FCC RADIO TEST REPORT

FCC ID	:	**PY7-86211X**
Equipment	:	**GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPC and NFC**
Brand Name	:	**Sony**
Applicant	:	**Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan**
Manufacturer	:	**Sony Corporation 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan**
Standard	:	**FCC 47 CFR Part 2, and 90(S)**

The product was received on Feb. 23, 2021 and testing was started from Mar. 22, 2021 and completed on Apr. 19, 2021. 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 of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

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	Issued Date
FG0D2213C	01	Initial issue of report	Apr. 28, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 §90.635	Conducted Output Power and Effective Radiated Power	Pass	-
3.3	-	Peak-to-Average Ratio	Reporting only	-
3.4	§2.1049 §90.209	Occupied Bandwidth and 26dB Bandwidth	Reporting only	-
3.5	§2.1051 §90.691	Emission masks – In-band emissions	Pass	-
3.6	§2.1051 §90.691	Emission masks – Out of band emissions	Pass	-
3.7	§2.1055 §90.213	Frequency Stability for Temperature & Voltage	Pass	-
3.8	§2.1053 §90.691	Field Strength of Spurious Radiation	Pass	Under limit 32.89 dB at 2448.000 MHz

Remark: The FCC ID: PY7-07452G and FCC ID: PY7-86211X are HW identical, the difference is only SW, and each supported bands are handled by only SW. Only LTE Band 26 for Sub Antenna is added in this report.

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.

Reviewed by: Wii Chang

Report Producer: Vivian Hsu

1 General Description

1.1 Feature of Equipment Under Test

GSM/WCDMA/LTE/5G NR, Bluetooth, DTS/UNII a/b/g/n/ac/ax, NFC, WPC/WPT, and GNSS.

Product Specification subjective to this standard	
Antenna Type	Loop Antenna
Antenna Gain	-3.60 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

EUT Information List			
HW Version	**SW Version**	**S/N**	**Performed Test Item**
A	0.622	QV7200126T	Conducted Measurement
	0.622	QV72007L6T	ERP Test
	0.634	QV7200HN6T	Radiated Spurious Emission

Accessory List	
AC Adapter	Model Name : XQZ-UC1
	S/N: 0020W51300095
Earphone	Model Name : MH750
	S/N : N/A
USB Cable	Model Name : XQZ-UB1
	S/N : N/A

Note:

1. Above EUT list used are electrically identical per declared by manufacturer.
2. Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report.
3. For other wireless features of this EUT, test report will be issued separately.

1.2 Modification of EUT

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

1.3 Emission Designator

LTE Band 26		QPSK			16QAM			64QAM		
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Conducted Power (W)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Conducted Power (W)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Conducted Power (W)
1.4	814.7~823.3	1M09G7D	-	0.0634	1M09W7D	-	0.0536	1M09W7D	-	0.0415
3	815.5~822.5	2M73G7D	-	0.0634	2M70W7D	-	0.0546	2M72W7D	-	0.0425
5	816.5~821.5	4M49G7D	-	0.0643	4M48W7D	-	0.0562	4M48W7D	-	0.0427
10	819.0	9M01G7D	0.0148	0.0625	8M97W7D	-	0.0547	9M01W7D	-	0.0417
15	821.5	13M4G7D	0.0195	0.0619	13M5W7D	-	0.0524	13M4W7D	-	0.0409
LTE Band 26		**QPSK**			**16QAM**			**64QAM**		
BW (MHz)	**Frequency Range (MHz)**	**Emission Designator (99%OBW)**	**Frequency Tolerance (ppm)**	**Conducted Power (W)**	**Emission Designator (99%OBW)**	**Frequency Tolerance (ppm)**	**Conducted Power (W)**	**Emission Designator (99%OBW)**	**Frequency Tolerance (ppm)**	**Conducted Power (W)**
1.4	824	1M09G7D	-	0.0615	1M09W7D	-	0.0500	1M09W7D	-	0.0386
3	824	2M73G7D	-	0.0622	2M70W7D	-	0.0502	2M72W7D	-	0.0391
5	824	4M49G7D	-	0.0610	4M48W7D	-	0.0500	4M48W7D	-	0.0390
10	824	9M01G7D	0.0148	0.0618	8M97W7D	-	0.0504	9M01W7D	-	0.0388
15	824	13M5G7D	-	0.0624	13M5W7D	-	0.0501	13M5W7D	-	0.0473

1.4 Testing Site

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.**
	TH02-HY
Test Engineer	Luffy Lin
Temperature	23.4~26℃
Relative Humidity	52~56%

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

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, Lance Chiang and Chuan Chu
Temperature	21.3~24.5℃
Relative Humidity	54~65%
Remark	The Radiated Spurious Emissions 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

1.5 Applied Standards

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

- FCC 47 CFR Part 2, 90
- ANSI / TIA-603-E
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01
- Interim Guidance for Equipment Authorization of Devices with Channel Bandwidths Combined Across Two Contiguous Service Rule Allocations OET/Lab/EACB, June 6, 2013

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.
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

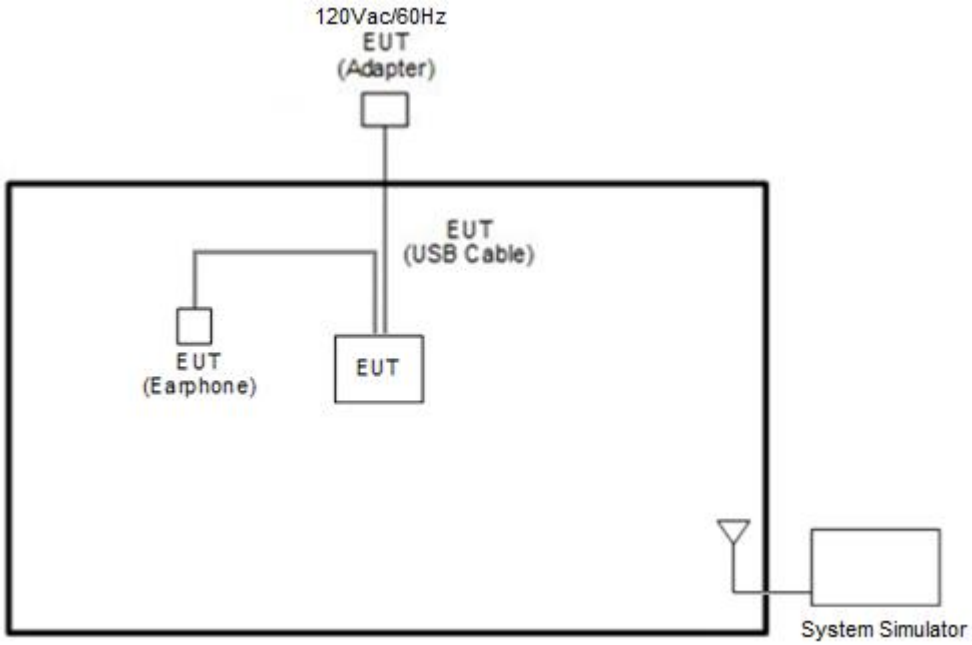
During all testing, EUT is in link mode with base station emulator at maximum power level.

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

Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

Conducted Test Cases	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	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	26				v		-	v	v	v			v		v	
26dB and 99% Bandwidth	26	v	v	v	v	v	-	v	v	v			v	v	v	
Emission masks In-band emissions	26	v	v	v	v	v	-	v	v	v	v		v	v		v
Emission masks – Out of band emissions	26	v	v	v	v	v	-	v			v			v	v	v
Frequency Stability	26				v	v	-	v					v	v	v	
E.R.P.	26	v	v	v	v	v	-	v	v	v	Max Power					
Radiated Spurious Emission	26	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. LTE Band26 transmit frequency for part22 rule is 824MHz-849MHz, for part90 rule is 814MHz-824MHz. ERP over 15MHz bandwidth complies the ERP limit line of part22 rule, therefore ERP of the partial frequency spectrum which falls within part 22 also complies.															

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

The following shows an offset computation example with RF cable loss 4.2 dB and a 10dB attenuator.

Example :

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

= 4.2 + 10 = 14.2 (dB)

2.5 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
15	Channel	26765	-	-
	Frequency	821.5	-	-
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

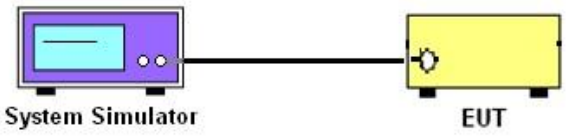
3 Conducted Test Items

3.1 Measuring Instruments

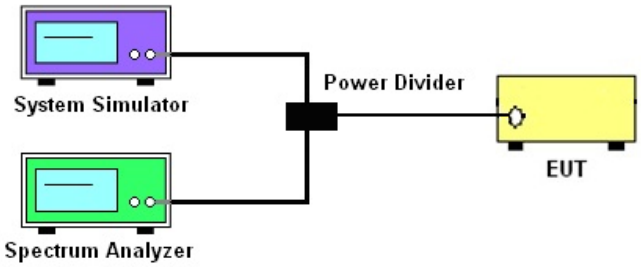
See list of measuring instruments of this test report.

3.1.1 Test Setup

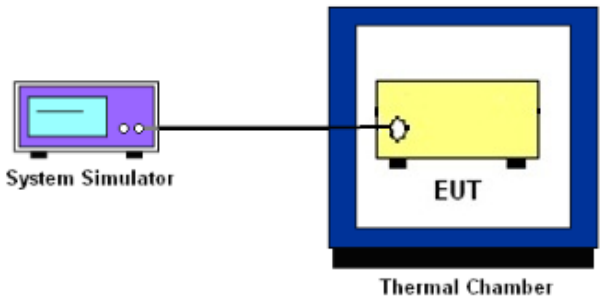
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge, Emission Mask, Emissions Mask – Out Of Band Emissions, 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 Measurement and ERP Measurement

3.2.1 Description of the Conducted Output Power Measurement and ERP Measurement

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 26.

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through 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

Reporting only

3.3.2 Test Procedures

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 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.4.1 Description of (Occupied) Bandwidth Limitations Measurement

The 99% 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 emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

3.4.2 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The 26dB and 99% occupied bandwidth (BW) of the middle channel for the highest RF power with full RB sizes were measured.

3.5 Emissions Mask Measurement

3.5.1 Description of Emissions Mask Measurement

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691.(a)

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log_{10}(f/6.1) decibels or 50 + 10 Log_{10}(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log_{10}(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.5.2 Test Procedures

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

3.6 Emissions Mask – Out Of Band Emissions Measurement

3.6.1 Description of Conducted Emissions Out of band emissions measurement

The power of any emission FCC Part 90.691 (a)(2) on any frequency removed from the assigned frequency by out of the authorized bandwidth at least 43 + 10 log (P) dB. It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10^{th} harmonic.

3.6.2 Test Procedures

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. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

3.7 Frequency Stability Measurement

3.7.1 Description of Frequency Stability Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the base station.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized for three hours. 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.

3.7.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at 20±5° C and connected with the base station.
2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.8 Field Strength of Spurious Radiation Measurement

3.8.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

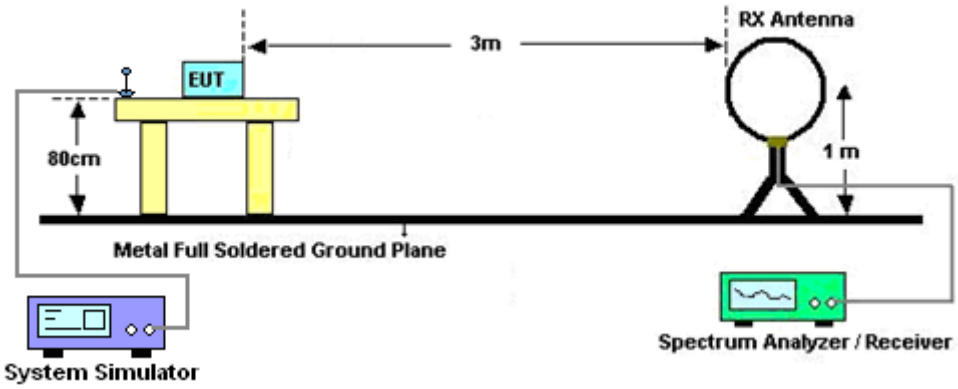
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43+10\log_{10}(P[Watts])$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.8.2 Test Procedures

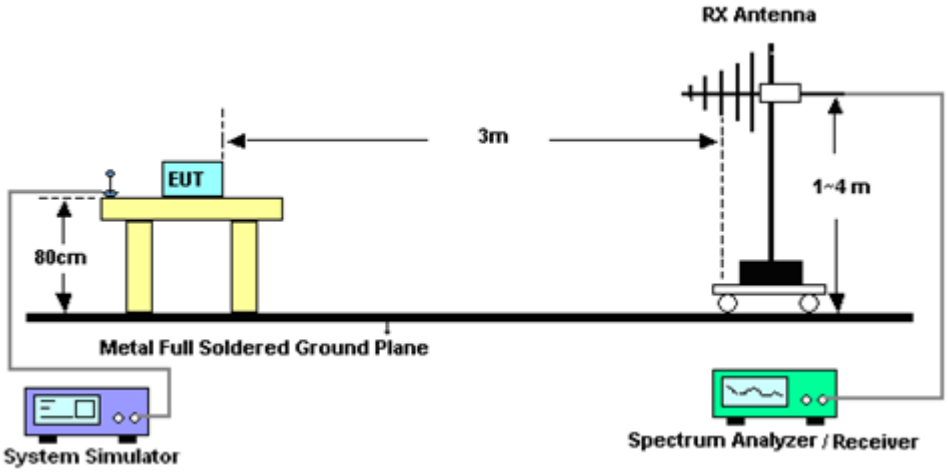
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, 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.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
12. ERP (dBm) = EIRP - 2.15
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

3.8.3 Test Setup

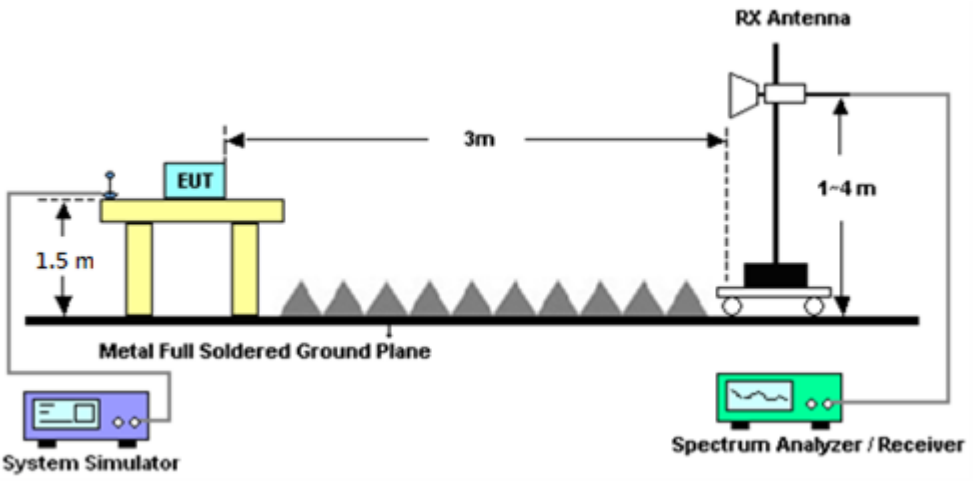
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



