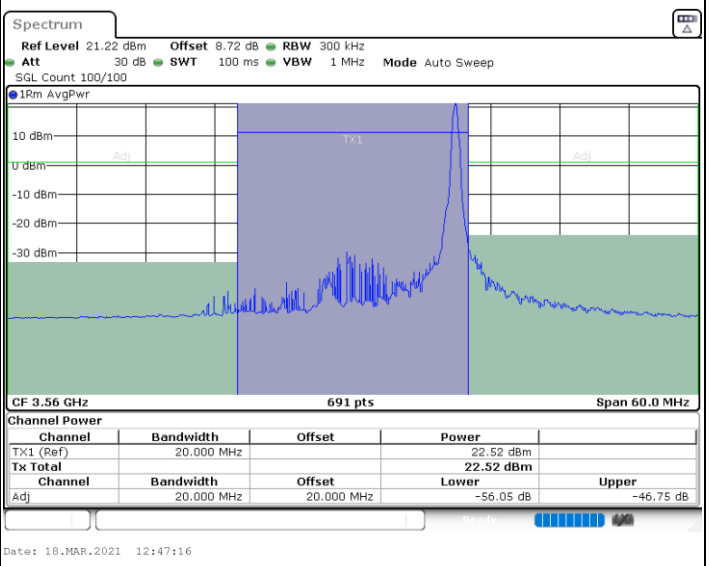
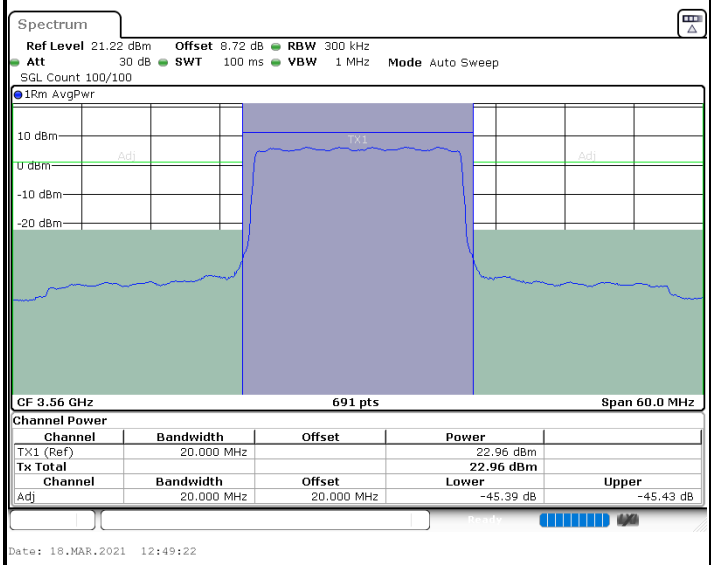


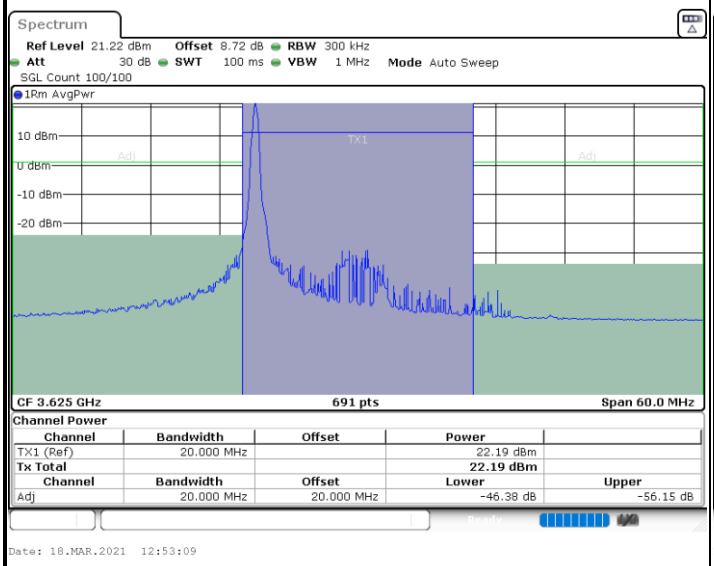
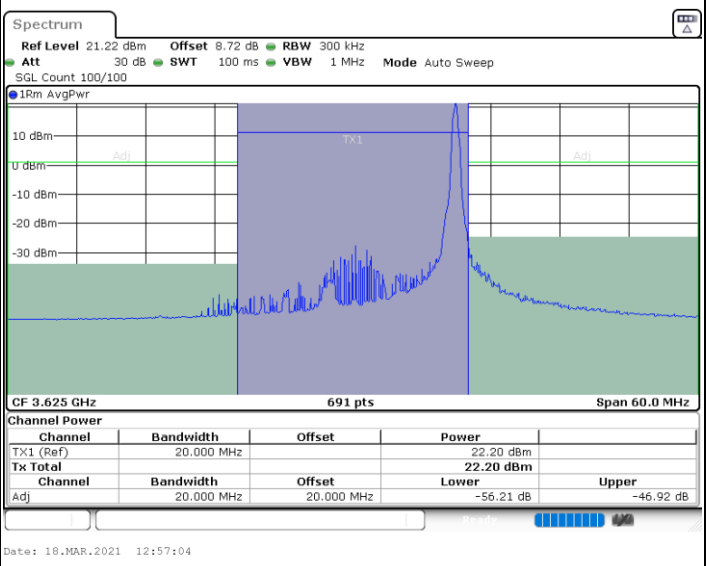
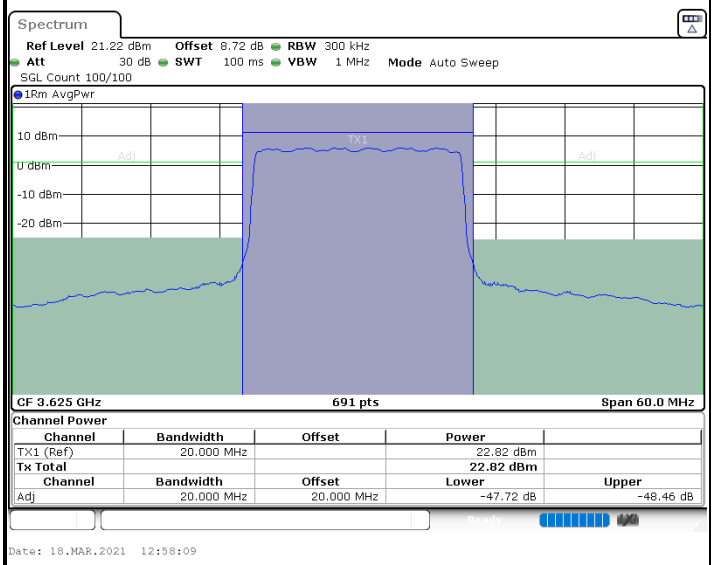
N/A

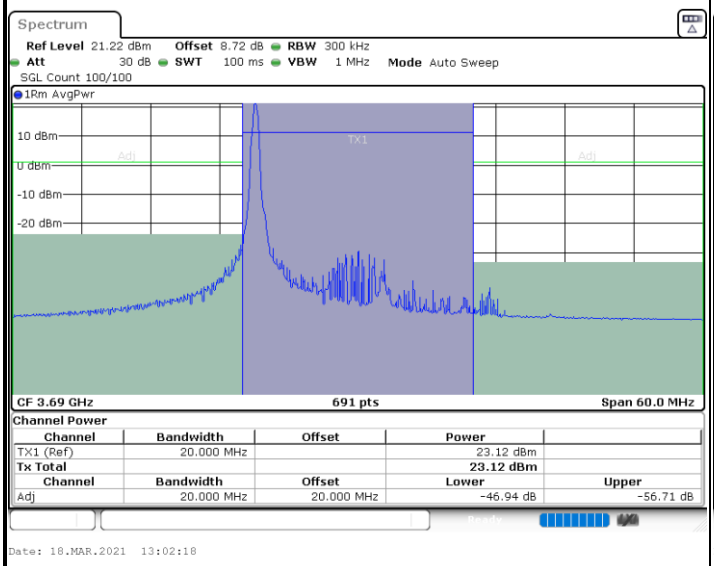
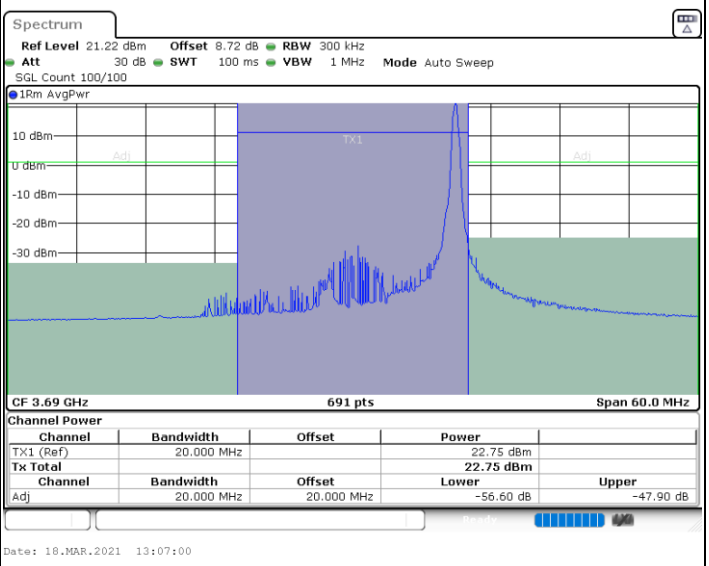
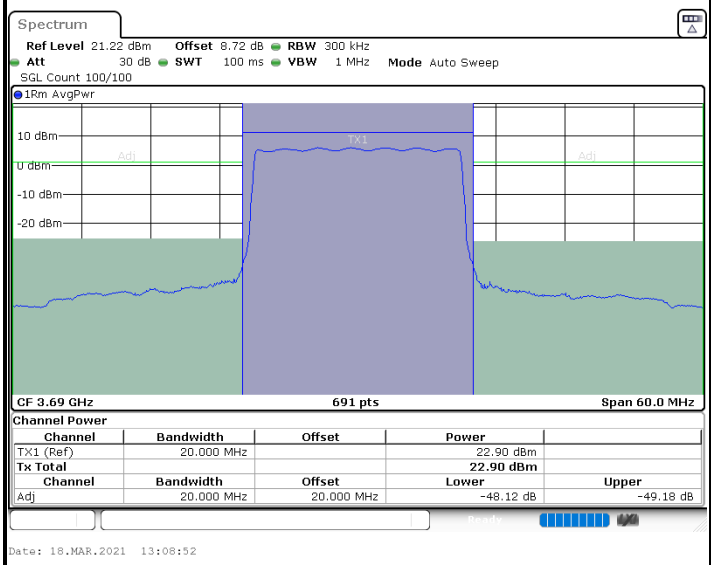
LTE Band 48 / 15MHz	
QPSK	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

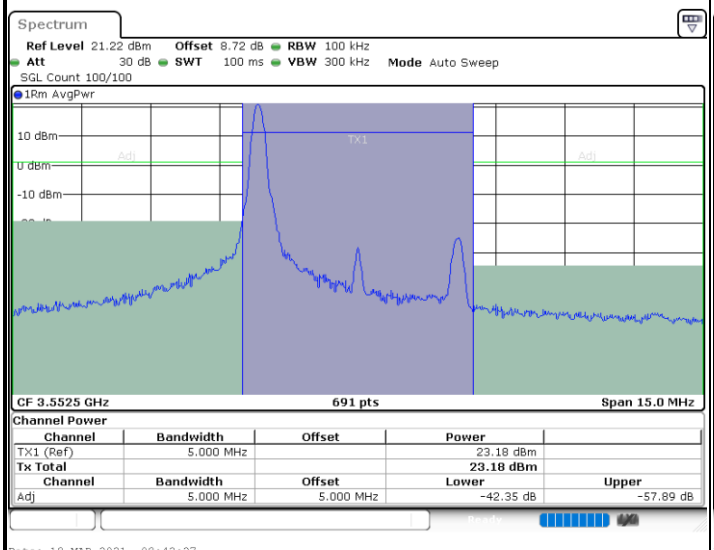
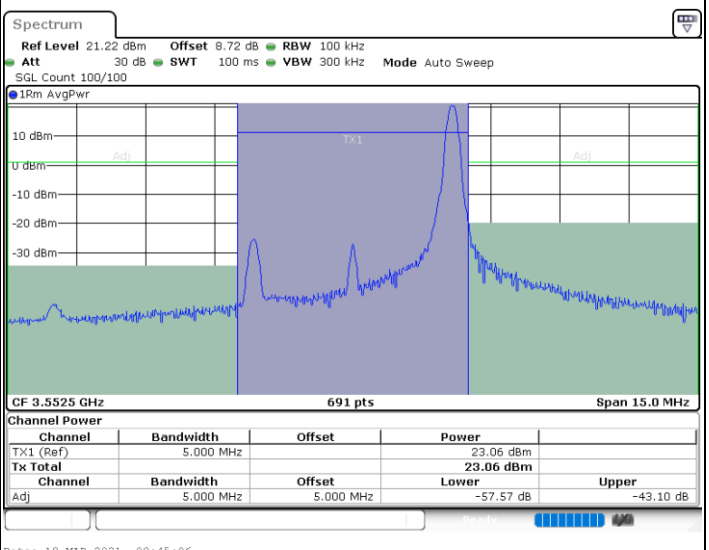
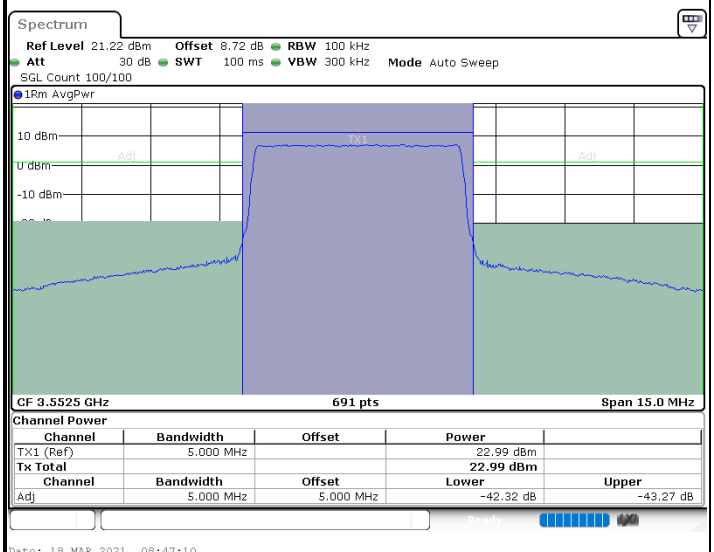
LTE Band 48 / 15MHz	
QPSK	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

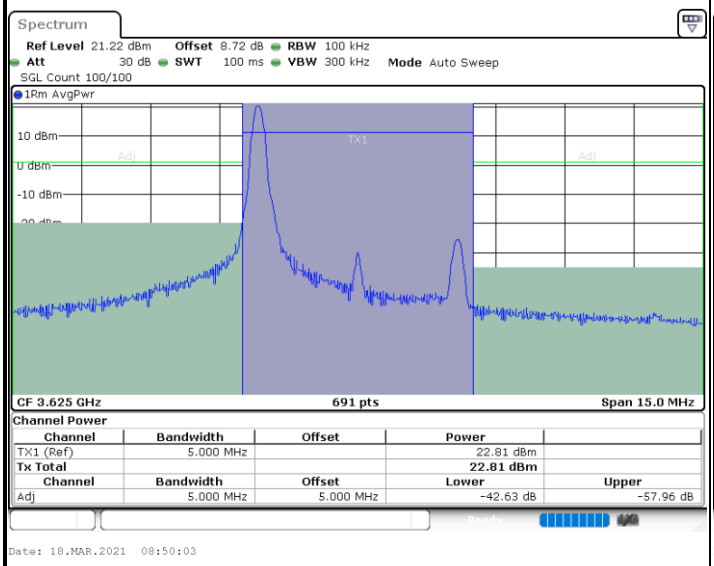
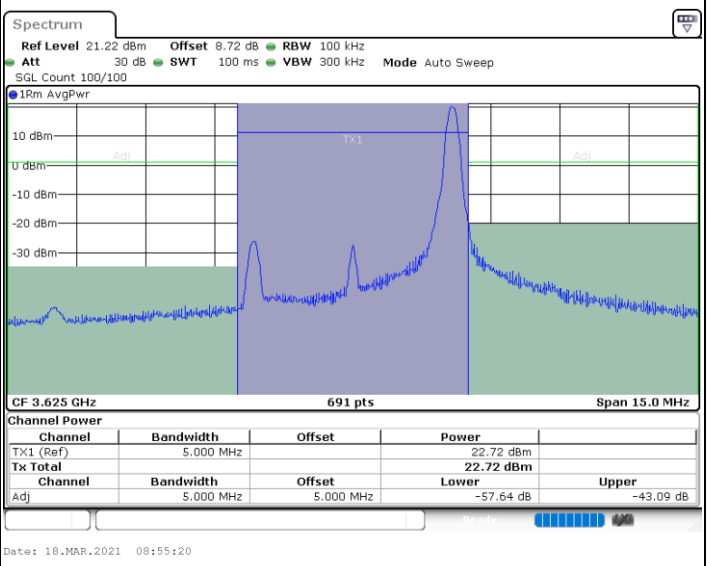
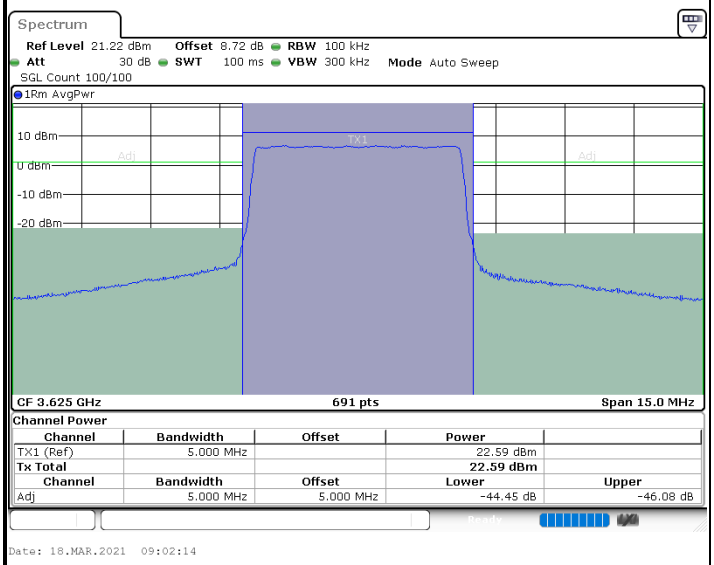
LTE Band 48 / 15MHz	
QPSK	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

