

FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2323-2,XT2323-5,XT2323-6
FCC ID : IHDT56AL9
STANDARD : 47 CFR Part 2, 90(R)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)
TEST DATE(S) : Apr. 23, 2023 ~ May 31, 2023

We, Sporton International Inc. (Kunshan), 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 Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia



Approved by: Jason Jia

Sporton International Inc. (Kunshan)

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



TABLE OF CONTENTS

REVISION HISTORY... 3
SUMMARY OF TEST RESULT ... 4
1 GENERAL DESCRIPTION ... 5
1.1 Applicant ... 5
1.2 Manufacturer ... 5
1.3 Feature of Equipment Under Test ... 5
1.4 Maximum ERP Power, and Emission Designator ... 6
1.5 Specification of Accessory ... 6
1.6 Testing Site ... 6
1.7 Test Software ... 7
1.8 Applied Standards ... 7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST ... 8
2.1 Test Mode ... 8
2.2 Connection Diagram of Test System ... 9
2.3 Support Unit used in test configuration and system ... 9
2.4 Measurement Results Explanation Example ... 10
2.5 Frequency List of Low/Middle/High Channels ... 10
3 CONDUCTED TEST ITEMS ... 11
3.1 Measuring Instruments ... 11
3.2 Conducted Output Power and ERP ... 12
3.3 Peak-to-Average Ratio ... 13
3.4 Occupied Bandwidth ... 14
3.5 Conducted Band Edge Measurement ... 15
3.6 Emission Mask ... 16
3.7 Conducted Spurious Emission Measurement ... 17
3.8 Frequency Stability Measurement ... 18
4 RADIATED TEST ITEMS ... 19
4.1 Measuring Instruments ... 19
4.2 Test Setup ... 19
4.3 Test Result of Radiated Test ... 20
4.4 Radiated Spurious Emission Measurement ... 21
5 LIST OF MEASURING EQUIPMENT ... 22
6 MEASUREMENT UNCERTAINTY ... 23
APPENDIX A. TEST RESULTS OF CONDUCTED TEST
APPENDIX B. TEST RESULTS OF RADIATED TEST
APPENDIX C. TEST SETUP PHOTOGRAPHS



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG340401-01D	Rev. 01	Initial issue of report	Jun. 05, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.2	§2.1046	Conducted Output Power	—	Reporting only	-
	§90.542 (a)(7)	Effective Radiated Power	ERP < 3Watt	PASS	-
3.3	-	Peak-to-Average Ratio	—	Reporting only	-
3.4	§2.1049	Occupied Bandwidth	—	Reporting only	-
3.5	§2.1053 §90.543 (e)(2)(3)	Conducted Band Edge Measurement	Refer standard	PASS	-
3.6	§2.1051 §90.210(n)	Emission Mask	Mask B	PASS	-
3.7	§2.1053 §90.543 (e)(3)	Conducted Spurious Emission	< 43+10log ₁₀ (P[Watts])	PASS	-
3.8	§2.1055 §90.539 (e)	Frequency Stability Temperature & Voltage	< ±1.25 ppm	PASS	-
4.4	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 18.03 dB at 1576.000 MHz

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

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



1 General Description

1.1 Applicant

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	XT2323-2,XT2323-5,XT2323-6
FCC ID	IHDT56AL9
Tx Frequency	LTE Band 14: 788 MHz ~ 798 MHz
Rx Frequency	LTE Band 14: 758 MHz ~ 768 MHz
Bandwidth	5MHz / 10MHz
Maximum Output Power to Antenna	Antenna0: 22.83dBm Antenna1: 22.65dBm
Antenna Type/Gain	Antenna0: Monopole Antenna -4.57 dBi Antenna1: IFA Antenna -4.20 dBi
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM
IMEI Code	Conducted: 351606570017474/351606570017482 Radiation: 351606570016138/351606570016146
HW Version	DVT2
SW Version	T2TV33.23
EUT Stage	Identical Prototype

Remark: The maximum ERP is calculated from max output power and antenna gain, so only the maximum ERP of Ant.1 for LTE B14 is shown in the report. For conducted test items, we choose the highest power among all antennas for testing.

1.4 Maximum ERP Power, and Emission Designator

LTE Band 14		QPSK		16QAM/64QAM/256QAM	
BW (MHz)	Frequency Range (MHz)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)
5	790.5~795.5	0.0420	4M50G7D	0.0407	4M53W7D
10	793	0.0427	9M05G7D	0.0420	9M05W7D

1.5 Specification of Accessory

Accessories Information				
AC Adapter	Brand Name	Motorola(Salom)	Model Name	MC-301
Base Battery	Brand Name	Motorola (ATL)	Model Name	PM29
Flip Battery	Brand Name	Motorola (ATL)	Model Name	PV11
USB Cable 1	Brand Name	Motorola(Cabletech)	Model Name	SC18D13216
USB Cable 2	Brand Name	Motorola(Luxshare)	Model Name	SC18D13217
USB Cable 3	Brand Name	Motorola(Saibao)	Model Name	SC18D13215
USB Cable 4	Brand Name	Motorola(Saibao)	Model Name	SC18D86732

1.6 Testing Site

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

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
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	6.2009-8-24al

1.8 Applied Standards

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

- ♦ 47 CFR Part 2, Part 90(R)
- ♦ ANSI C63.26
- ♦ KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ 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

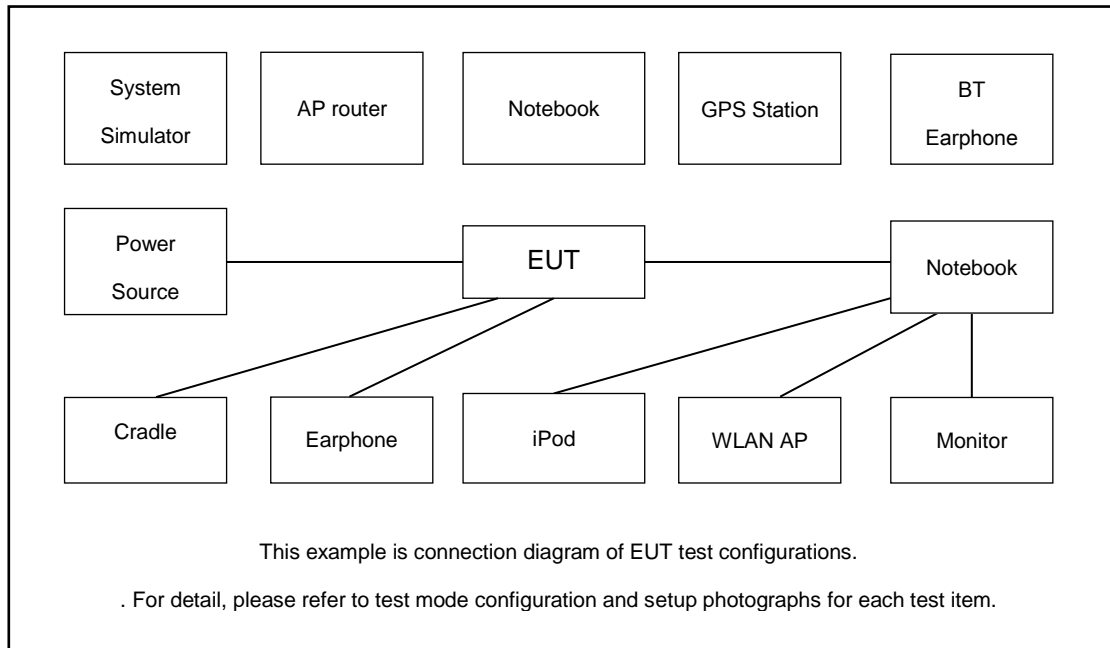
2.1 Test Mode

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 flip open and close state in three orthogonal panels X, Y, Z. The worst cases (Z plane with flip open) were recorded in this report.

Conducted Test Cases	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	14	-	-	V		-	-	V	V	V	V	V		V	V	V	V
Peak-to-Average Ratio	14	-	-		V	-	-	V	V	V	V	V		V		V	
26dB and 99% Bandwidth	14	-	-	V		-	-	V	V	V				V	V	V	V
	14	-	-		V	-	-	V	V	V				V		V	
Conducted Band Edge	14	-	-	V		-	-	V	V	V	V	V		V	V		V
	14	-	-		V	-	-	V	V	V	V	V		V		V	
Emission Mask	14	-	-	V		-	-	V	V	V	V	V		V	V	V	V
	14	-	-		V	-	-	V	V	V	V	V		V		V	
Conducted Spurious Emission	14	-	-	V		-	-	V	V	V			V		V	V	V
	14	-	-		V	-	-	V	V	V			V			V	
Frequency Stability	14	-	-	V	V	-	-	V						V		V	
E.R.P	14	-	-	V		-	-	V	V	V	V	V			V	V	V
	14	-	-		V	-	-	V	V	V	V	V				V	
Radiated Spurious Emission	14	-	-	V	V	-	-	V					V		V	V	V
Note	<ol style="list-style-type: none"> The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 																

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	LTE Base Station	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	DC Power Supply	GW INSTEK	GPS-3030D	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 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.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 4.60 dB.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)}. \\ &= 4.60 \text{ (dB)} \end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

3 Conducted Test Items

3.1 Measuring Instruments

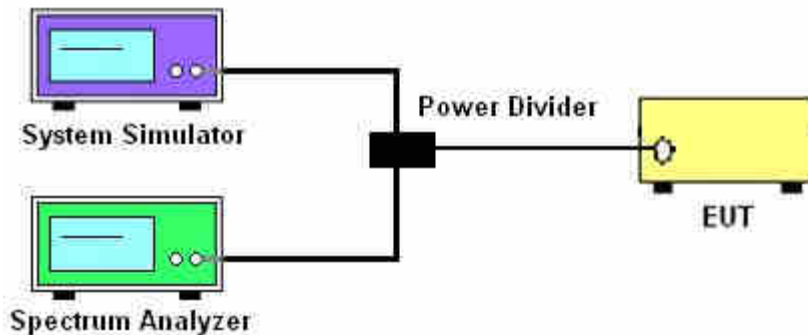
See list of measuring instruments of this test report.

3.1.1 Test Setup

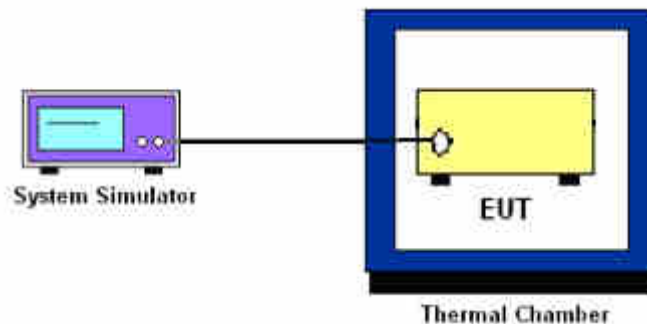
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge, Emission Mask, 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 and ERP

3.2.1 Description of the Conducted Output Power Measurement and ERP

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

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 14.

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

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 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

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

3.5 Conducted Band Edge Measurement

3.5.1 Description of Conducted Band Edge Measurement

For operations in the 758-768 MHz and the 788-798 MHz bands

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set spectrum analyzer with RMS detector.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. Checked that all the results comply with the emission limit line.

Example:

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

3.6 Emission Mask

3.6.1 Description of Emission Mask

<Emission Mask B>.

For transmitters that are equipped with an audio low-pass filter, the power of any emission must be attenuated below the unmodulated carrier power (P) as follows:

- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.
- (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least $43 + 10 \log (P)$ dB.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
5. Set spectrum analyzer with RMS detector.
6. 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 $43 + 10\log(P)$ dB below the transmitter power P(Watts)
= $P(W) - [43 + 10\log(P)]$ (dB)
= $[30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
= -13dBm.

3.7 Conducted Spurious Emission Measurement

3.7.1 Description of Conducted Spurious Emission Measurement

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

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

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and base station via power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's, for under 1GHz RBW = 100kHz, VBW = 300kHz and for above 1GHz RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. Set spectrum analyzer with RMS detector.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
= P(W)- [43 + 10log(P)] (dB)
= [30 + 10log(P)] (dBm) - [43 + 10log(P)] (dB)
= -13dBm.

3.8 Frequency Stability Measurement

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ± 1.25 ppm of the center frequency.

3.8.2 Test Procedures for Temperature Variation

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

3.8.3 Test Procedures for Voltage Variation

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

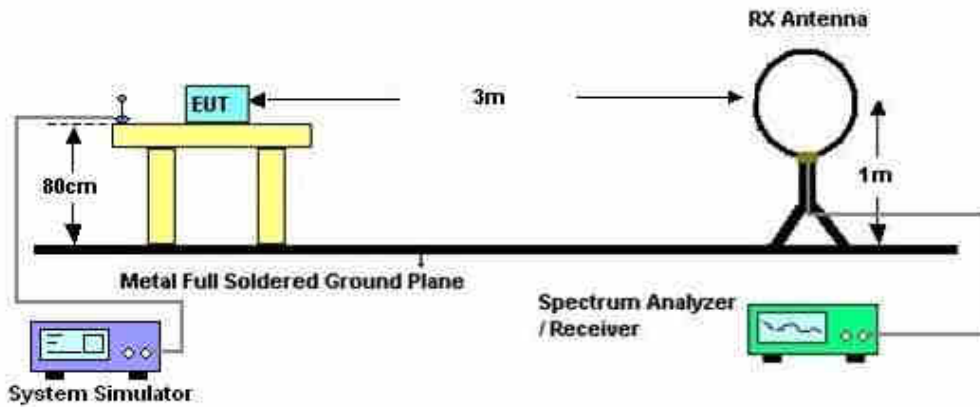
4 Radiated Test Items

4.1 Measuring Instruments

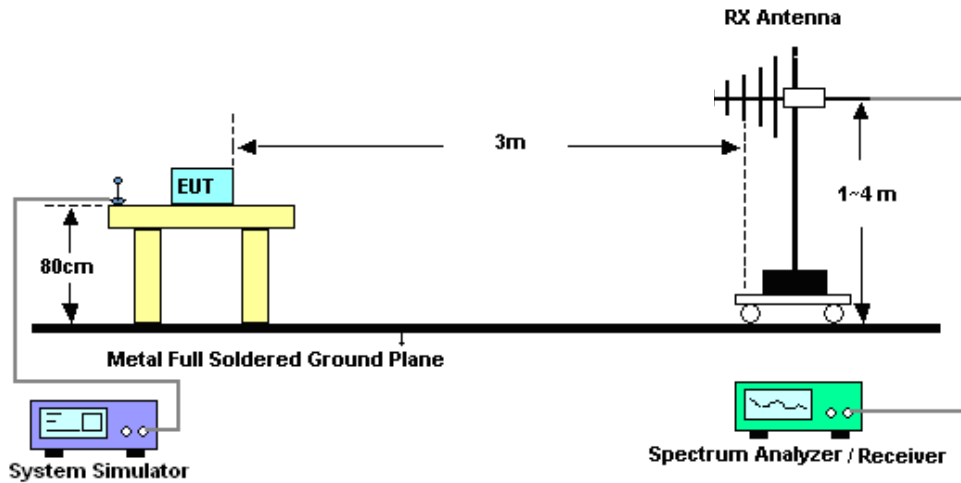
See list of measuring instruments of this test report.