3.8.4 Test Result of Field Strength of Spurious Radiated

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 a comparison data 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 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	100315	9 kHz~30 MHz	Jan. 04, 2021	Mar. 23, 2021~ Mar. 30, 2021	Jan. 03, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 29, 2020	Mar. 23, 2021~ Mar. 30, 2021	Apr. 28, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Nov. 23, 2020	Mar. 23, 2021~ Mar. 30, 2021	Nov. 22, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	May 20, 2020	Mar. 23, 2021~ Mar. 30, 2021	May 19, 2021	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 25, 2020	Mar. 23, 2021	Mar. 24, 2021	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 24, 2021	Mar. 24, 2021~ Mar. 30, 2021	Mar. 23, 2022	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY57280120	1GHz~26.5GHz	Jul. 20, 2020	Mar. 23, 2021~ Mar. 30, 2021	Jul. 19, 2021	Radiation (03CH12-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 05, 2020	Mar. 23, 2021~ Mar. 30, 2021	Dec. 04, 2021	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 15, 2021	Mar. 23, 2021~ Mar. 30, 2021	Jan. 14, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Mar. 23, 2021~ Mar. 30, 2021	Mar. 10, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 11, 2020	Mar. 23, 2021~ Mar. 30, 2021	Dec. 10, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 22, 2021	Mar. 23, 2021~ Mar. 30, 2021	Feb. 21, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 22, 2021	Mar. 23, 2021~ Mar. 30, 2021	Feb. 21, 2022	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Mar. 23, 2021~ Mar. 30, 2021	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 23, 2021~ Mar. 30, 2021	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Mar. 23, 2021~ Mar. 30, 2021	N/A	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12SS	SN2	1.2GHz Low Pass Filter	Mar. 17, 2021	Mar. 23, 2021~ Mar. 30, 2021	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN2	3GHz High Pass Filter	Jul. 14, 2020	Mar. 23, 2021~ Mar. 30, 2021	Jul. 13, 2021	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 17, 2021	Mar. 23, 2021~ Mar. 30, 2021	Mar. 16, 2022	Radiation (03CH12-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Base Station (Measure)	Anritsu	MT8821C	6262025341	N/A	Oct. 06, 2020	Mar. 22, 2021~ Apr. 19, 2021	Oct. 05, 2021	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 27, 2020	Mar. 22, 2021~ Apr. 19, 2021	Nov. 26, 2021	Conducted (TH02-HY)
Thermal Chamber	Ten Billion	TTH-D3SP	TBN-930701	N/A	Aug. 05, 2020	Mar. 22, 2021~ Apr. 19, 2021	Aug. 04, 2021	Conducted (TH02-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 05, 2020	Mar. 22, 2021~ Apr. 19, 2021	Oct. 04, 2021	Conducted (TH02-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 09, 2021	Mar. 22, 2021~ Apr. 19, 2021	Jan. 08, 2022	Conducted (TH02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.07**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.21**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.67	-	-	17.92	0.0619
15	1	37		23.54	-	-		
15	1	74		23.62	-	-		
15	36	0		22.86	-	-		
15	36	20		22.76	-	-		
15	36	39		22.73	-	-		
15	75	0		22.63	-	-		
15	1	0	16-QAM	22.94	-	-	17.19	0.0524
15	1	37		22.78	-	-		
15	1	74		22.76	-	-		
15	36	0		21.78	-	-		
15	36	20		21.76	-	-		
15	36	39		21.80	-	-		
15	75	0		21.64	-	-		
15	1	0	64-QAM	21.78	-	-	16.12	0.0409
15	1	37		21.87	-	-		
15	1	74		21.68	-	-		
15	36	0		20.72	-	-		
15	36	20		20.80	-	-		
15	36	39		20.72	-	-		
15	75	0		20.62	-	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.71	-	17.96	0.0625
10	1	25		-	23.55	-		
10	1	49		-	23.60	-		
10	25	0		-	22.65	-		
10	25	12		-	22.67	-		
10	25	25		-	22.76	-		
10	50	0		-	22.83	-		
10	1	0	16-QAM	-	23.13	-	17.38	0.0547
10	1	25		-	23.01	-		
10	1	49		-	22.81	-		
10	25	0		-	21.57	-		
10	25	12		-	21.57	-		
10	25	25		-	21.67	-		
10	50	0		-	21.66	-		
10	1	0	64-QAM	-	21.84	-	16.2	0.0417
10	1	25		-	21.88	-		
10	1	49		-	21.95	-		
10	25	0		-	20.75	-		
10	25	12		-	20.57	-		
10	25	25		-	20.64	-		
10	50	0		-	20.87	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.83	23.75	23.75	18.08	0.0643
5	1	12		23.82	23.81	23.72		
5	1	24		23.73	23.78	23.67		
5	12	0		22.98	22.88	22.86		
5	12	7		22.95	22.92	22.82		
5	12	13		22.87	22.83	22.77		
5	25	0		22.92	22.86	22.80		
5	1	0	16-QAM	23.25	23.06	23.08	17.5	0.0562
5	1	12		23.17	23.09	22.99		
5	1	24		23.06	23.10	23.00		
5	12	0		22.02	21.87	21.87		
5	12	7		21.99	21.93	21.83		
5	12	13		21.89	21.87	21.77		
5	25	0		21.94	21.90	21.80		
5	1	0	64-QAM	22.05	22.02	22.03	16.3	0.0427
5	1	12		21.92	22.05	21.78		
5	1	24		21.74	21.97	21.75		
5	12	0		20.94	20.63	20.83		
5	12	7		20.89	20.77	20.68		
5	12	13		20.78	20.83	20.74		
5	25	0		20.82	20.93	20.77		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.52	23.69	23.47	18.02	0.0634
3	1	8		23.77	23.62	23.69		
3	1	14		23.46	23.54	23.59		
3	8	0		22.94	22.61	22.72		
3	8	4		22.78	22.58	22.50		
3	8	7		22.64	22.63	22.49		
3	15	0		22.81	22.75	22.67		
3	1	0	16-QAM	23.00	22.85	22.83	17.37	0.0546
3	1	8		23.12	22.87	22.88		
3	1	14		22.98	22.87	22.69		
3	8	0		22.04	21.63	21.80		
3	8	4		21.87	21.80	21.60		
3	8	7		21.86	21.55	21.67		
3	15	0		21.86	21.72	21.63		
3	1	0	64-QAM	21.96	21.86	21.64	16.28	0.0425
3	1	8		21.81	22.00	21.74		
3	1	14		21.83	22.03	21.65		
3	8	0		20.76	20.77	20.46		
3	8	4		20.79	20.82	20.59		
3	8	7		20.85	20.67	20.63		
3	15	0		20.71	20.70	20.60		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.70	23.36	23.43	18.02	0.0634
1.4	1	3		23.64	23.48	23.45		
1.4	1	5		23.49	23.44	23.50		
1.4	3	0		23.67	23.60	23.54		
1.4	3	1		23.64	23.67	23.56		
1.4	3	3		23.77	23.46	23.56		
1.4	6	0		22.82	22.66	22.39		
1.4	1	0	16-QAM	22.97	22.77	22.82	17.29	0.0536
1.4	1	3		23.04	22.96	22.88		
1.4	1	5		22.97	22.68	22.77		
1.4	3	0		22.79	22.73	22.47		
1.4	3	1		22.63	22.63	22.45		
1.4	3	3		22.67	22.58	22.43		
1.4	6	0		21.70	21.77	21.63		
1.4	1	0	64-QAM	21.83	21.60	21.56	16.18	0.0415
1.4	1	3		21.93	21.85	21.87		
1.4	1	5		21.74	21.68	21.71		
1.4	3	0		21.64	21.77	21.68		
1.4	3	1		21.70	21.60	21.75		
1.4	3	3		21.69	21.76	21.62		
1.4	6	0		20.62	20.72	20.46		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	-	824	-	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.70	-	17.95	0.0624
15	1	37		-	23.63	-		
15	1	74		-	23.52	-		
15	36	0		-	22.80	-		
15	36	20		-	22.82	-		
15	36	39		-	22.78	-		
15	75	0		-	22.82	-		
15	1	0	16-QAM	-	22.75	-	17	0.0501
15	1	37		-	22.64	-		
15	1	74		-	22.56	-		
15	36	0		-	21.47	-		
15	36	20		-	21.49	-		
15	36	39		-	21.44	-		
15	75	0		-	21.50	-		
15	1	0	64-QAM	-	22.50	-	16.75	0.0473
15	1	37		-	22.44	-		
15	1	74		-	22.40	-		
15	36	0		-	21.47	-		
15	36	20		-	21.50	-		
15	36	39		-	21.46	-		
15	75	0		-	21.50	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	-	824	-	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.66	-	17.91	0.0618
10	1	25		-	23.66	-		
10	1	49		-	23.57	-		
10	25	0		-	22.75	-		
10	25	12		-	22.82	-		
10	25	25		-	22.76	-		
10	50	0		-	22.81	-		
10	1	0	16-QAM	-	22.77	-	17.02	0.0504
10	1	25		-	22.71	-		
10	1	49		-	22.68	-		
10	25	0		-	21.48	-		
10	25	12		-	21.54	-		
10	25	25		-	21.47	-		
10	50	0		-	21.52	-		
10	1	0	64-QAM	-	21.64	-	15.89	0.0388
10	1	25		-	21.58	-		
10	1	49		-	21.59	-		
10	25	0		-	20.51	-		
10	25	12		-	20.57	-		
10	25	25		-	20.49	-		
10	50	0		-	20.54	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	-	824	-	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.60	-	17.85	0.0610
5	1	12		-	23.59	-		
5	1	24		-	23.58	-		
5	12	0		-	22.72	-		
5	12	7		-	22.80	-		
5	12	13		-	22.70	-		
5	25	0		-	22.74	-		
5	1	0	16-QAM	-	22.66	-	16.99	0.0500
5	1	12		-	22.57	-		
5	1	24		-	22.74	-		
5	12	0		-	21.47	-		
5	12	7		-	21.53	-		
5	12	13		-	21.43	-		
5	25	0		-	21.51	-		
5	1	0	64-QAM	-	21.66	-	15.91	0.0390
5	1	12		-	21.59	-		
5	1	24		-	21.62	-		
5	12	0		-	20.51	-		
5	12	7		-	20.57	-		
5	12	13		-	20.48	-		
5	25	0		-	20.49	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	-	824	-	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.67	-	17.94	0.0622
3	1	8		-	23.69	-		
3	1	14		-	23.64	-		
3	8	0		-	22.71	-		
3	8	4		-	22.80	-		
3	8	7		-	22.71	-		
3	15	0		-	22.76	-		
3	1	0	16-QAM	-	22.72	-	17.01	0.0502
3	1	8		-	22.76	-		
3	1	14		-	22.69	-		
3	8	0		-	21.44	-		
3	8	4		-	21.61	-		
3	8	7		-	21.47	-		
3	15	0		-	21.53	-		
3	1	0	64-QAM	-	21.61	-	15.92	0.0391
3	1	8		-	21.67	-		
3	1	14		-	21.67	-		
3	8	0		-	20.50	-		
3	8	4		-	20.57	-		
3	8	7		-	20.52	-		
3	15	0		-	20.53	-		
Limit	ERP < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -3.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	-	824	-	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.60	-	17.89	0.0615
1.4	1	3		-	23.64	-		
1.4	1	5		-	23.55	-		
1.4	3	0		-	23.53	-		
1.4	3	1		-	23.63	-		
1.4	3	3		-	23.57	-		
1.4	6	0		-	22.72	-		
1.4	1	0	16-QAM	-	22.59	-	16.99	0.0500
1.4	1	3		-	22.74	-		
1.4	1	5		-	22.60	-		
1.4	3	0		-	22.46	-		
1.4	3	1		-	22.47	-		
1.4	3	3		-	22.43	-		
1.4	6	0		-	21.45	-		
1.4	1	0	64-QAM	-	21.49	-	15.87	0.0386
1.4	1	3		-	21.55	-		
1.4	1	5		-	21.56	-		
1.4	3	0		-	21.57	-		
1.4	3	1		-	21.62	-		
1.4	3	3		-	21.58	-		
1.4	6	0		-	20.45	-		
Limit	ERP < 100W			Result			Pass	

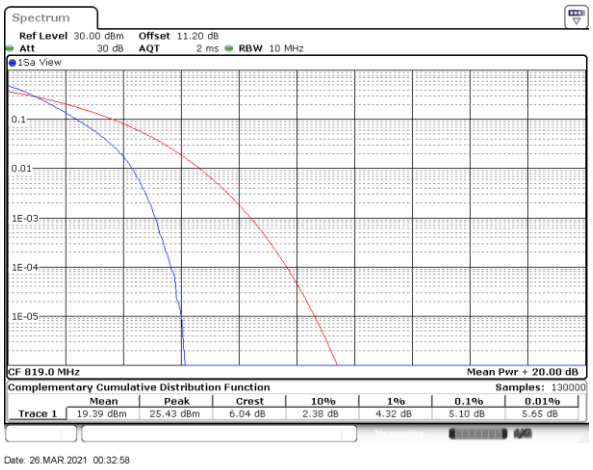
LTE Band 26

Peak-to-Average Ratio

Mode	LTE Band 26 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	5.88	6.52	-	PASS

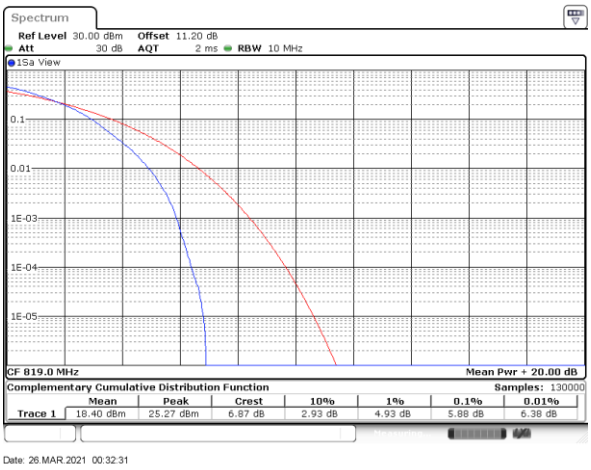
LTE Band 26 / 10MHz / QPSK

Middle Channel / Full RB



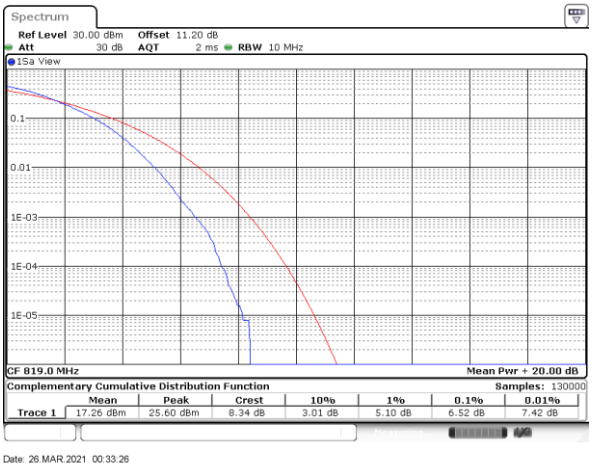
LTE Band 26 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 26 / 10MHz / 64QAM

Middle Channel / Full RB

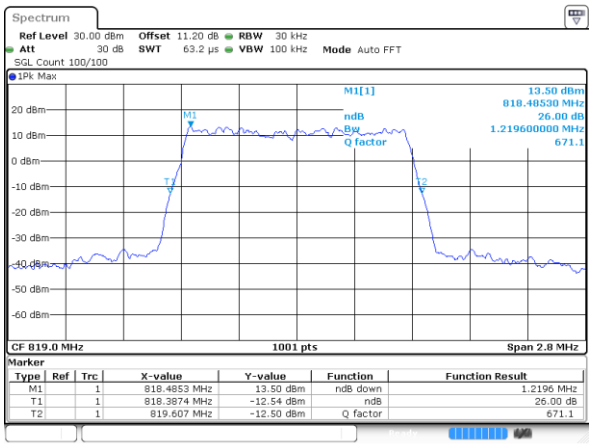


26dB Bandwidth

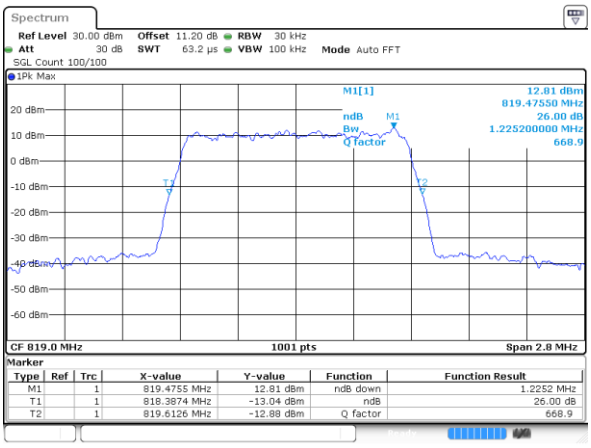
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	14.48	14.51	-	-
Middle CH	1.22	1.23	3.04	3.00	4.92	4.94	9.85	9.83	-	-	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Low CH	-	-	-	-	-	-	-	-	14.45	-	-	-
Middle CH	1.22	-	3.00	-	4.94	-	9.75	-	-	-	-	-

LTE Band 26

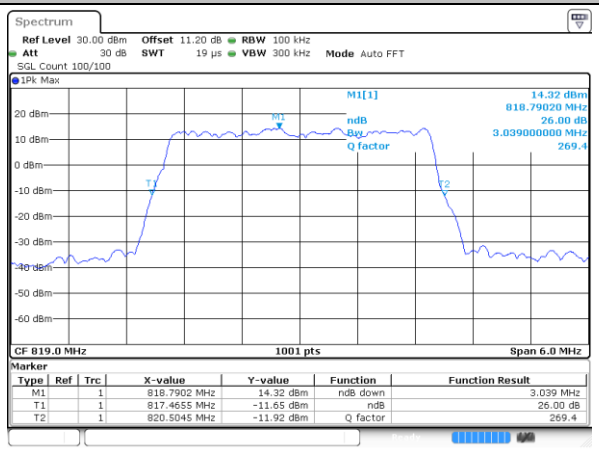
Middle Channel / 1.4MHz / QPSK



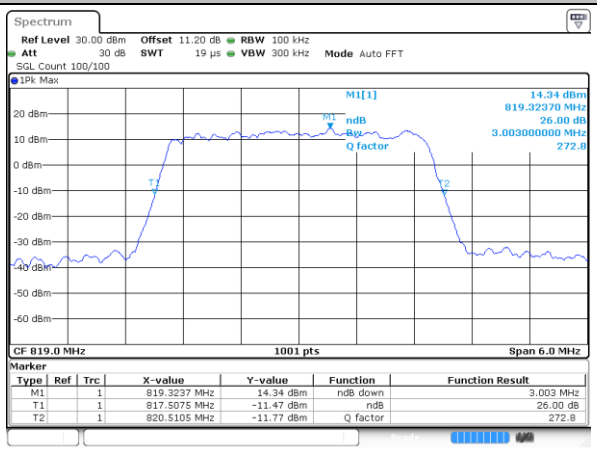
Middle Channel / 1.4MHz / 16QAM



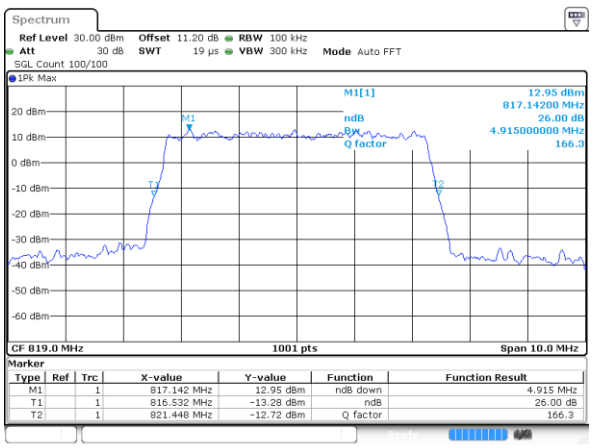
Middle Channel / 3MHz / QPSK



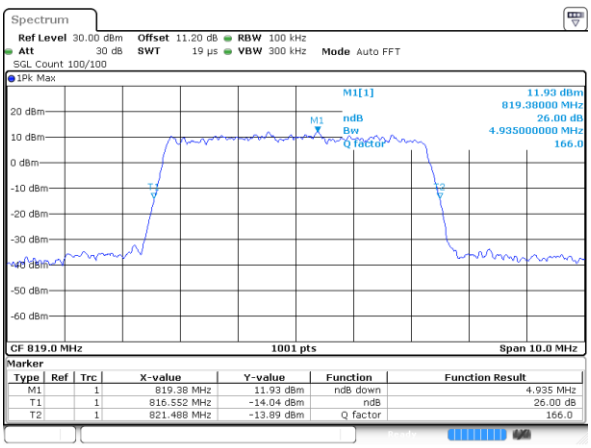
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