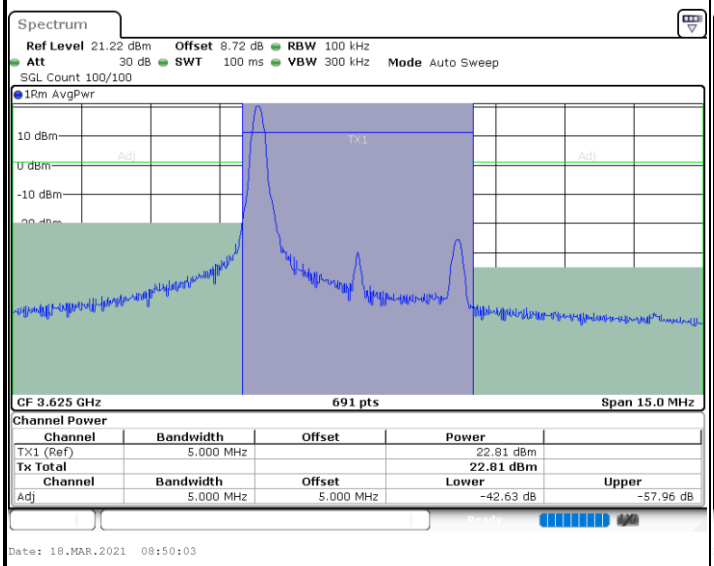
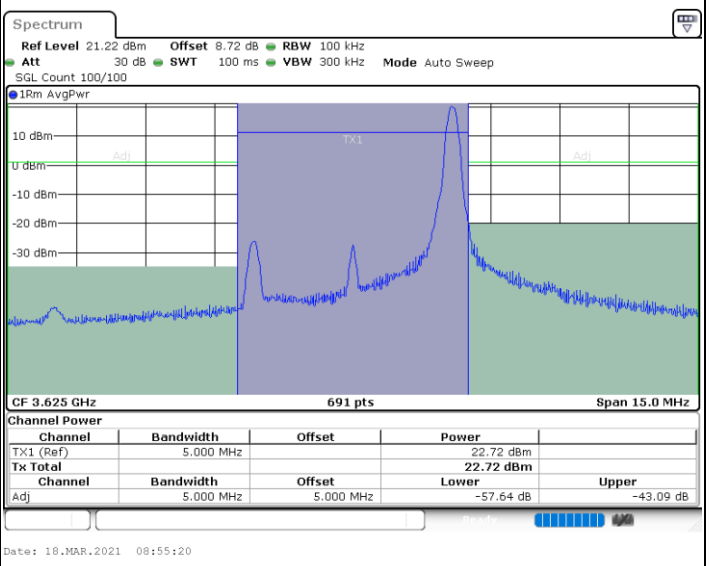
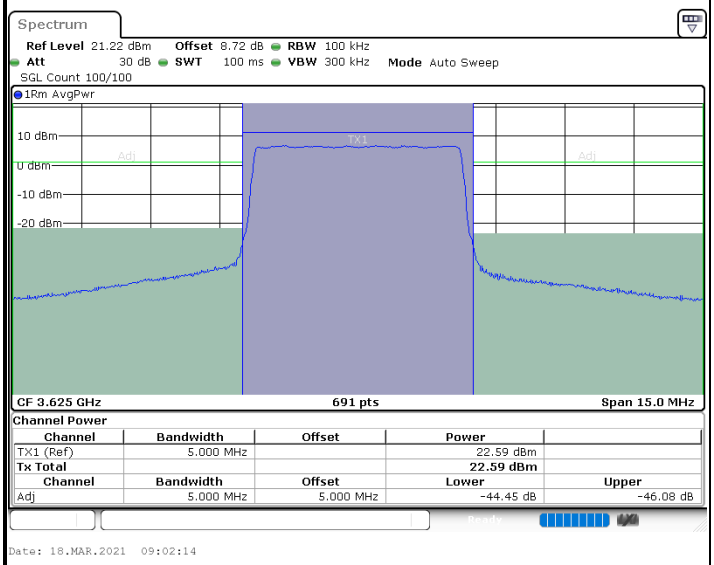
LTE Band 48 / 20MHz	
QPSK	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

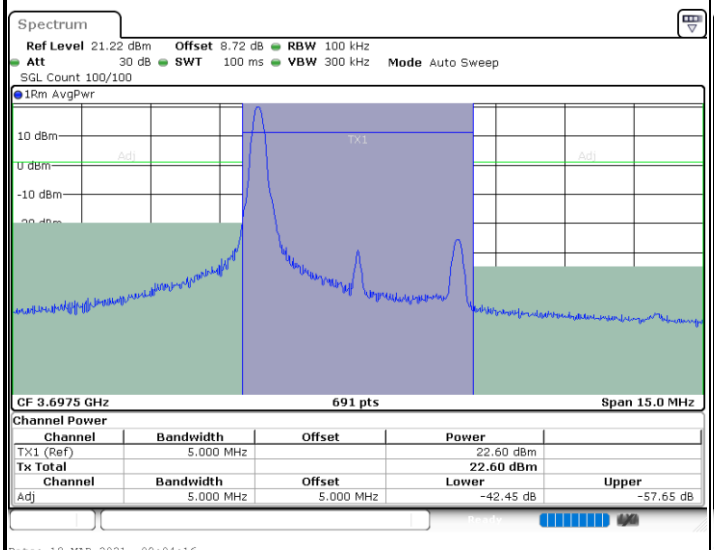
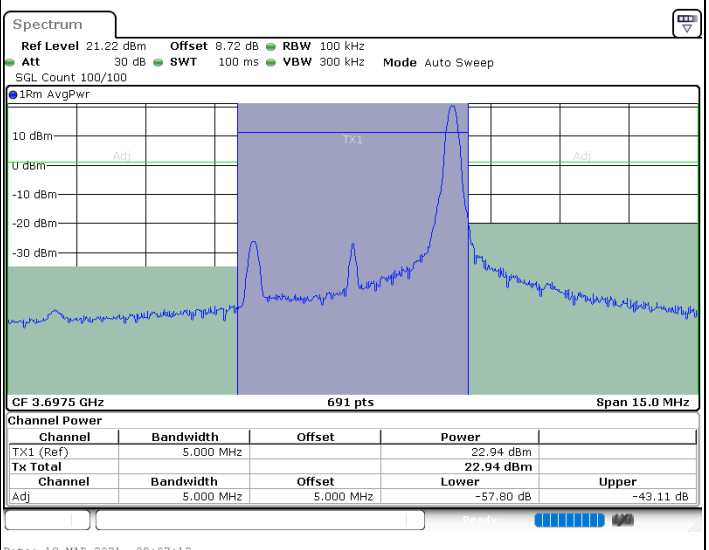
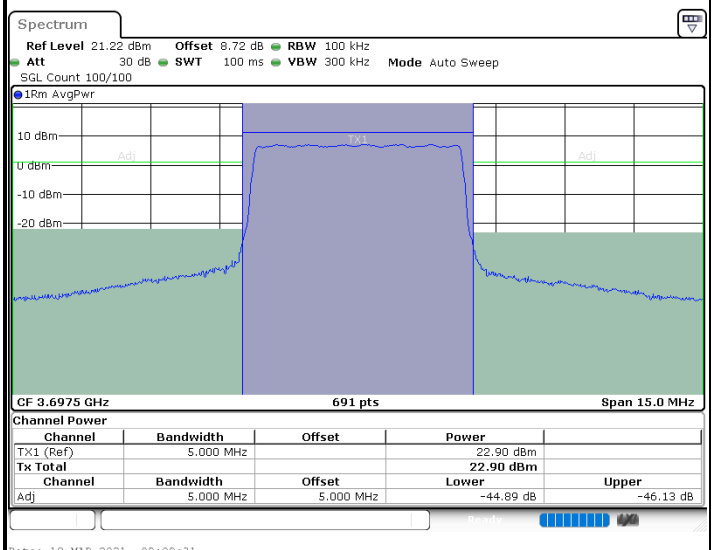
LTE Band 48 / 20MHz	
QPSK	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

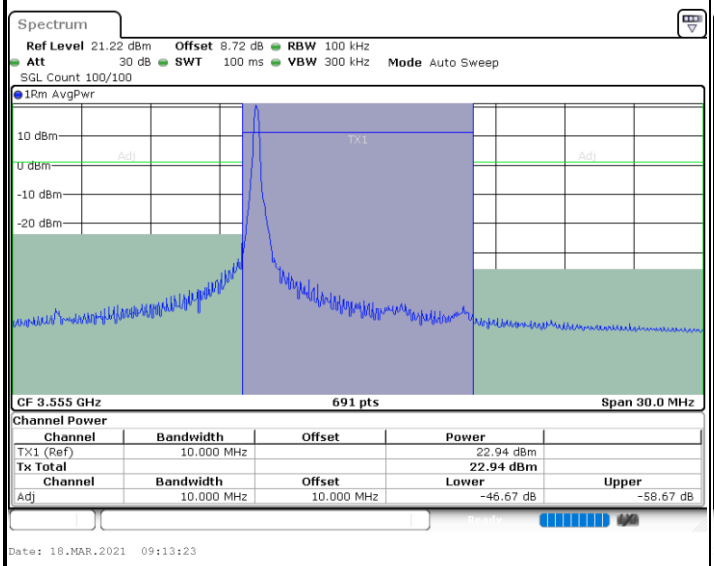
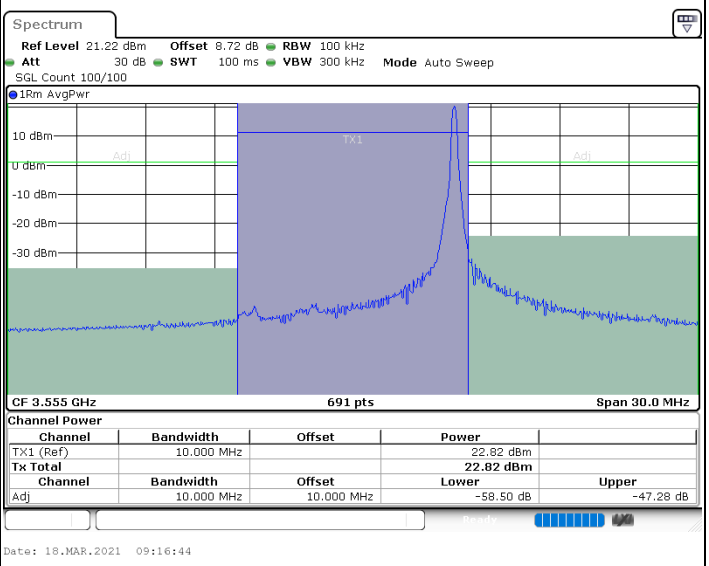
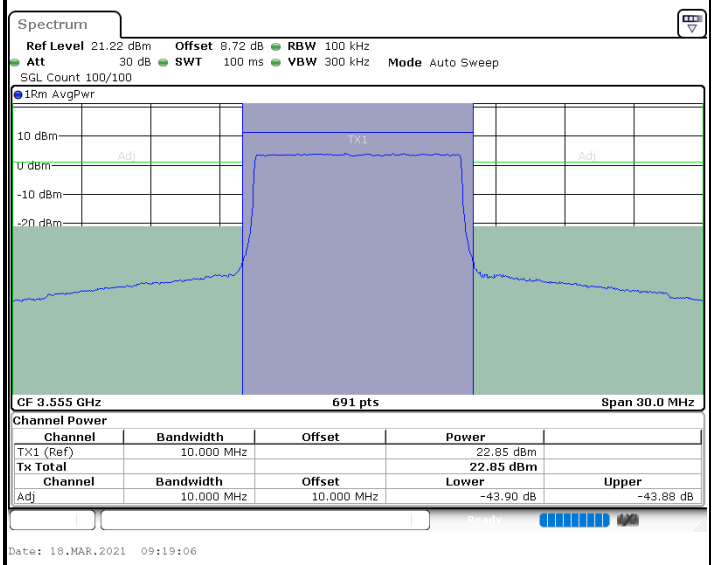
LTE Band 48 / 20MHz	
QPSK	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

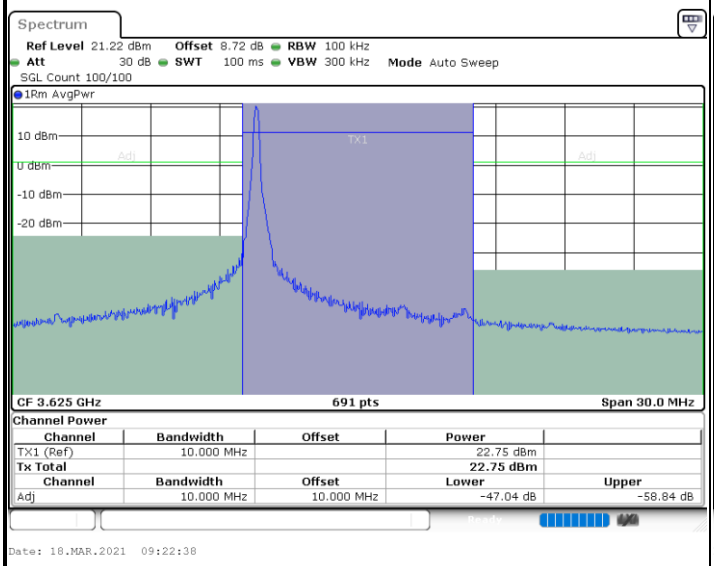
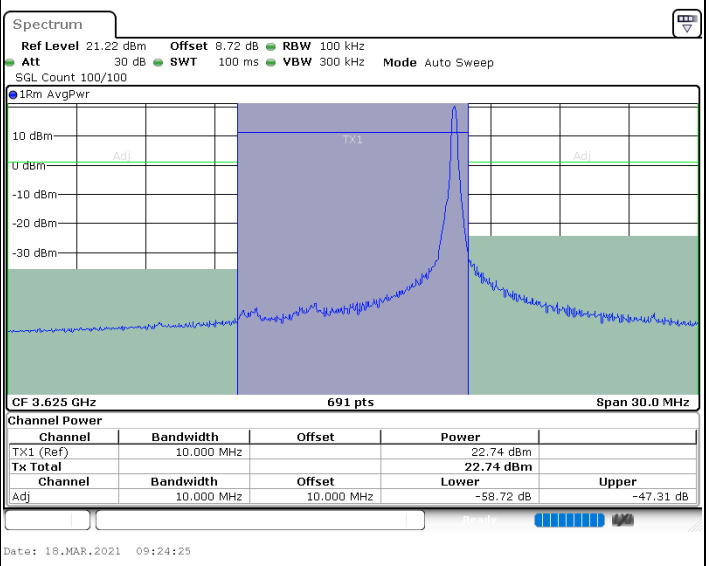
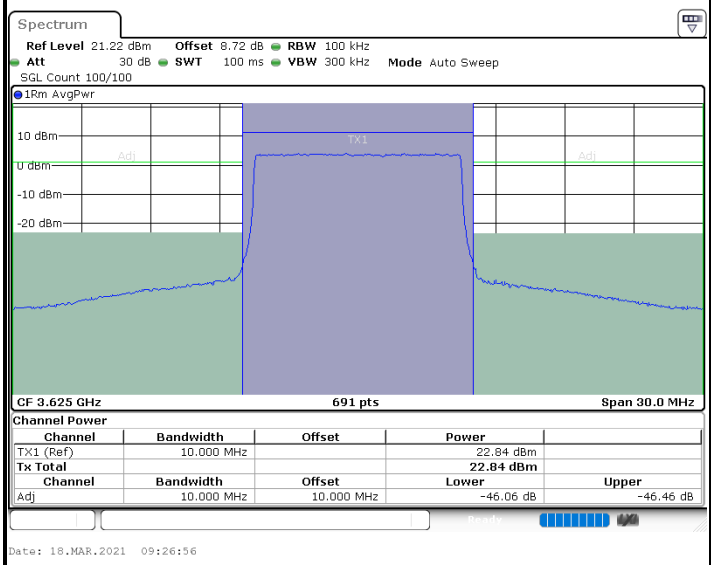
LTE Band 48 / 5MHz	
16QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