4.2 Test Setup

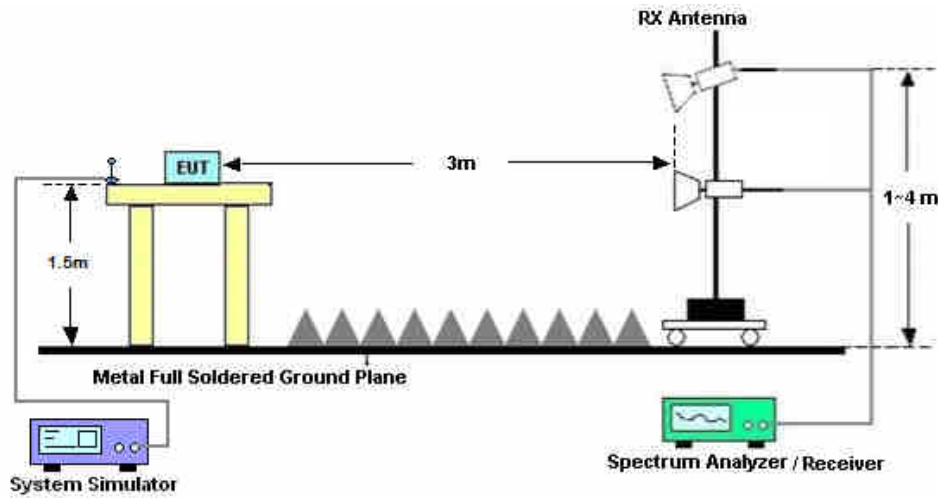
4.2.1 For radiated test below 30MHz



4.2.2 For radiated test from 30MHz to 1GHz



4.2.3 For radiated test above 1GHz



4.3 Test Result of Radiated Test

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

Please refer to Appendix B.

4.4 Radiated Spurious Emission Measurement

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26.

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

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

4.4.2 Test Procedures

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

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



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	Oct. 12, 2022	Apr. 23, 2023 ~May 31, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Power divider	STI	STI08-0055	-	0.5~40GHz	NCR	Apr. 23, 2023 ~May 31, 2023	NCR	Conducted (TH01-KS)
Temperature & humidity chamb	Hongzhan	LP-150U	H2014011440	-40~+150°C 20%~95%RH	Jul. 15, 2022	Apr. 23, 2023 ~May 31, 2023	Jul. 14, 2023	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY57471079	10Hz~44G,MAX 30dB	Oct. 12, 2022	May 10, 2023 ~May 25, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	May 10, 2023 ~May 25, 2023	Oct. 15, 2023	Radiation (03CH04-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	Apr. 09, 2023	May 10, 2023 ~May 25, 2023	Apr. 08, 2024	Radiation (03CH04-KS)
Horn Antenna	Schwarzbeck	BBHA9120D	1284	1GHz~18GHz	Oct. 16, 2022	May 10, 2023 ~May 25, 2023	Oct. 15, 2023	Radiation (03CH04-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 08, 2023	May 10, 2023 ~May 25, 2023	Jan. 07, 2024	Radiation (03CH04-KS)
Amplifier	SONOMA	310N	380827	9KHz-1GHz	Jul 11, 2022	May 10, 2023 ~May 25, 2023	Jul 10, 2023	Radiation (03CH04-KS)
Amplifier	MITEQ	EM18G40G GA	060728	18~40GHz	Jan. 05, 2023	May 10, 2023 ~May 25, 2023	Jan. 04, 2024	Radiation (03CH04-KS)
high gain Amplifier	EM	EM01G18G A	060840	1Ghz-18Ghz	Oct. 12, 2022	May 10, 2023 ~May 25, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
Amplifier	Agilent	8449B	3008A02370	1Ghz-18Ghz	Oct. 12, 2022	May 10, 2023 ~May 25, 2023	Oct. 11, 2023	Radiation (03CH04-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	May 10, 2023 ~May 25, 2023	NCR	Radiation (03CH04-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	May 10, 2023 ~May 25, 2023	NCR	Radiation (03CH04-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	May 10, 2023 ~May 25, 2023	NCR	Radiation (03CH04-KS)

NCR: No Calibration Required

6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±0.46 dB
Conducted Emissions	±0.48 dB
Occupied Channel Bandwidth	±0.1 %

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.82dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.56dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.54dB
---	--------

----- THE END -----

Appendix A. Test Results of Conducted Test

Test Engineer :	Simle Wang	Temperature :	22~23°C
		Relative Humidity :	40~42%

Conducted Output Power(Average power) And ERP

For Ant.0:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23330					
Frequency (MHz)				793				M	
10	QPSK	1	0	-	22.83	-	-	0.0408	-
10	QPSK	1	49	-	22.77	-	-	0.0403	-
10	QPSK	50	0	-	22.72	-	-	0.0398	-
10	16QAM	1	0	-	22.69	-	-	0.0395	-
10	64QAM	1	0	-	22.64	-	-	0.0391	-
10	256QAM	1	0	-	20.33	-	-	0.0230	-
Channel				23305	23330	23355	ERP(W)		
Frequency (MHz)				790.5	793	795.5	L	M	H
5	QPSK	1	0	22.66	22.75	22.65	0.0393	0.0401	0.0392
5	16QAM	1	0	22.60	22.65	22.57	0.0387	0.0392	0.0385

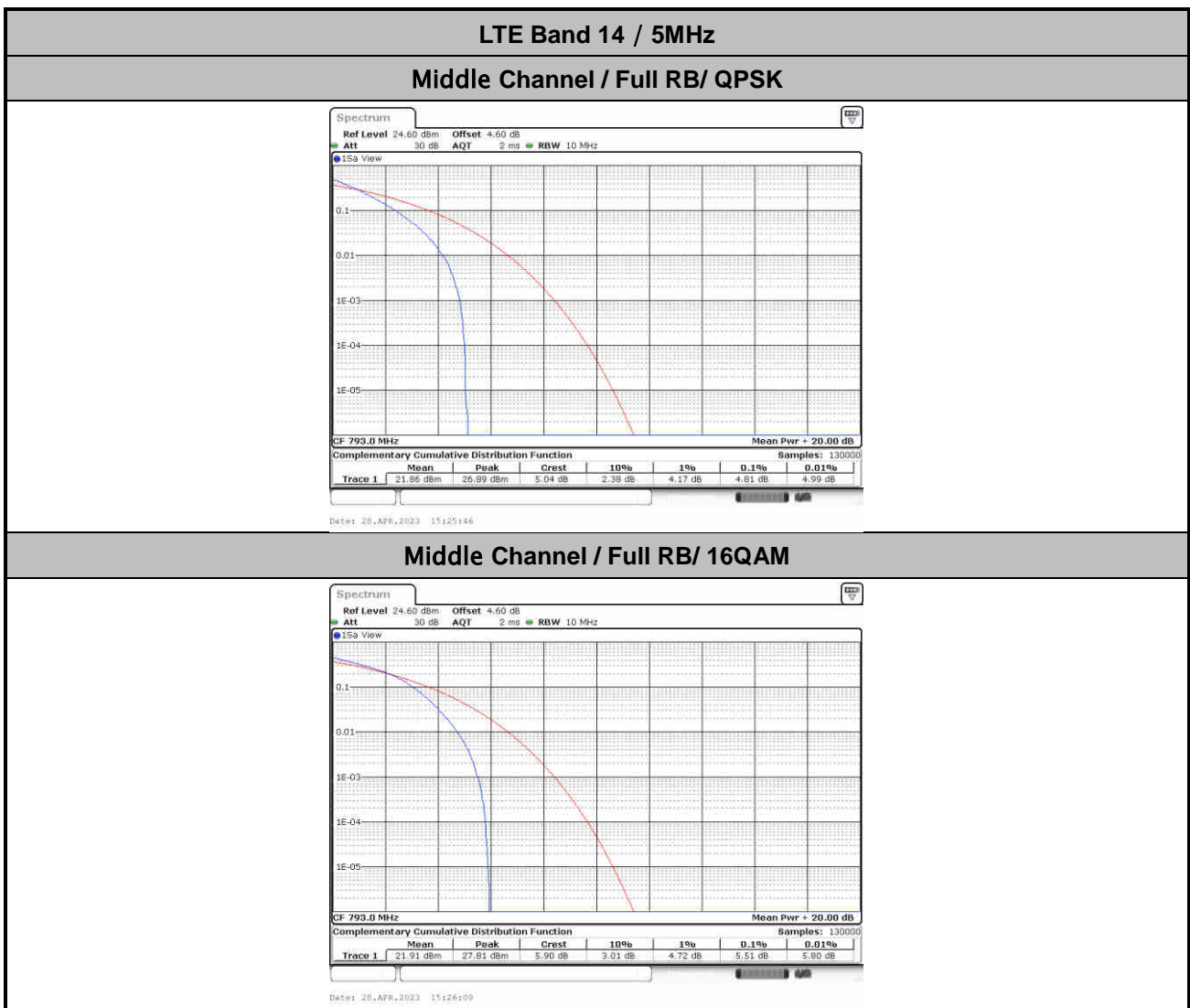
For Ant.1:

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	ERP(W)		
Channel				23330					
Frequency (MHz)				793				M	
10	QPSK	1	0	-	22.65	-	-	0.0427	-
10	QPSK	1	49	-	22.47	-	-	0.0409	-
10	QPSK	50	0	-	22.59	-	-	0.0421	-
10	16QAM	1	0	-	22.58	-	-	0.0420	-
10	64QAM	1	0	-	22.45	-	-	0.0407	-
10	256QAM	1	0	-	20.14	-	-	0.0239	-
Channel				23305	23330	23355	ERP(W)		
Frequency (MHz)				790.5	793	795.5	L	M	H
5	QPSK	1	0	22.50	22.58	22.46	0.0412	0.0420	0.0408
5	16QAM	1	0	22.45	22.45	22.42	0.0407	0.0407	0.0405

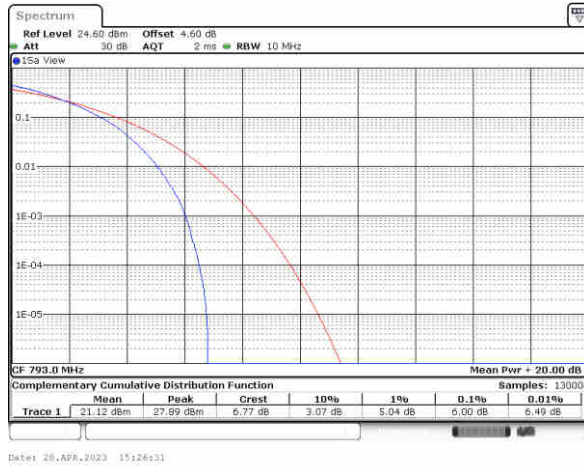
LTE Band 14

Peak-to-Average Ratio

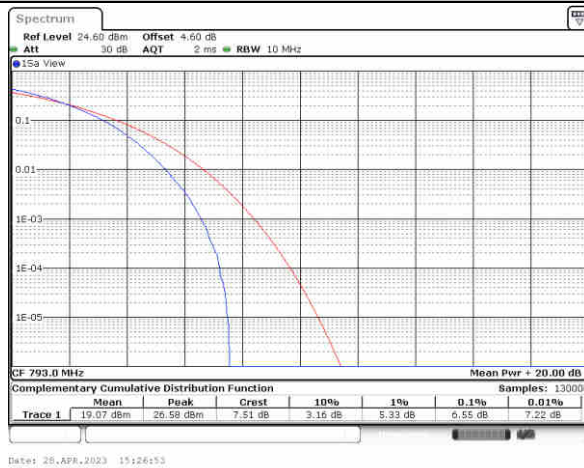
Mode	LTE Band 14 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.51	6.00	6.55	PASS



Middle Channel / Full RB/ 64QAM



Middle Channel / Full RB/ 256QAM

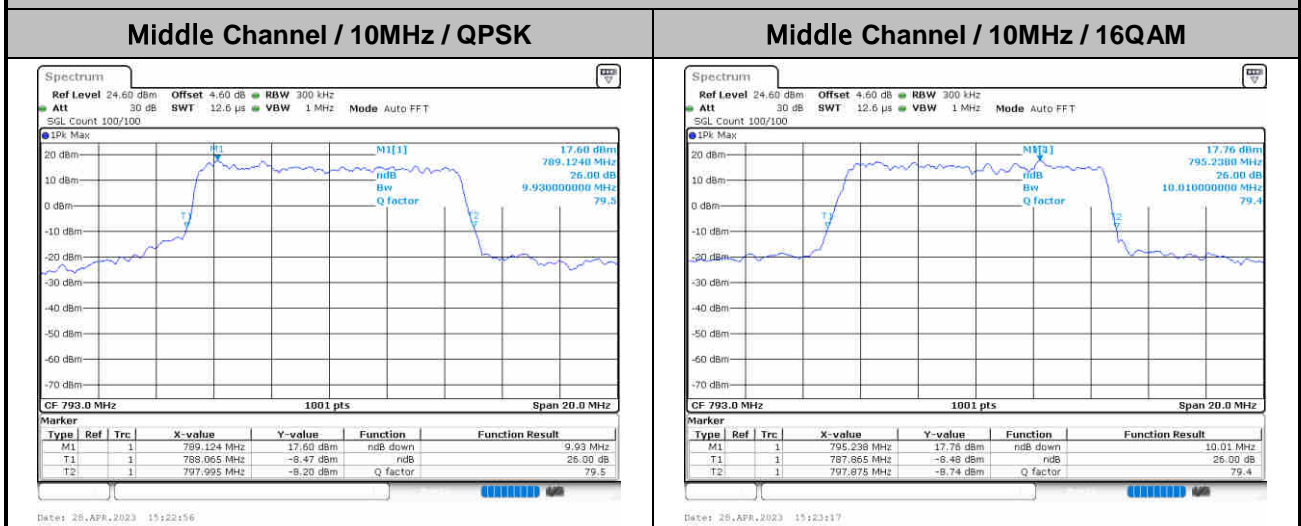




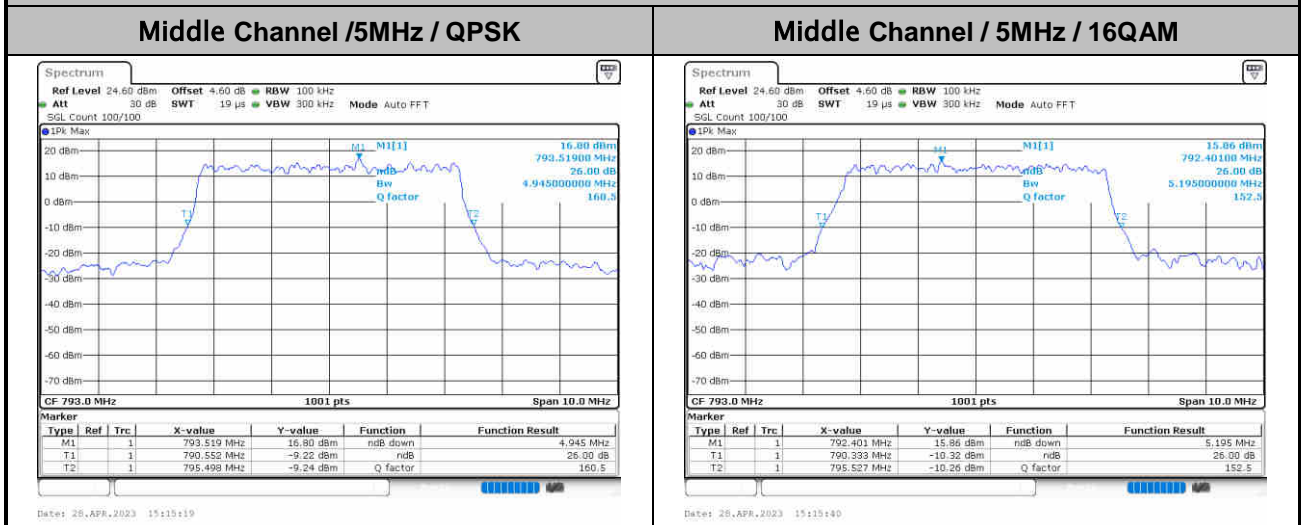
26dB Bandwidth

Mode	LTE Band 14 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.93	10.01
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.95	5.20