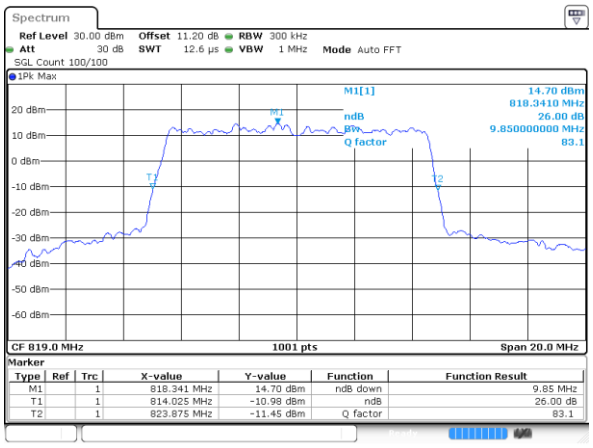


Middle Channel / 5MHz / 16QAM

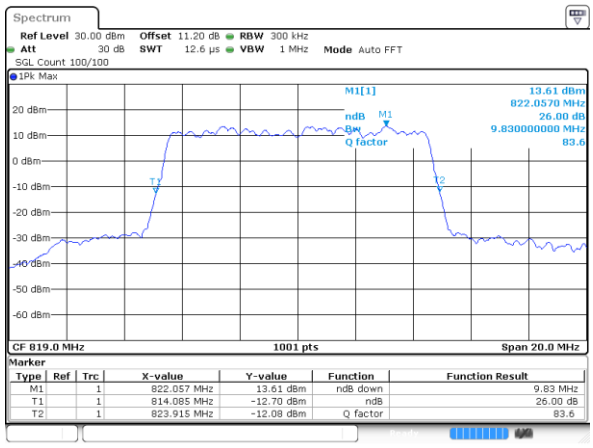


LTE Band 26

Middle Channel / 10MHz / QPSK

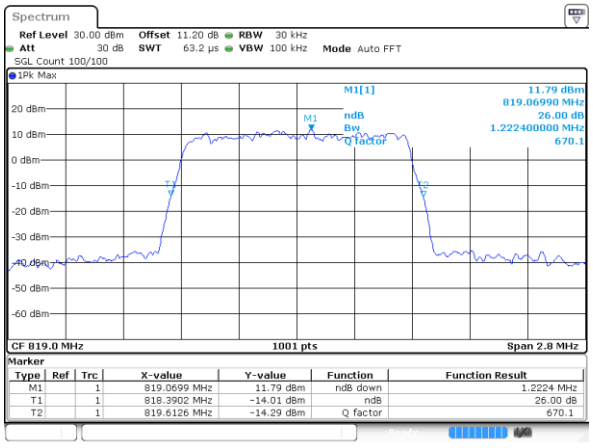


Middle Channel / 10MHz / 16QAM

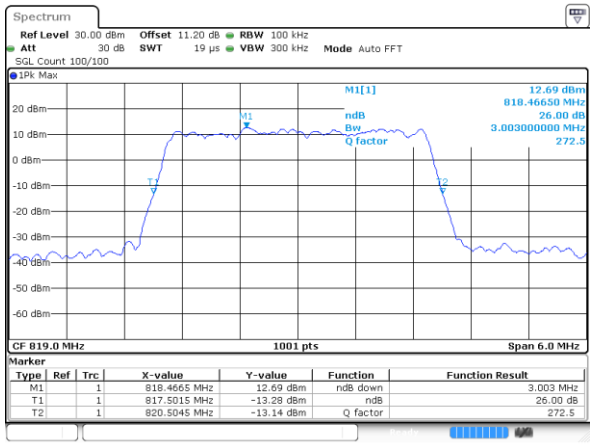


LTE Band 26

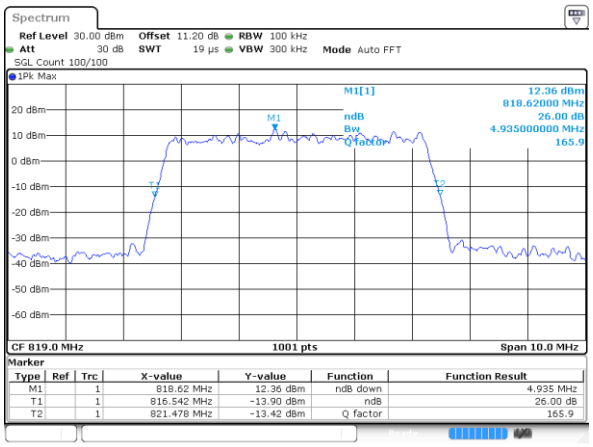
Middle Channel / 1.4MHz / 64QAM



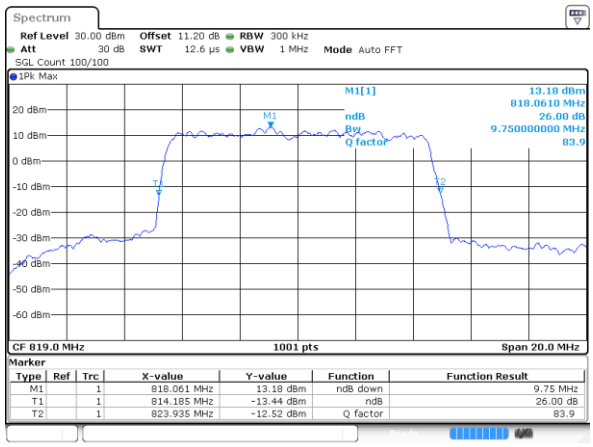
Middle Channel / 3MHz / 64QAM

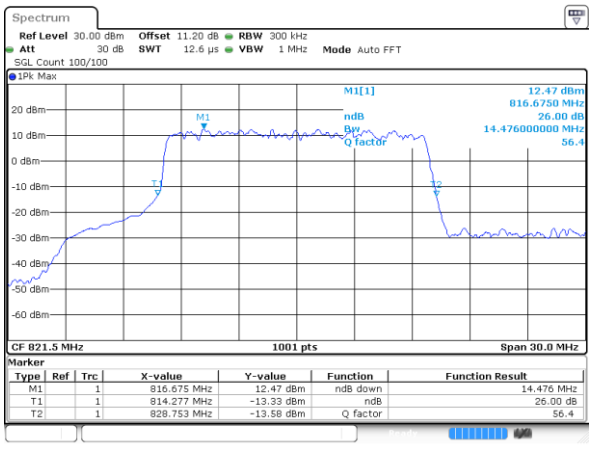
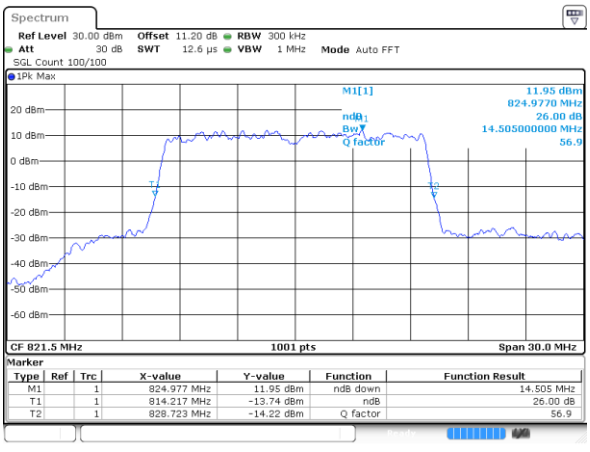
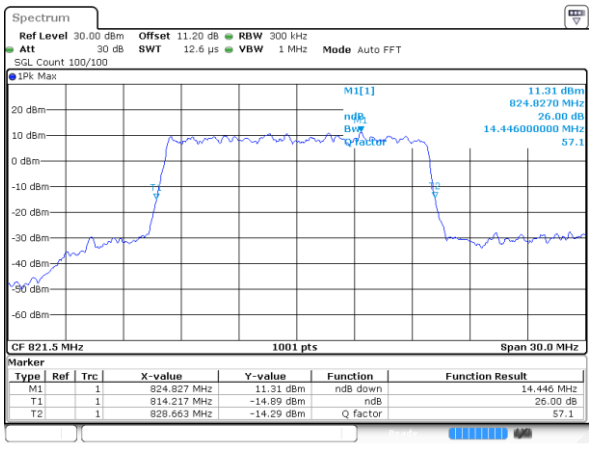


Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



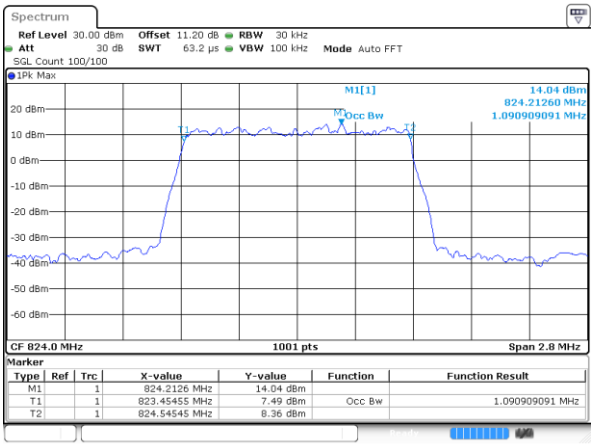
LTE Band 26	
Low Channel / 15MHz / QPSK	**Low Channel / 15MHz / 16QAM**
	
LTE Band 26	
Low Channel / 15MHz / 64QAM	
	

Occupied Bandwidth

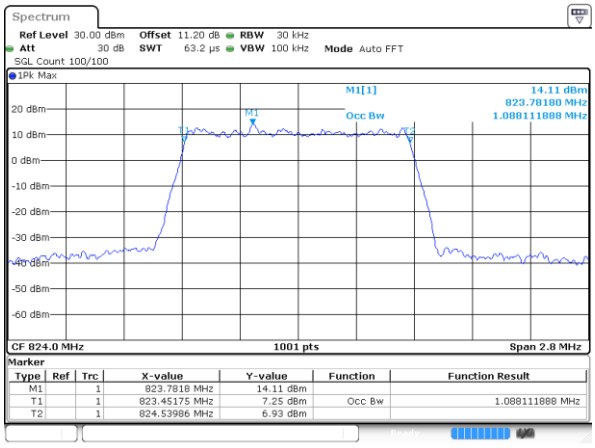
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	13.43	13.49	-	-
Middle CH	1.09	1.09	2.73	2.70	4.49	4.48	9.01	8.97	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Low CH	-	-	-	-	-	-	-	-	13.43	-	-	-
Middle CH	1.09	-	2.72	-	4.48	-	9.01	-	-	-	-	-

LTE Band 26

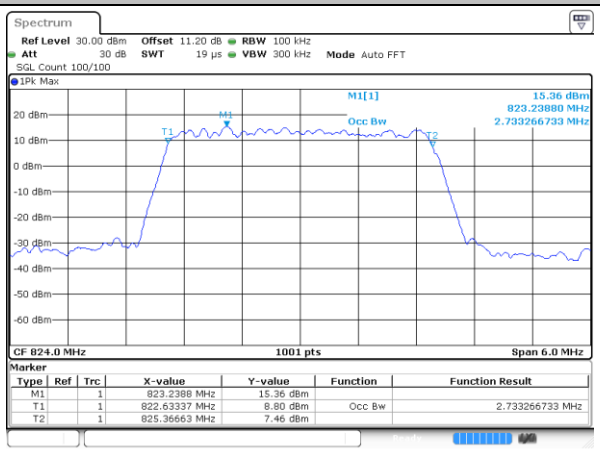
Middle Channel / 1.4MHz / QPSK



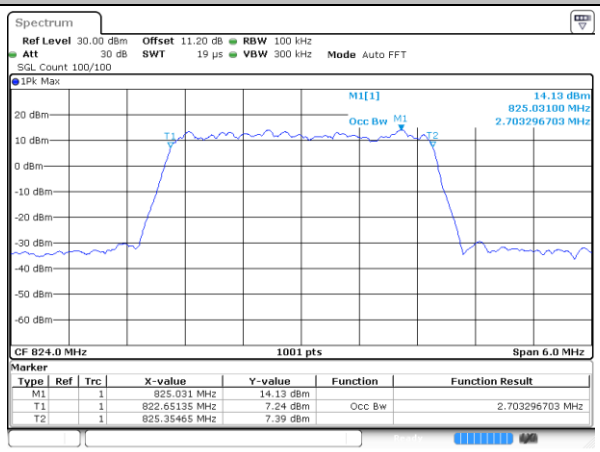
Middle Channel / 1.4MHz / 16QAM



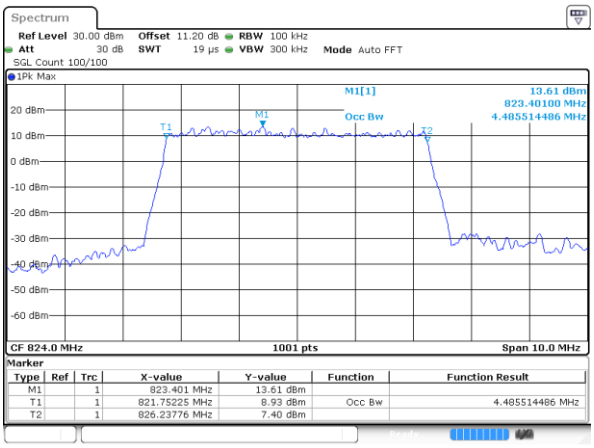
Middle Channel / 3MHz / QPSK



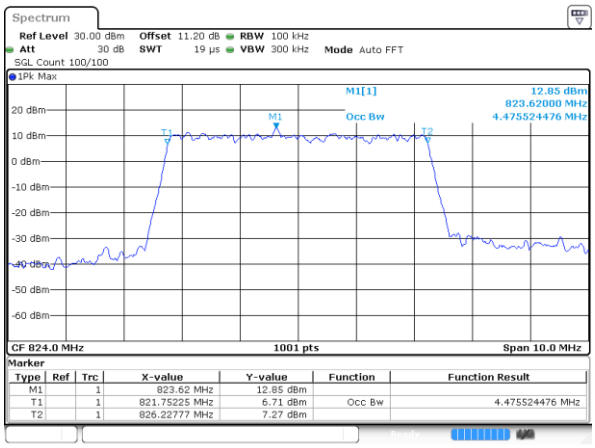
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

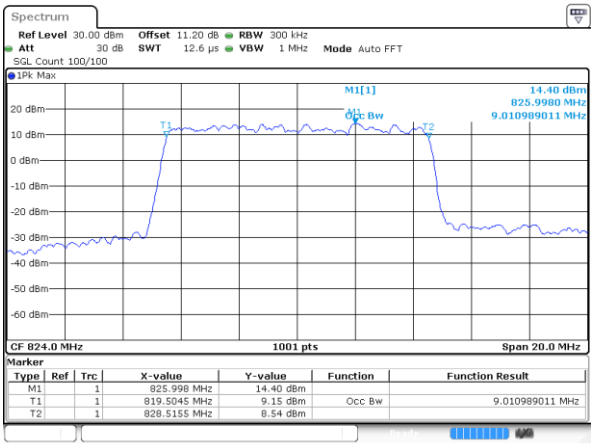


Middle Channel / 5MHz / 16QAM

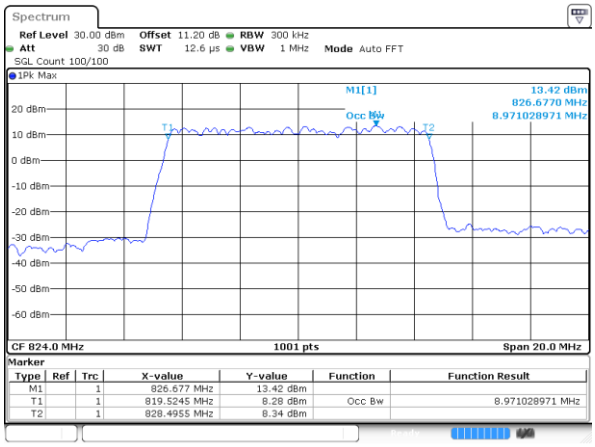


LTE Band 26

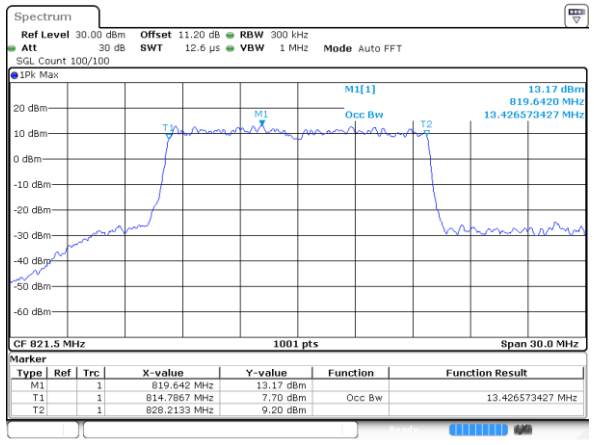
Middle Channel / 10MHz / QPSK



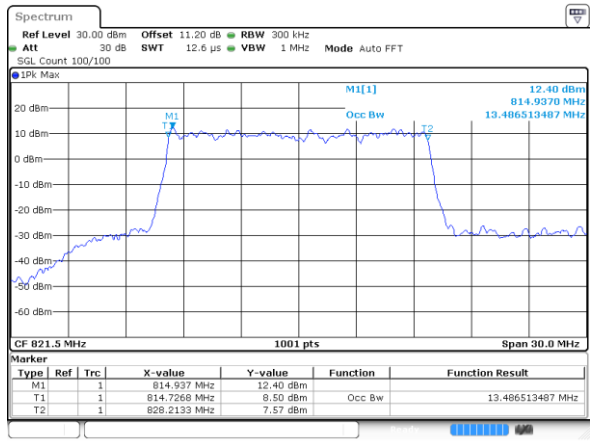
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK

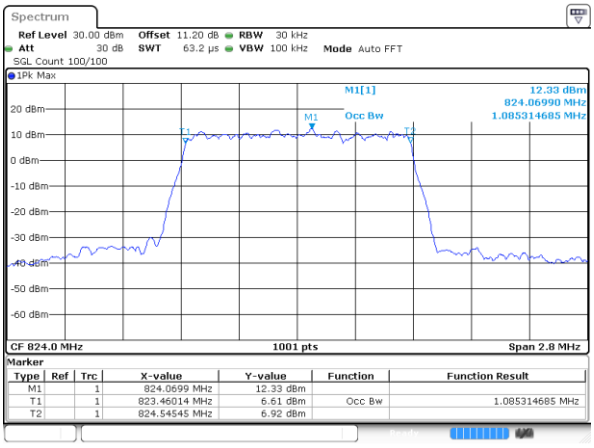


Low Channel / 15MHz / 16QAM

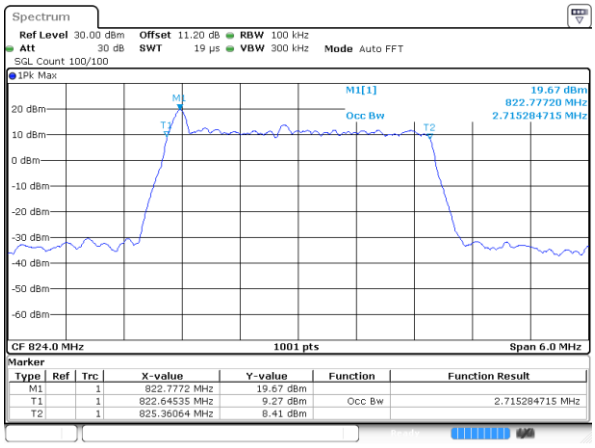


LTE Band 26

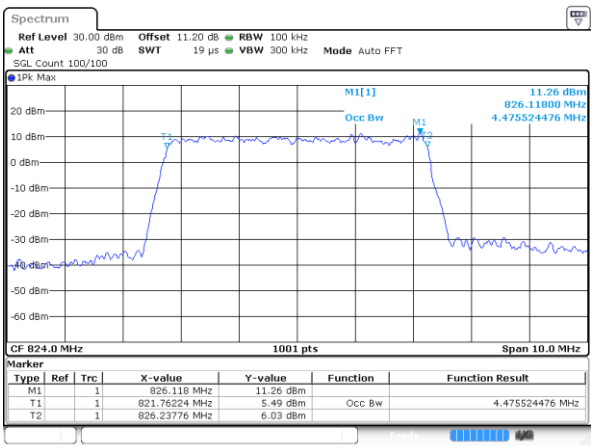
Middle Channel / 1.4MHz / 64QAM



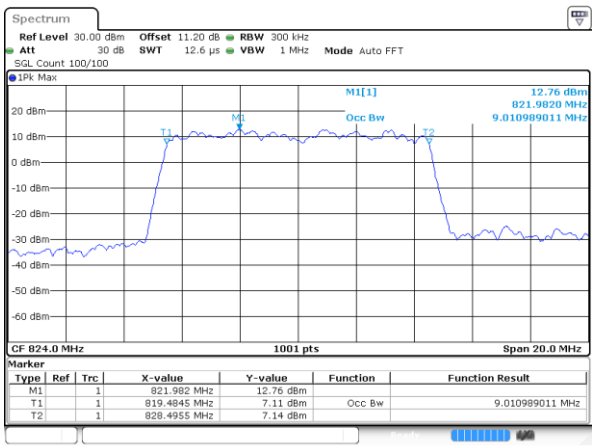
Middle Channel / 3MHz / 64QAM



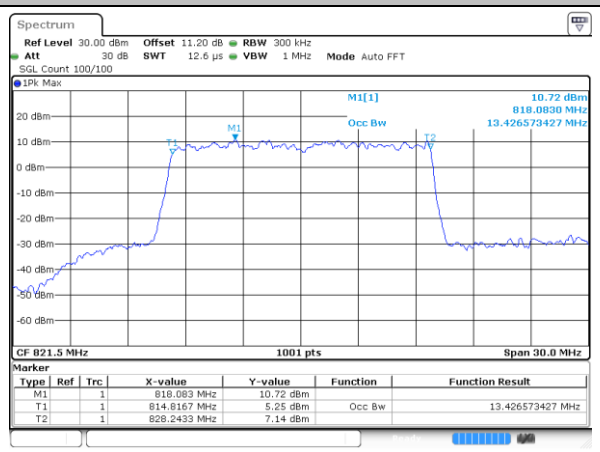
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