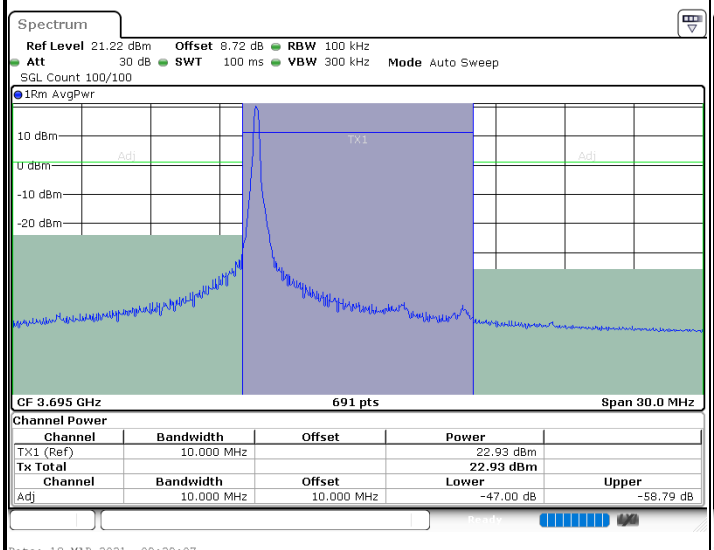
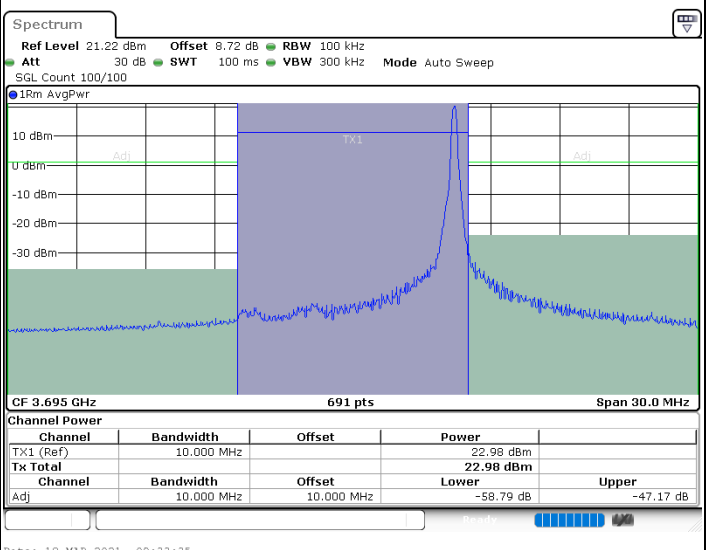
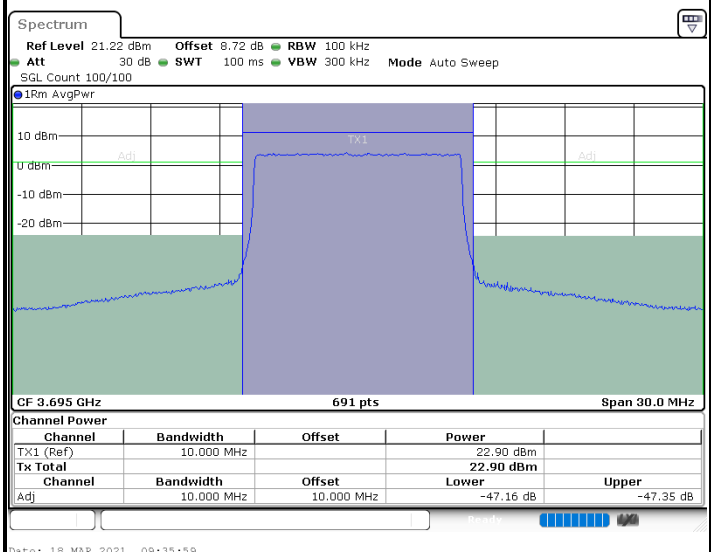
LTE Band 48 / 5MHz	
16QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

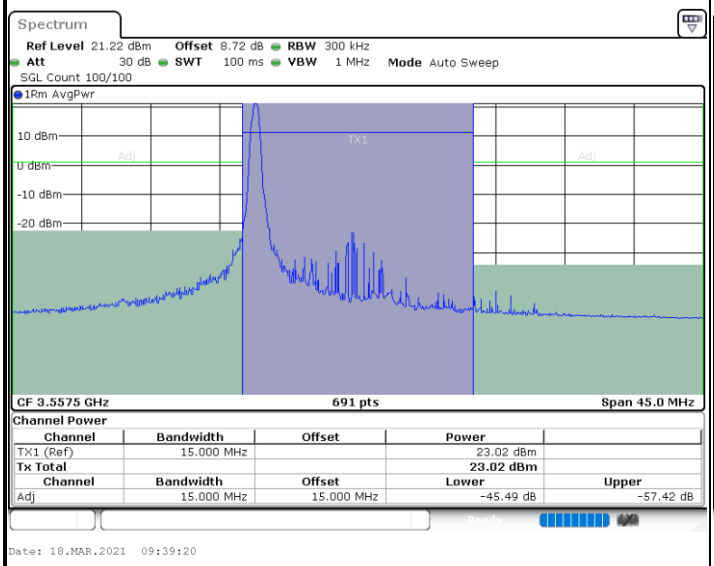
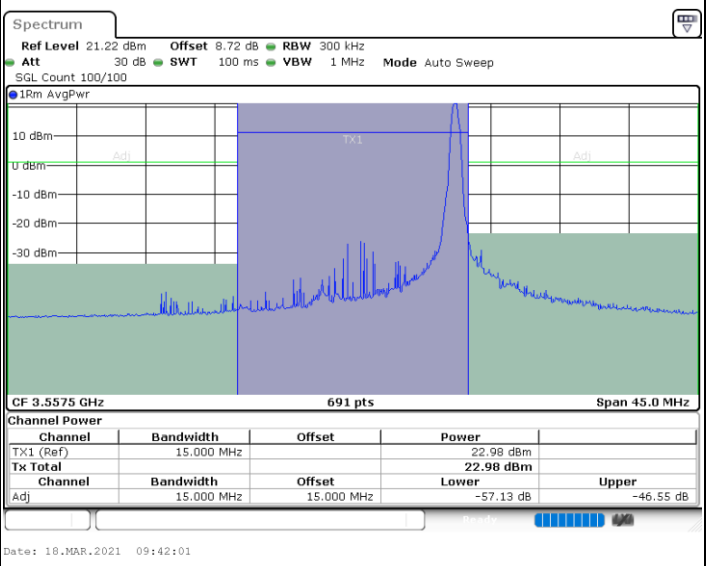
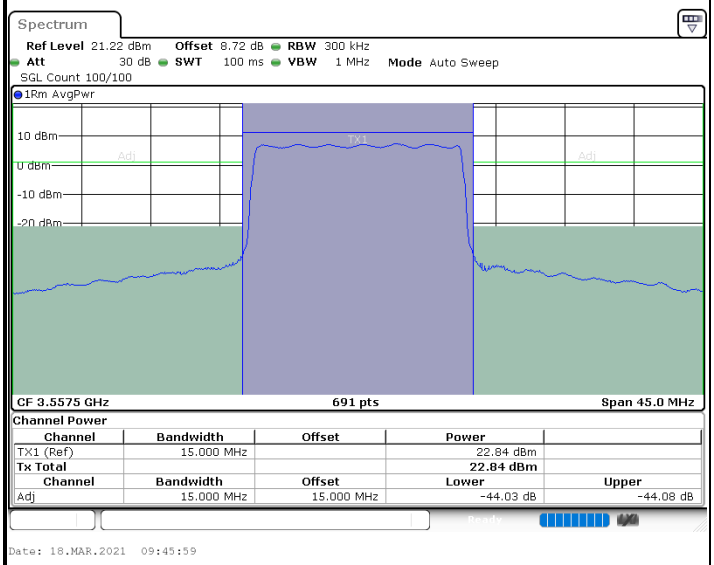
LTE Band 48 / 5MHz	
16QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

LTE Band 48 / 10MHz	
16QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

LTE Band 48 / 10MHz	
16QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

LTE Band 48 / 10MHz	
16QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

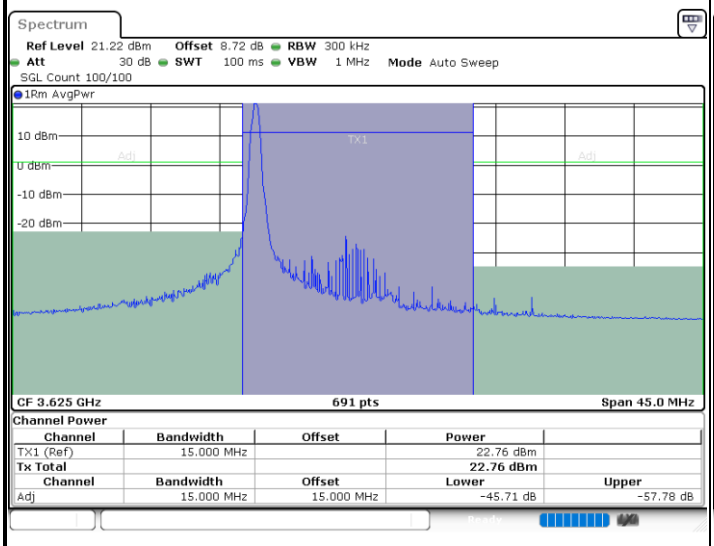
LTE Band 48 / 15MHz	
16QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