LTE Band 14

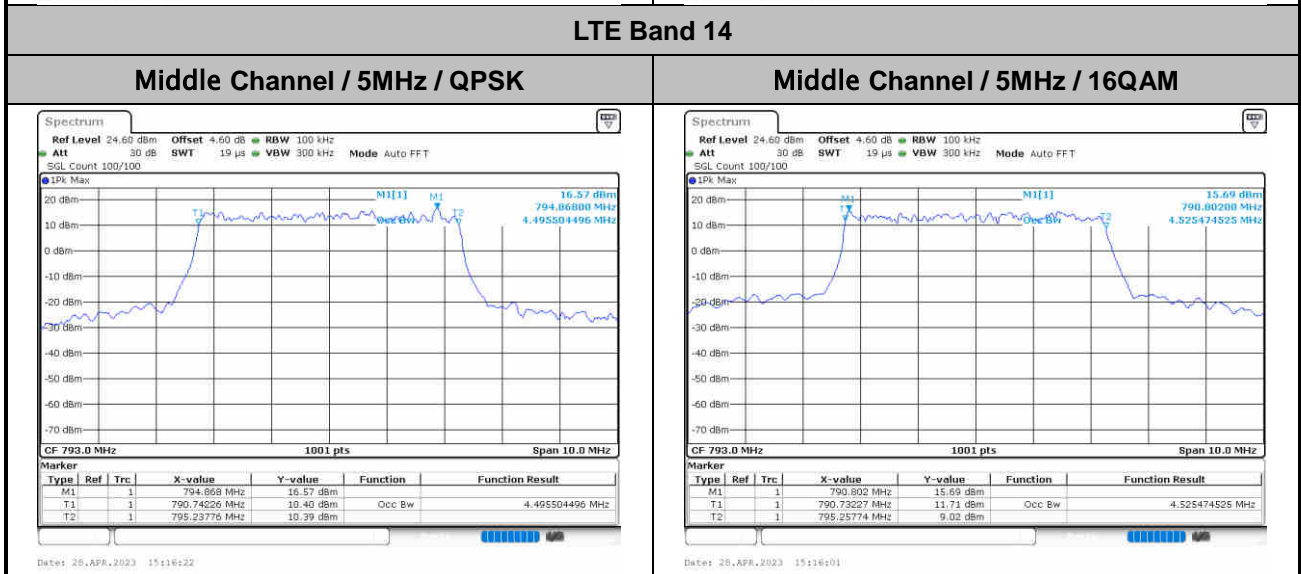
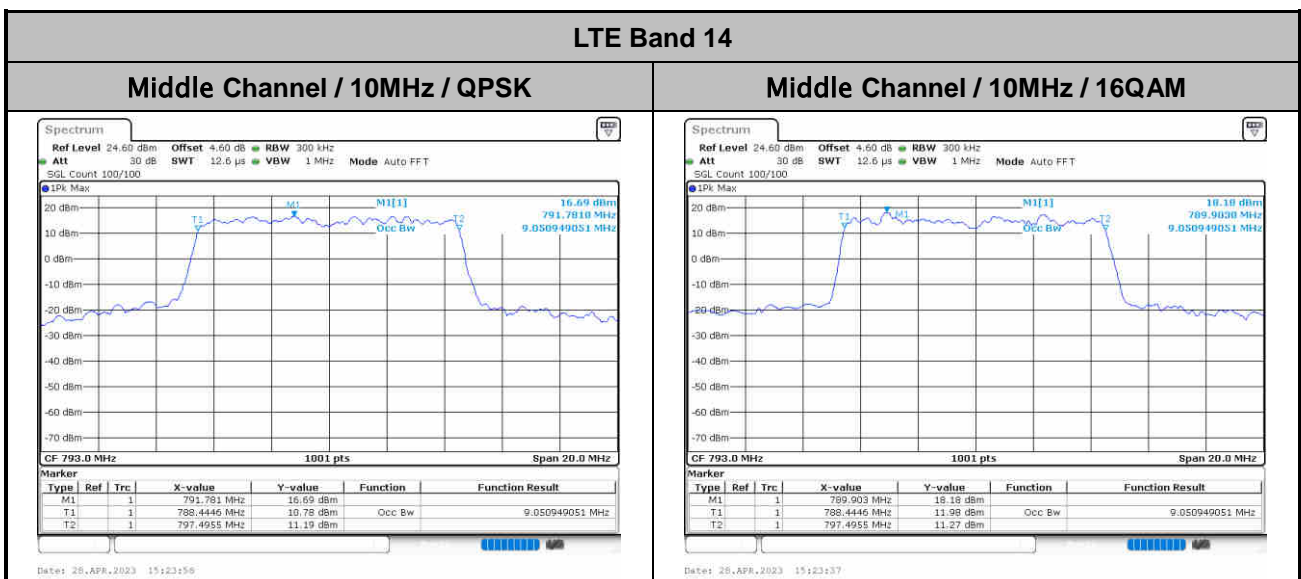


LTE Band 14



Occupied Bandwidth

Mode	LTE Band 14 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	9.05
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.53

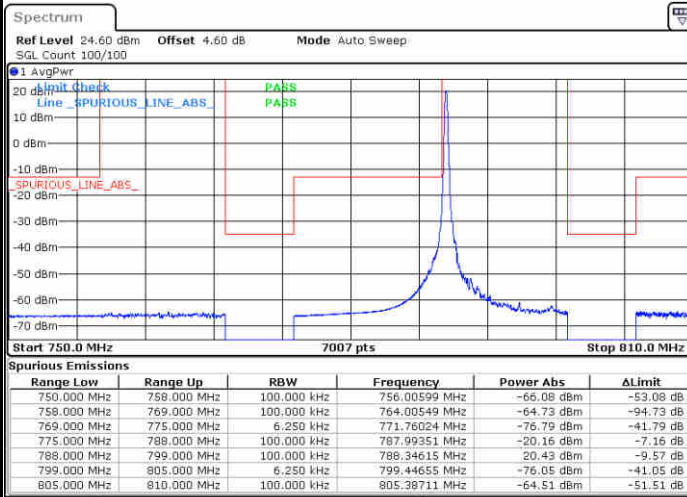




Conducted Band Edge

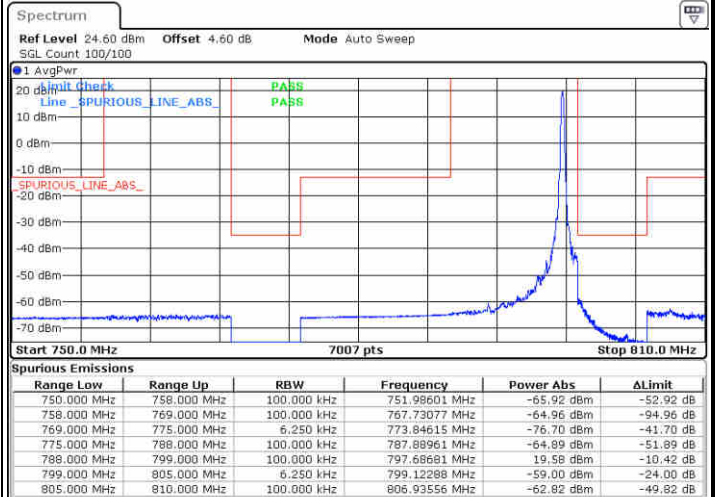
LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB



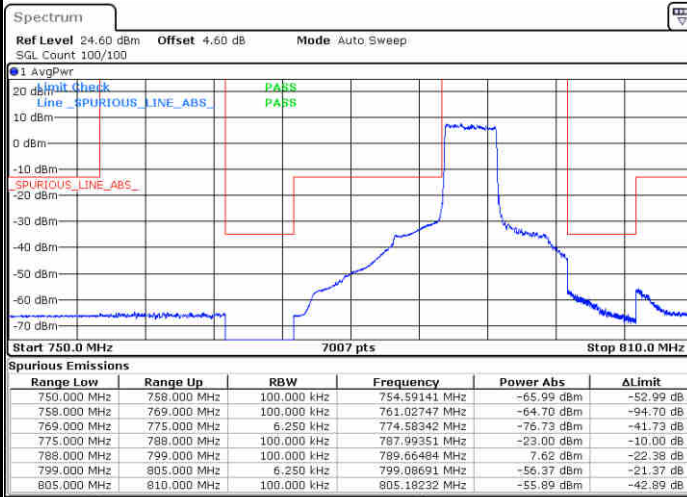
Date: 28.APR.2023 14:41:02

Highest Band Edge / 1 RB



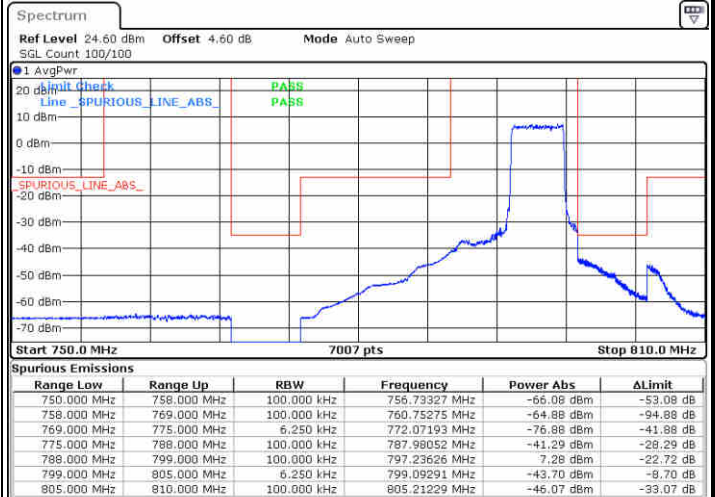
Date: 28.APR.2023 14:59:26

Lowest Band Edge / Full RB



Date: 28.APR.2023 14:54:07

Highest Band Edge / Full RB

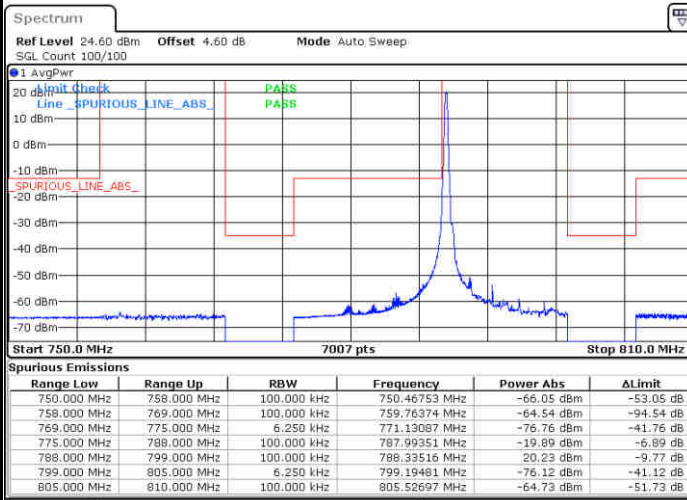


Date: 28.APR.2023 15:09:05



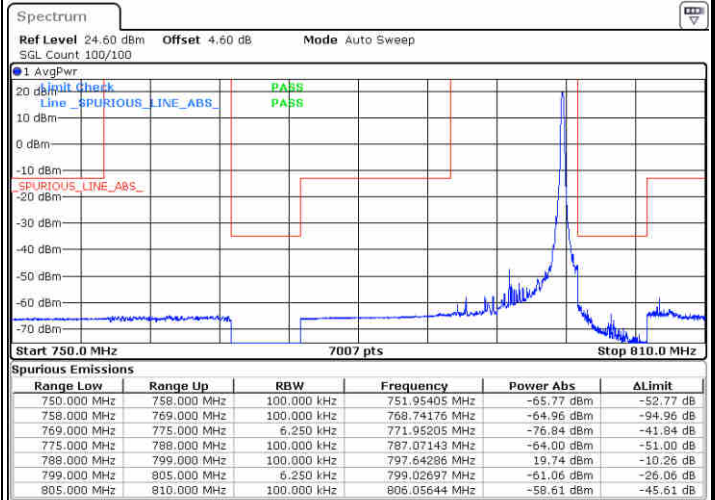
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



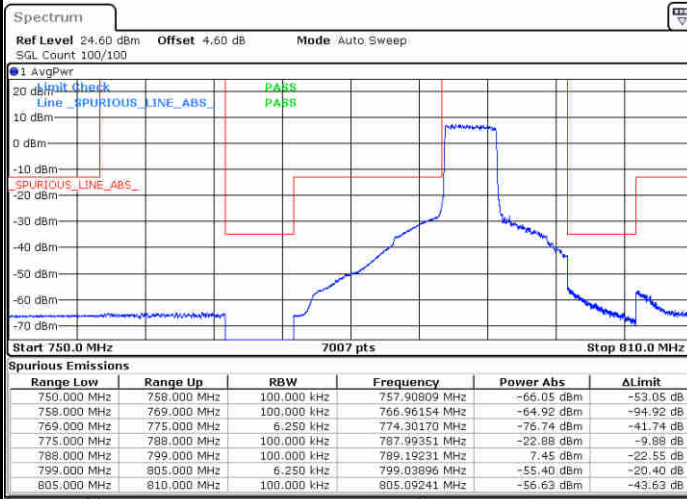
Date: 28.APR.2023 14:42:47

Highest Band Edge / 1 RB



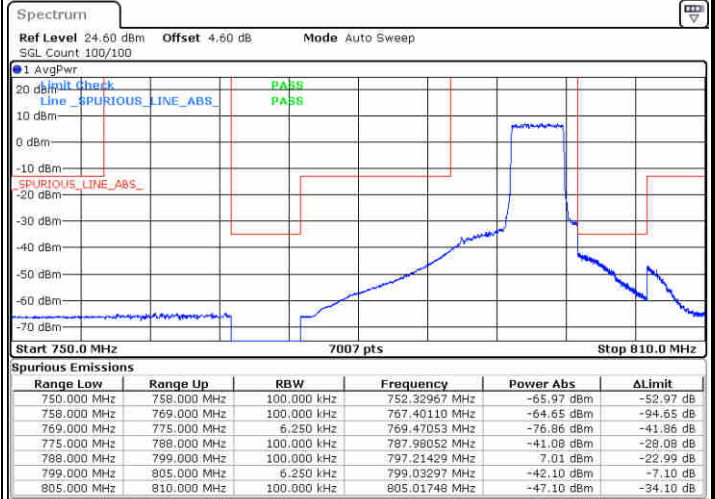
Date: 28.APR.2023 15:00:46

Lowest Band Edge / Full RB



Date: 28.APR.2023 14:52:47

Highest Band Edge / Full RB



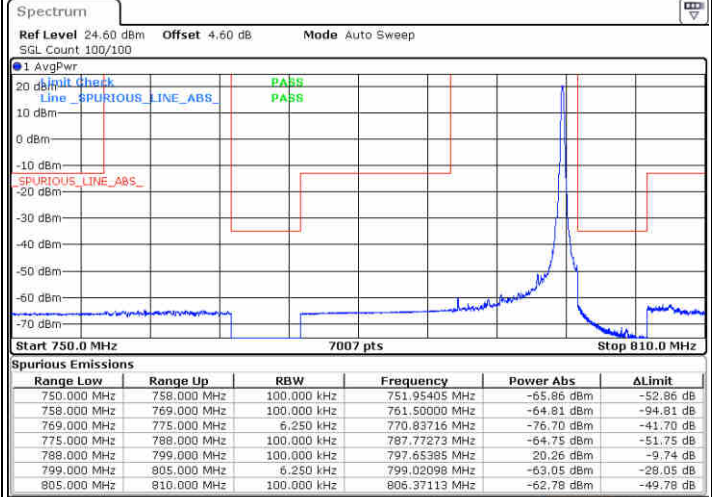
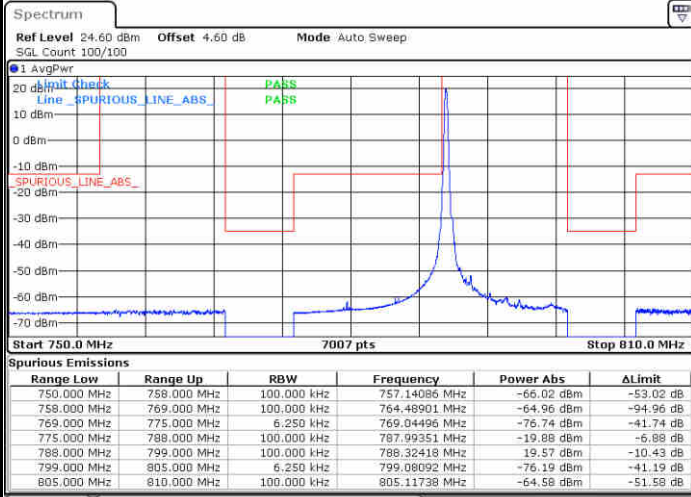
Date: 28.APR.2023 15:07:44



LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

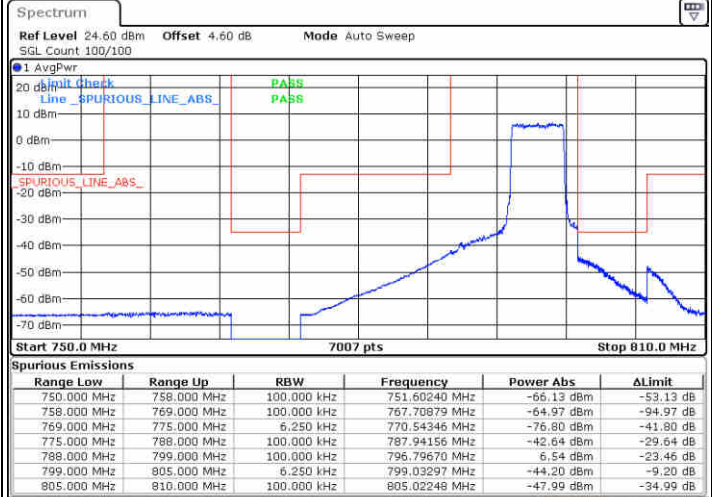
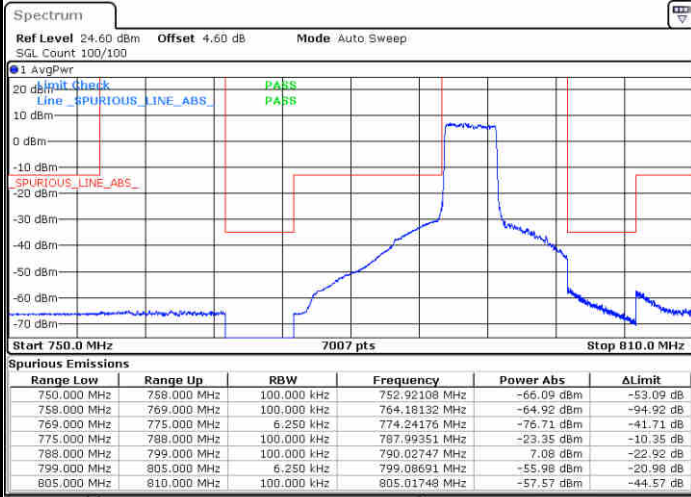


Date: 28.APR.2023 14:44:07

Date: 28.APR.2023 15:02:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.APR.2023 14:51:26

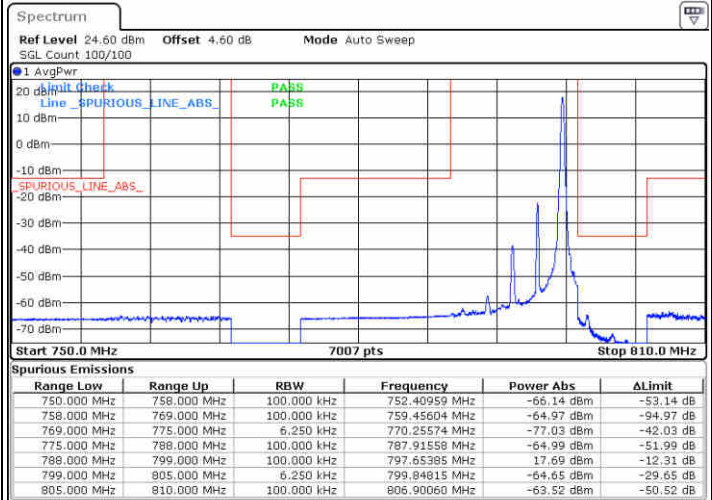
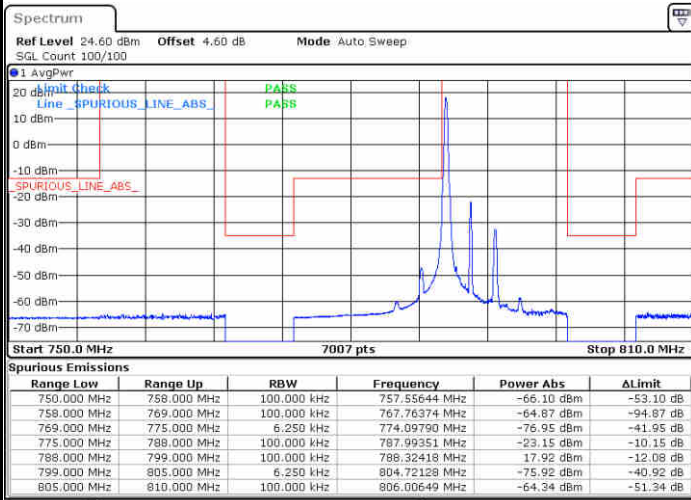
Date: 28.APR.2023 15:06:24



LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

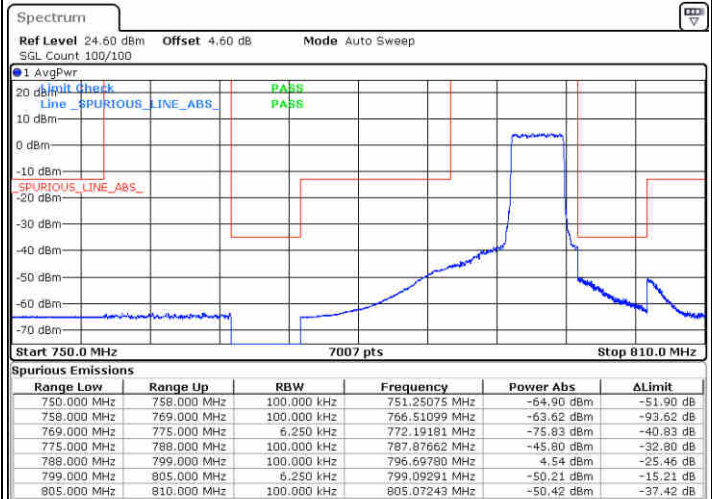
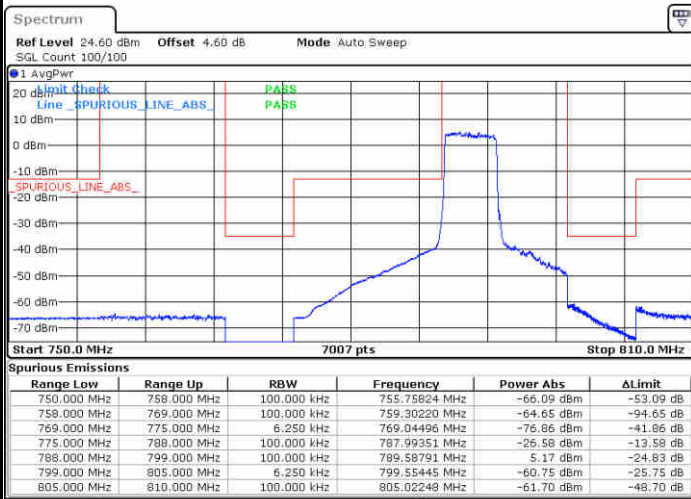


Date: 28.APR.2023 14:45:27

Date: 28.APR.2023 15:02:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



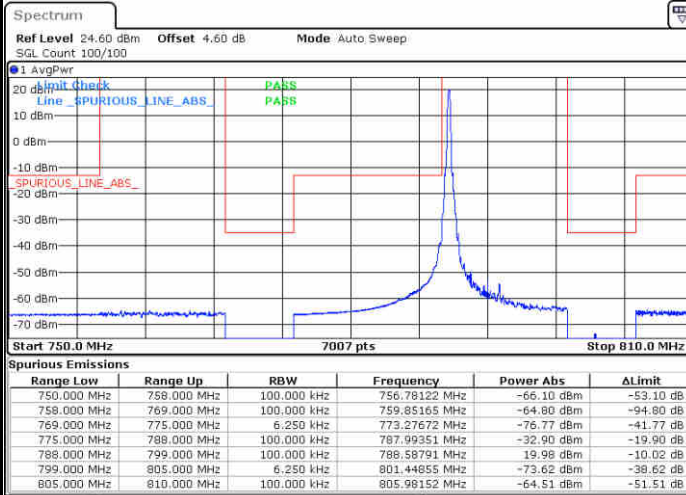
Date: 28.APR.2023 15:19:05

Date: 10.FEB.2007 13:09:42



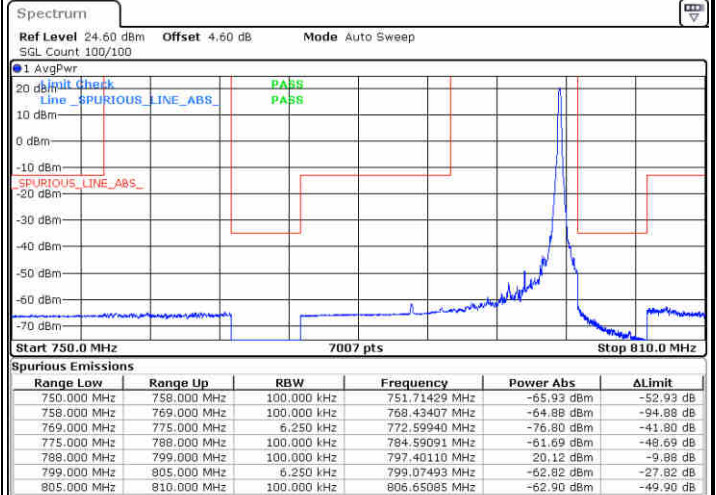
LTE Band 14 / 10MHz / QPSK

Lowest Band Edge / 1 RB



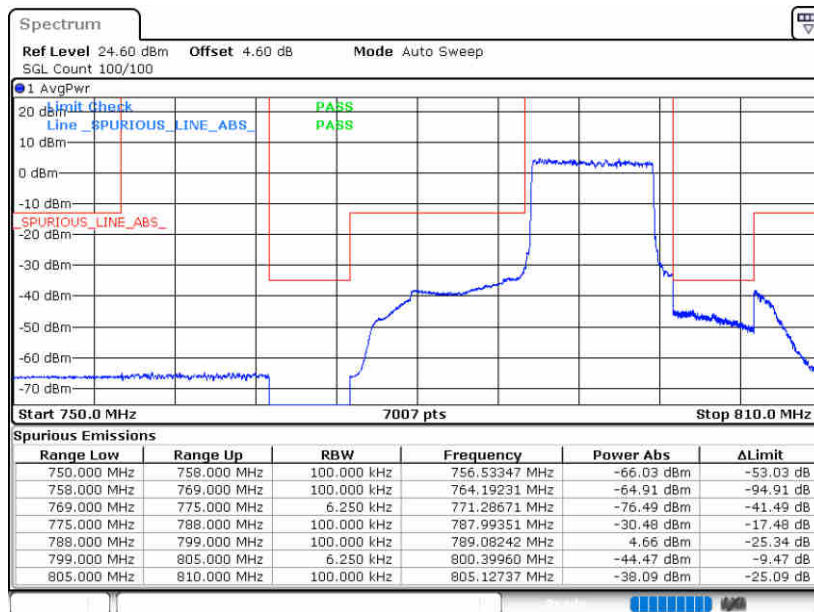
Date: 28.APR.2023 13:09:47

Highest Band Edge / 1 RB



Date: 28.APR.2023 13:35:41

Band Edge / Full RB



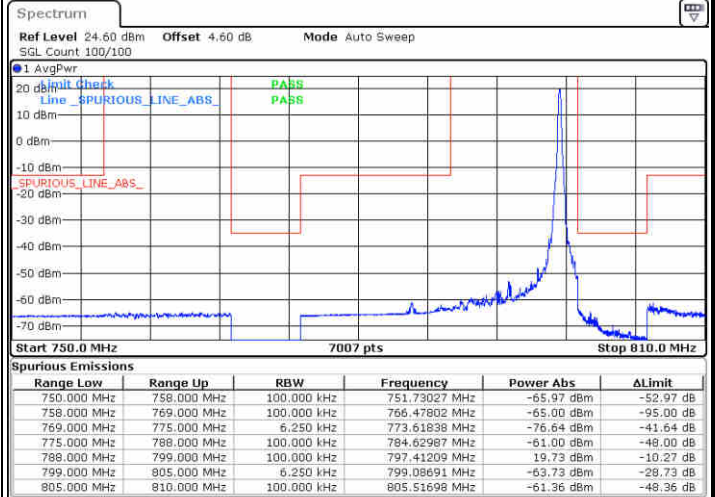
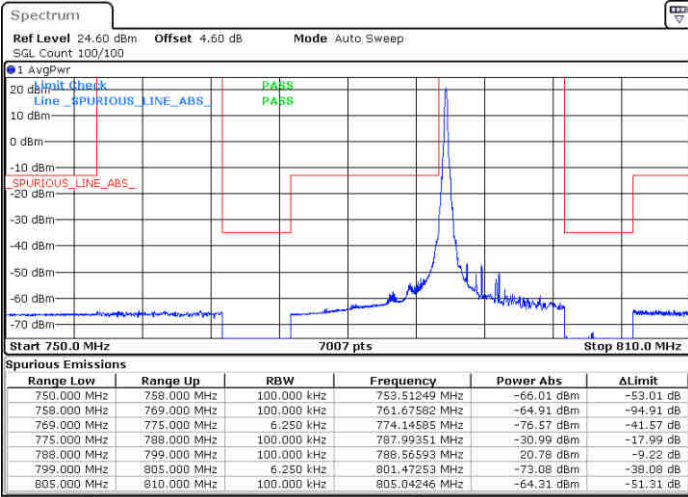
Date: 28.APR.2023 13:37:26