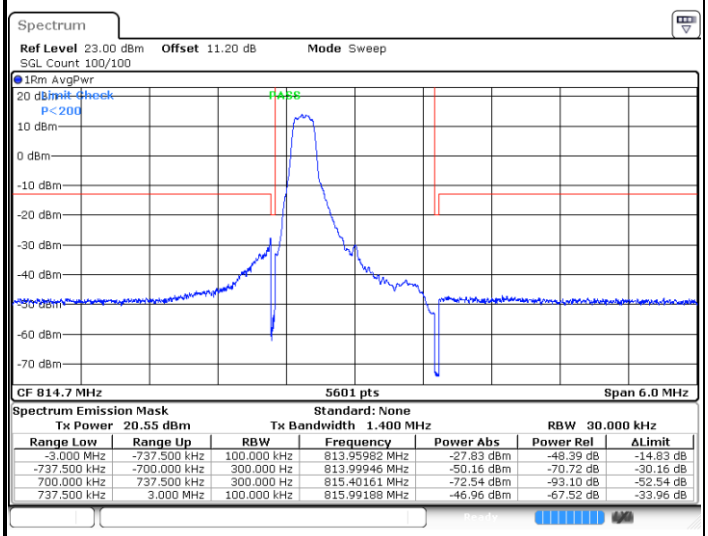
Low Channel / 5MHz / 64QAM



Emission masks – In-band emissions

LTE Band 26 / 1.4MHz / QPSK

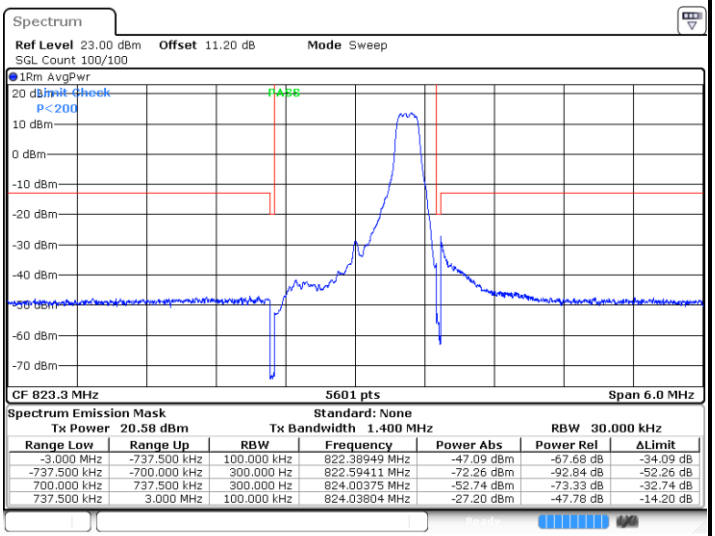
Lowest Band Edge / 1RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95982 MHz	-27.83 dBm	-48.39 dB	-14.83 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99946 MHz	-50.16 dBm	-70.72 dB	-30.16 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40161 MHz	-72.54 dBm	-93.10 dB	-52.54 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.99188 MHz	-46.96 dBm	-67.52 dB	-33.96 dB

Date: 25.MAR.2021 23:37:14

Highest Band Edge / 1RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.38949 MHz	-47.09 dBm	-67.68 dB	-34.09 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59411 MHz	-72.26 dBm	-92.84 dB	-52.26 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00375 MHz	-52.74 dBm	-73.33 dB	-32.74 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-27.20 dBm	-47.78 dB	-14.20 dB

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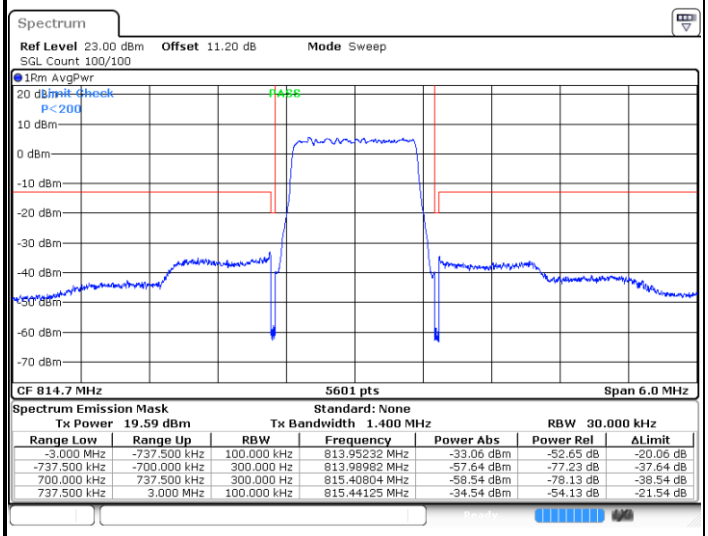
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95232 MHz	-33.06 dBm	-52.65 dB	-20.06 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.98982 MHz	-57.64 dBm	-77.23 dB	-37.64 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40804 MHz	-58.54 dBm	-78.13 dB	-38.54 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.44125 MHz	-34.54 dBm	-54.13 dB	-21.54 dB

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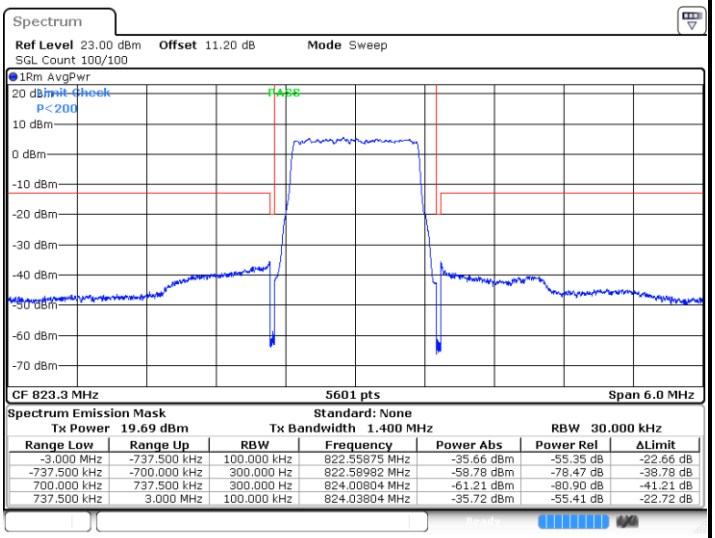
Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.55875 MHz	-35.66 dBm	-55.35 dB	-22.66 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.58982 MHz	-58.78 dBm	-78.47 dB	-38.78 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00804 MHz	-61.21 dBm	-80.90 dB	-41.21 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-35.72 dBm	-55.41 dB	-22.72 dB

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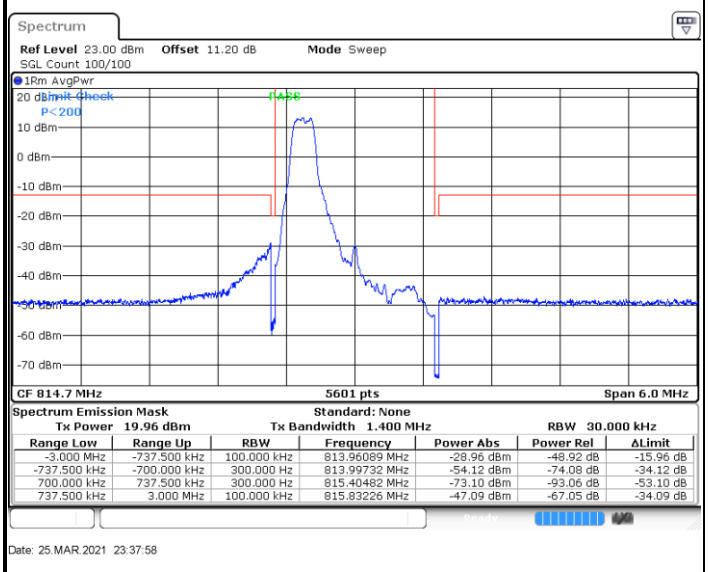
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Spectrum Emission Mask Standard: None
Tx Power 19.96 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.96089 MHz	-28.96 dBm	-48.92 dB	-15.96 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.99732 MHz	-54.12 dBm	-74.08 dB	-34.12 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.40482 MHz	-73.10 dBm	-93.06 dB	-53.10 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.83226 MHz	-47.09 dBm	-67.05 dB	-34.09 dB

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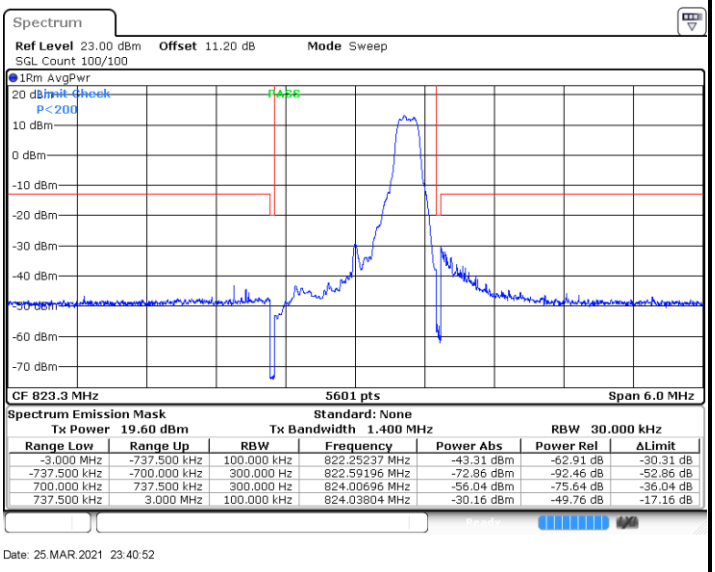
Highest Band Edge / 1 RB



Spectrum Emission Mask Standard: None
Tx Power 19.60 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.25237 MHz	-43.31 dBm	-62.91 dB	-30.31 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.59196 MHz	-72.86 dBm	-92.46 dB	-52.86 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00696 MHz	-56.04 dBm	-75.64 dB	-36.04 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-30.16 dBm	-49.76 dB	-17.16 dB

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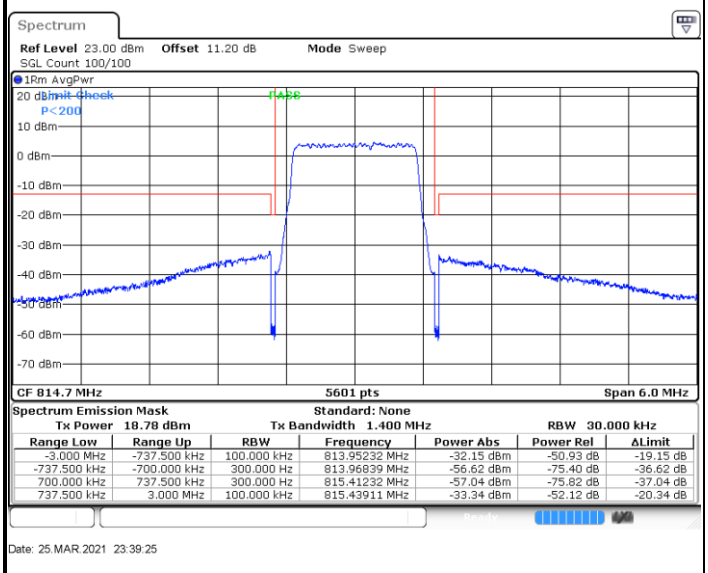
Lowest Band Edge / Full RB



Spectrum Emission Mask Standard: None
Tx Power 18.78 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95232 MHz	-32.15 dBm	-50.93 dB	-19.15 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.96839 MHz	-56.62 dBm	-75.40 dB	-36.62 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.41232 MHz	-57.04 dBm	-75.82 dB	-37.04 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.43911 MHz	-33.34 dBm	-52.12 dB	-20.34 dB

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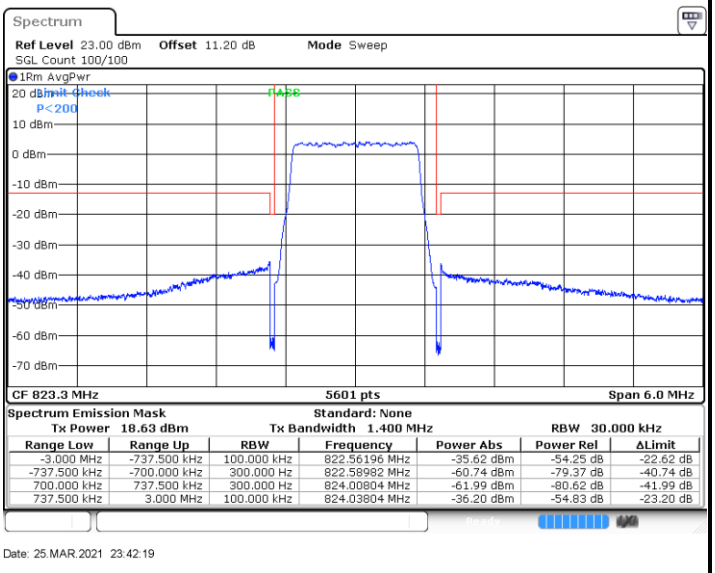
Highest Band Edge / Full RB



Spectrum Emission Mask Standard: None
Tx Power 18.63 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-35.62 dBm	-54.25 dB	-22.62 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.58982 MHz	-60.74 dBm	-79.37 dB	-40.74 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00804 MHz	-61.99 dBm	-80.62 dB	-41.99 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-36.20 dBm	-54.83 dB	-23.20 dB

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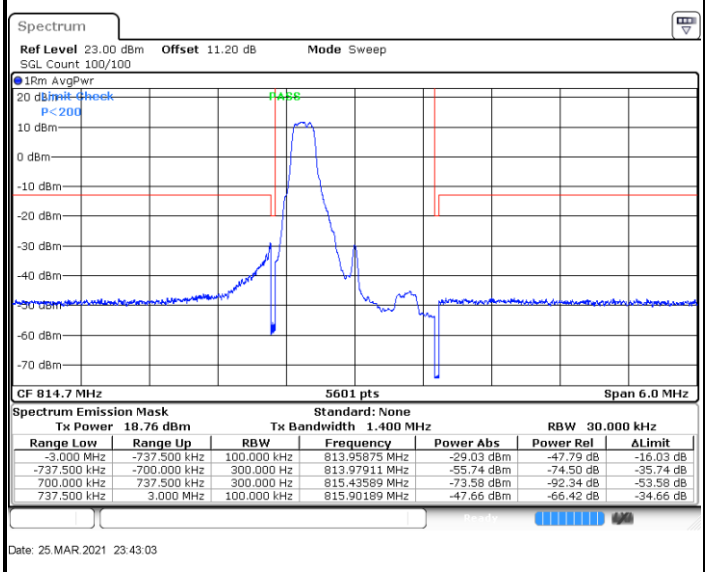
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Spectrum Emission Mask Standard: None
Tx Power 18.76 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.95875 MHz	-29.03 dBm	-47.79 dB	-16.03 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.97911 MHz	-55.74 dBm	-74.50 dB	-35.74 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.43589 MHz	-73.58 dBm	-92.34 dB	-53.58 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.90189 MHz	-47.66 dBm	-66.42 dB	-34.66 dB

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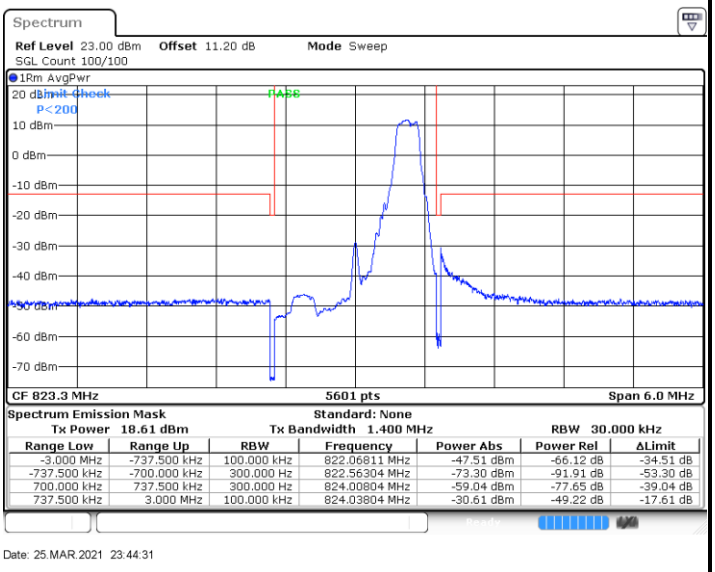
Highest Band Edge / 1 RB



Spectrum Emission Mask Standard: None
Tx Power 18.61 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.06811 MHz	-47.51 dBm	-66.12 dB	-34.51 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.56304 MHz	-73.30 dBm	-91.91 dB	-53.30 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00804 MHz	-59.04 dBm	-77.65 dB	-39.04 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.03804 MHz	-30.61 dBm	-49.22 dB	-17.61 dB

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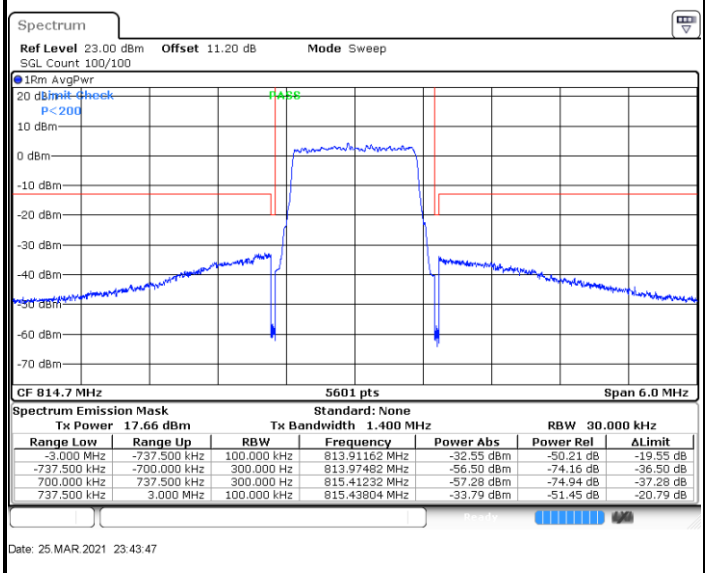
Lowest Band Edge / Full RB