LTE Band 48 / 15MHz	
16QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

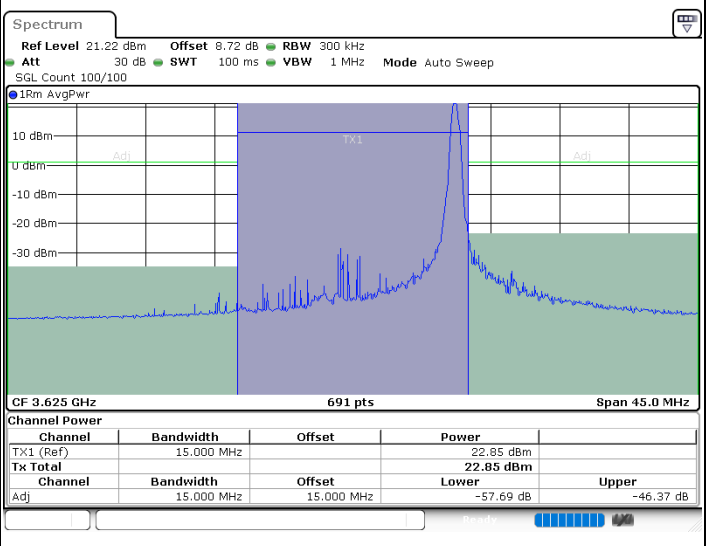
LTE Band 48 / 15MHz

16QAM

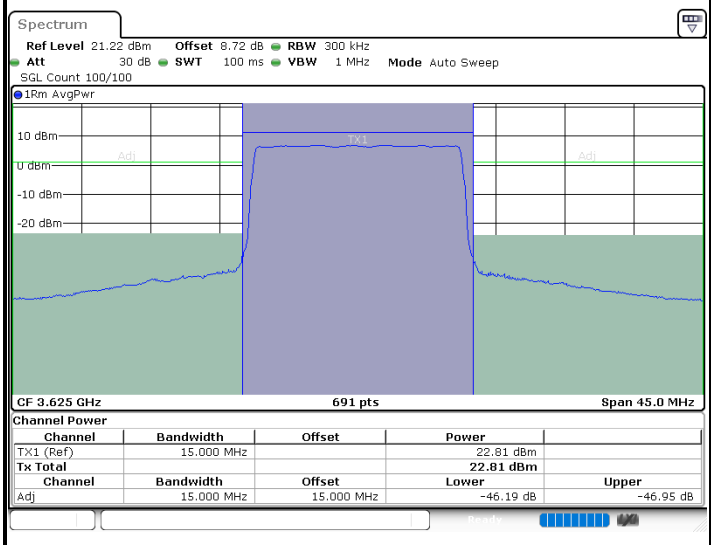
Highest Channel / 1RB0



Highest Channel / 1RBmax



Highest Channel / Full RB

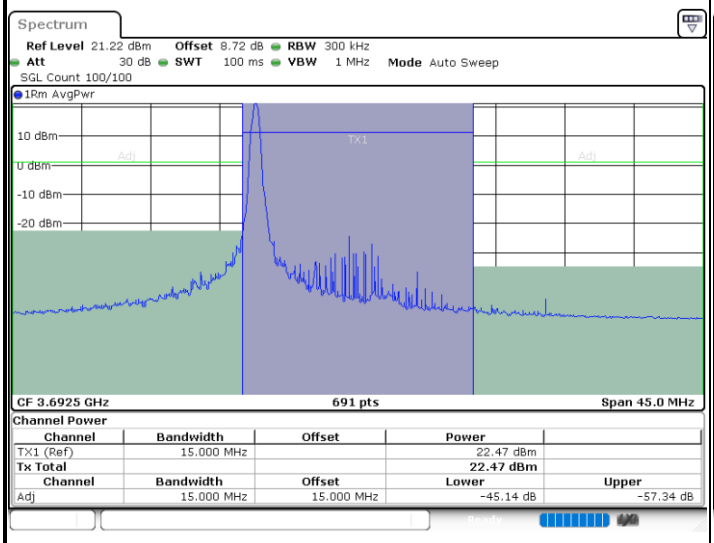


N/A

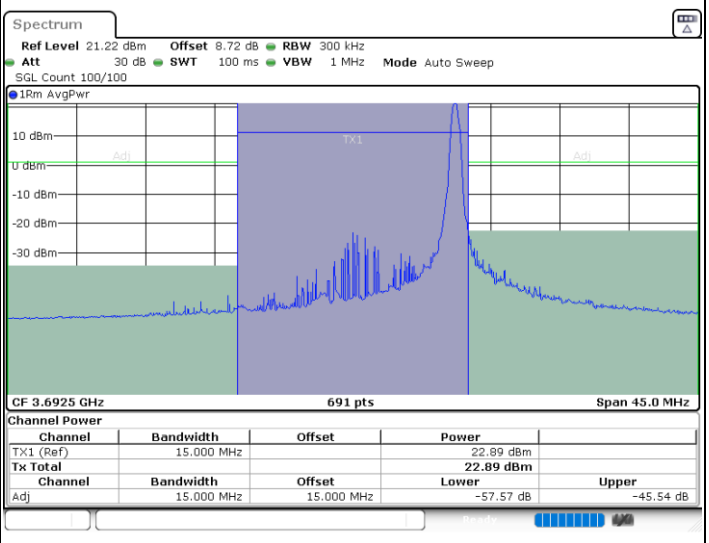
LTE Band 48 / 20MHz

16QAM

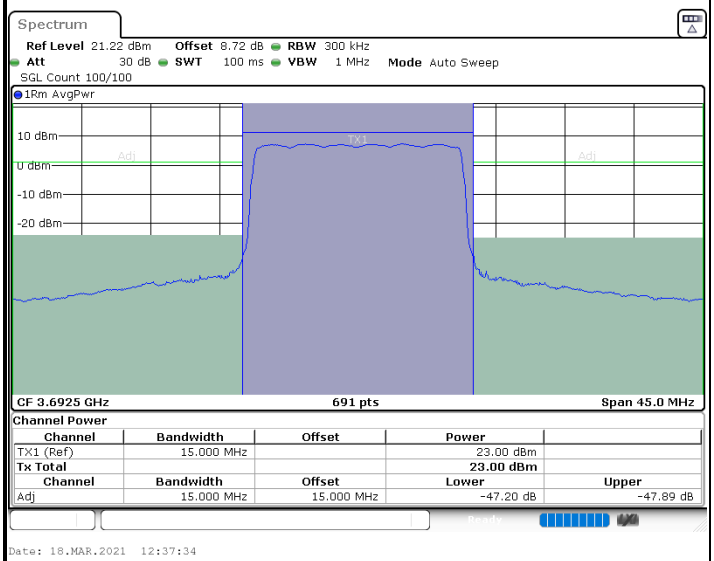
Lowest Channel / 1RB0



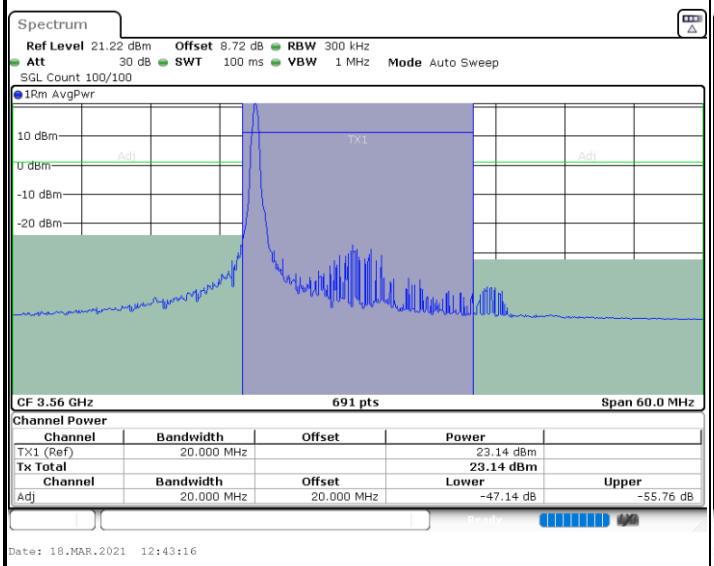
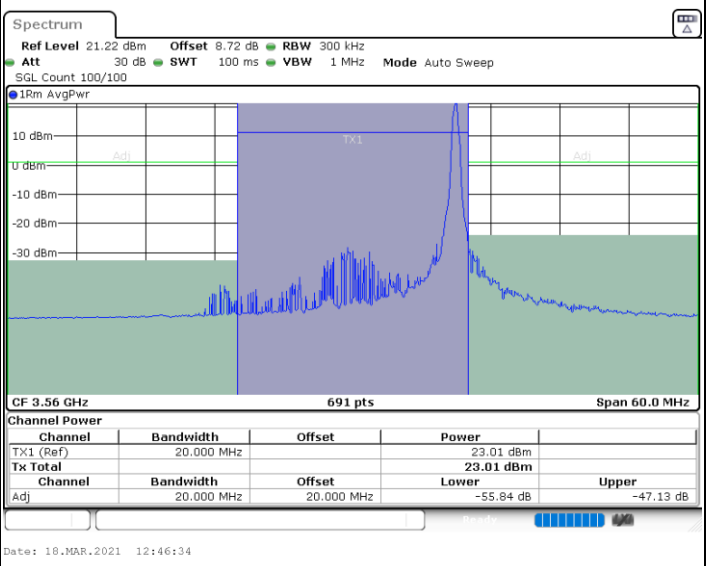
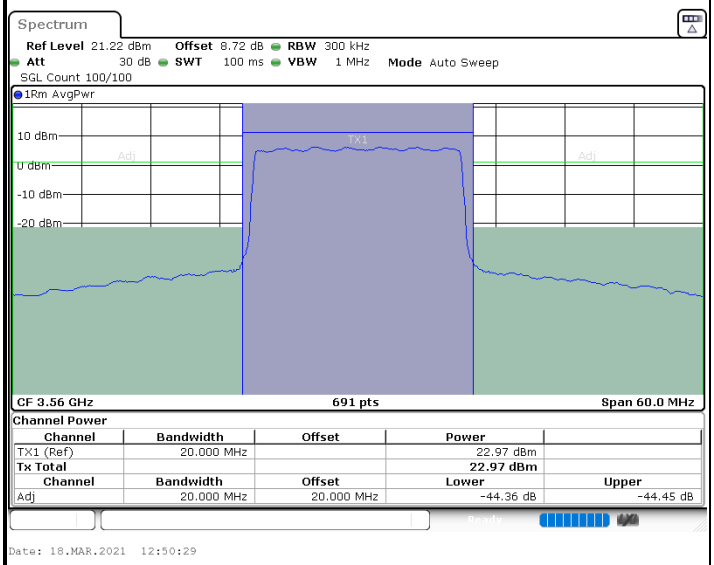
Lowest Channel / 1RBmax

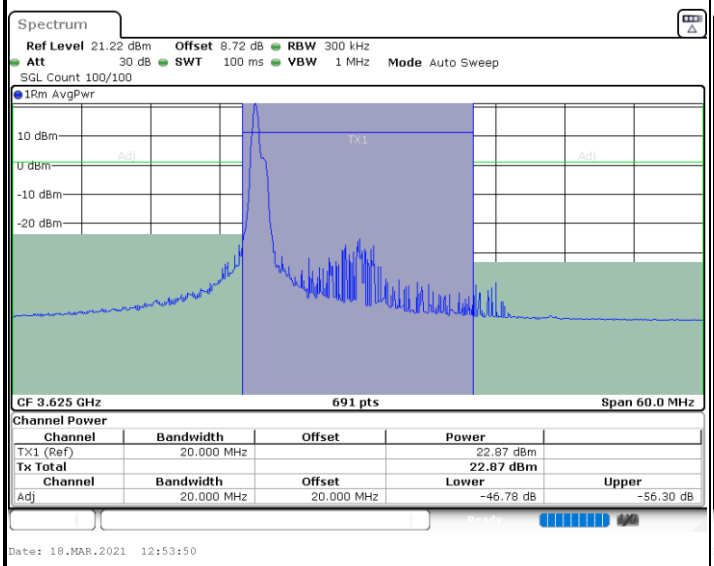
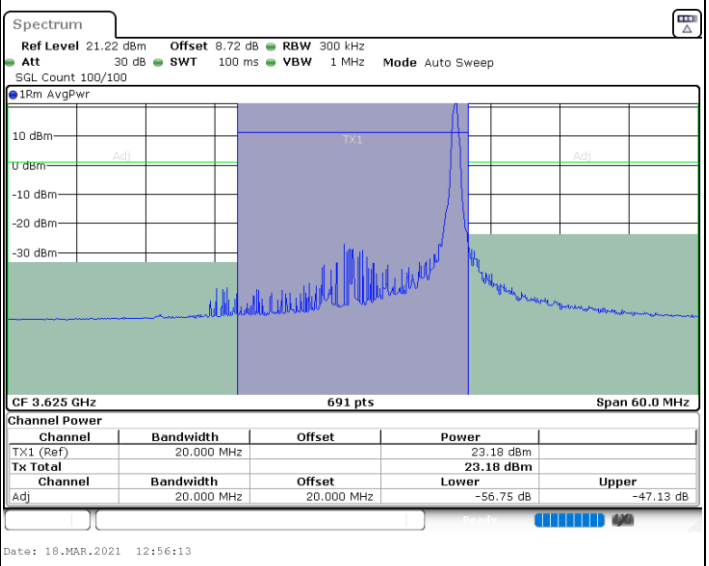
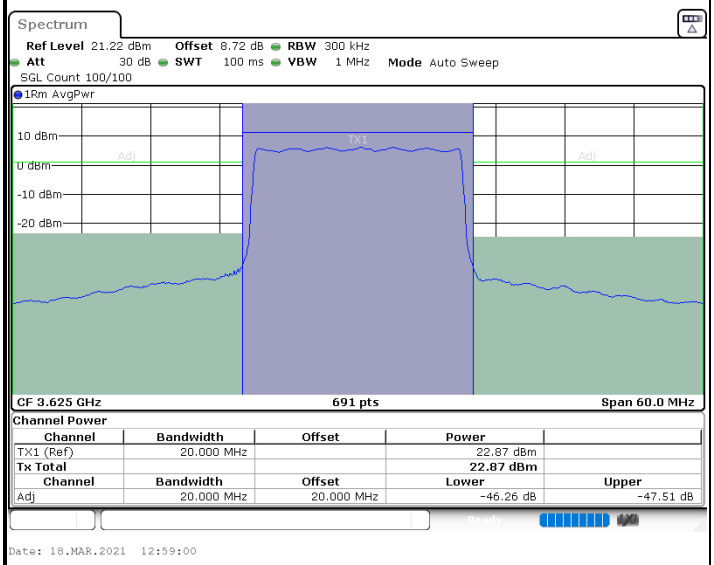


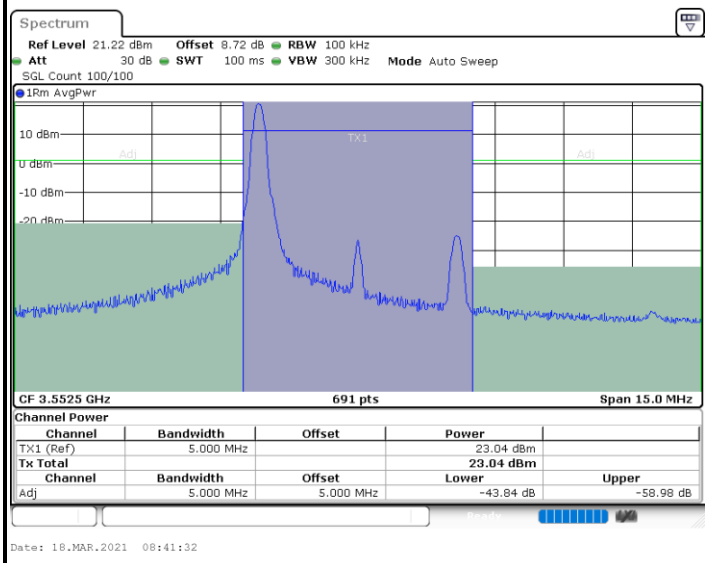
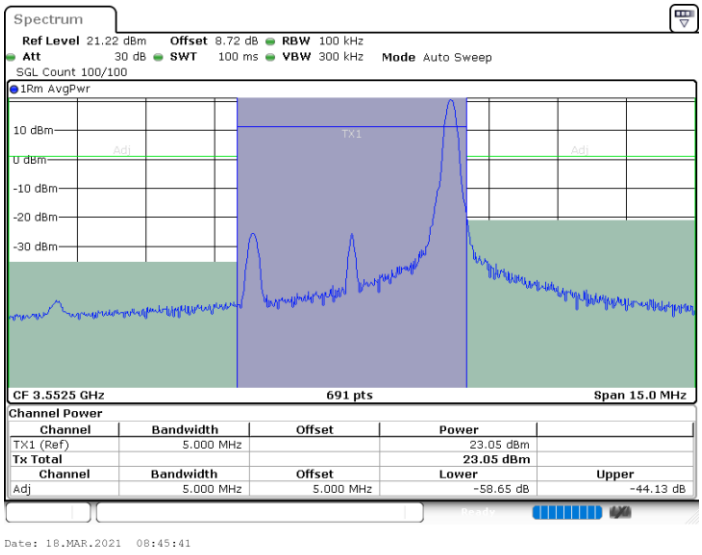
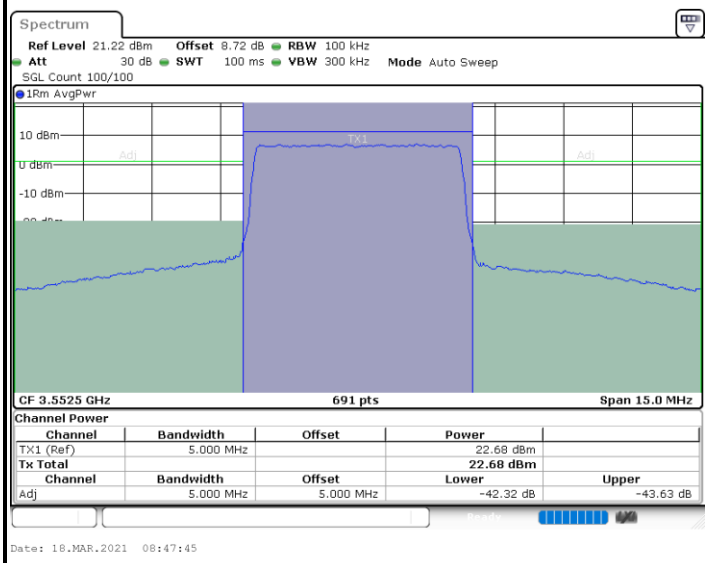
Lowest Channel / Full RB

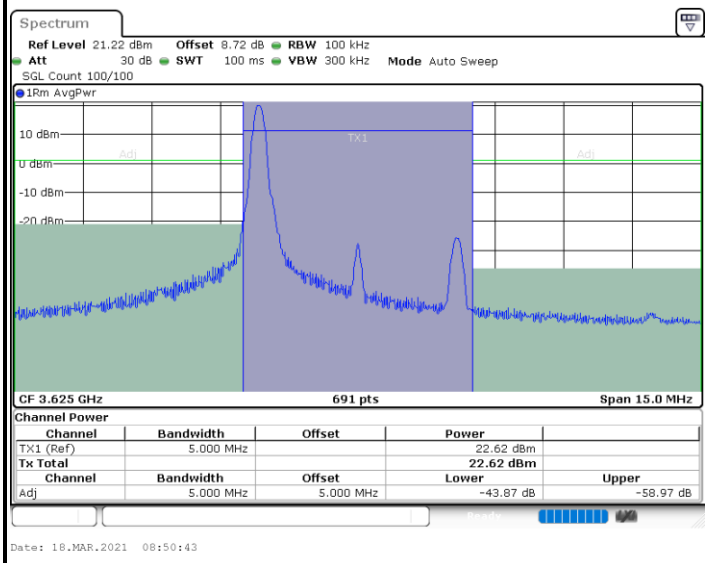
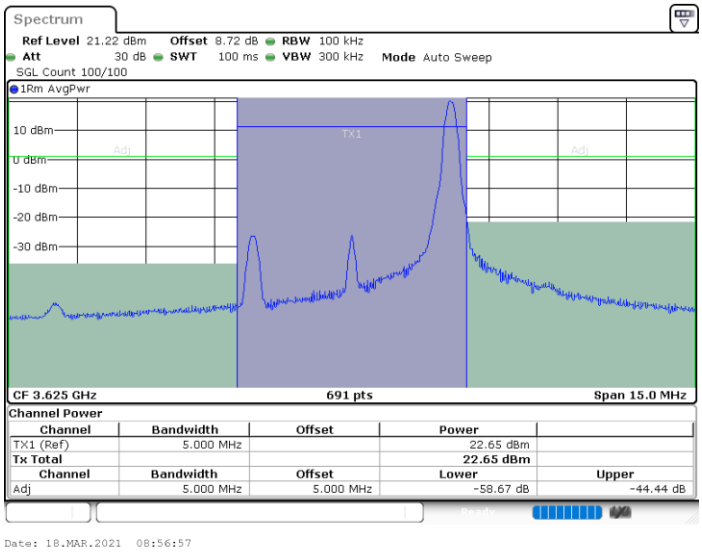
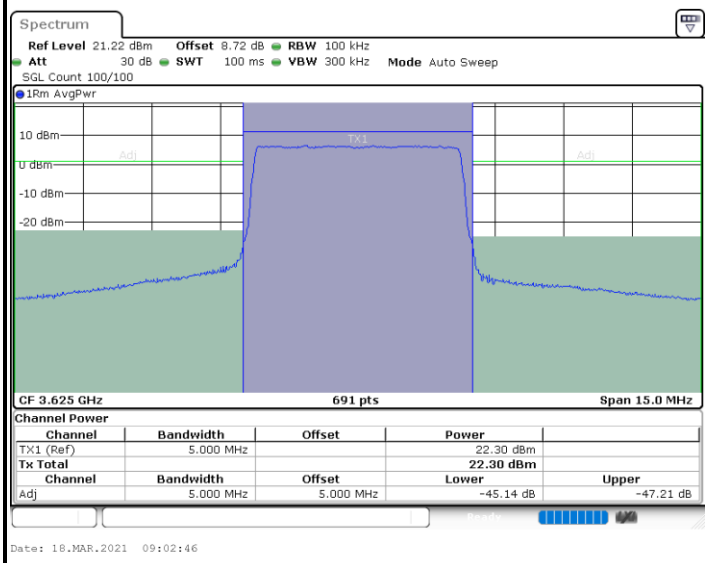