LTE Band 14 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

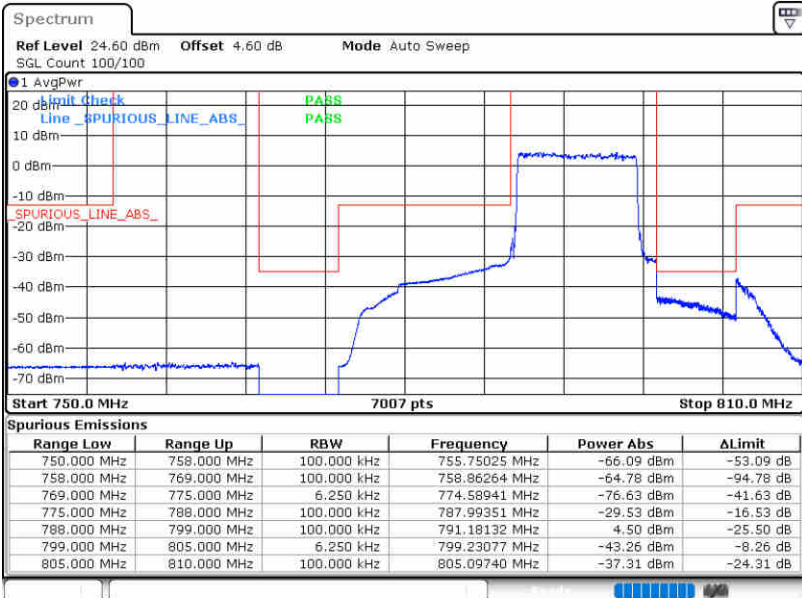
Highest Band Edge / 1 RB



Date: 28.APR.2023 13:11:32

Date: 28.APR.2023 13:33:57

Band Edge / Full RB



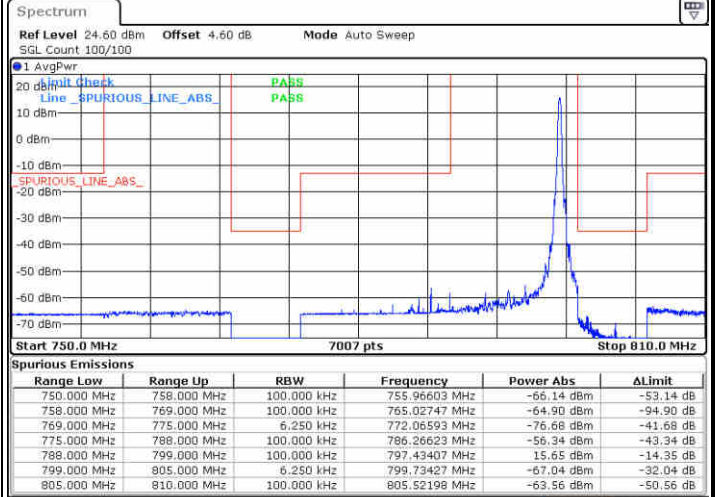
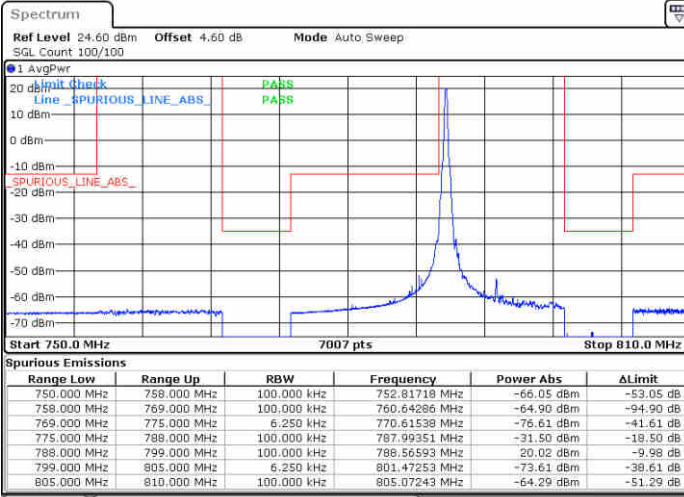
Date: 28.APR.2023 13:39:11



LTE Band 14 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

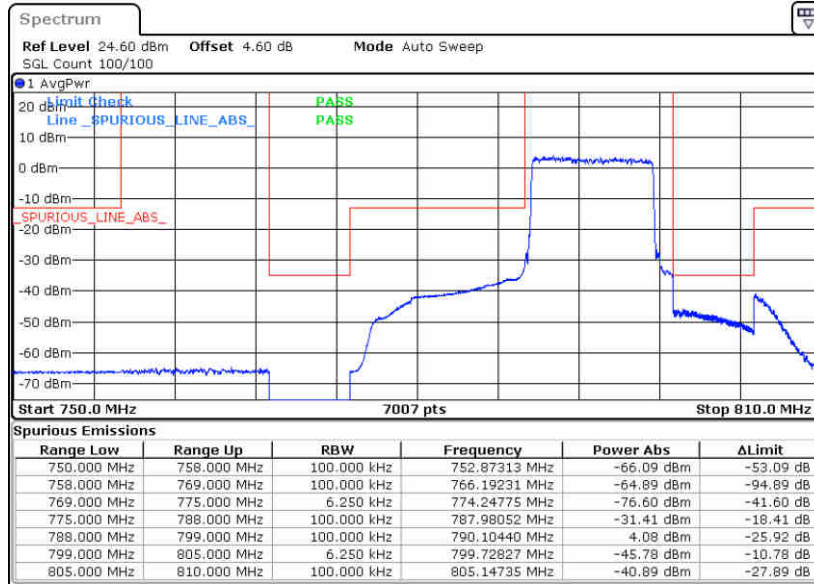
Highest Band Edge / 1 RB



Date: 28.APR.2023 13:13:16

Date: 28.APR.2023 13:32:12

Band Edge / Full RB

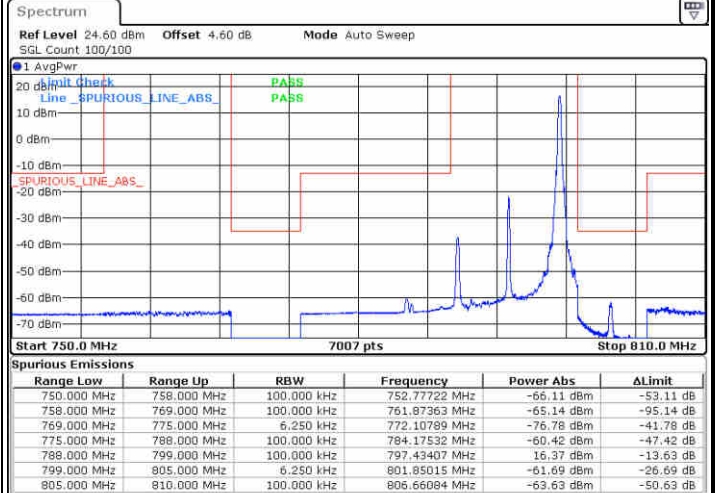
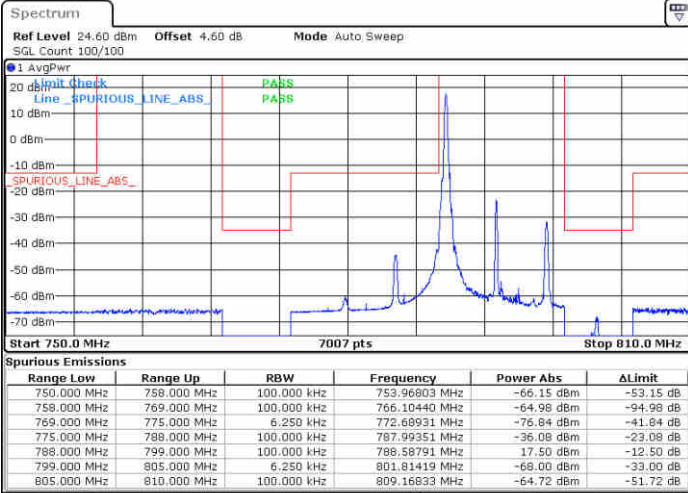


Date: 28.APR.2023 13:40:55

LTE Band 14 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Date: 28.APR.2023 13:15:01

Date: 28.APR.2023 14:29:27

Band Edge / Full RB



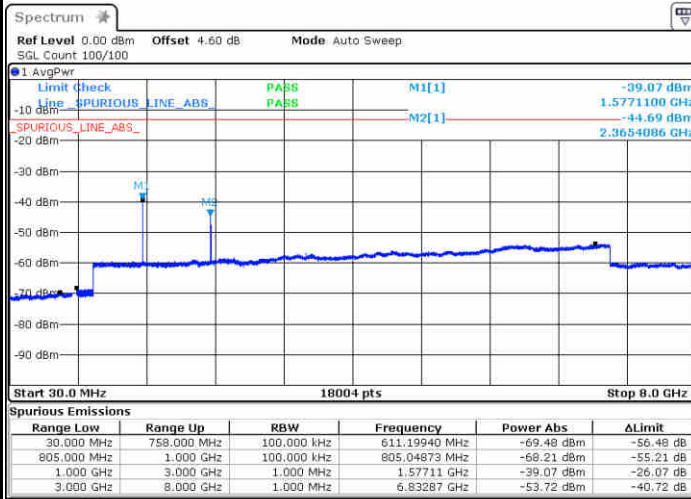
Date: 28.APR.2023 13:42:40



Conducted Spurious Emission

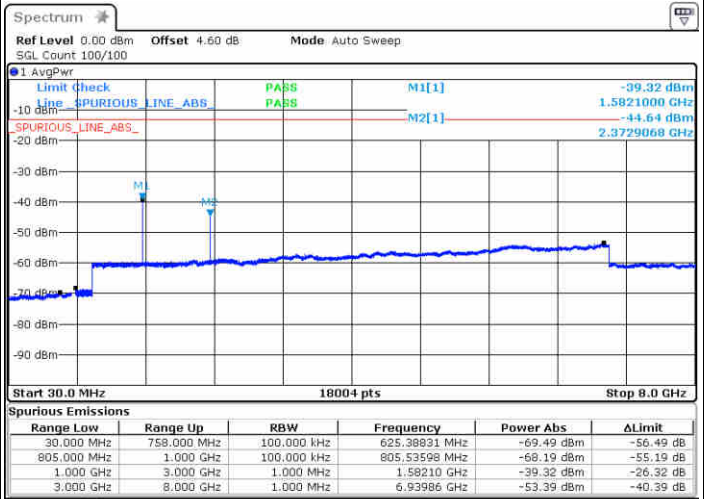
LTE Band 14 / 5MHz

Lowest Channel / QPSK



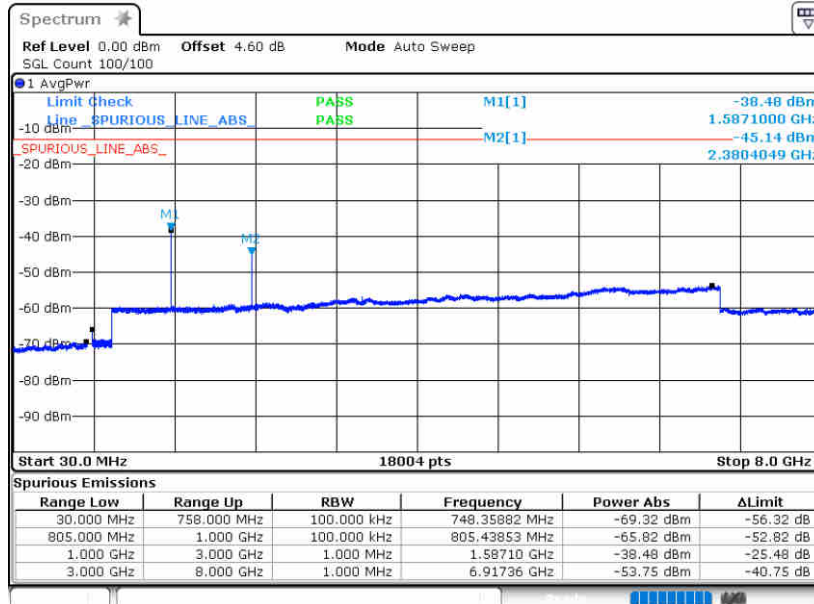
Date: 28.APR.2023 14:55:27

Middle Channel / QPSK



Date: 28.APR.2023 14:56:46

Highest Channel / QPSK

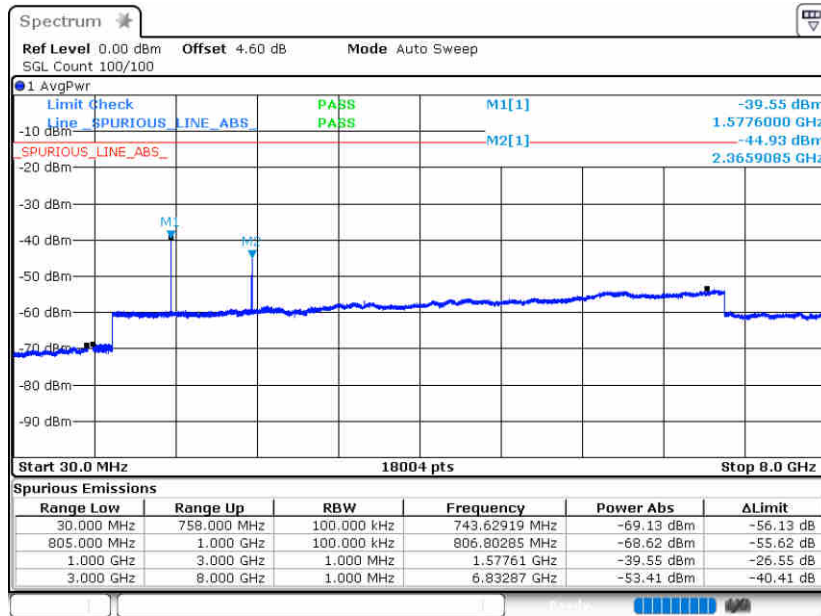


Date: 28.APR.2023 14:58:05



LTE Band 14 / 10MHz

Middle Channel / QPSK

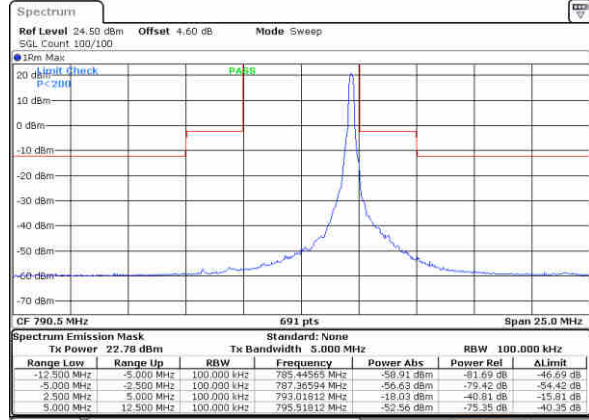
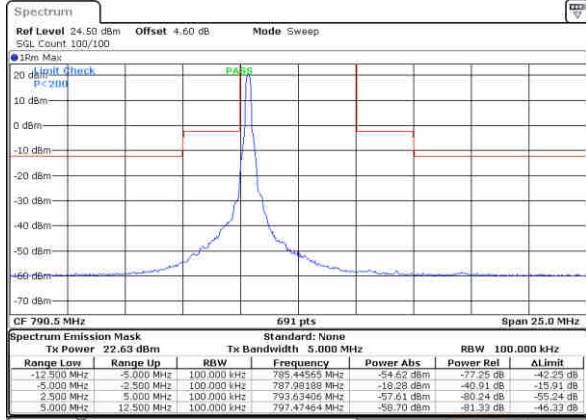