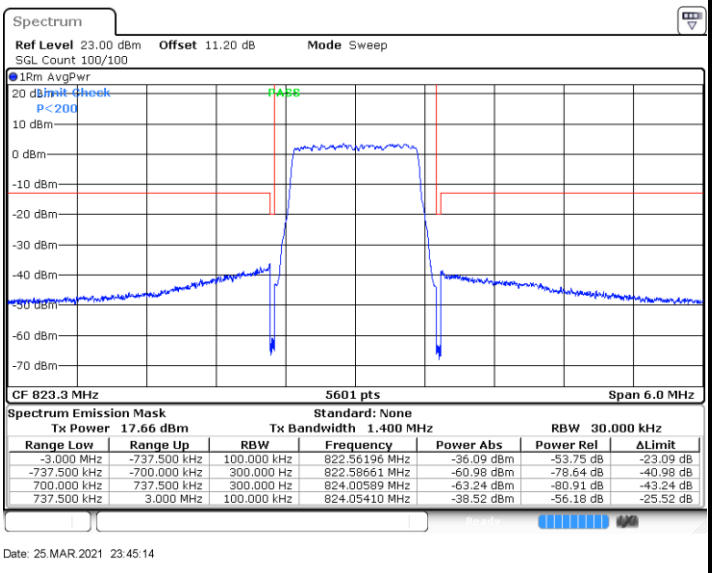


Spectrum Emission Mask Standard: None
Tx Power 17.66 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	813.91162 MHz	-32.55 dBm	-50.21 dB	-19.55 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	813.97482 MHz	-56.50 dBm	-74.16 dB	-36.50 dB
700.000 kHz	737.500 kHz	300.000 Hz	815.41232 MHz	-57.28 dBm	-74.94 dB	-37.28 dB
737.500 kHz	3.000 MHz	100.000 kHz	815.43804 MHz	-33.79 dBm	-51.45 dB	-20.79 dB

Date: 25.MAR.2021 23:43:47

Highest Band Edge / Full RB



Spectrum Emission Mask Standard: None
Tx Power 17.66 dBm Tx Bandwidth 1.400 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-3.000 MHz	-737.500 kHz	100.000 kHz	822.56196 MHz	-36.09 dBm	-53.75 dB	-23.09 dB
-737.500 kHz	-700.000 kHz	300.000 Hz	822.58661 MHz	-60.98 dBm	-78.64 dB	-40.98 dB
700.000 kHz	737.500 kHz	300.000 Hz	824.00589 MHz	-63.24 dBm	-80.91 dB	-43.24 dB
737.500 kHz	3.000 MHz	100.000 kHz	824.05410 MHz	-38.52 dBm	-56.18 dB	-25.52 dB

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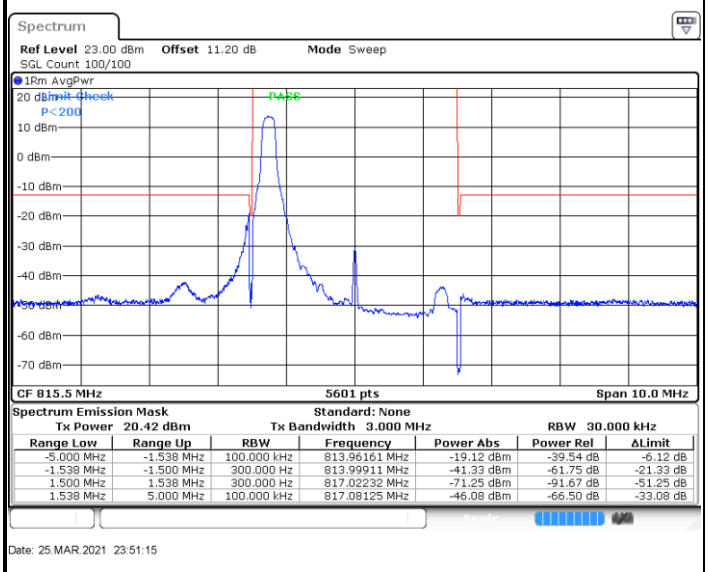
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB

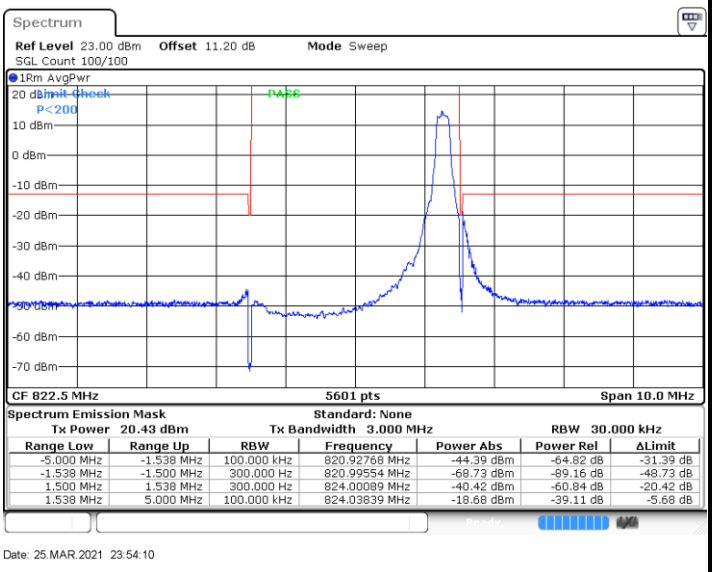


Spectrum Emission Mask Standard: None
Tx Power 20.42 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.96161 MHz	-19.12 dBm	-39.54 dB	-6.12 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99911 MHz	-41.33 dBm	-61.75 dB	-21.33 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.02232 MHz	-71.25 dBm	-91.67 dB	-51.25 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.08125 MHz	-46.08 dBm	-66.50 dB	-33.08 dB

Date: 25.MAR.2021 23:51:15

Highest Band Edge / 1 RB

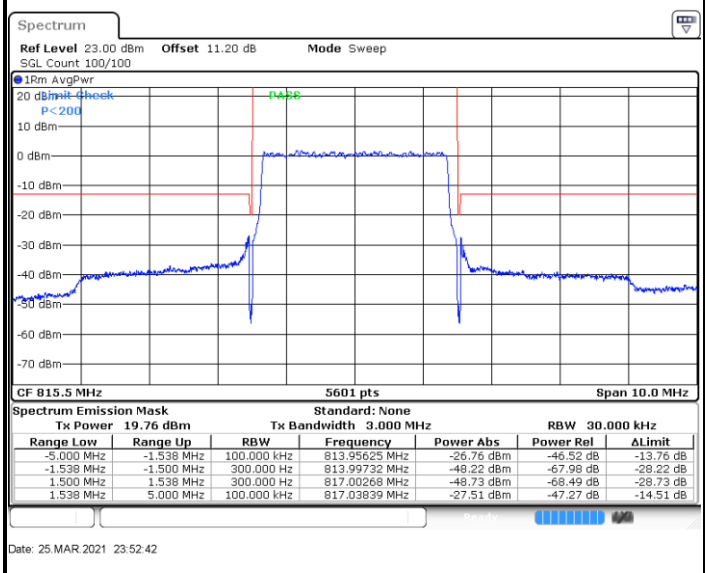


Spectrum Emission Mask Standard: None
Tx Power 20.43 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.92768 MHz	-44.39 dBm	-64.82 dB	-31.39 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99554 MHz	-68.73 dBm	-89.16 dB	-48.73 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00089 MHz	-40.42 dBm	-60.84 dB	-20.42 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.03839 MHz	-18.68 dBm	-39.11 dB	-5.68 dB

Date: 25.MAR.2021 23:54:10

Lowest Band Edge / Full RB

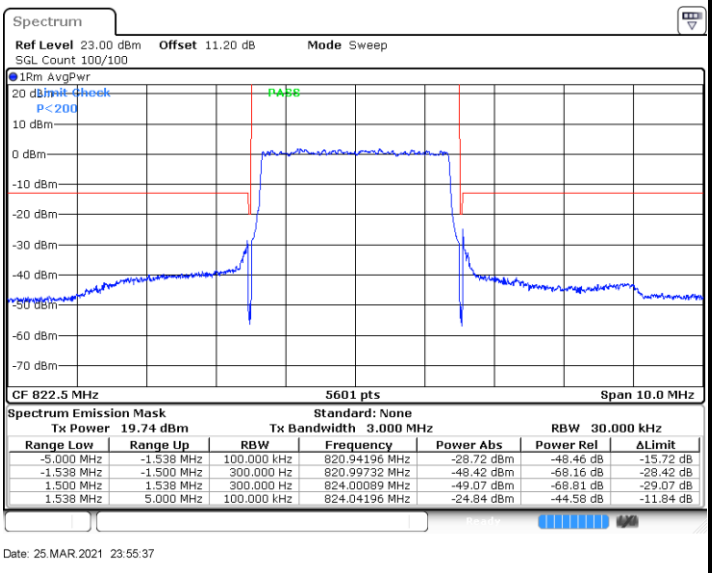


Spectrum Emission Mask Standard: None
Tx Power 19.76 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.95625 MHz	-26.76 dBm	-46.52 dB	-13.76 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99732 MHz	-48.22 dBm	-67.98 dB	-28.22 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.00268 MHz	-48.73 dBm	-68.49 dB	-28.73 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.03839 MHz	-27.51 dBm	-47.27 dB	-14.51 dB

Date: 25.MAR.2021 23:52:42

Highest Band Edge / Full RB



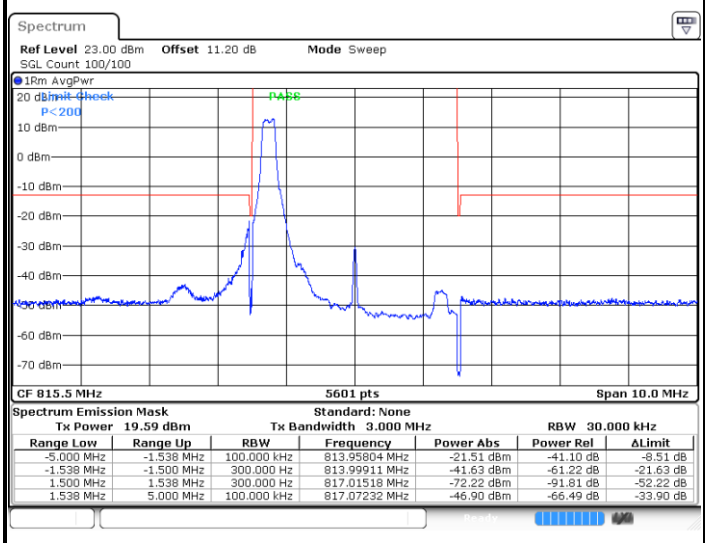
Spectrum Emission Mask Standard: None
Tx Power 19.74 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.94196 MHz	-28.72 dBm	-48.46 dB	-15.72 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99732 MHz	-48.42 dBm	-68.16 dB	-28.42 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00089 MHz	-49.07 dBm	-68.81 dB	-29.07 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.04196 MHz	-24.84 dBm	-44.58 dB	-11.84 dB

Date: 25.MAR.2021 23:55:37

LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

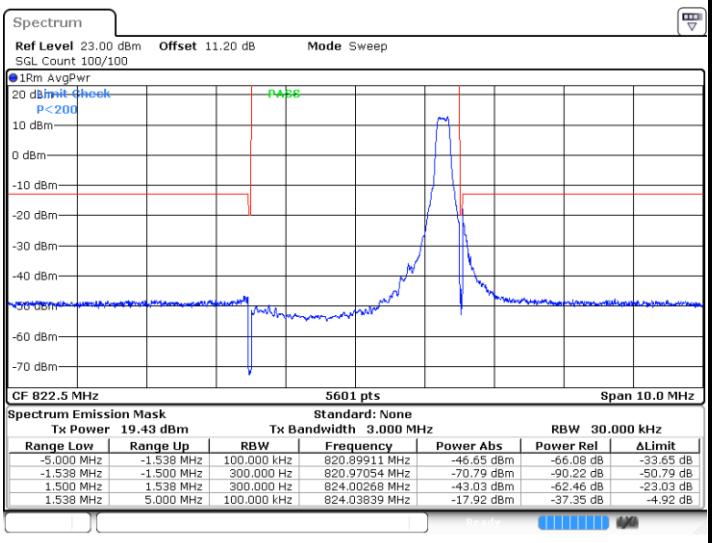


Spectrum Emission Mask Standard: None
Tx Power 19.59 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.95804 MHz	-21.51 dBm	-41.10 dB	-8.51 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99911 MHz	-41.63 dBm	-61.22 dB	-21.63 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.01518 MHz	-72.22 dBm	-91.81 dB	-52.22 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.07232 MHz	-46.90 dBm	-66.49 dB	-33.90 dB

Date: 25.MAR.2021 23:51:59

Highest Band Edge /1 RB

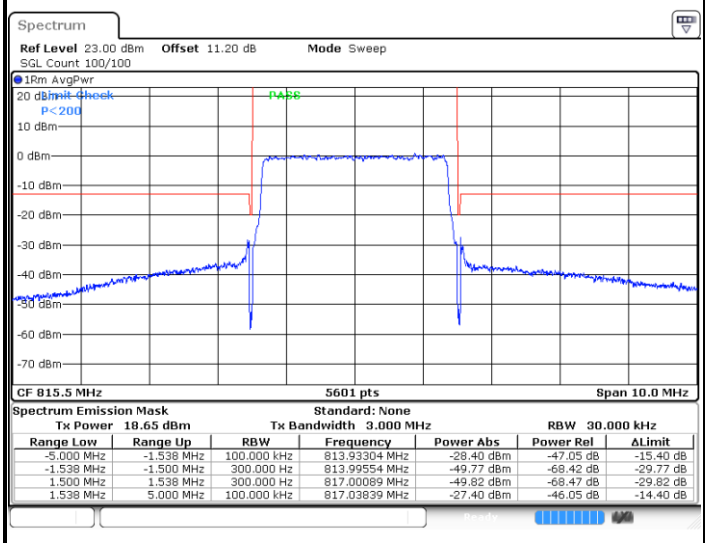


Spectrum Emission Mask Standard: None
Tx Power 19.43 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.89911 MHz	-46.65 dBm	-66.08 dB	-33.65 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.97054 MHz	-70.79 dBm	-90.22 dB	-50.79 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00268 MHz	-43.03 dBm	-62.46 dB	-23.03 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.03839 MHz	-17.92 dBm	-37.35 dB	-4.92 dB

Date: 25.MAR.2021 23:54:53

Lowest Band Edge / Full RB

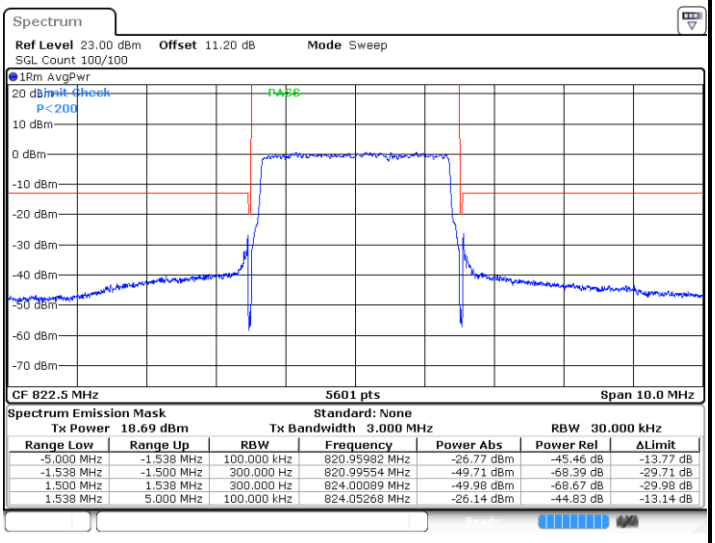


Spectrum Emission Mask Standard: None
Tx Power 18.65 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.93304 MHz	-28.40 dBm	-47.05 dB	-15.40 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99554 MHz	-49.77 dBm	-68.42 dB	-29.77 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.00089 MHz	-49.82 dBm	-68.47 dB	-29.82 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.03839 MHz	-27.40 dBm	-46.05 dB	-14.40 dB

Date: 25.MAR.2021 23:53:26

Highest Band Edge / Full RB



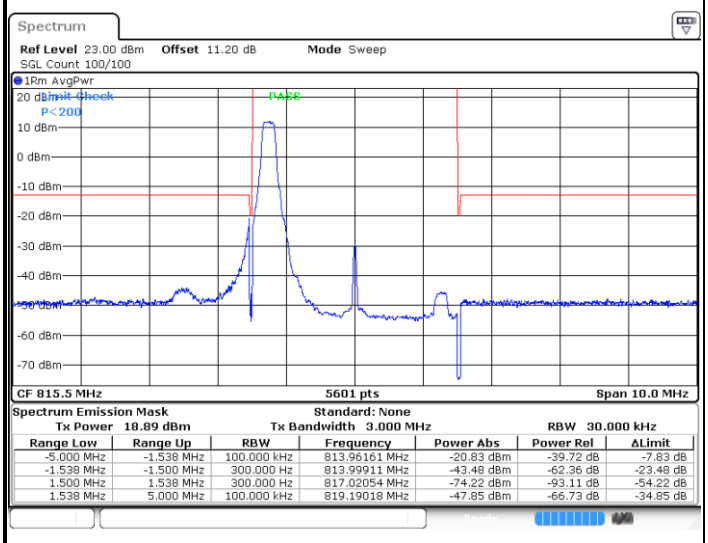
Spectrum Emission Mask Standard: None
Tx Power 18.69 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.95982 MHz	-26.77 dBm	-45.46 dB	-13.77 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99554 MHz	-49.71 dBm	-68.39 dB	-29.71 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00089 MHz	-49.98 dBm	-68.67 dB	-29.98 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.05268 MHz	-26.14 dBm	-44.83 dB	-13.14 dB

Date: 25.MAR.2021 23:56:21

LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

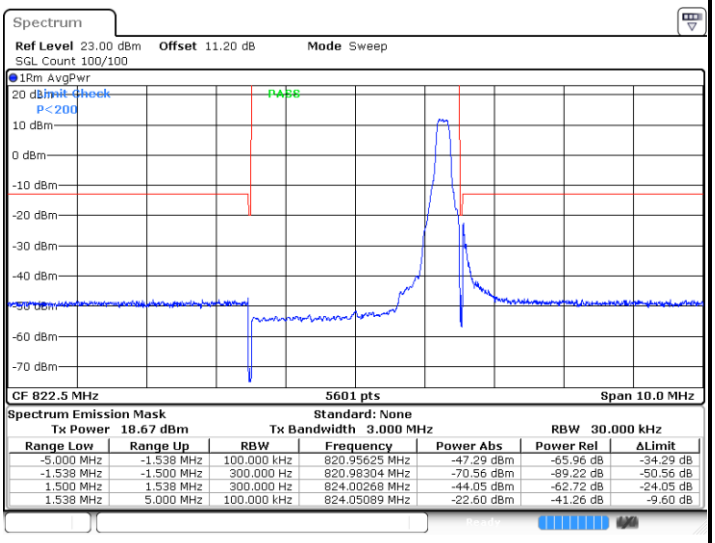


Spectrum Emission Mask Standard: None
Tx Power 18.89 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.96161 MHz	-20.83 dBm	-39.72 dB	-7.83 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99911 MHz	-43.48 dBm	-62.36 dB	-23.48 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.02054 MHz	-74.22 dBm	-93.11 dB	-54.22 dB
1.538 MHz	5.000 MHz	100.000 kHz	819.19018 MHz	-47.85 dBm	-66.73 dB	-34.85 dB