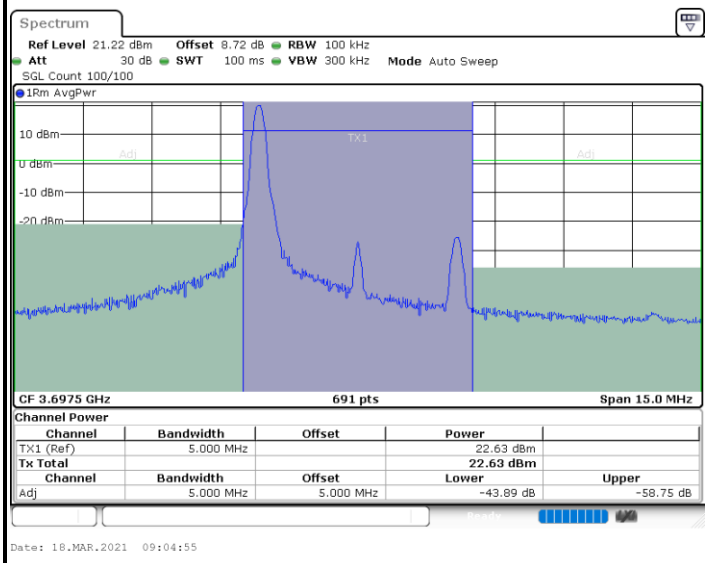
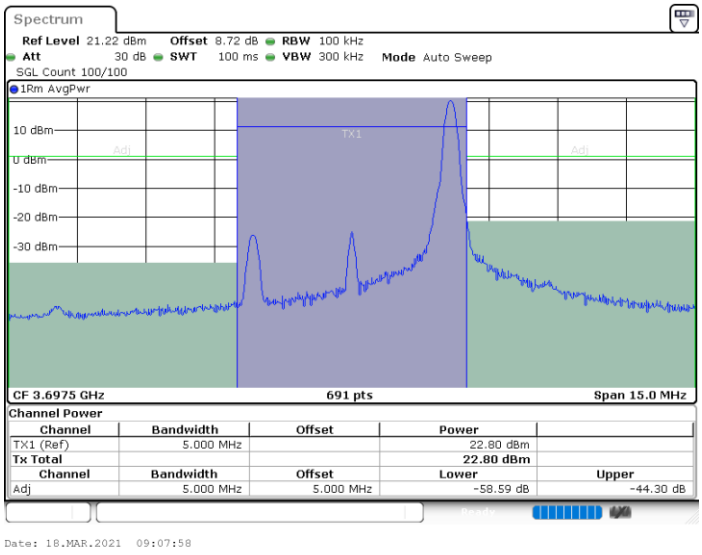
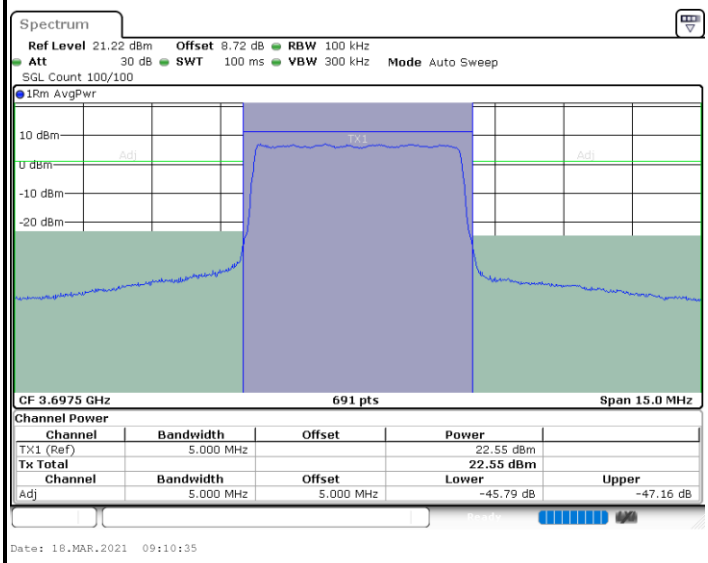
N/A

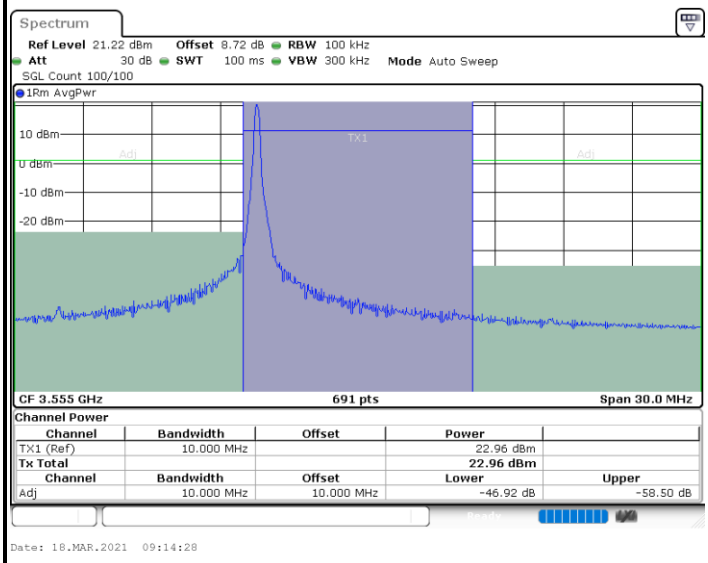
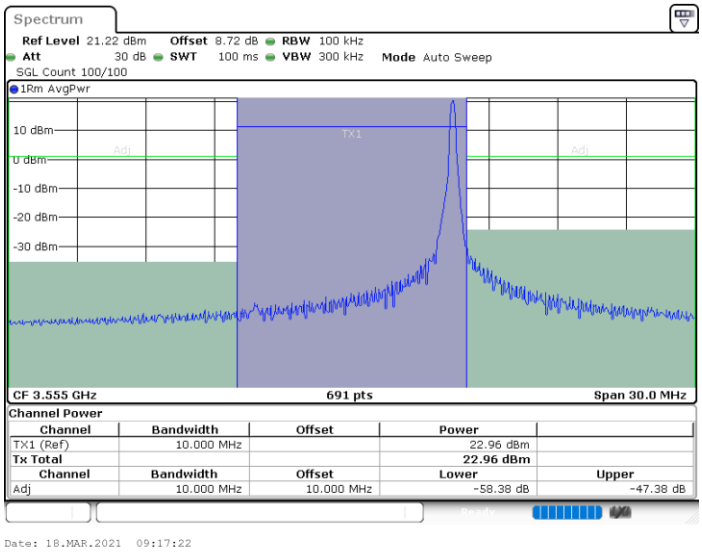
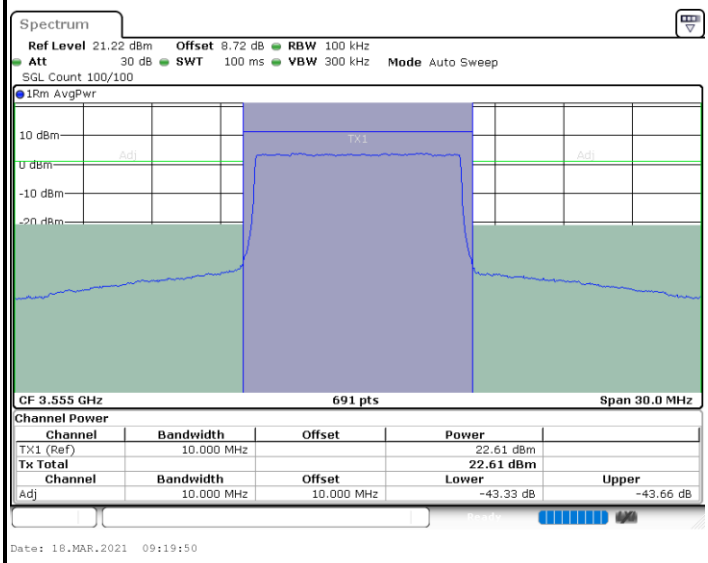
LTE Band 48 / 20MHz	
16QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

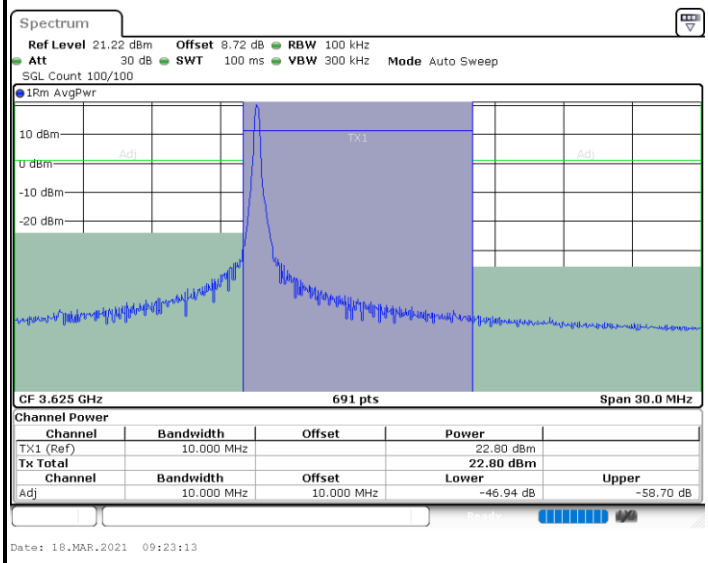
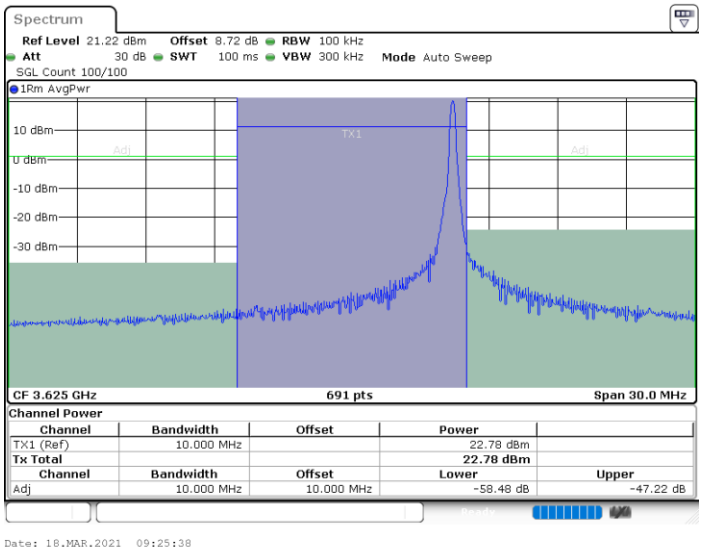
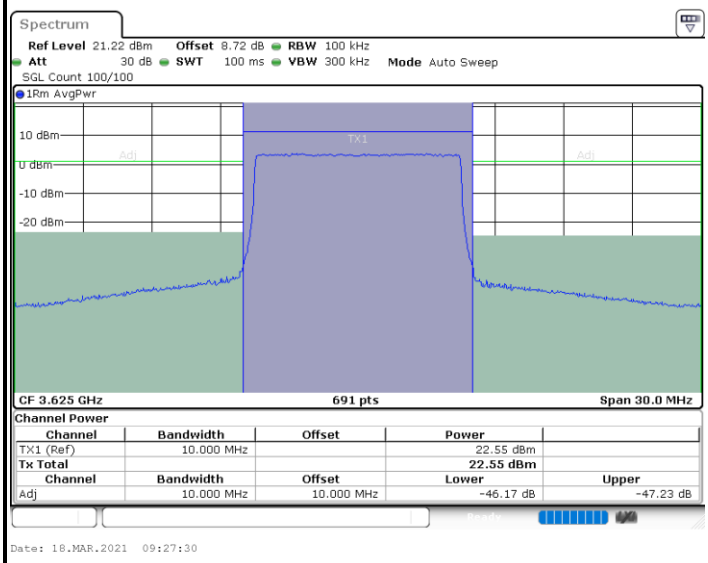
LTE Band 48 / 20MHz	
16QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

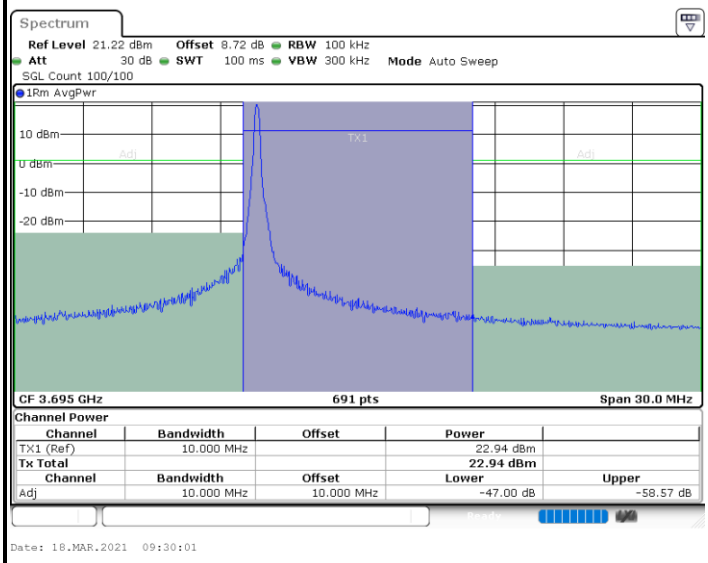
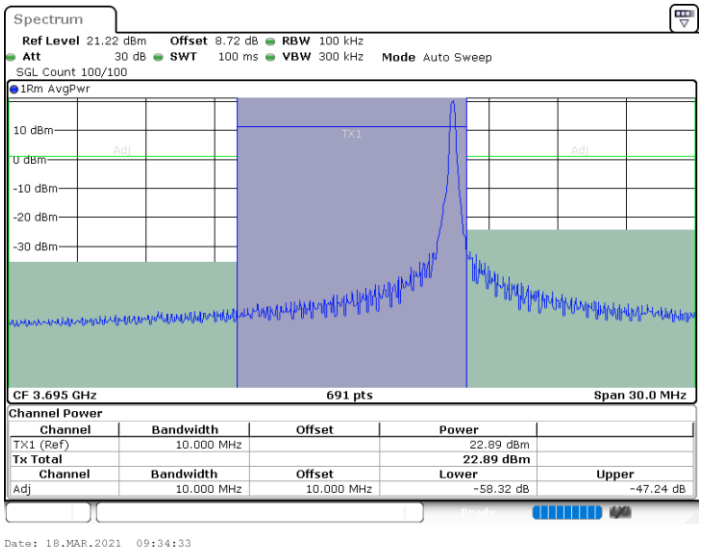
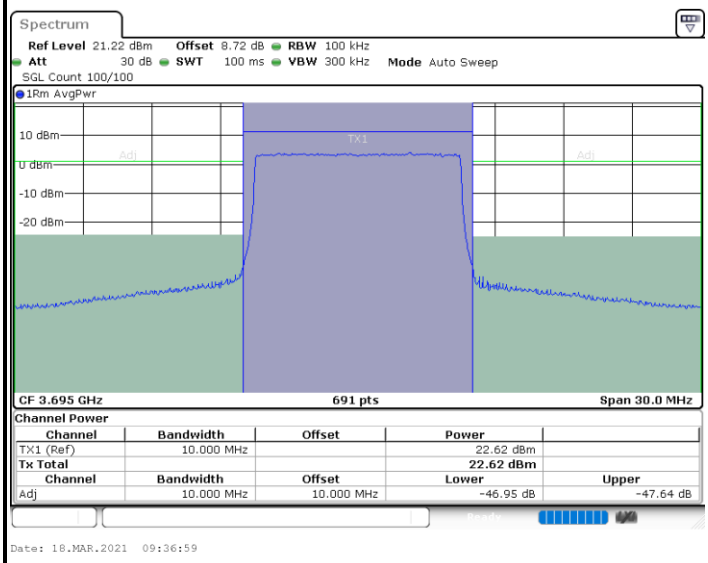
LTE Band 48 / 5MHz	
64QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