Date: 28.APR.2023 15:29:14

Mask

LTE Band 14 / 5MHz / QPSK

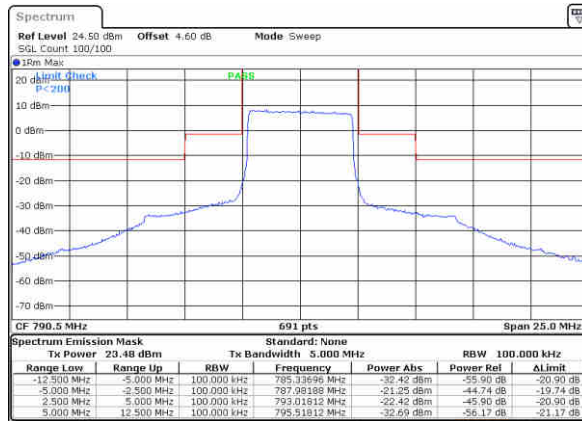
Lowest Channel / 1RB



Date: 28.APR.2023 10:17:45

Date: 28.APR.2023 10:28:40

Lowest Channel / Full RB

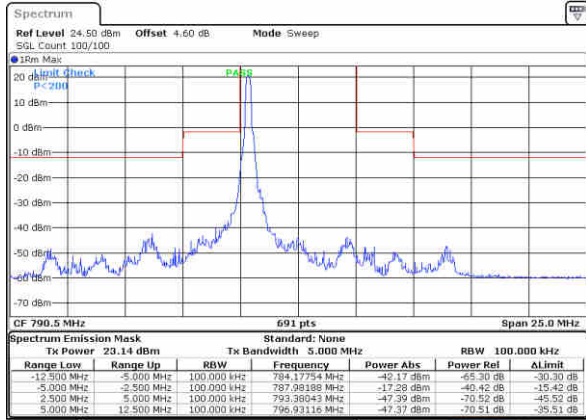


Date: 28.APR.2023 10:27:16

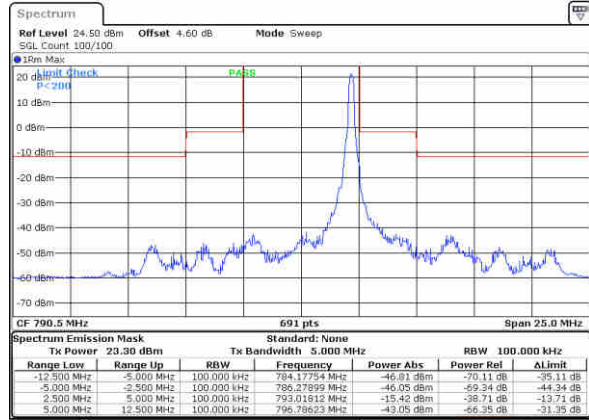


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

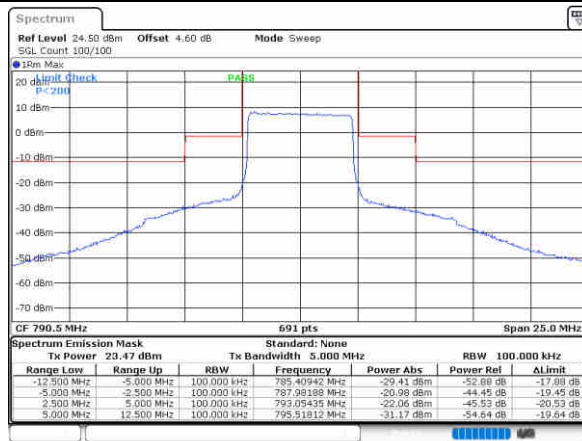


Date: 28.APR.2023 10:19:07



Date: 28.APR.2023 10:19:02

Lowest Channel / Full RB

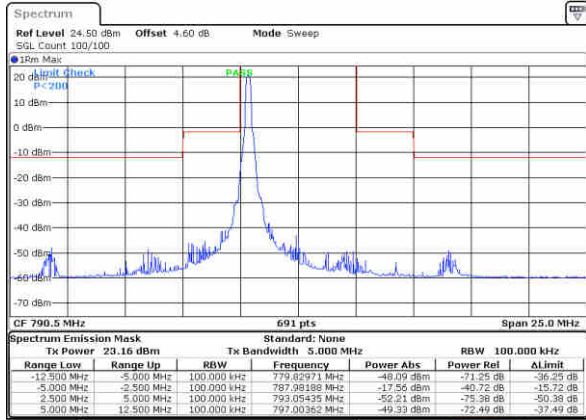


Date: 28.APR.2023 10:20:56

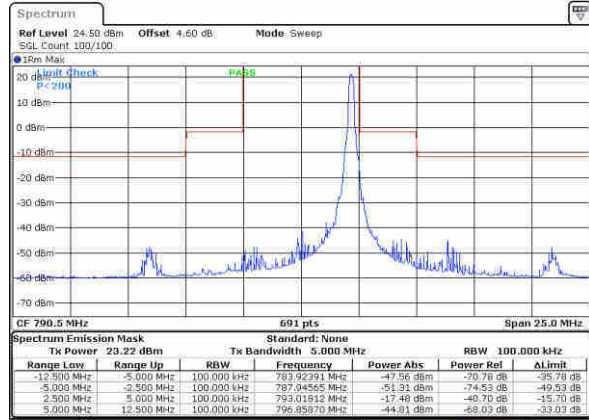


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

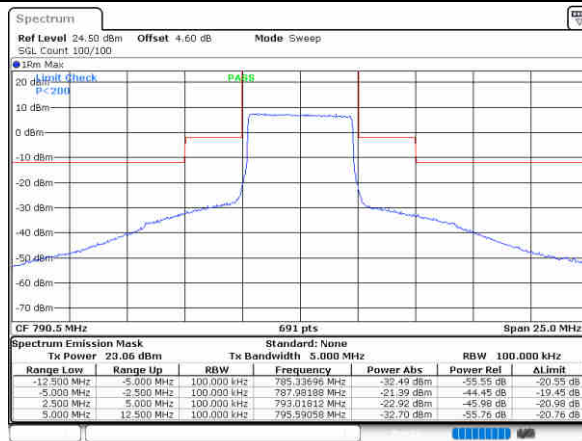


Date: 28.APR.2023 10:120:29



Date: 28.APR.2023 10:131:24

Lowest Channel / Full RB

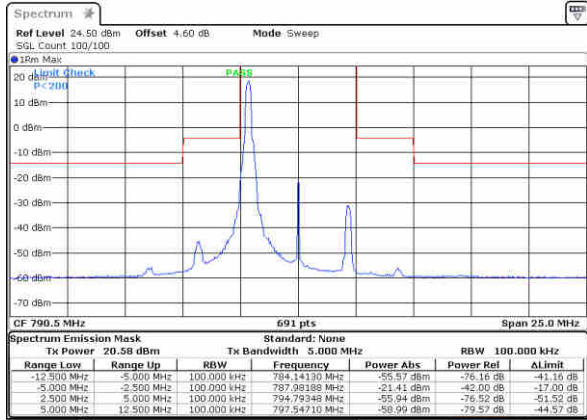


Date: 28.APR.2023 10:24:34

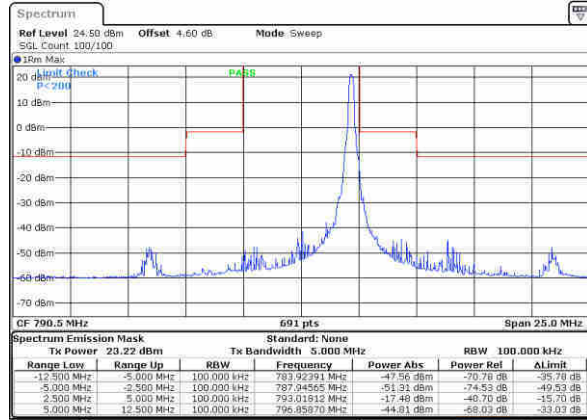


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

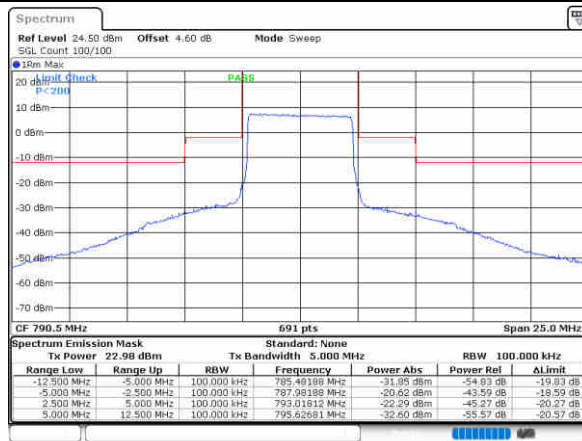


Date: 26.APR.2023 11:35:17



Date: 26.APR.2023 10:31:24

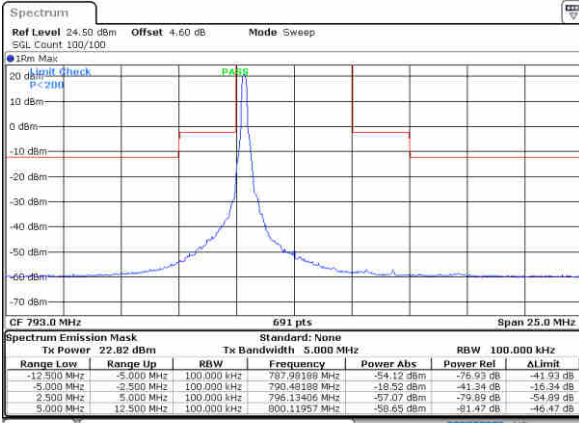
Lowest Channel / Full RB



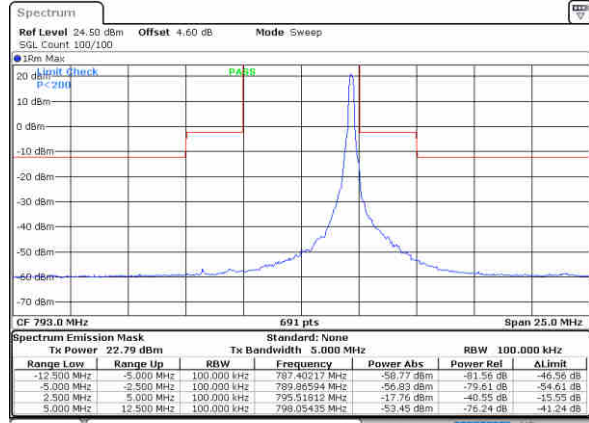
Date: 26.APR.2023 10:23:13

LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

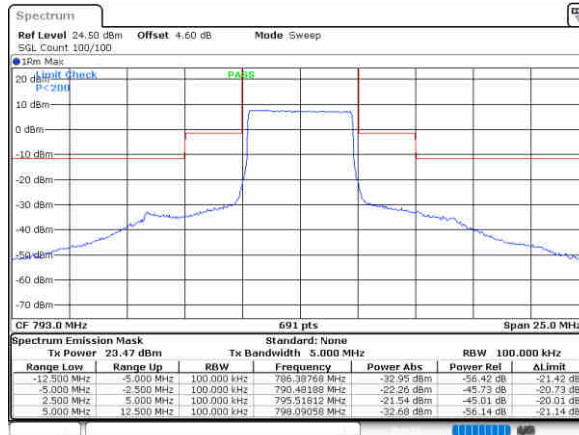


Date: 28.APR.2023 15:34:13



Date: 28.APR.2023 10:43:36

Middle Channel / Full RB

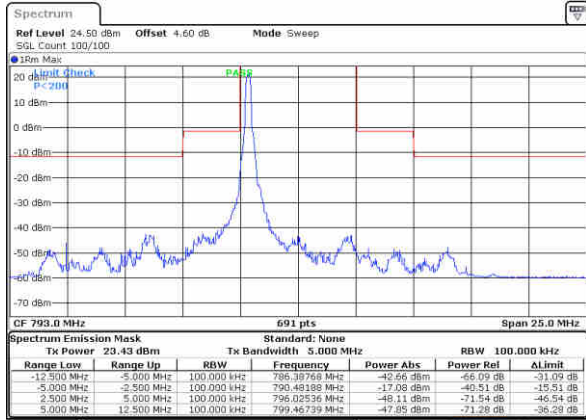


Date: 28.APR.2023 10:48:37

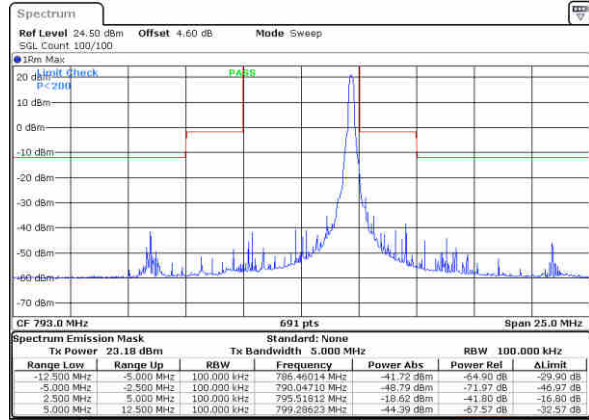


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

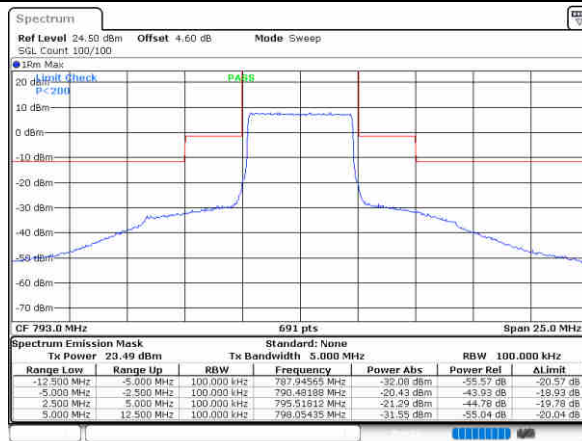


Date: 28.APR.2023 10:35:29



Date: 28.APR.2023 10:42:15

Middle Channel / Full RB

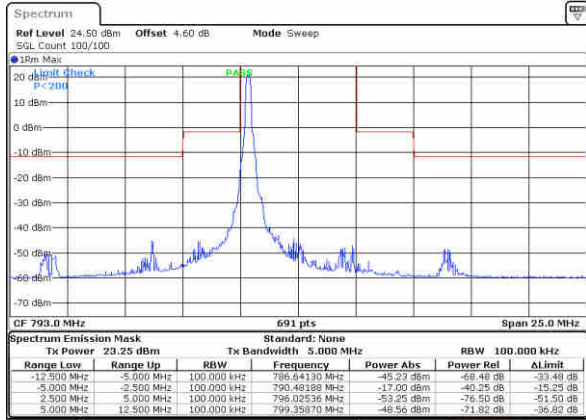


Date: 28.APR.2023 10:46:19

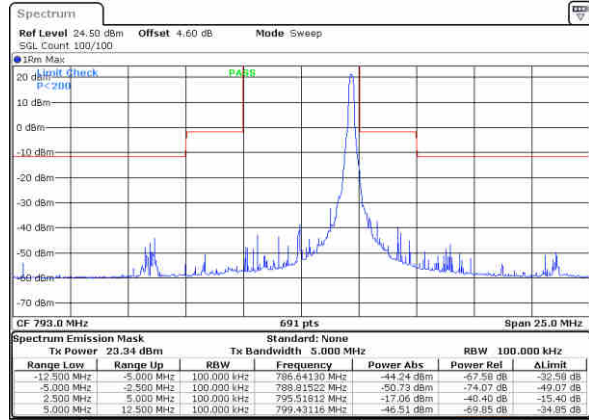


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

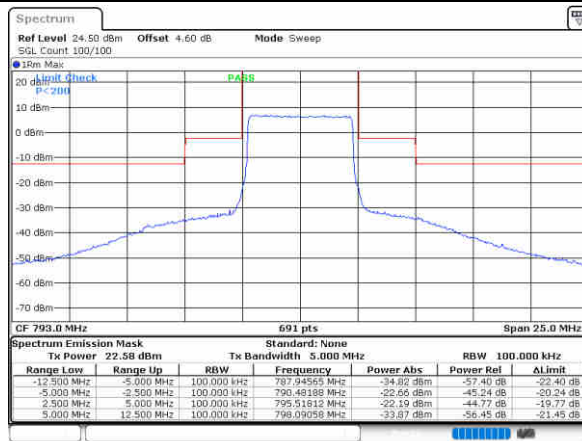


Date: 28.APR.2023 10:36:50



Date: 28.APR.2023 10:40:54

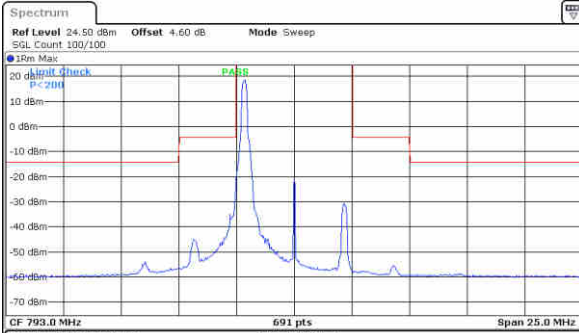
Middle Channel / Full RB



Date: 28.APR.2023 10:47:40

LTE Band 14 / 5MHz / 256QAM

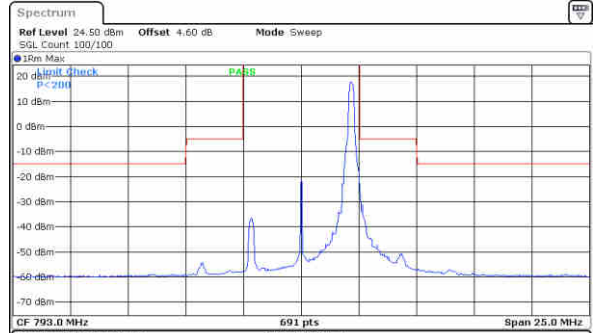
Middle Channel / 1RB



CF 793.0 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.60 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	786.56894 MHz	-54.07 dBm	-74.66 dB	-39.66 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	790.48188 MHz	-20.31 dBm	-40.91 dB	-19.91 dB			
2.500 MHz	5.000 MHz	100.000 kHz	797.29348 MHz	-55.87 dBm	-76.27 dB	-51.27 dB			
5.000 MHz	12.500 MHz	100.000 kHz	800.19203 MHz	-58.71 dBm	-79.30 dB	-54.30 dB			