Date: 25.MAR.2021 23:57:05

Highest Band Edge /1 RB

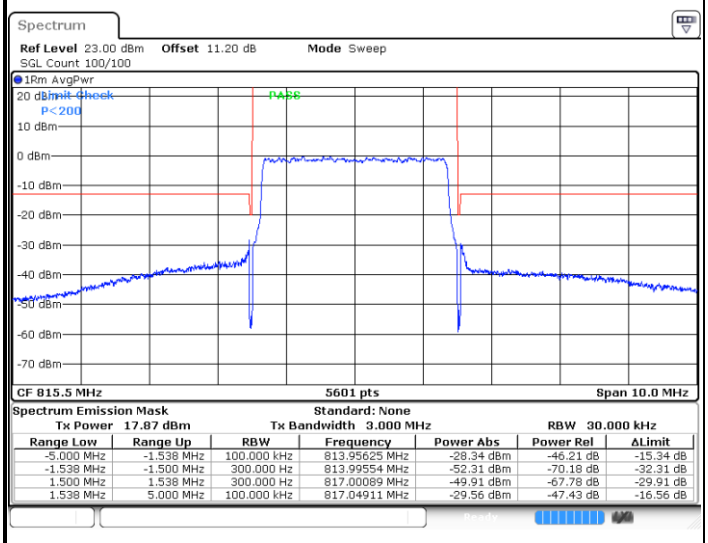


Spectrum Emission Mask Standard: None
Tx Power 18.67 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.95625 MHz	-47.29 dBm	-65.96 dB	-34.29 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.98304 MHz	-70.56 dBm	-89.22 dB	-50.56 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00268 MHz	-44.05 dBm	-62.72 dB	-24.05 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.05089 MHz	-22.60 dBm	-41.26 dB	-9.60 dB

Date: 25.MAR.2021 23:58:33

Lowest Band Edge / Full RB

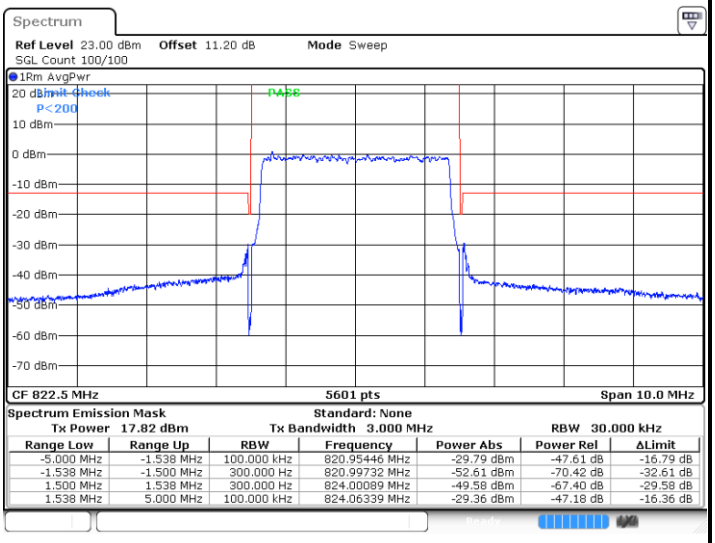


Spectrum Emission Mask Standard: None
Tx Power 17.87 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	813.95625 MHz	-28.34 dBm	-46.21 dB	-15.34 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	813.99554 MHz	-52.31 dBm	-70.18 dB	-32.31 dB
1.500 MHz	1.538 MHz	300.000 Hz	817.00089 MHz	-49.91 dBm	-67.78 dB	-29.91 dB
1.538 MHz	5.000 MHz	100.000 kHz	817.04911 MHz	-29.56 dBm	-47.43 dB	-16.56 dB

Date: 25.MAR.2021 23:57:49

Highest Band Edge / Full RB



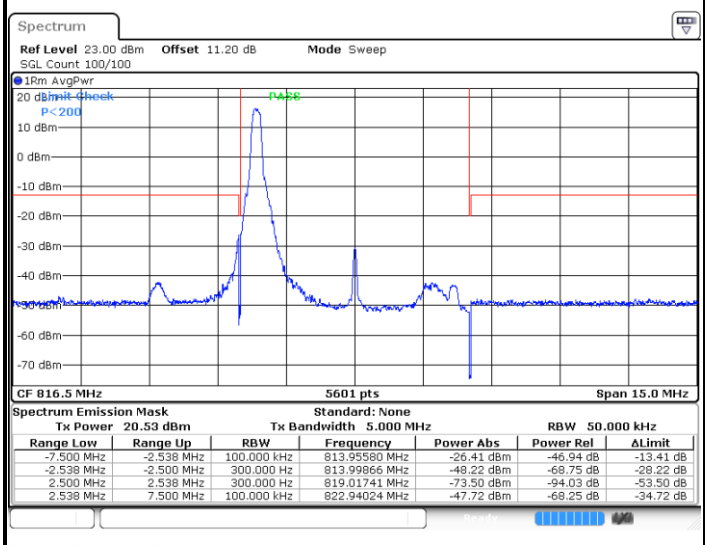
Spectrum Emission Mask Standard: None
Tx Power 17.82 dBm Tx Bandwidth 3.000 MHz RBW 30.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-5.000 MHz	-1.538 MHz	100.000 kHz	820.95446 MHz	-29.79 dBm	-47.61 dB	-16.79 dB
-1.538 MHz	-1.500 MHz	300.000 Hz	820.99732 MHz	-52.61 dBm	-70.42 dB	-32.61 dB
1.500 MHz	1.538 MHz	300.000 Hz	824.00089 MHz	-49.58 dBm	-67.40 dB	-29.58 dB
1.538 MHz	5.000 MHz	100.000 kHz	824.06339 MHz	-29.36 dBm	-47.18 dB	-16.36 dB

Date: 25.MAR.2021 23:59:17

LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB

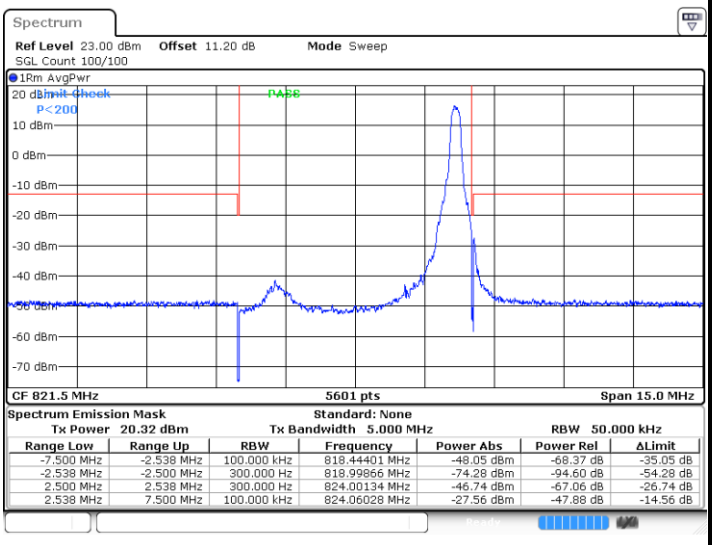


Spectrum Emission Mask Standard: None
Tx Power 20.53 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95580 MHz	-26.41 dBm	-46.94 dB	-13.41 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-48.22 dBm	-68.75 dB	-28.22 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01741 MHz	-73.50 dBm	-94.03 dB	-53.50 dB
2.538 MHz	7.500 MHz	100.000 kHz	822.94024 MHz	-47.72 dBm	-68.25 dB	-34.72 dB

Date: 26.MAR.2021 00:05:07

Highest Band Edge / 1 RB

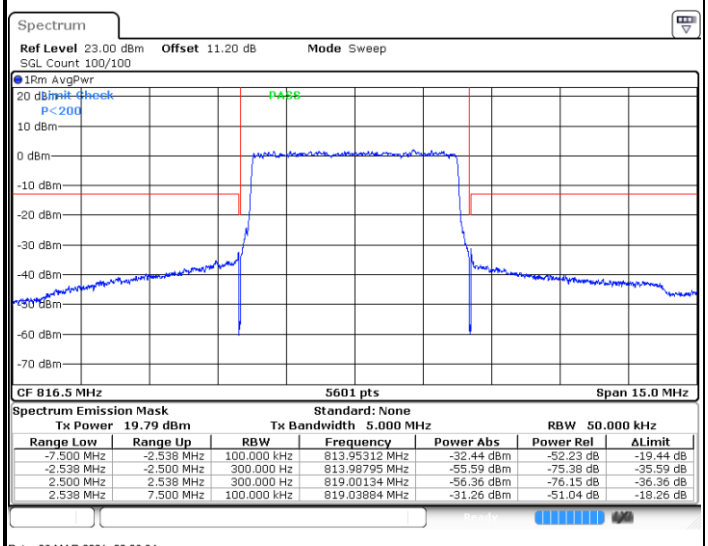


Spectrum Emission Mask Standard: None
Tx Power 20.32 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.44401 MHz	-48.05 dBm	-68.37 dB	-35.05 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-74.28 dBm	-94.60 dB	-54.28 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-46.74 dBm	-67.06 dB	-26.74 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.06028 MHz	-27.56 dBm	-47.88 dB	-14.56 dB

Date: 26.MAR.2021 00:08:02

Lowest Band Edge / Full RB

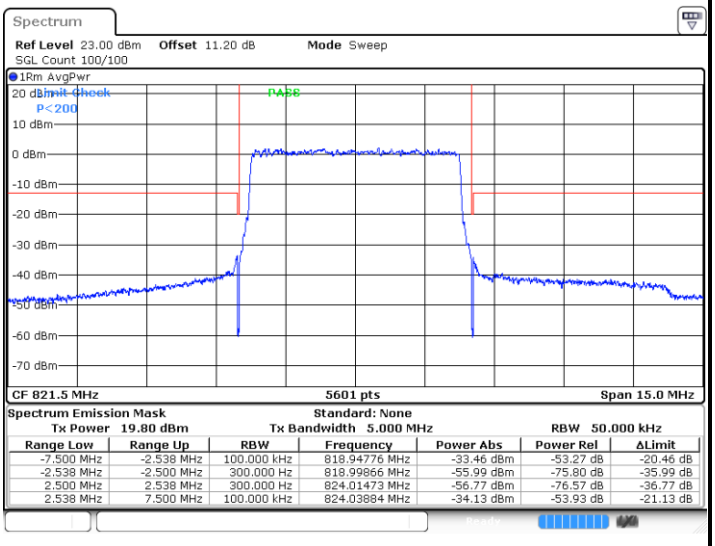


Spectrum Emission Mask Standard: None
Tx Power 19.79 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95312 MHz	-32.44 dBm	-52.23 dB	-19.44 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.98795 MHz	-55.59 dBm	-75.38 dB	-35.59 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.00134 MHz	-56.36 dBm	-76.15 dB	-36.36 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.03884 MHz	-31.26 dBm	-51.04 dB	-18.26 dB

Date: 26.MAR.2021 00:06:34

Highest Band Edge / Full RB



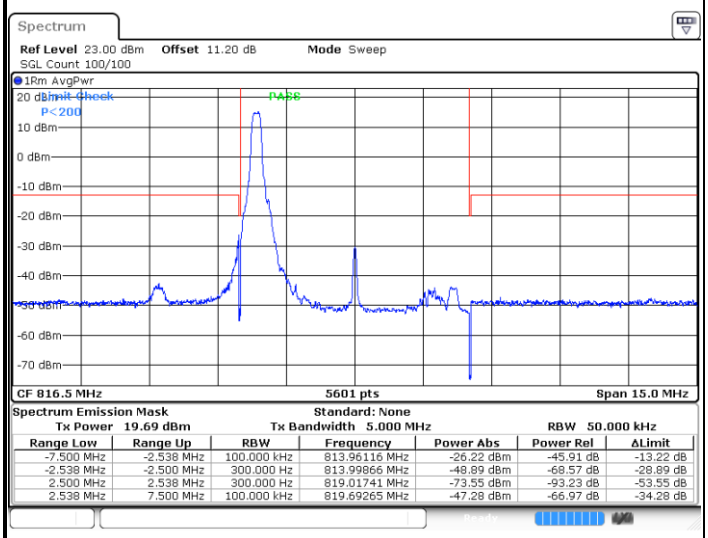
Spectrum Emission Mask Standard: None
Tx Power 19.80 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.94776 MHz	-33.46 dBm	-53.27 dB	-20.46 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-55.99 dBm	-75.80 dB	-35.99 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01473 MHz	-56.77 dBm	-76.57 dB	-36.77 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.03884 MHz	-34.13 dBm	-53.93 dB	-21.13 dB

Date: 26.MAR.2021 00:09:30

LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB

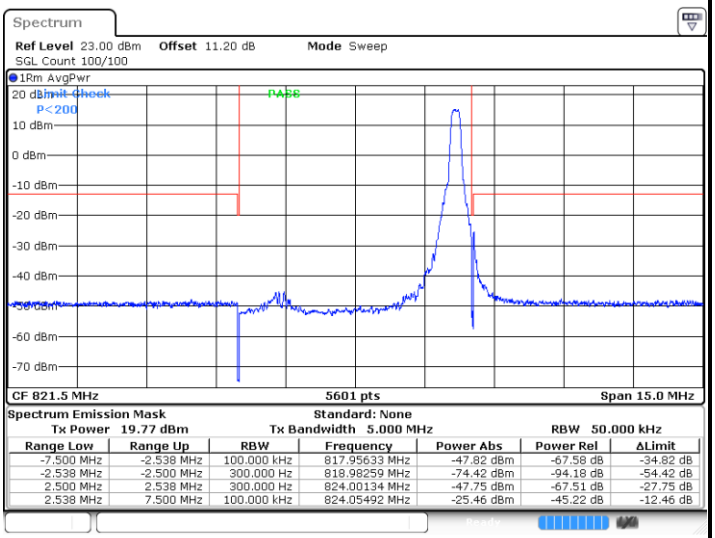


Spectrum Emission Mask Standard: None
Tx Power 19.69 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.96116 MHz	-26.22 dBm	-45.91 dB	-13.22 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-48.89 dBm	-68.57 dB	-28.89 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01741 MHz	-73.55 dBm	-93.23 dB	-53.55 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.69265 MHz	-47.28 dBm	-66.97 dB	-34.28 dB

Date: 26.MAR.2021 00:05:51

Highest Band Edge / 1 RB

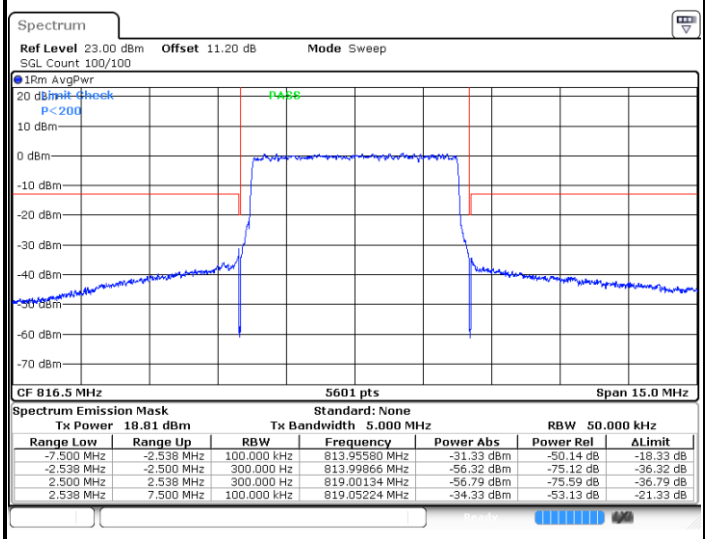


Spectrum Emission Mask Standard: None
Tx Power 19.77 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	817.95633 MHz	-47.82 dBm	-67.58 dB	-34.82 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.98259 MHz	-74.42 dBm	-94.18 dB	-54.42 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-47.75 dBm	-67.51 dB	-27.75 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.05492 MHz	-25.46 dBm	-45.22 dB	-12.46 dB

Date: 26.MAR.2021 00:08:46

Lowest Band Edge / Full RB

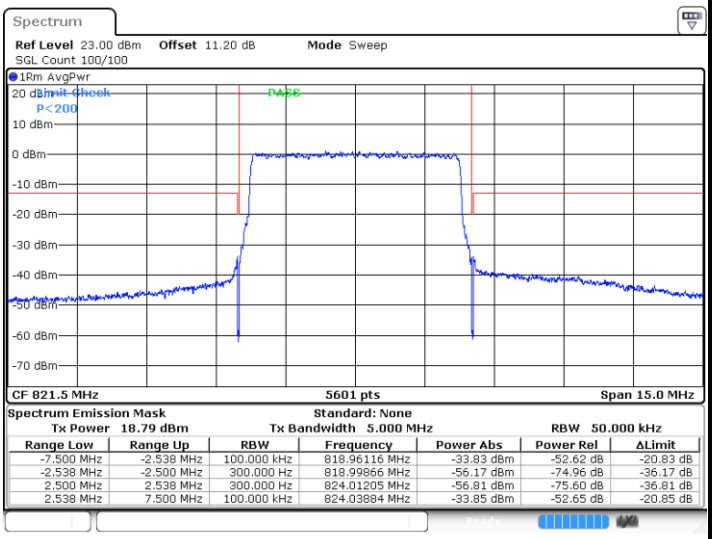


Spectrum Emission Mask Standard: None
Tx Power 18.81 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95580 MHz	-31.33 dBm	-50.14 dB	-18.33 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-56.32 dBm	-75.12 dB	-36.32 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.00134 MHz	-56.79 dBm	-75.59 dB	-36.79 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.05224 MHz	-34.33 dBm	-53.13 dB	-21.33 dB

Date: 26.MAR.2021 00:07:18

Highest Band Edge / Full RB



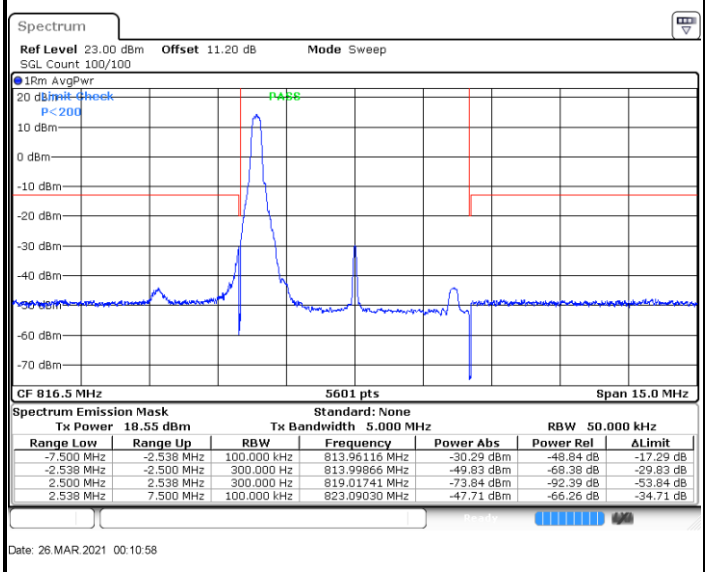
Spectrum Emission Mask Standard: None
Tx Power 18.79 dBm Tx Bandwidth 5.000 MHz RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.96116 MHz	-33.83 dBm	-52.62 dB	-20.83 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-56.17 dBm	-74.96 dB	-36.17 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01205 MHz	-56.81 dBm	-75.60 dB	-36.81 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.03884 MHz	-33.85 dBm	-52.65 dB	-20.85 dB