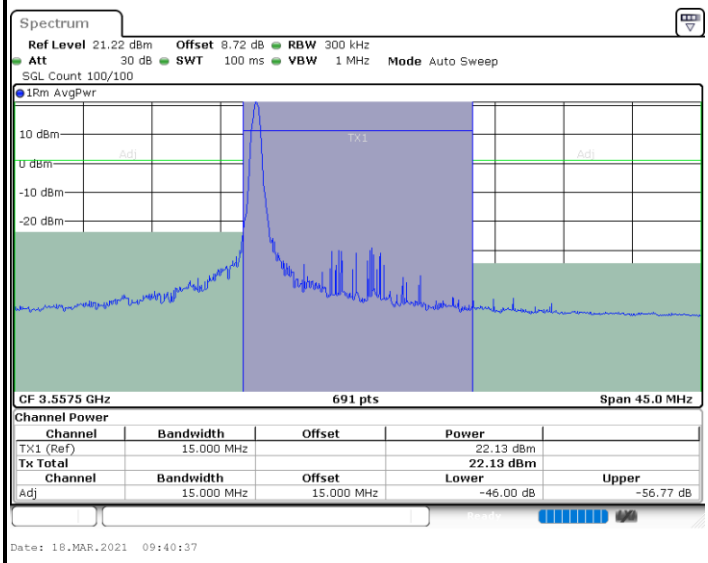
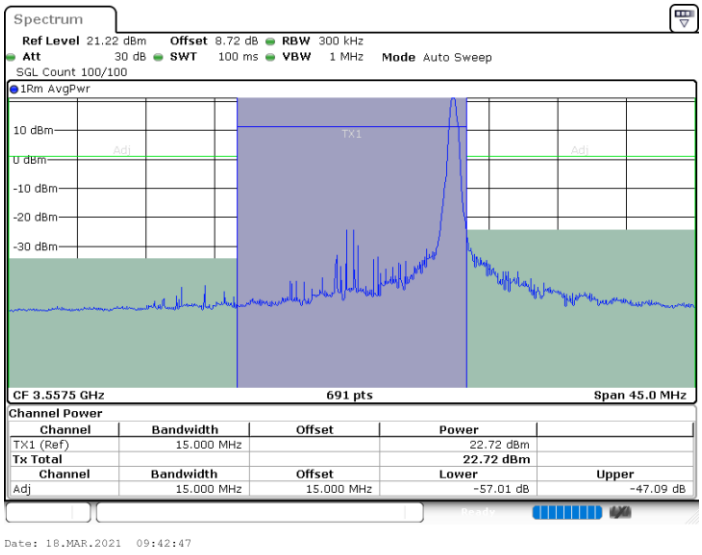
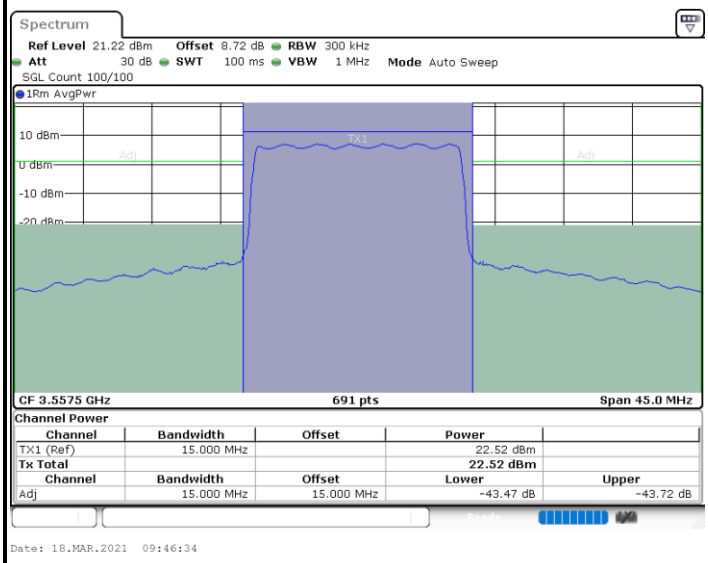
LTE Band 48 / 5MHz	
64QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

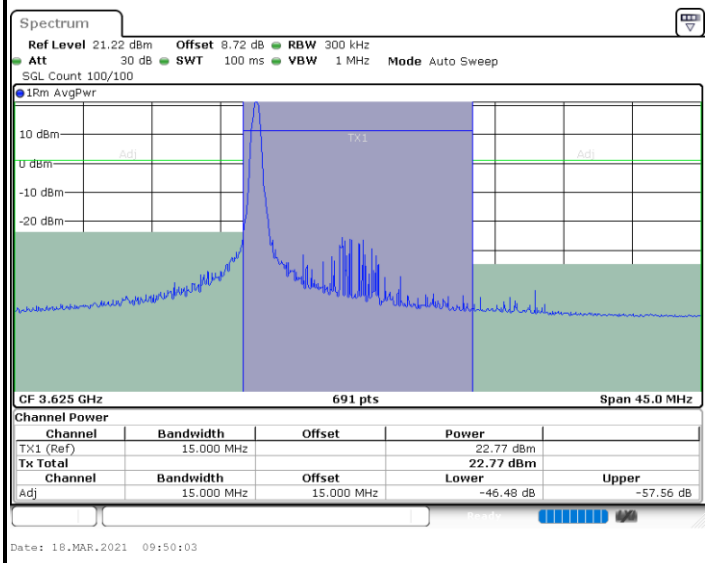
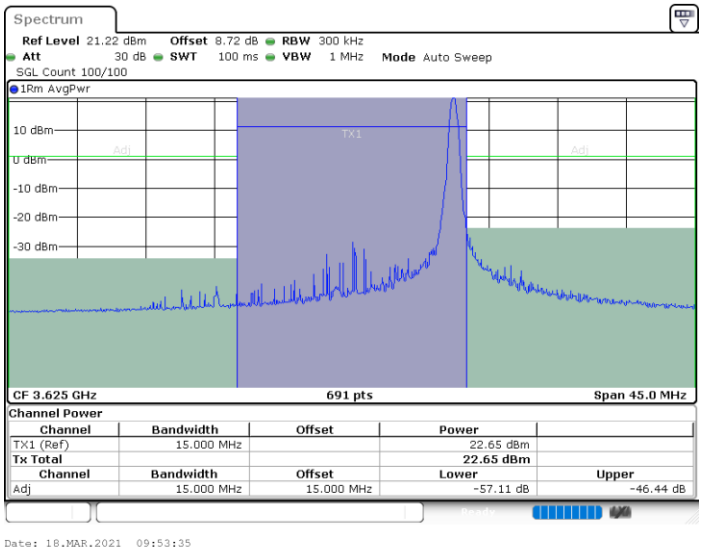
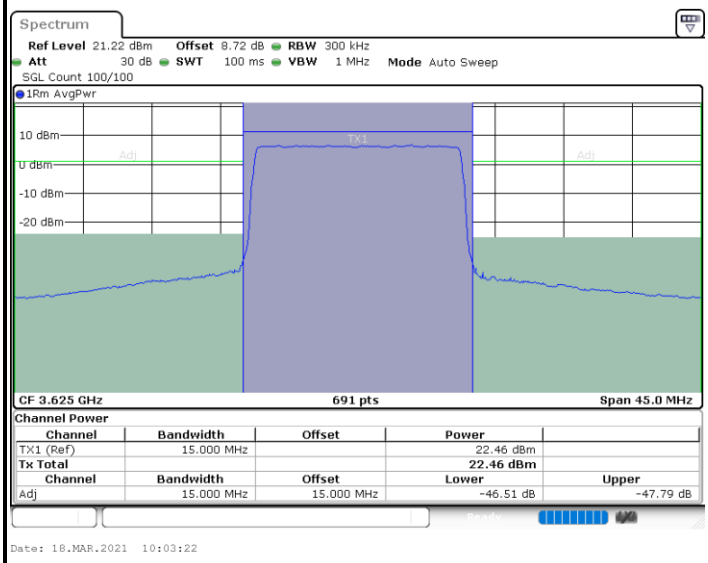
LTE Band 48 / 5MHz	
64QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

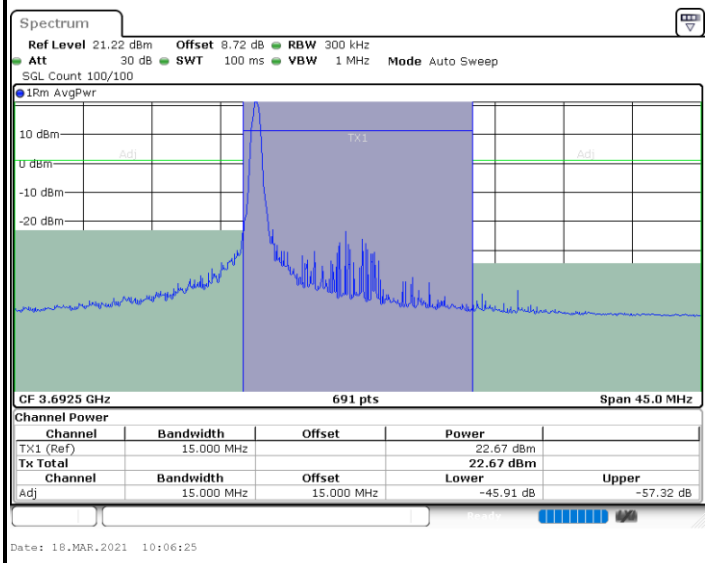
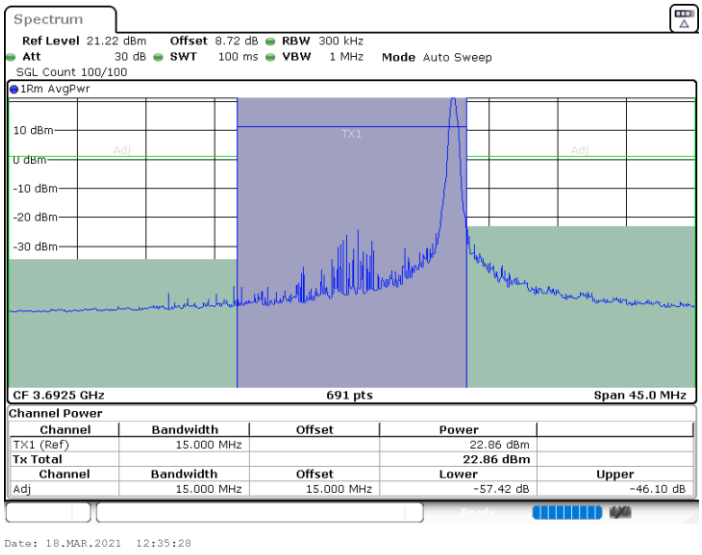
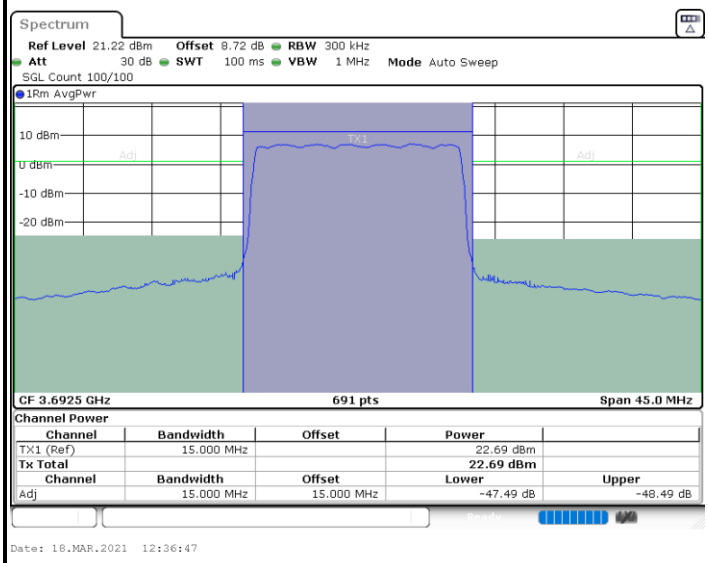
LTE Band 48 / 10MHz	
64QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

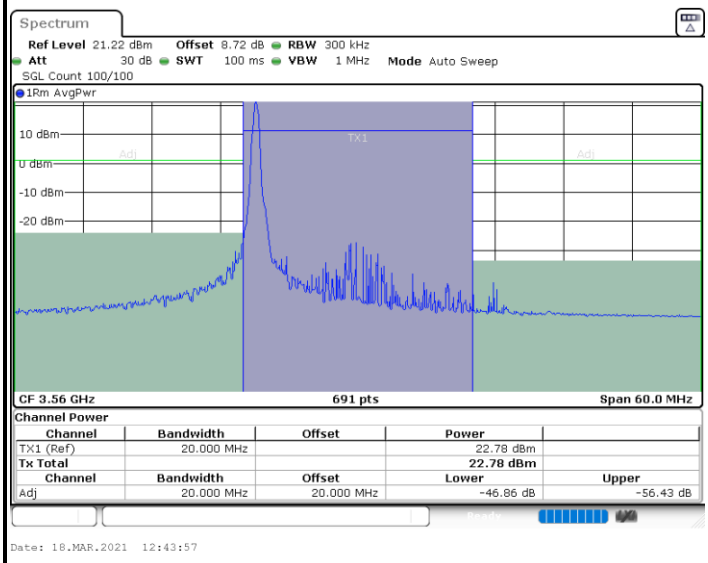
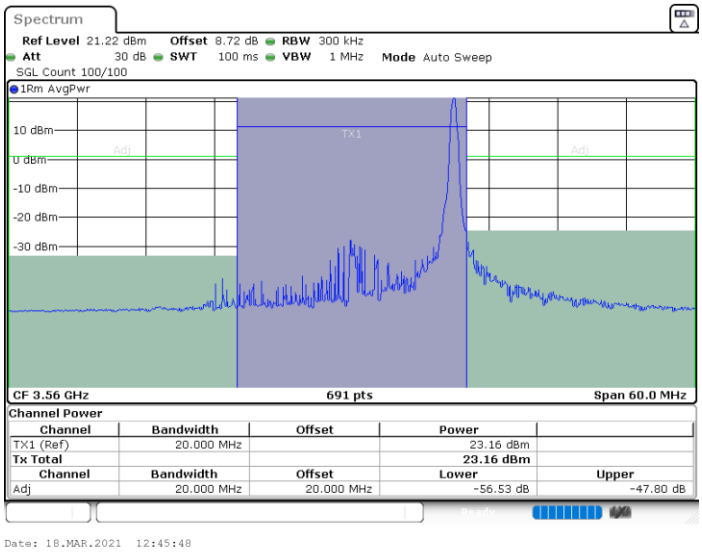
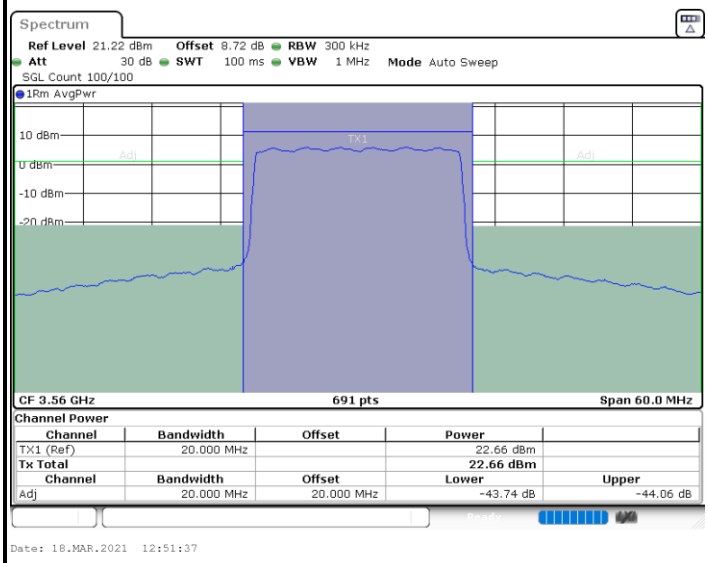
LTE Band 48 / 10MHz	
64QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