Date: 28.APR.2023 10:13:11

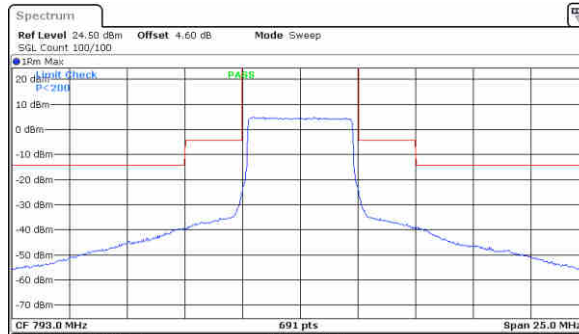


CF 795.0 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.03 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	786.56894 MHz	-58.80 dBm	-78.82 dB	-43.82 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	788.74275 MHz	-54.27 dBm	-74.30 dB	-49.30 dB			
2.500 MHz	5.000 MHz	100.000 kHz	795.51812 MHz	-22.64 dBm	-42.67 dB	-17.67 dB			
5.000 MHz	12.500 MHz	100.000 kHz	798.05435 MHz	-56.97 dBm	-77.00 dB	-52.00 dB			

Date: 28.APR.2023 10:13:33

Middle Channel / Full RB



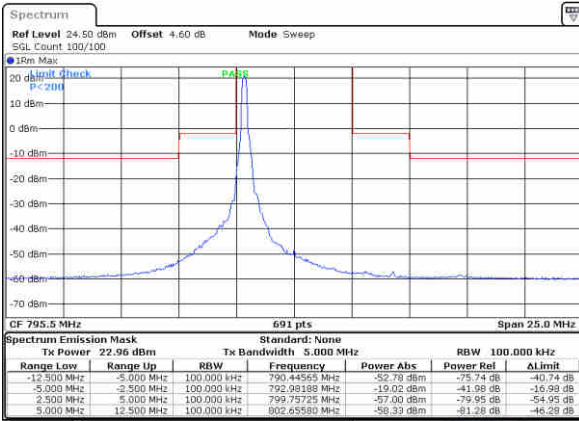
CF 793.0 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.58 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	787.98188 MHz	-39.36 dBm	-59.94 dB	-24.94 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	790.48188 MHz	-25.05 dBm	-45.63 dB	-20.63 dB			
2.500 MHz	5.000 MHz	100.000 kHz	795.51812 MHz	-24.36 dBm	-44.94 dB	-19.94 dB			
5.000 MHz	12.500 MHz	100.000 kHz	798.12681 MHz	-39.07 dBm	-59.65 dB	-24.65 dB			

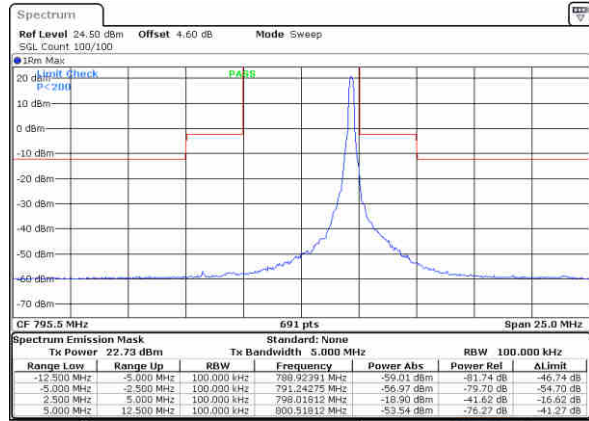
Date: 28.APR.2023 10:49:01

LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

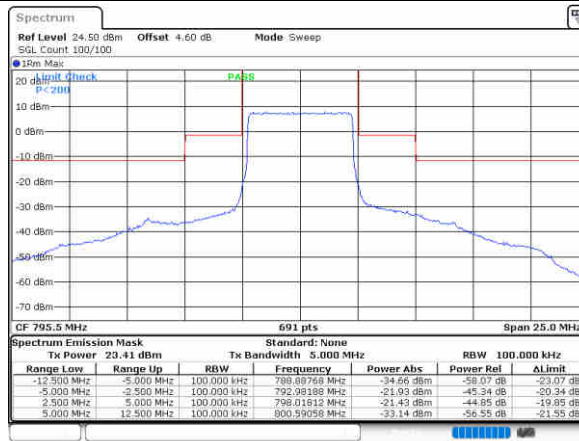


Date: 28.APR.2023 10:15:023



Date: 28.APR.2023 10:15:453

Highest Channel / Full RB

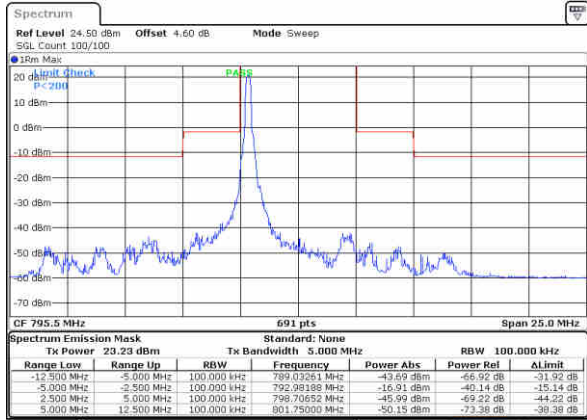


Date: 28.APR.2023 11:09:333

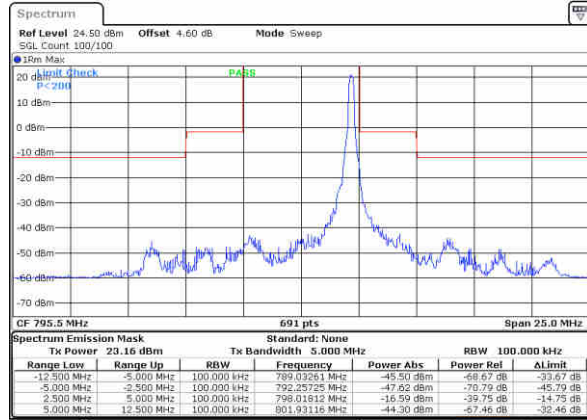


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

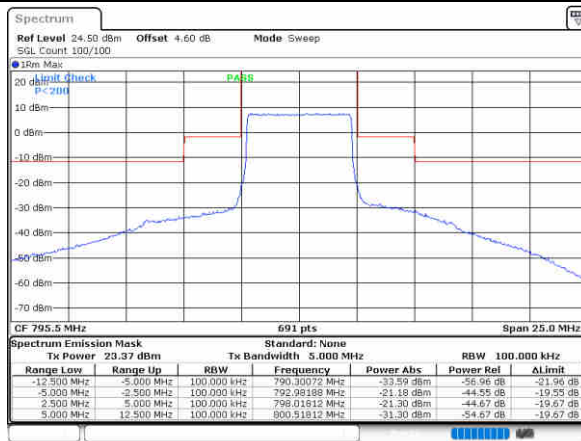


Date: 28.APR.2023 10:51:45



Date: 28.APR.2023 10:57:15

Highest Channel / Full RB

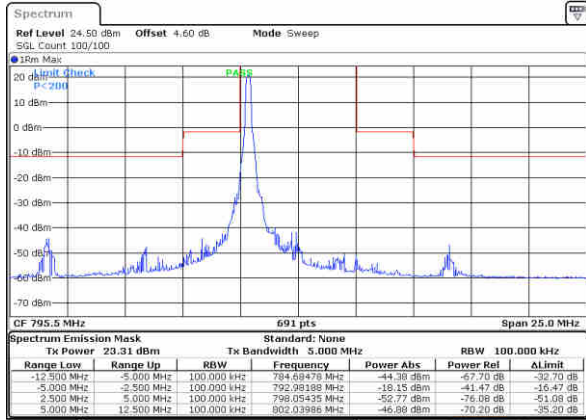


Date: 28.APR.2023 11:04:11

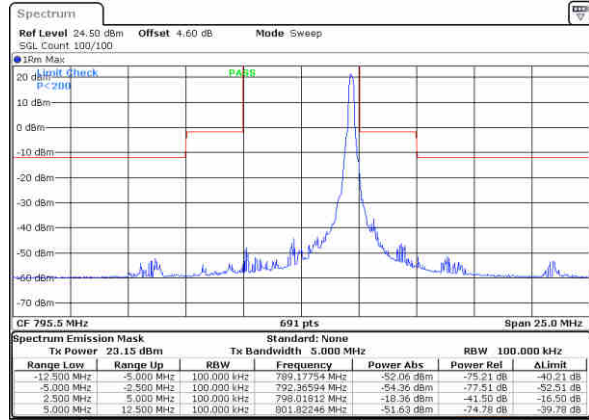


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

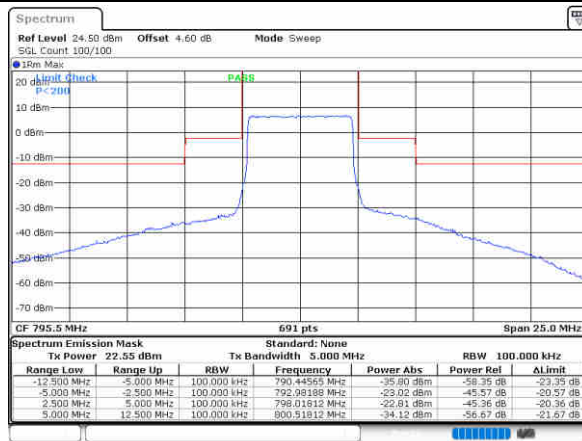


Date: 28.APR.2023 10:53:07



Date: 28.APR.2023 10:58:37

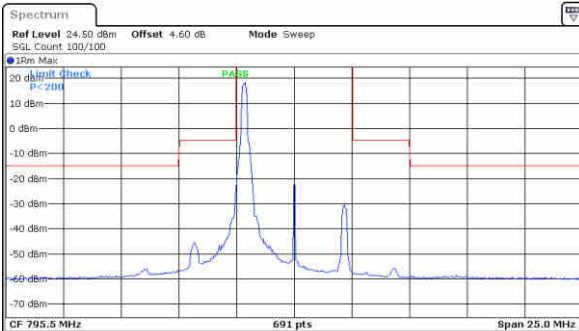
Highest Channel / Full RB



Date: 28.APR.2023 11:02:49

LTE Band 14 / 5MHz / 256QAM

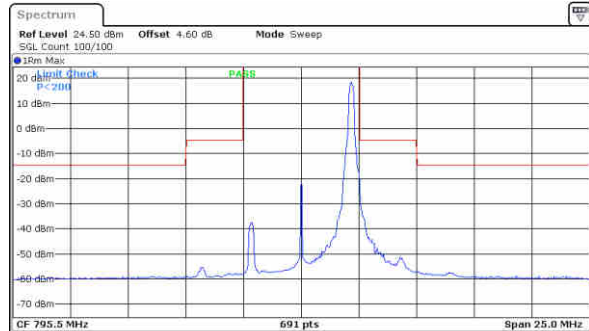
Highest Channel / 1RB



CF 795.5 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.26 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Ref	ΔLimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	795.10507 MHz	-55.04 dBm	-76.30 dB	-41.30 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	792.98188 MHz	-22.66 dBm	-42.93 dB	-17.93 dB			
2.500 MHz	5.000 MHz	100.000 kHz	799.79349 MHz	-55.57 dBm	-75.84 dB	-50.84 dB			
5.000 MHz	12.500 MHz	100.000 kHz	800.51087 MHz	-58.68 dBm	-78.94 dB	-43.94 dB			