Date: 26.MAR.2021 00:10:14

LTE Band 26 / 5MHz / 64QAM

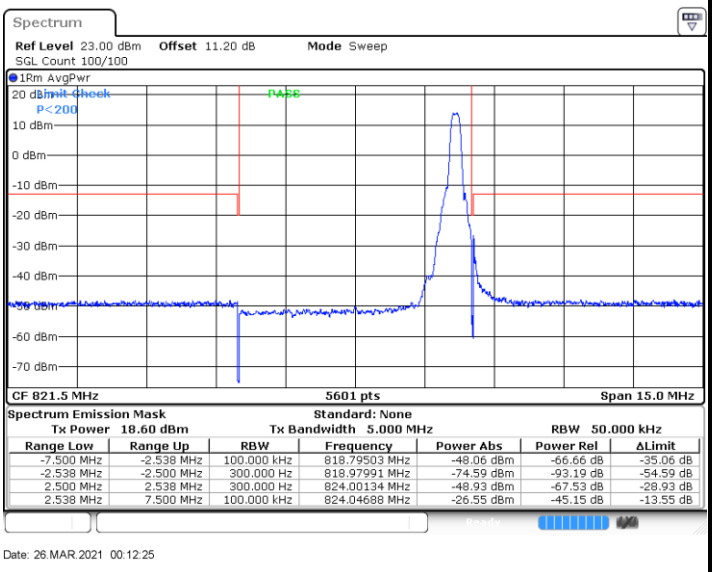
Lowest Band Edge / 1RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.96116 MHz	-30.29 dBm	-48.84 dB	-17.29 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-49.83 dBm	-68.38 dB	-29.83 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01741 MHz	-73.84 dBm	-92.39 dB	-53.84 dB
2.538 MHz	7.500 MHz	100.000 kHz	823.09030 MHz	-47.71 dBm	-66.26 dB	-34.71 dB

Date: 26.MAR.2021 00:10:58

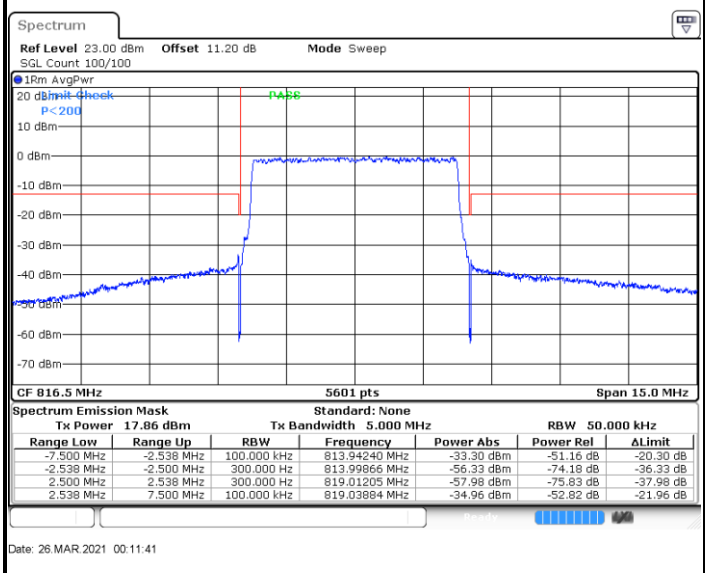
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.79503 MHz	-48.06 dBm	-66.66 dB	-35.06 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.97991 MHz	-74.59 dBm	-93.19 dB	-54.59 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-48.93 dBm	-67.53 dB	-28.93 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.04688 MHz	-26.55 dBm	-45.15 dB	-13.55 dB

Date: 26.MAR.2021 00:12:25

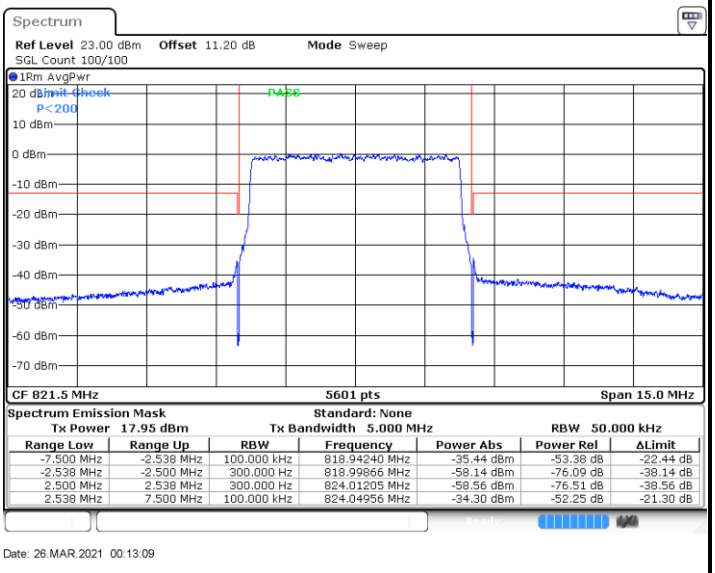
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.94240 MHz	-33.30 dBm	-51.16 dB	-20.30 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-56.33 dBm	-74.18 dB	-36.33 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.01205 MHz	-57.98 dBm	-75.83 dB	-37.98 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.03884 MHz	-34.96 dBm	-52.82 dB	-21.96 dB

Date: 26.MAR.2021 00:11:41

Highest Band Edge / Full RB

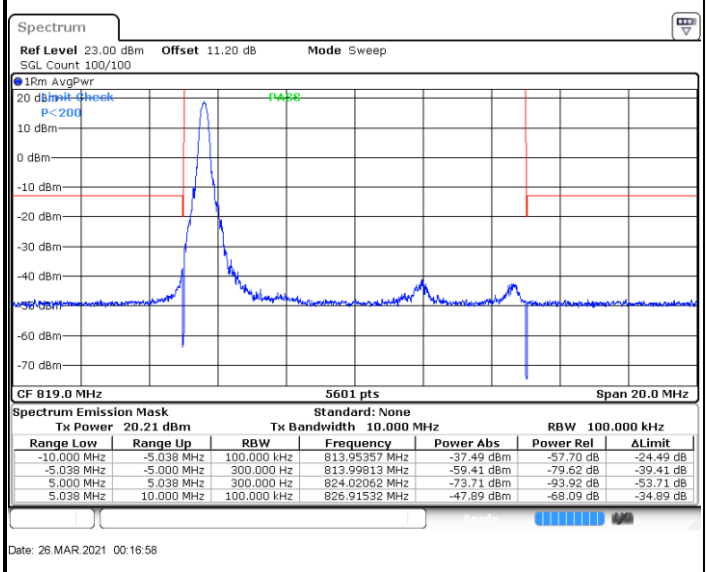


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.94240 MHz	-35.44 dBm	-53.38 dB	-22.44 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-58.14 dBm	-76.09 dB	-38.14 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.01205 MHz	-58.56 dBm	-76.51 dB	-38.56 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.04956 MHz	-34.30 dBm	-52.25 dB	-21.30 dB

Date: 26.MAR.2021 00:13:09

LTE Band 26 / 10MHz / QPSK

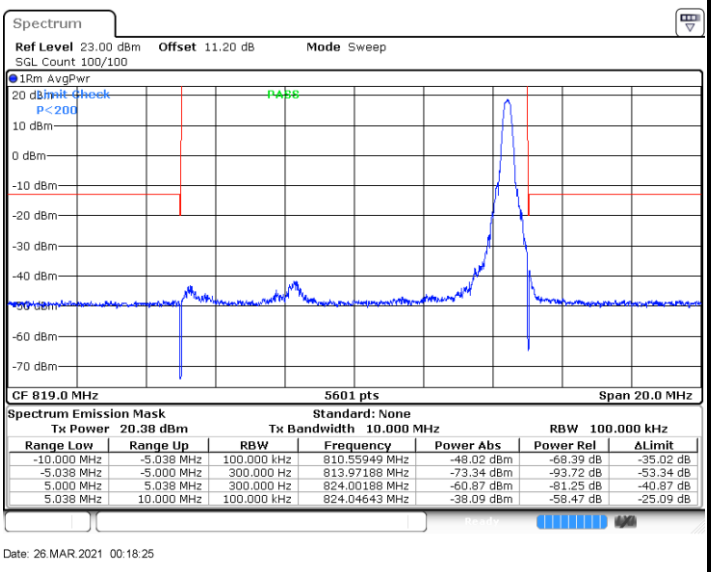
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95357 MHz	-37.49 dBm	-57.70 dB	-24.49 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-59.41 dBm	-79.62 dB	-39.41 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.02062 MHz	-73.71 dBm	-93.92 dB	-53.71 dB
5.038 MHz	10.000 MHz	100.000 kHz	826.91532 MHz	-47.89 dBm	-68.09 dB	-34.89 dB

Date: 26.MAR.2021 00:16:58

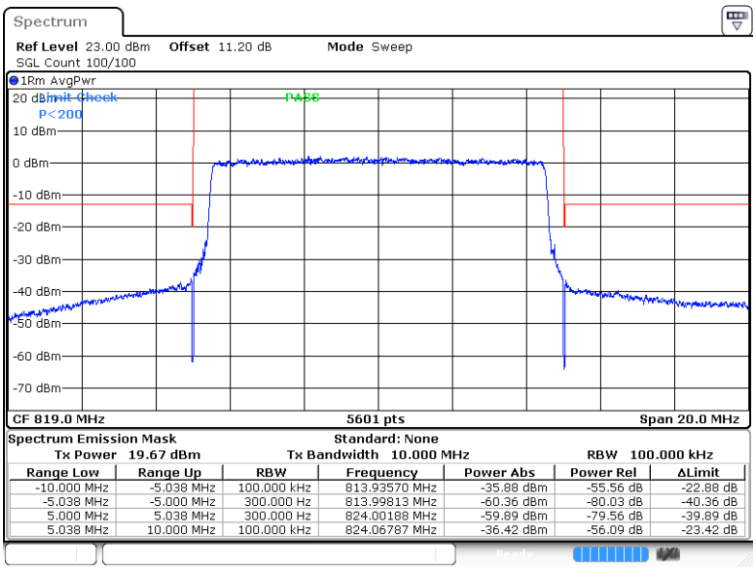
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	810.55949 MHz	-48.02 dBm	-68.39 dB	-35.02 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.97188 MHz	-73.34 dBm	-93.72 dB	-53.34 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-60.87 dBm	-81.25 dB	-40.87 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.04643 MHz	-38.09 dBm	-58.47 dB	-25.09 dB

Date: 26.MAR.2021 00:18:25

Lowest Band Edge / Full RB

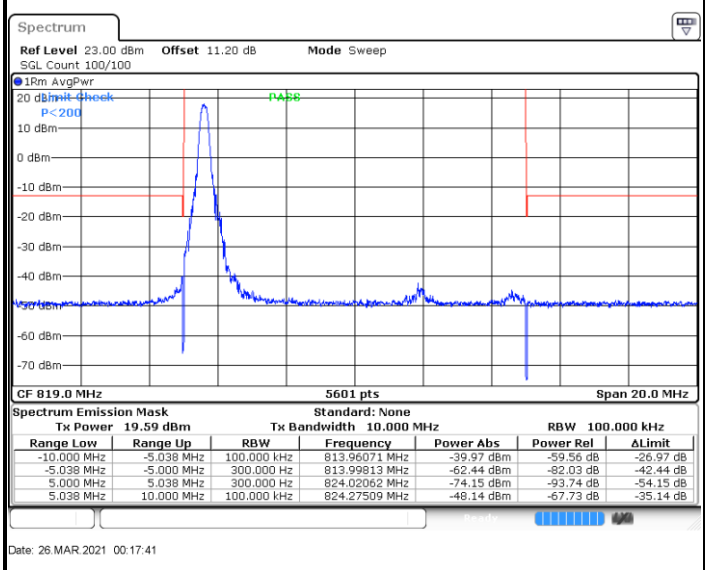


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93570 MHz	-35.88 dBm	-55.56 dB	-22.88 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-60.36 dBm	-80.03 dB	-40.36 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-59.89 dBm	-79.56 dB	-39.89 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.06787 MHz	-36.42 dBm	-56.09 dB	-23.42 dB

Date: 26.MAR.2021 00:19:51

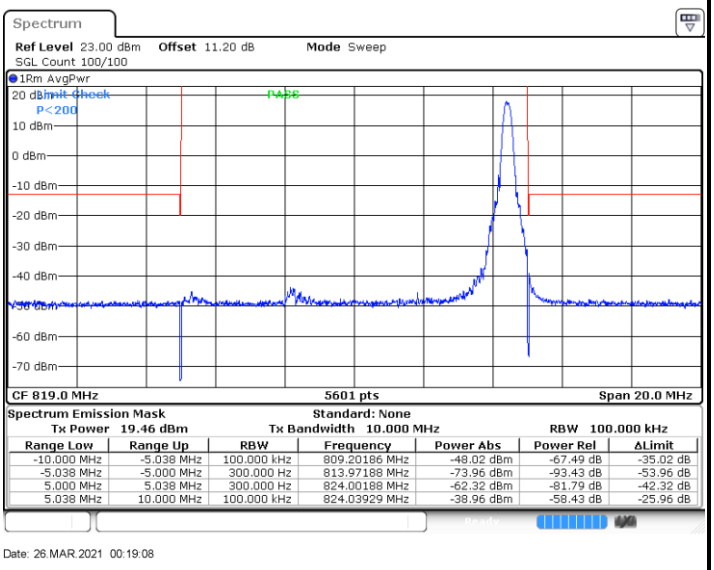
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



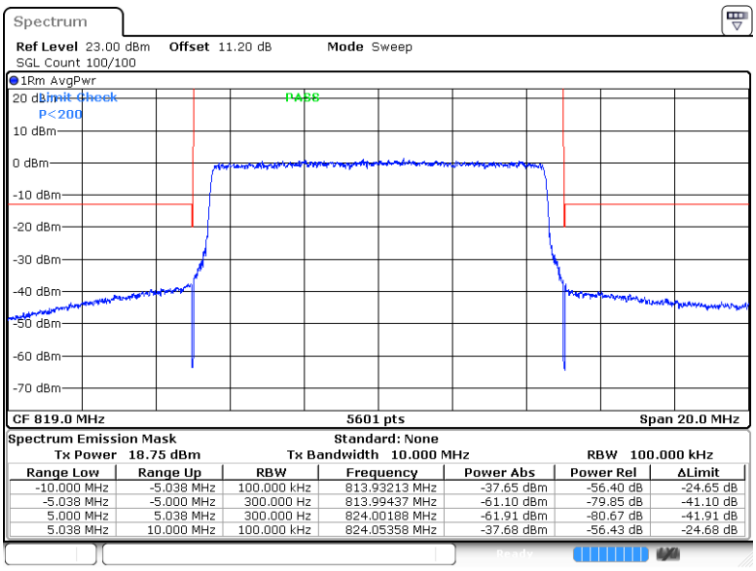
Date: 26.MAR.2021 00:17:41

Highest Band Edge / 1 RB



Date: 26.MAR.2021 00:19:08

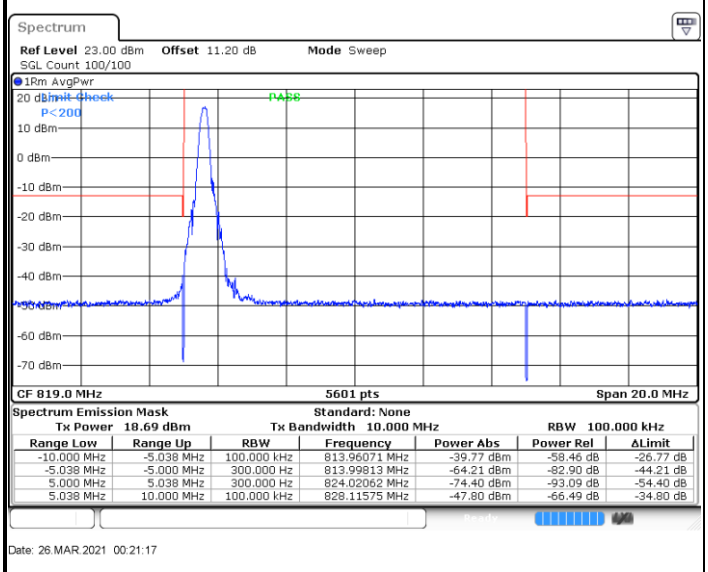
Lowest Band Edge / Full RB



Date: 26.MAR.2021 00:20:34

LTE Band 26 / 10MHz / 64QAM

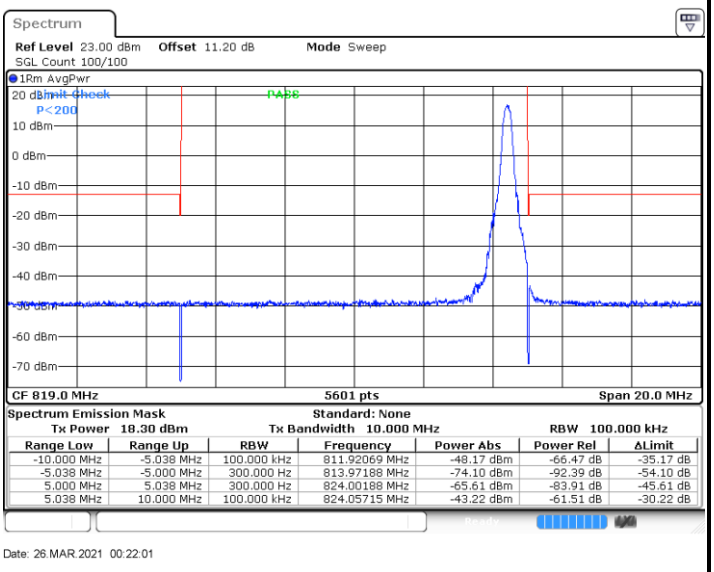
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.96071 MHz	-39.77 dBm	-58.46 dB	-26.77 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-64.21 dBm	-82.90 dB	-44.21 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.02062 MHz	-74.40 dBm	-93.09 dB	-54.40 dB
5.038 MHz	10.000 MHz	100.000 kHz	828.11575 MHz	-47.80 dBm	-66.49 dB	-34.80 dB

Date: 26.MAR.2021 00:21:17

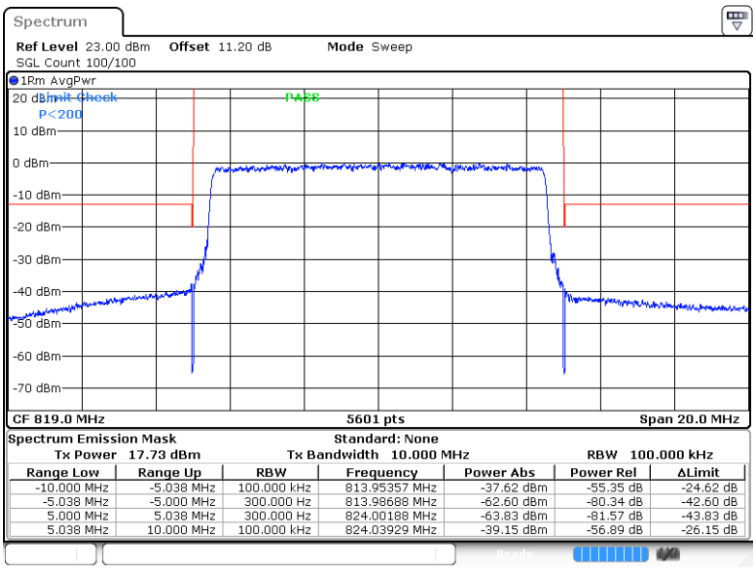
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	811.92069 MHz	-48.17 dBm	-66.47 dB	-35.17 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.97188 MHz	-74.10 dBm	-92.39 dB	-54.10 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-65.61 dBm	-83.91 dB	-45.61 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.05715 MHz	-43.22 dBm	-61.51 dB	-30.22 dB