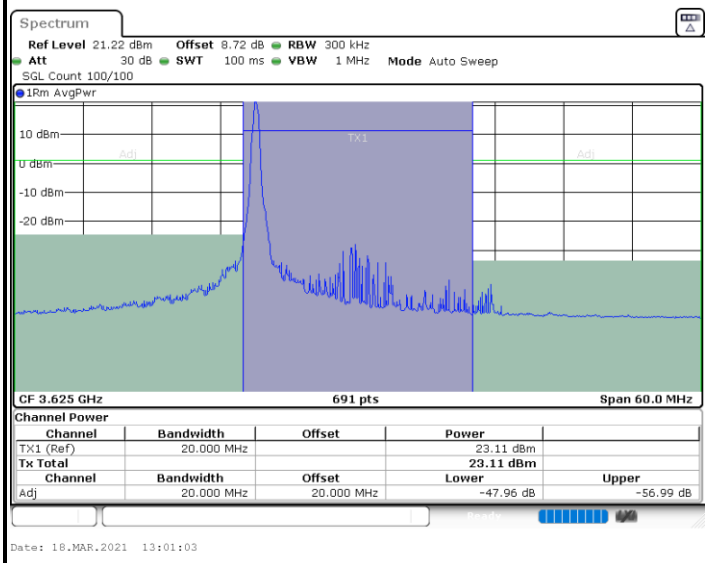
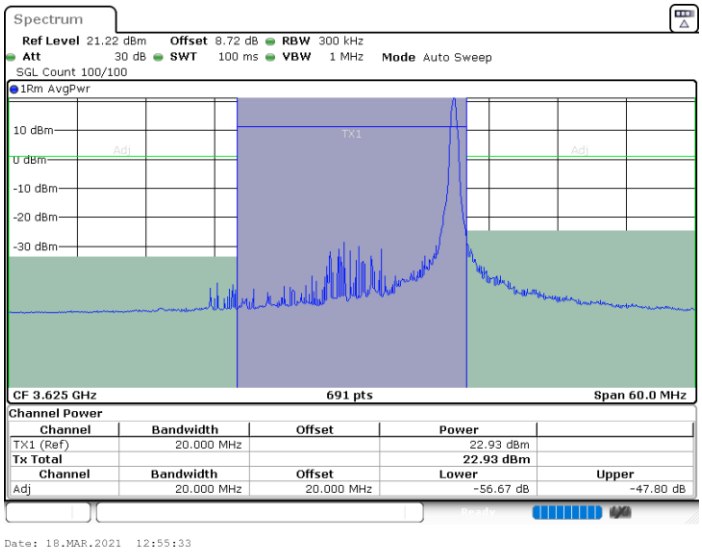
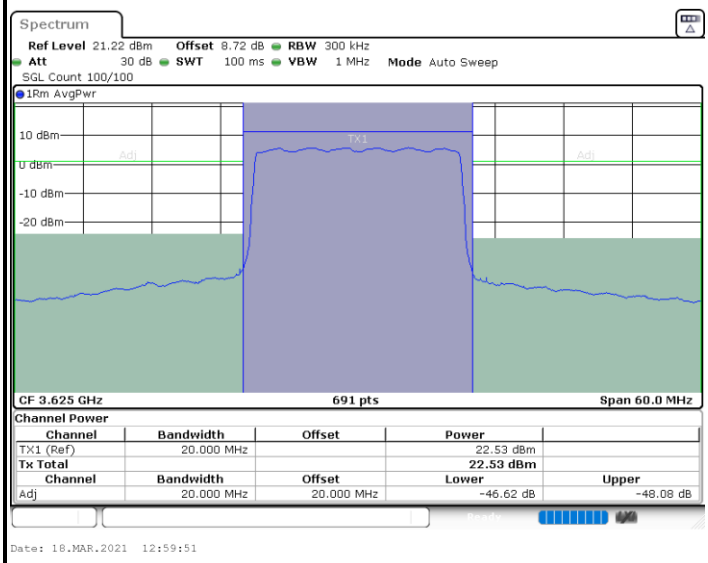
LTE Band 48 / 10MHz	
64QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

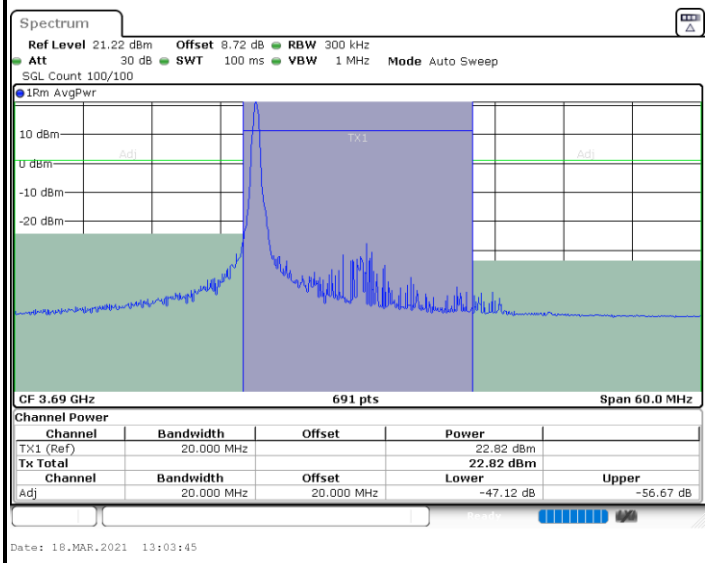
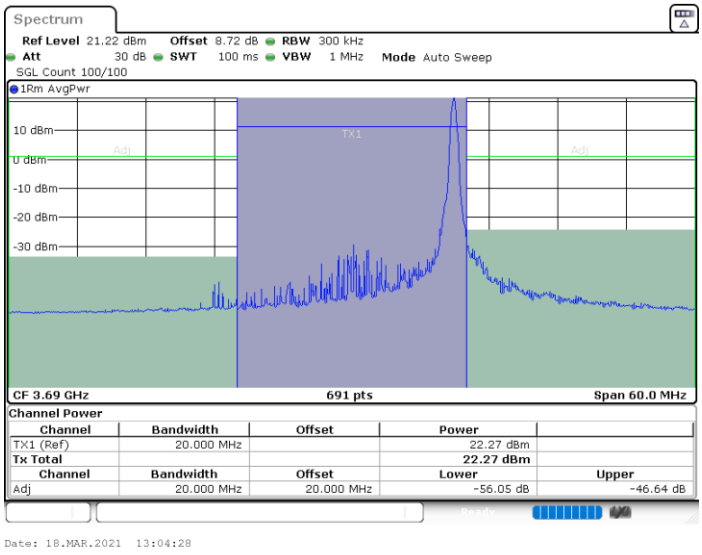
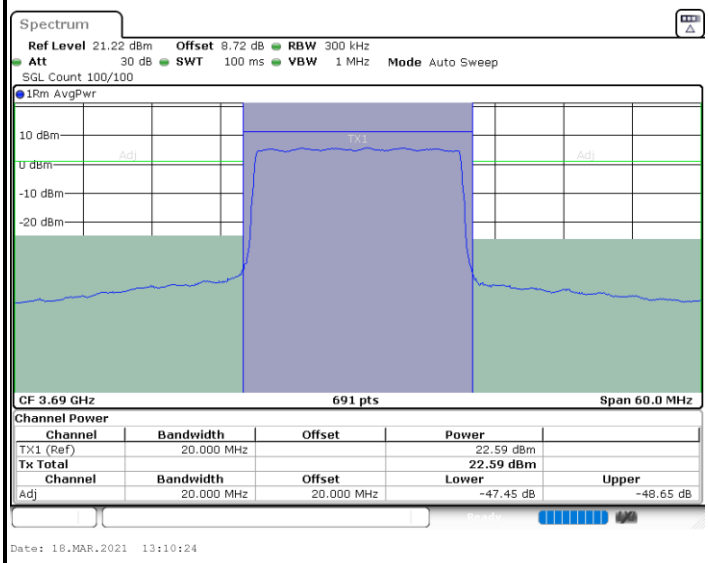
LTE Band 48 / 15MHz	
64QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

LTE Band 48 / 15MHz	
64QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

LTE Band 48 / 15MHz	
64QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

LTE Band 48 / 20MHz	
64QAM	
Lowest Channel / 1RB0	Lowest Channel / 1RBmax
	
Lowest Channel / Full RB	N/A
	

LTE Band 48 / 20MHz	
64QAM	
Middle Channel / 1RB0	Middle Channel / 1RBmax
	
Middle Channel / Full RB	N/A
	

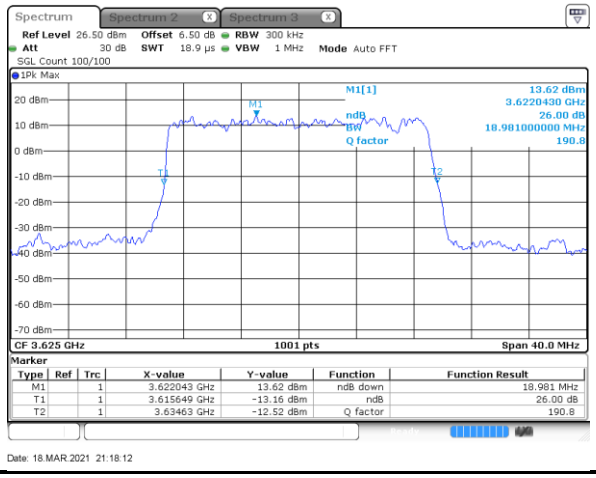
LTE Band 48 / 20MHz	
64QAM	
Highest Channel / 1RB0	Highest Channel / 1RBmax
	
Highest Channel / Full RB	N/A
	

26dB Bandwidth

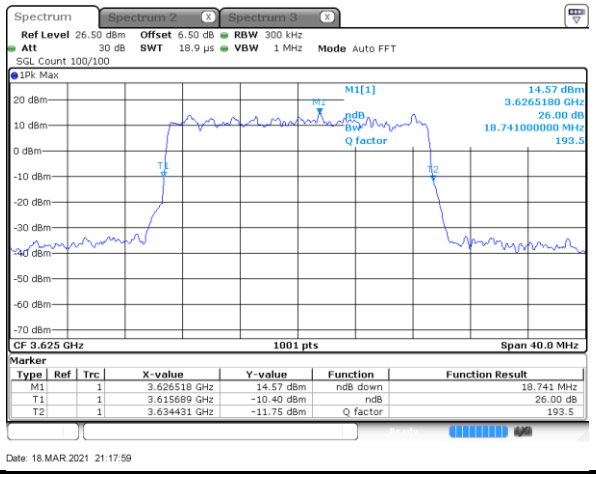
Mode	LTE Band 48 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.98	18.74

LTE Band 48

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

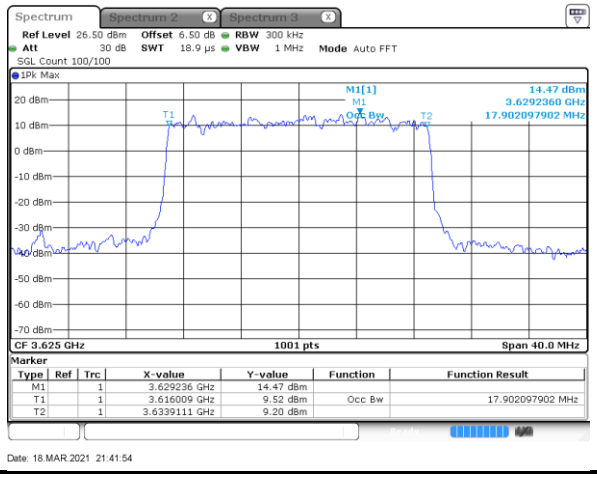


Occupied Bandwidth

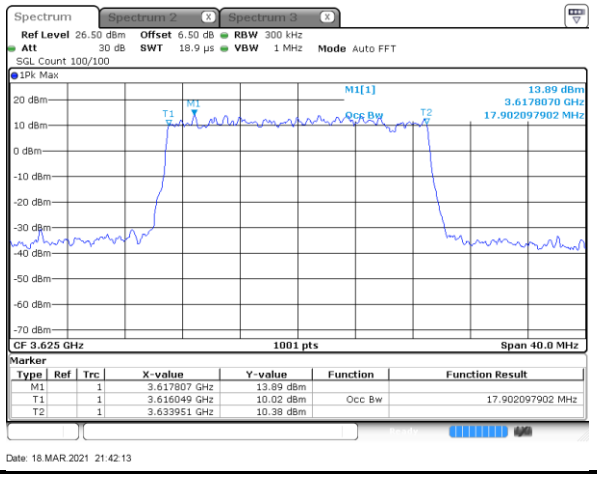
Mode	LTE Band 48 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.90

LTE Band 48

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

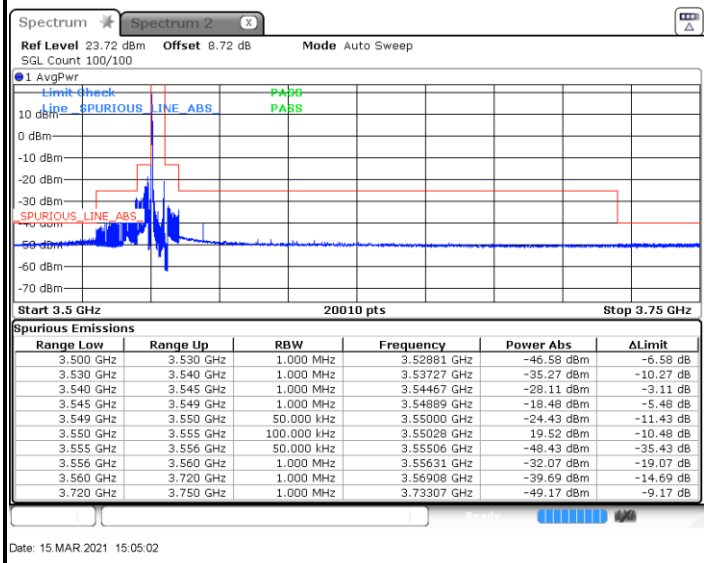


Conducted Band Edge

LTE Band 48 / 5MHz

QPSK

Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52881 GHz	-46.58 dBm	-6.58 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53727 GHz	-35.27 dBm	-10.27 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54467 GHz	-28.11 dBm	-3.11 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54889 GHz	-18.48 dBm	-5.48 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-24.43 dBm	-11.43 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55028 GHz	19.52 dBm	-10.48 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55506 GHz	-48.43 dBm	-35.43 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55631 GHz	-32.07 dBm	-19.07 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56908 GHz	-39.69 dBm	-14.69 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73307 GHz	-49.17 dBm	-9.17 dB

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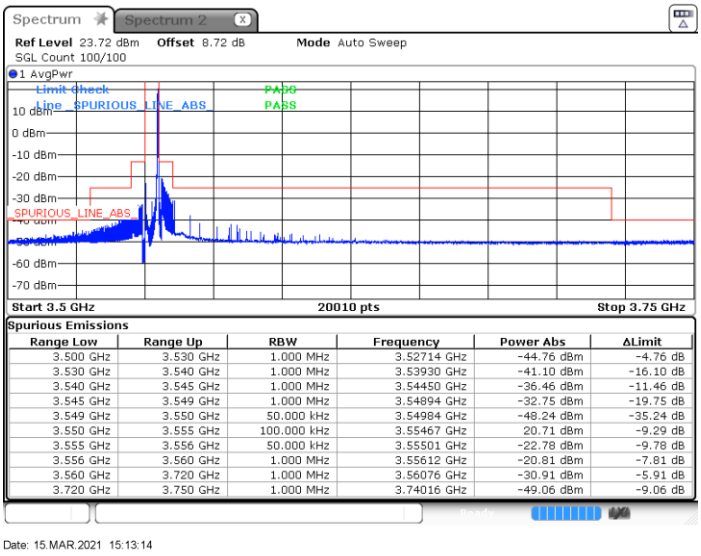
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52714 GHz	-44.76 dBm	-4.76 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53930 GHz	-41.10 dBm	-16.10 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54450 GHz	-36.46 dBm	-11.46 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54894 GHz	-32.75 dBm	-19.75 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54984 GHz	-48.24 dBm	-35.24 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55467 GHz	20.71 dBm	-9.29 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-22.78 dBm	-9.78 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55612 GHz	-20.81 dBm	-7.81 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56076 GHz	-30.91 dBm	-5.91 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74016 GHz	-49.06 dBm	-9.06 dB

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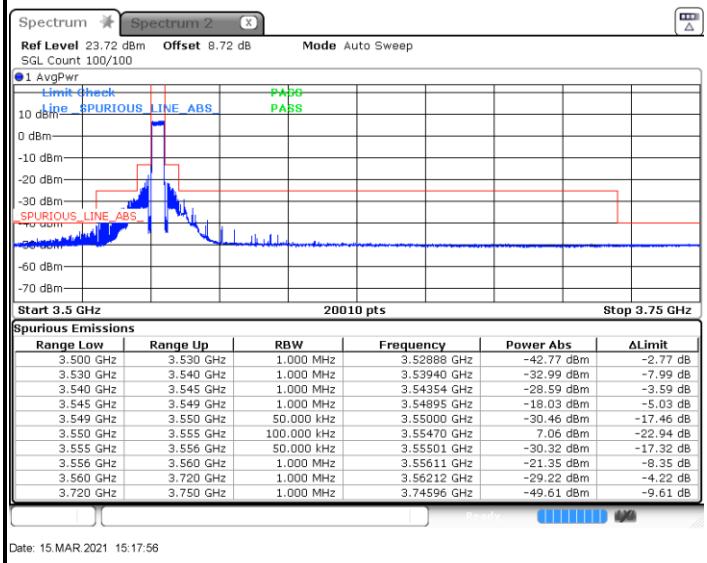
Lowest Channel / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52888 GHz	-42.77 dBm	-2.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53940 GHz	-32.99 dBm	-7.99 dB
3.540 GHz	3.545 GHz	1.000 MHz	3.54354 GHz	-28.59 dBm	-3.59 dB
3.545 GHz	3.549 GHz	1.000 MHz	3.54895 GHz	-18.03 dBm	-5.03 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-30.46 dBm	-17.46 dB
3.550 GHz	3.555 GHz	100.000 kHz	3.55470 GHz	7.06 dBm	-22.94 dB
3.555 GHz	3.556 GHz	50.000 kHz	3.55501 GHz	-30.32 dBm	-17.32 dB
3.556 GHz	3.560 GHz	1.000 MHz	3.55611 GHz	-21.35 dBm	-8.35 dB
3.560 GHz	3.720 GHz	1.000 MHz	3.56212 GHz	-29.22 dBm	-4.22 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74596 GHz	-49.61 dBm	-9.61 dB