Date: 28.APR.2023 10:154:29

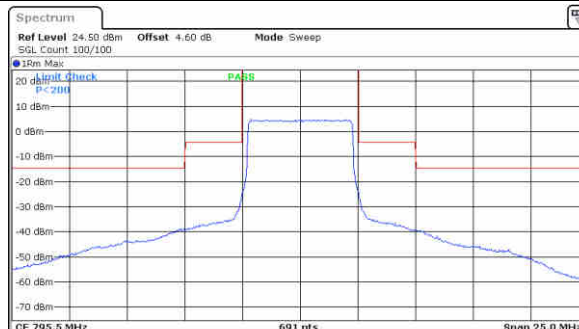


CF 795.5 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.30 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Ref	ΔLimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	799.03251 MHz	-59.01 dBm	-79.21 dB	-44.21 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	791.24275 MHz	-56.27 dBm	-75.57 dB	-50.57 dB			
2.500 MHz	5.000 MHz	100.000 kHz	798.01812 MHz	-20.54 dBm	-40.84 dB	-15.84 dB			
5.000 MHz	12.500 MHz	100.000 kHz	800.95435 MHz	-57.22 dBm	-77.52 dB	-42.52 dB			

Date: 28.APR.2023 10:159:159

Highest Channel / Full RB



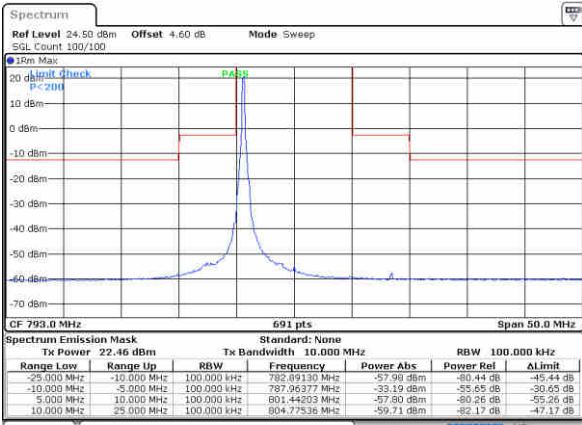
CF 795.5 MHz 691 pts Span 25.0 MHz

Spectrum Emission Mask		Standard: None		Tx Power 20.52 dBm		Tx Bandwidth 5.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Ref	ΔLimit			
-12.500 MHz	-5.000 MHz	100.000 kHz	790.33696 MHz	-39.07 dBm	-59.38 dB	-24.38 dB			
-5.000 MHz	-2.500 MHz	100.000 kHz	792.00188 MHz	-24.48 dBm	-45.00 dB	-20.00 dB			
2.500 MHz	5.000 MHz	100.000 kHz	798.01812 MHz	-24.28 dBm	-44.80 dB	-19.80 dB			
5.000 MHz	12.500 MHz	100.000 kHz	800.95435 MHz	-39.60 dBm	-60.11 dB	-25.11 dB			

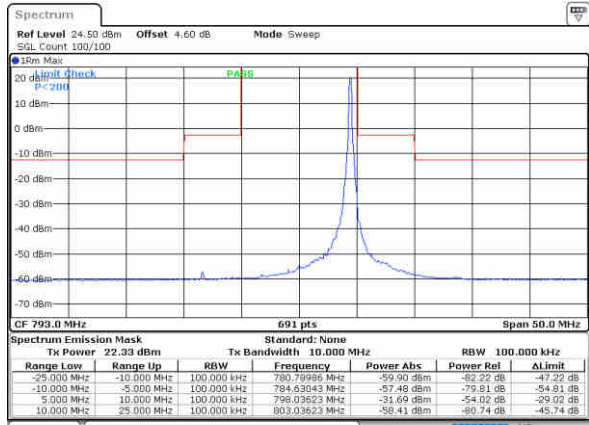
Date: 28.APR.2023 11:03:24

LTE Band 14 / 10MHz / QPSK

Middle Channel / 1RB

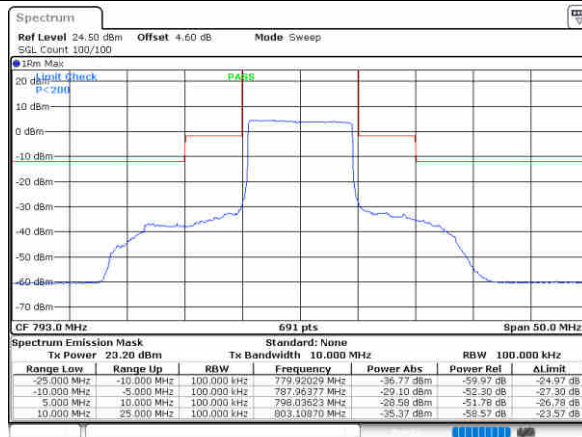


Date: 28.APR.2023 15:43:00



Date: 28.APR.2023 15:55:07

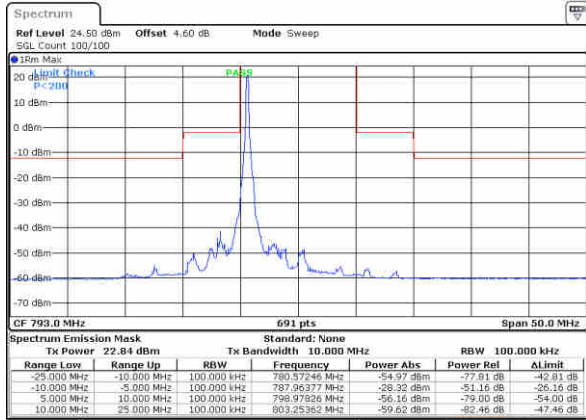
Middle Channel / Full RB



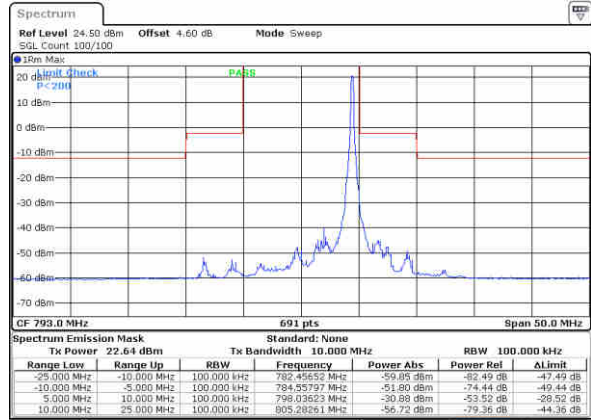
Date: 28.APR.2023 16:06:39

LTE Band 14 / 10MHz / 16QAM

Middle Channel / 1RB

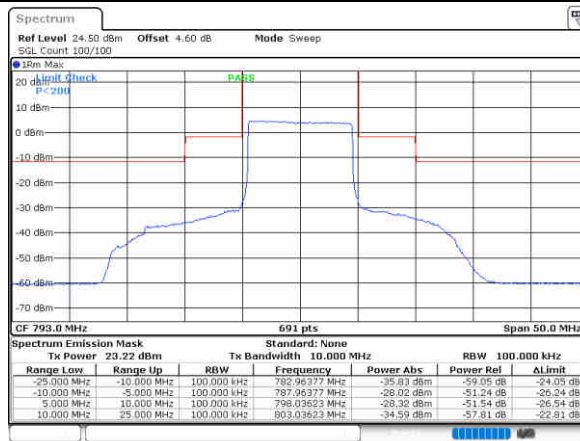


Date: 28.APR.2023 15:46:11



Date: 28.APR.2023 15:58:35

Middle Channel / Full RB

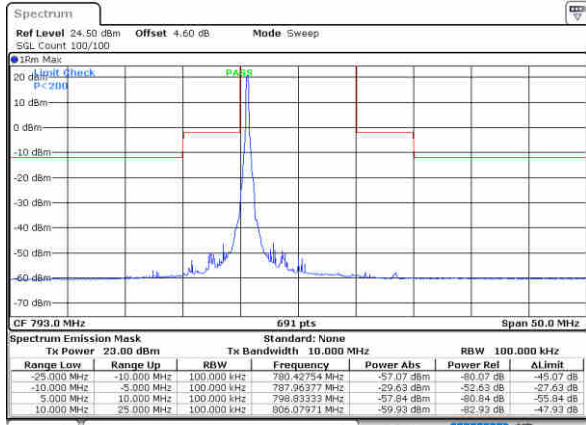


Date: 28.APR.2023 16:09:46

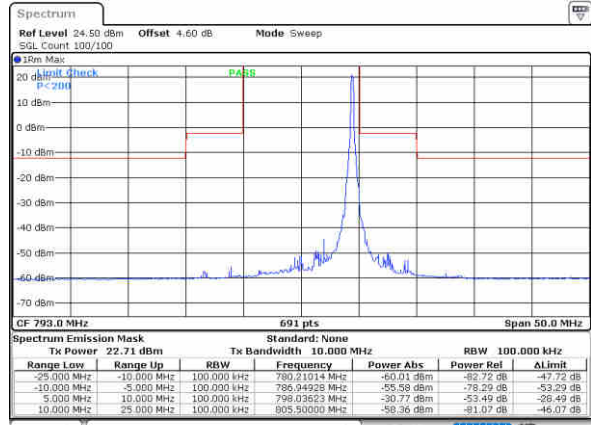


LTE Band 14 / 10MHz / 64QAM

Middle Channel / 1RB

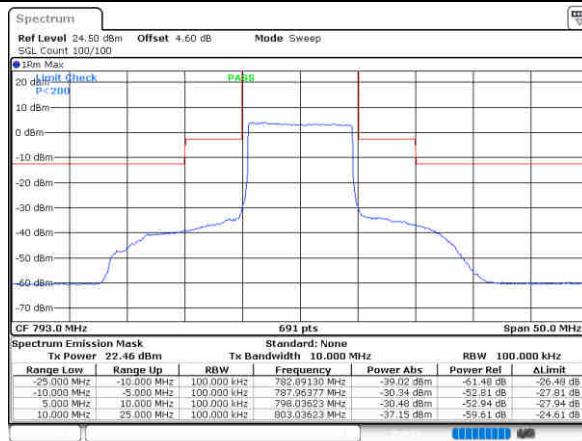


Date: 28.APR.2023 15:48:41



Date: 28.APR.2023 16:00:56

Middle Channel / Full RB

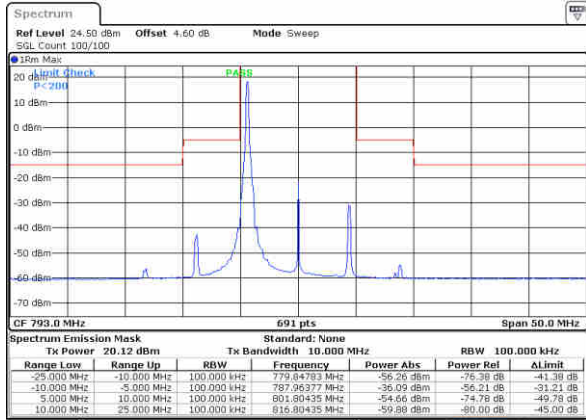


Date: 28.APR.2023 16:13:05

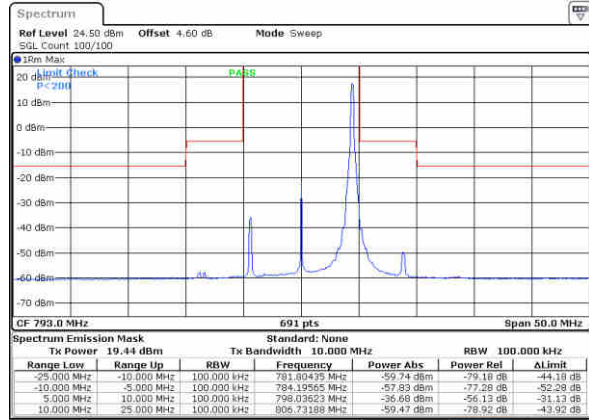


LTE Band 14 / 10MHz / 256QAM

Middle Channel / 1RB

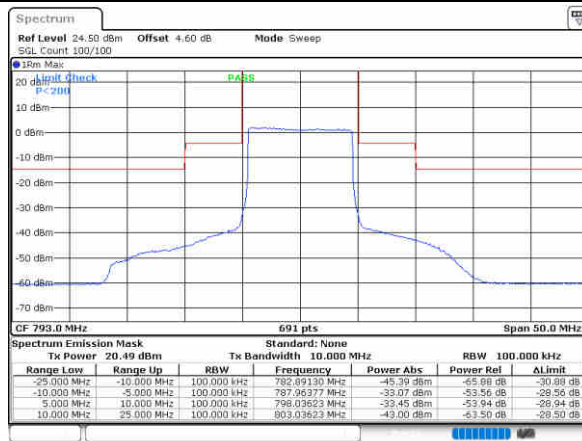


Date: 28.APR.2023 15:51:00



Date: 28.APR.2023 16:03:42

Middle Channel / Full RB



Date: 28.APR.2023 16:13:39



Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0008	

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

Test Engineer :	Chen Hui	Temperature :	22~25°C
		Relative Humidity :	41~42%

LTE Band 14 / QPSK / RB Size 1 Offset 0									
Bandwidth	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
5MHz L	1576	-61.28	-42.15	-19.13	-63.91	1.09	5.87	1576	H
	2368	-58.06	-13	-45.06	-60.46	1.37	5.92	2368	H
	3152	-60.35	-13	-47.35	-64.24	1.64	7.68	3152	H
	1576	-60.18	-42.15	-18.03	-62.81	1.09	5.87	1576	V
	2368	-59.12	-13	-46.12	-61.52	1.37	5.92	2368	V
	3152	-60.43	-13	-47.43	-64.32	1.64	7.68	3152	V
5MHz M	1584	-62.99	-42.15	-20.84	-65.62	1.09	5.87	1584	H
	2376	-58.54	-13	-45.54	-60.94	1.37	5.92	2376	H
	3160	-60.28	-13	-47.28	-64.17	1.64	7.68	3160	H
	1584	-62.18	-42.15	-20.03	-64.81	1.09	5.87	1584	V
	2376	-59.28	-13	-46.28	-61.68	1.37	5.92	2376	V
	3160	-59.92	-13	-46.92	-63.81	1.64	7.68	3160	V
5MHz H	1584	-62.64	-42.15	-20.49	-65.27	1.09	5.87	1584	H
	2376	-56.89	-13	-43.89	-59.29	1.37	5.92	2376	H
	3176	-60.65	-13	-47.65	-64.54	1.64	7.68	3176	H
	1584	-64.43	-42.15	-22.28	-67.06	1.09	5.87	1584	V
	2376	-57.71	-13	-44.71	-60.11	1.37	5.92	2376	V
	3176	-60.48	-13	-47.48	-64.37	1.64	7.68	3176	V
10MHz M	1576	-62.97	-42.15	-20.82	-65.60	1.09	5.87	1576	H
	2368	-58.05	-13	-45.05	-60.45	1.37	5.92	2368	H
	3152	-60.67	-13	-47.67	-64.56	1.64	7.68	3152	H
	1576	-60.80	-42.15	-18.65	-63.43	1.09	5.87	1576	V
	2368	-57.39	-13	-44.39	-59.79	1.37	5.92	2368	V
	3152	-59.68	-13	-46.68	-63.57	1.64	7.68	3152	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.									
Test Result					PASS				