Date: 26.MAR.2021 00:22:01

Lowest Band Edge / Full RB

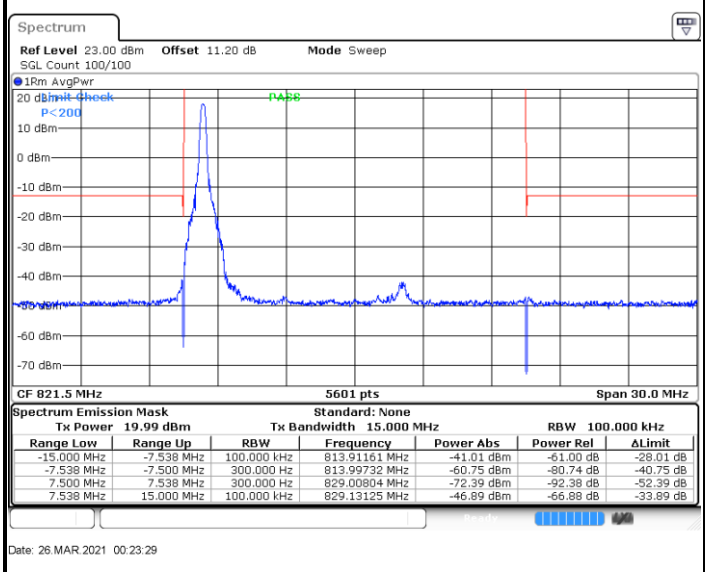


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95357 MHz	-37.62 dBm	-55.35 dB	-24.62 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98688 MHz	-62.60 dBm	-80.34 dB	-42.60 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-63.83 dBm	-81.57 dB	-43.83 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.03929 MHz	-39.15 dBm	-56.89 dB	-26.15 dB

Date: 26.MAR.2021 00:22:45

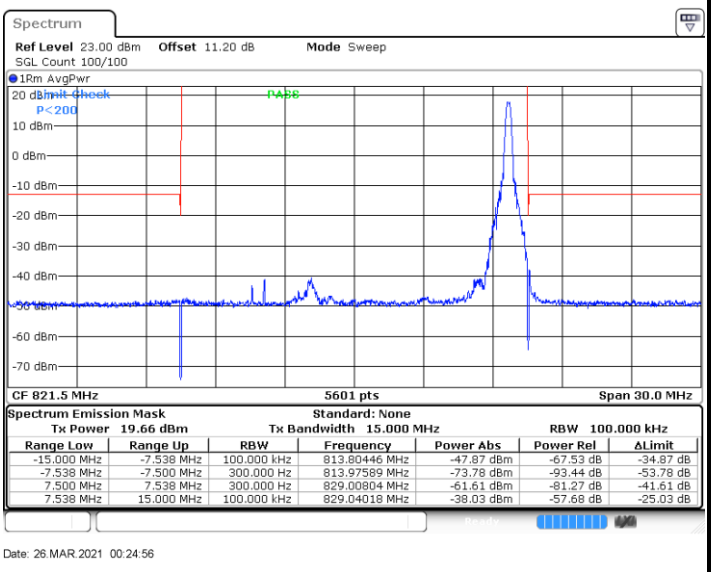
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



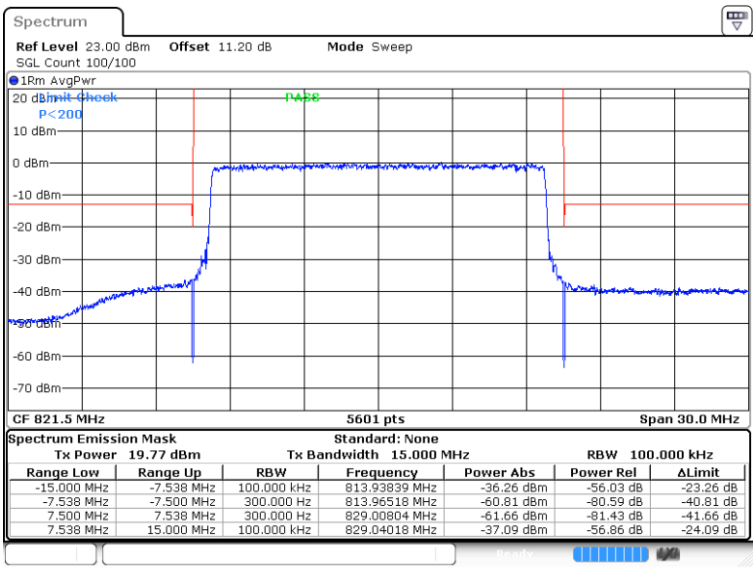
Date: 26.MAR.2021 00:23:29

Highest Band Edge / 1 RB



Date: 26.MAR.2021 00:24:56

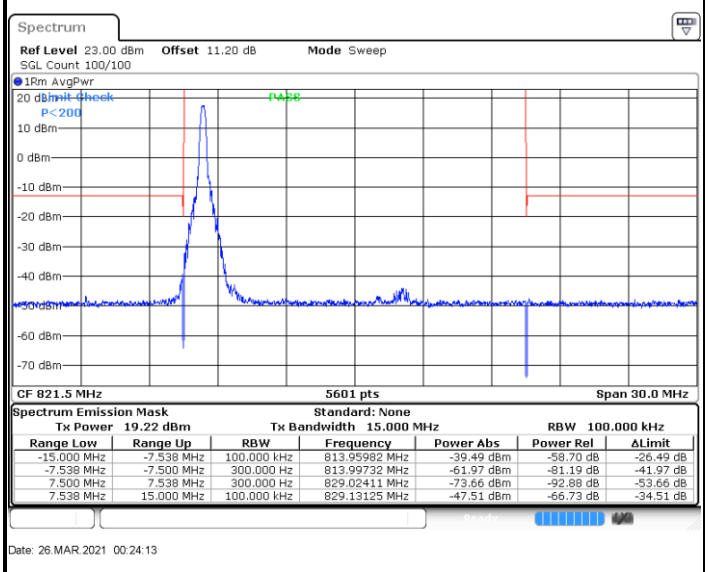
Lowest Band Edge / Full RB



Date: 26.MAR.2021 00:26:24

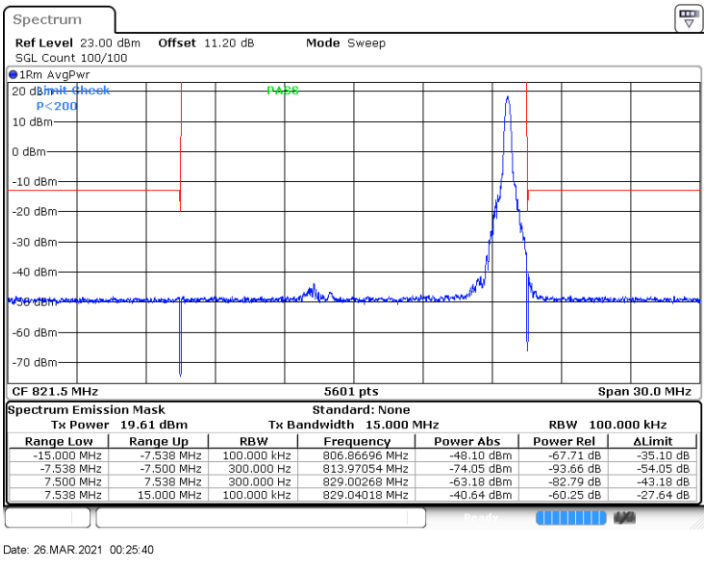
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



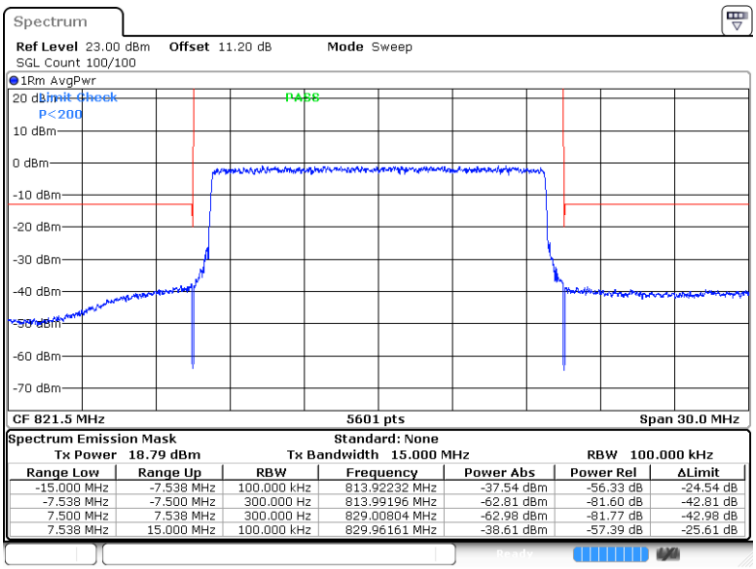
Date: 26.MAR.2021 00:24:13

Highest Band Edge / 1 RB



Date: 26.MAR.2021 00:25:40

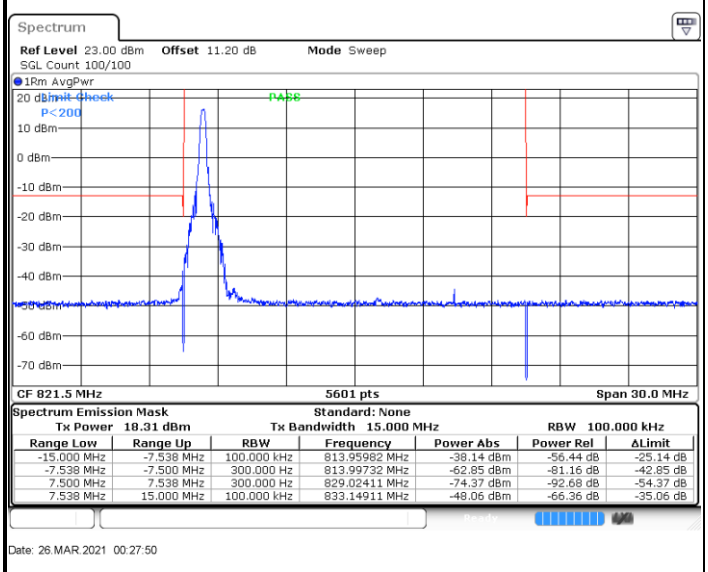
Lowest Band Edge / Full RB



Date: 26.MAR.2021 00:27:07

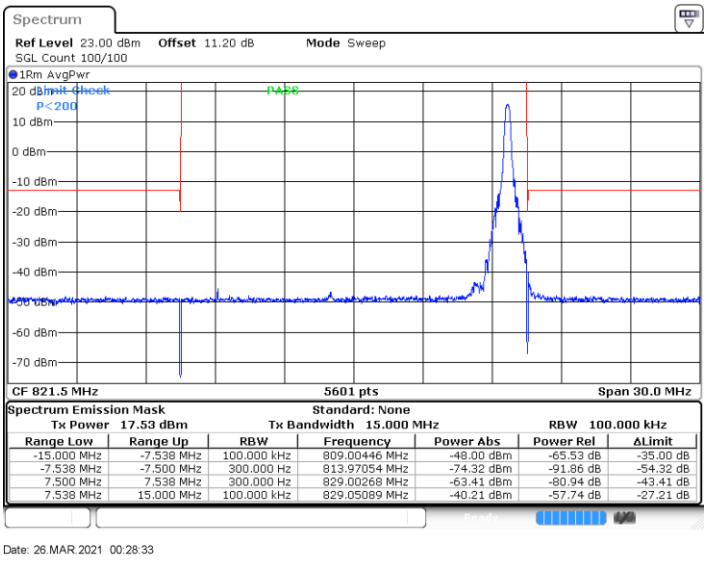
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



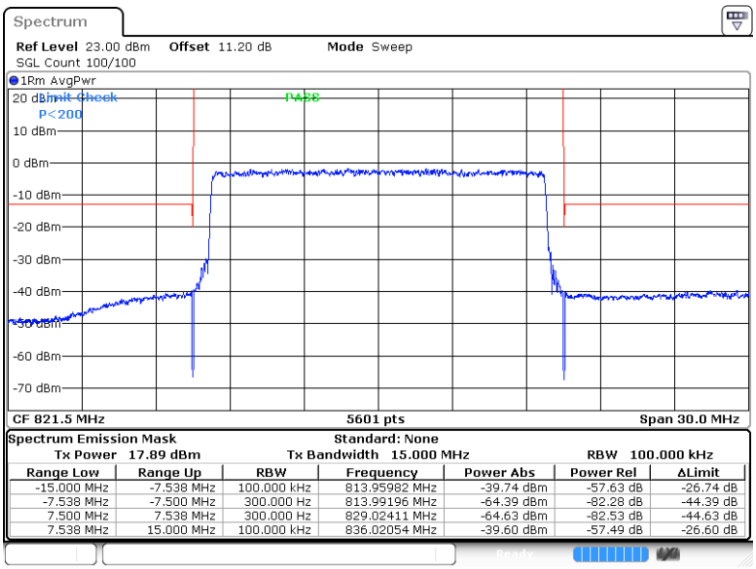
Date: 26.MAR.2021 00:27:50

Highest Band Edge / 1 RB



Date: 26.MAR.2021 00:28:33

Lowest Band Edge / Full RB

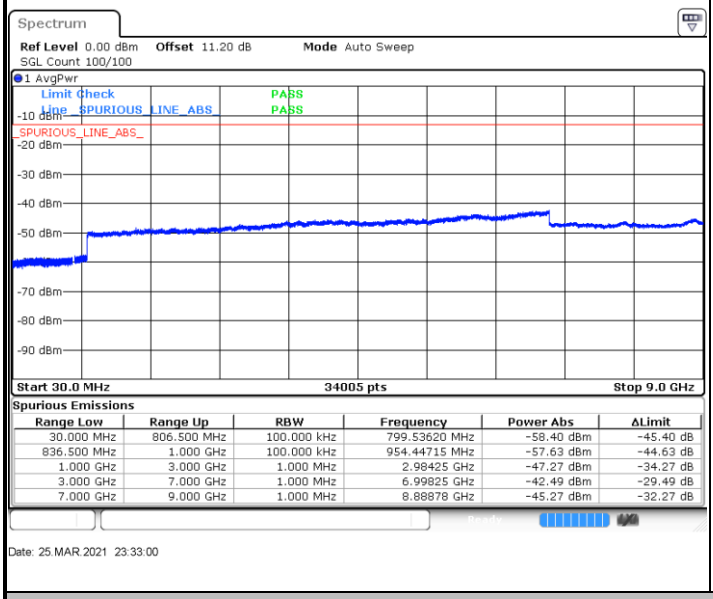


Date: 26.MAR.2021 00:29:17

Emission masks – Out of band emissions

LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

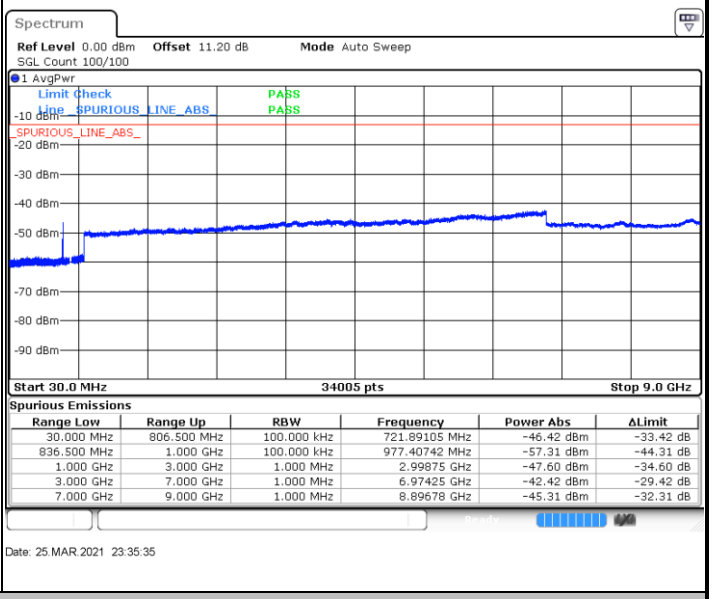


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	799.53620 MHz	-58.40 dBm	-45.40 dB
836.500 MHz	1.000 GHz	100.000 kHz	954.44715 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98425 GHz	-47.27 dBm	-34.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.49 dBm	-29.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88878 GHz	-45.27 dBm	-32.27 dB

Date: 25.MAR.2021 23:33:00

Middle Channel / QPSK

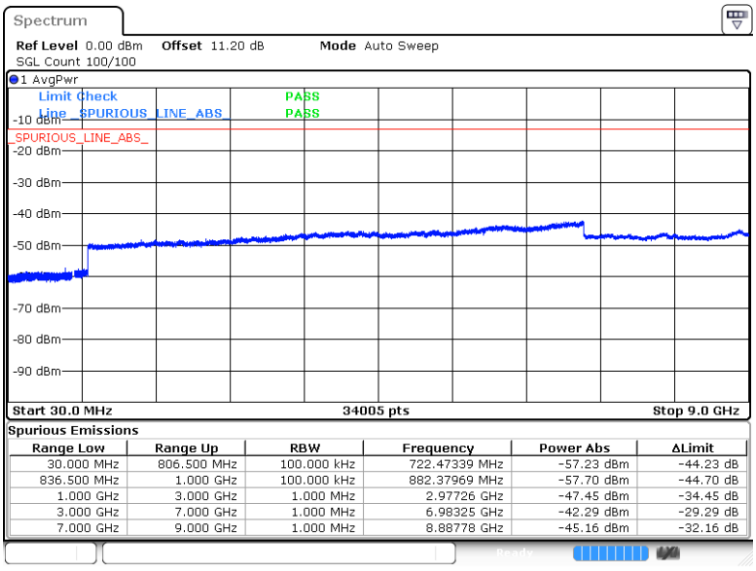


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	721.89105 MHz	-46.42 dBm	-33.42 dB
836.500 MHz	1.000 GHz	100.000 kHz	977.40742 MHz	-57.31 dBm	-44.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-47.60 dBm	-34.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97425 GHz	-42.42 dBm	-29.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89678 GHz	-45.31 dBm	-32.31 dB

Date: 25.MAR.2021 23:35:35

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	806.500 MHz	100.000 kHz	722.47339 MHz	-57.23 dBm	-44.23 dB
836.500 MHz	1.000 GHz	100.000 kHz	882.37969 MHz	-57.70 dBm	-44.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97726 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-42.29 dBm	-29.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88778 GHz	-45.16 dBm	-32.16 dB

Date: 25.MAR.2021 23:36:31