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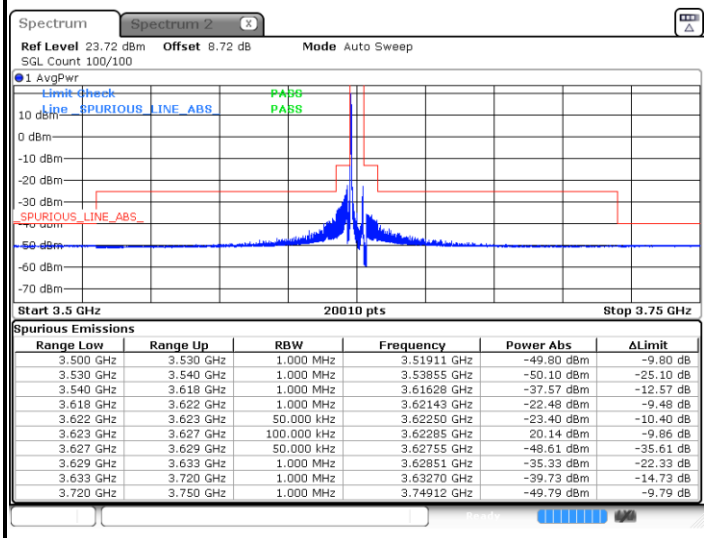
N/A

LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51911 GHz	-49.80 dBm	-9.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53855 GHz	-50.10 dBm	-25.10 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61628 GHz	-37.57 dBm	-12.57 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62143 GHz	-22.48 dBm	-9.48 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-23.40 dBm	-10.40 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62285 GHz	20.14 dBm	-9.86 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62755 GHz	-48.61 dBm	-35.61 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62851 GHz	-35.33 dBm	-22.33 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63270 GHz	-39.73 dBm	-14.73 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74912 GHz	-49.79 dBm	-9.79 dB

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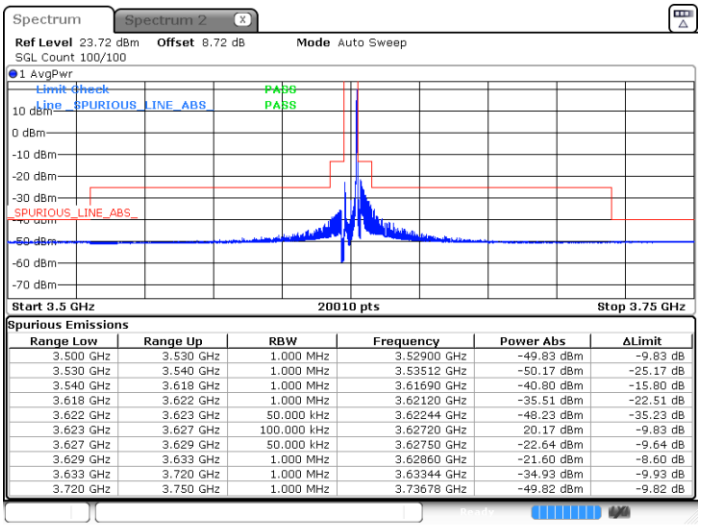
Middle Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52900 GHz	-49.83 dBm	-9.83 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53512 GHz	-50.17 dBm	-25.17 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61690 GHz	-40.80 dBm	-15.80 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62120 GHz	-35.51 dBm	-22.51 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62244 GHz	-48.23 dBm	-35.23 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62720 GHz	20.17 dBm	-9.83 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62750 GHz	-22.64 dBm	-9.64 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62860 GHz	-21.60 dBm	-8.60 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63344 GHz	-34.93 dBm	-9.93 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73678 GHz	-49.82 dBm	-9.82 dB

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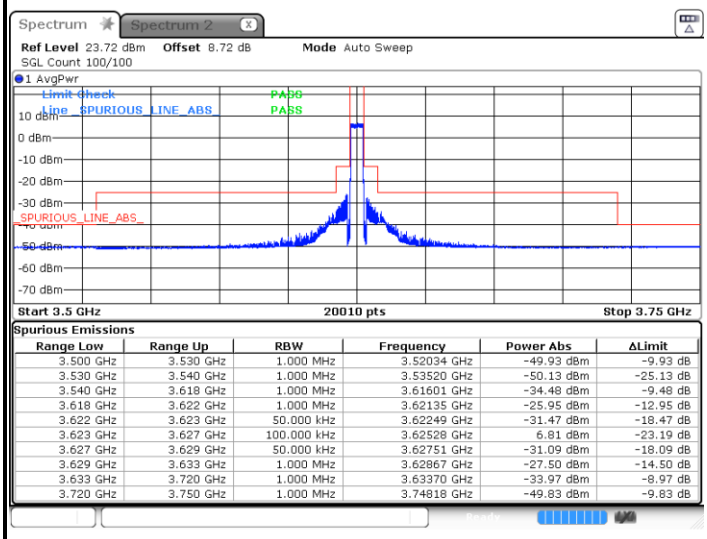
Middle Channel / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52034 GHz	-49.93 dBm	-9.93 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53520 GHz	-50.13 dBm	-25.13 dB
3.540 GHz	3.618 GHz	1.000 MHz	3.61601 GHz	-34.48 dBm	-9.48 dB
3.618 GHz	3.622 GHz	1.000 MHz	3.62135 GHz	-25.95 dBm	-12.95 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62249 GHz	-31.47 dBm	-18.47 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62528 GHz	6.81 dBm	-23.19 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62751 GHz	-31.09 dBm	-18.09 dB
3.629 GHz	3.633 GHz	1.000 MHz	3.62867 GHz	-27.50 dBm	-14.50 dB
3.633 GHz	3.720 GHz	1.000 MHz	3.63370 GHz	-33.97 dBm	-8.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74818 GHz	-49.83 dBm	-9.83 dB

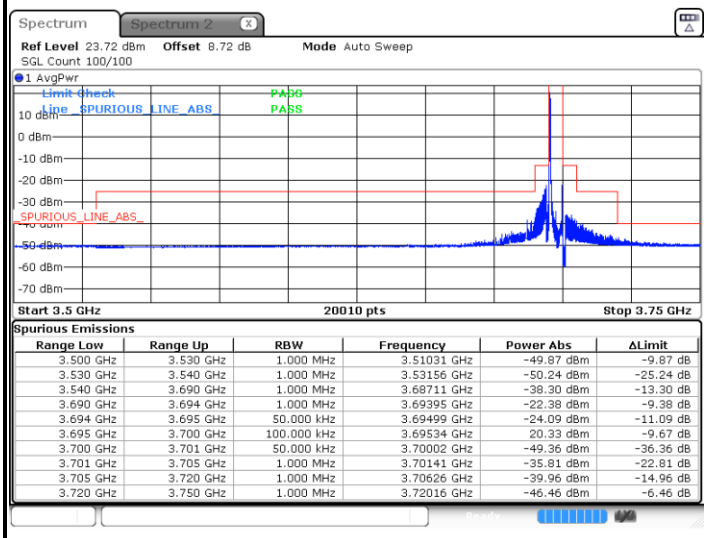
Date: 15.MAR.2021 15:23:26

N/A

LTE Band 48 / 5MHz

QPSK

Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51031 GHz	-49.87 dBm	-9.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53156 GHz	-50.24 dBm	-25.24 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68711 GHz	-38.30 dBm	-13.30 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69395 GHz	-22.38 dBm	-9.38 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69499 GHz	-24.09 dBm	-11.09 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69534 GHz	20.33 dBm	-9.67 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70002 GHz	-49.36 dBm	-36.36 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70141 GHz	-35.81 dBm	-22.81 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70626 GHz	-39.96 dBm	-14.96 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72016 GHz	-46.46 dBm	-6.46 dB

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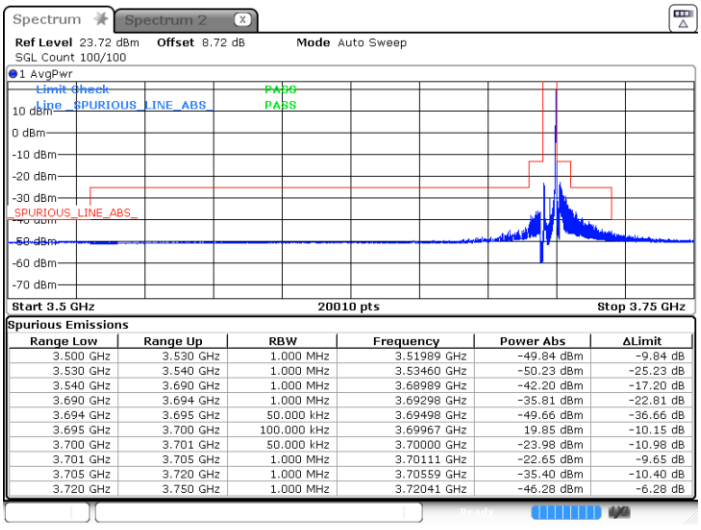
Highest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51989 GHz	-49.84 dBm	-9.84 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53460 GHz	-50.23 dBm	-25.23 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68989 GHz	-42.20 dBm	-17.20 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69298 GHz	-35.81 dBm	-22.81 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69498 GHz	-49.66 dBm	-36.66 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69967 GHz	19.85 dBm	-10.15 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-23.98 dBm	-10.98 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70111 GHz	-22.65 dBm	-9.65 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70559 GHz	-35.40 dBm	-10.40 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72041 GHz	-46.28 dBm	-6.28 dB

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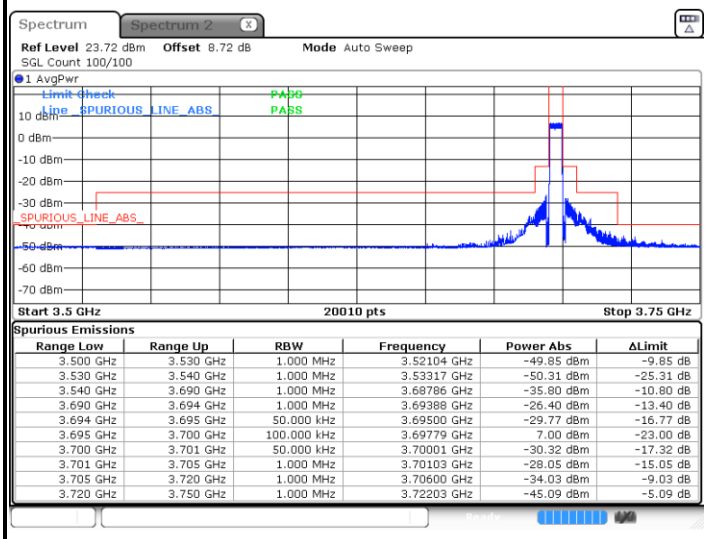
Highest Channel / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52104 GHz	-49.85 dBm	-9.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53317 GHz	-50.31 dBm	-25.31 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68786 GHz	-35.80 dBm	-10.80 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69388 GHz	-26.40 dBm	-13.40 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-29.77 dBm	-16.77 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69779 GHz	7.00 dBm	-23.00 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70001 GHz	-30.32 dBm	-17.32 dB
3.701 GHz	3.705 GHz	1.000 MHz	3.70103 GHz	-28.05 dBm	-15.05 dB
3.705 GHz	3.720 GHz	1.000 MHz	3.70600 GHz	-34.03 dBm	-9.03 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72203 GHz	-45.09 dBm	-5.09 dB

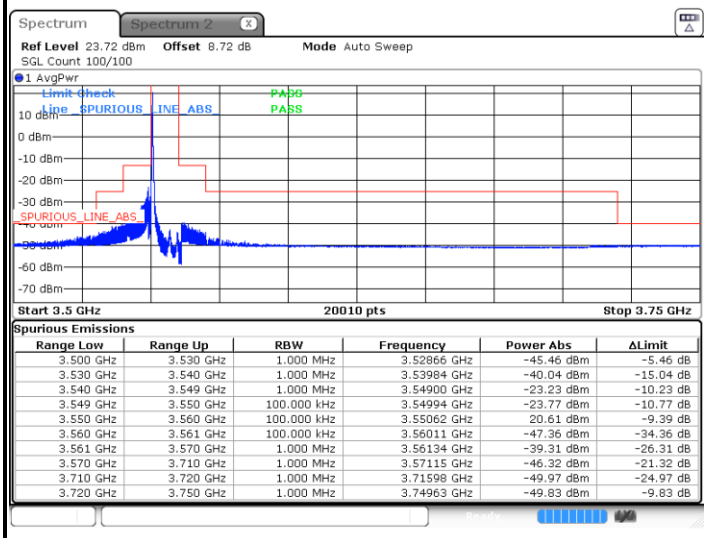
Date: 15.MAR.2021 15:55:06

N/A

LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52866 GHz	-45.46 dBm	-5.46 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53984 GHz	-40.04 dBm	-15.04 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54900 GHz	-23.23 dBm	-10.23 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54994 GHz	-23.77 dBm	-10.77 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55062 GHz	20.61 dBm	-9.39 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56011 GHz	-47.36 dBm	-34.36 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56134 GHz	-39.31 dBm	-26.31 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57115 GHz	-46.32 dBm	-21.32 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71598 GHz	-49.97 dBm	-24.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74963 GHz	-49.83 dBm	-9.83 dB

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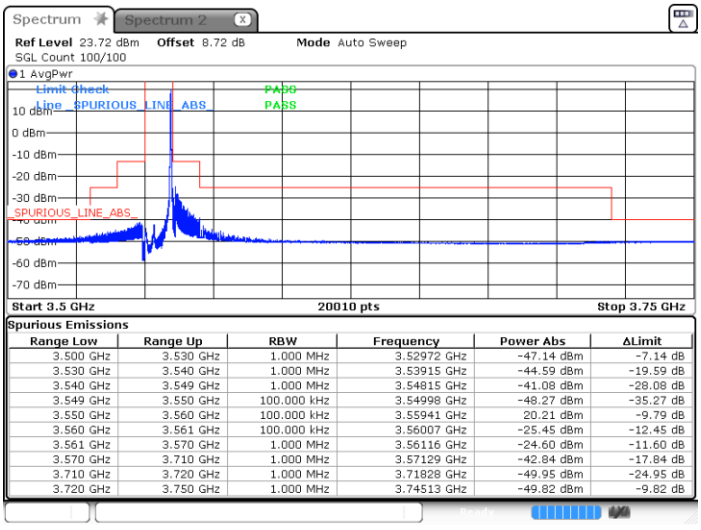
Lowest Channel / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52972 GHz	-47.14 dBm	-7.14 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53915 GHz	-44.59 dBm	-19.59 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54815 GHz	-41.08 dBm	-28.08 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54998 GHz	-48.27 dBm	-35.27 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55941 GHz	20.21 dBm	-9.79 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56007 GHz	-25.45 dBm	-12.45 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56116 GHz	-24.60 dBm	-11.60 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57129 GHz	-42.84 dBm	-17.84 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71828 GHz	-49.95 dBm	-24.95 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74513 GHz	-49.82 dBm	-9.82 dB

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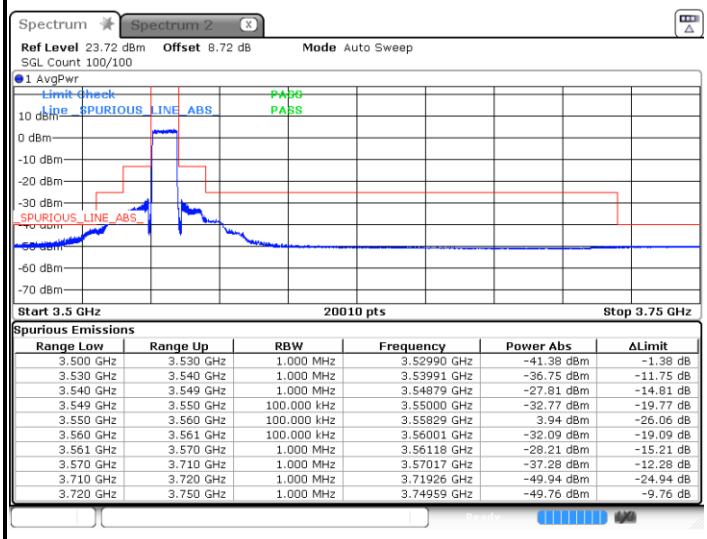
Lowest Channel / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52990 GHz	-41.38 dBm	-1.38 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53991 GHz	-36.75 dBm	-11.75 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54879 GHz	-27.81 dBm	-14.81 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.55000 GHz	-32.77 dBm	-19.77 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55829 GHz	3.94 dBm	-26.06 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56001 GHz	-32.09 dBm	-19.09 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56118 GHz	-28.21 dBm	-15.21 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57017 GHz	-37.28 dBm	-12.28 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71926 GHz	-49.94 dBm	-24.94 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74959 GHz	-49.76 dBm	-9.76 dB

Date: 15.MAR.2021 16:00:56

N/A