



中认信通

CHINA CERTIFICATION ICT CO., LTD. (DONGGUAN)



TEST REPORT

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FCC ID: 2AGNTMDX600958A

Product Name: EVO Max

Standard(s): 47 CFR Part 15, Subpart C(15.247)
ANSI C63.10-2013
KDB 558074 D01 15.247 Meas Guidance v05r02

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR230955603-00B

Date Of Issue: 2023/11/28

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230955603-00B	Original Report	2023/11/28

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	EVO Max
EUT Model:	MDX
Operation Frequency:	SRD 1.4MHz: 904-926 MHz, 2403.5-2475.5 MHz SRD 10MHz: 909-921 MHz, 2407.5-2471.5 MHz SRD 20MHz: 914-916 MHz, 2412.5-2462.5 MHz
Maximum Average Output Power (Conducted):	SRD-900MHz: 28.97 dBm SRD-2.4GHz: 26.51 dBm
Modulation Type:	QPSK ,16QAM
Rated Input Voltage:	DC 14.88V from battery
Serial Number:	2BJM-12 (For RF Conducted Test) 2BJM-1 (For Radiated Emission Test)
EUT Received Date:	2023/9/22
EUT Received Status:	Good

Operation Frequency Detail:

For SRD-900MHz band 1.4MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	904	13	916
2	905	14	917
3	906	15	918
...	...	...	...
...	...	22	925
11	914	23	926
12	915	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	904
Middle	916
Highest	926

For SRD-900MHz band 10MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	909	8	916
2	910	9	917
3	911	10	918
4	912	11	919
5	913	12	920
6	914	13	921
7	915	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	909
Middle	915
Highest	921

For SRD-900MHz band 20MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	914	3	916
2	915	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	914
Middle	915
Highest	916

For SRD-2.4GHz band 1.4MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2403.5	38	2440.5
2	2404.5	39	2441.5
3	2405.5	40	2442.5
...	...	...	...
...	...	72	2474.5
36	2438.5	73	2475.5
37	2439.5	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	2403.5
Middle	2439.5
Highest	2475.5

For SRD-2.4GHz band 10MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2407.5	34	2440.5
2	2408.5	35	2441.5
3	2409.5	36	2442.5
...	...	...	...
...	...	64	2470.5
32	2438.5	65	2471.5
33	2439.5	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	2407.5
Middle	2439.5
Highest	2471.5

For SRD-2.4GHz band 20MHz Bandwidth Mode:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412.5	27	2438.5
2	2413.5	28	2439.5
3	2414.5	29	2440.5
...	...	...	...
...	...	50	2461.5
25	2436.5	51	2462.5
26	2437.5	/	/

Per section 15.31(m), the below frequencies were performed the test as below:

Test Channel	Frequency (MHz)
Lowest	2412.5
Middle	2437.5
Highest	2462.5

Antenna Information Detail▲:

Antenna Chain	Manufacturer	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
0 (Tx&Rx)	Autel Robotics Co., Ltd.	PCB	50	902-928 MHz	0.3 dBi
				2400-2483.5 MHz	1.7 dBi
				5150-5250 MHz	-1.6 dBi
				5725-5850 MHz	0.8 dBi
1 (Rx Only)		PCB	50	902-928 MHz	1.1 dBi
				2400-2483.5 MHz	1.5 dBi
				5150-5250 MHz	4.2 dBi
				5725-5850 MHz	3.3 dBi
2 (Tx&Rx)		PCB	50	902-928 MHz	-0.8 dBi
				2400-2483.5 MHz	1.9 dBi
				5150-5250 MHz	0.7 dBi
				5725-5850 MHz	0.9 dBi
3 (Rx Only)		PCB	50	902-928 MHz	1.8 dBi
				2400-2483.5 MHz	1.3 dBi
				5150-5250 MHz	3.0 dBi
				5725-5850 MHz	3.9 dBi

The Method of §15.203 Compliance:

☒ Antenna was permanently attached to the unit.

☐ Antenna use a unique type of connector to attach to the EUT.

☐ Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
Adapter	Shenzhen Esun Power Technology Co.,Ltd	MDX 120W	Input: 100-240Vac 50/60Hz 3.0A Output: 17.0Vdc,7.06A(Main); USB-C:5.0Vdc,3.0A; 9.0Vdc,3.0A; 12.0Vdc,2.5A Total Output Power:120W Max

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

EUT Operation Mode:			The system was configured for testing in Engineering Mode, which was provided by the manufacturer. The device only supports MIMO mode 2Tx4Rx.					
Equipment Modifications:			No					
EUT Exercise Software:			RRTL6.0.0_VCOM					
The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer ▲ :								
Test Modes		Data rate	Power Level Setting					
			Lowest Channel		Middle Channel		Highest Channel	
			Chain 0	Chain 2	Chain 0	Chain 2	Chain 0	Chain 2
900MHz Band QPSK	1.4M	120kbps	65	65	65	65	65	65
	10M	19Mbps	40	40	40	40	40	40
	20M	38Mbps	40	40	40	40	40	40
900MHz Band 16QAM	1.4M	120kbps	60	60	65	65	62	62
	10M	19Mbps	40	40	40	40	40	40
	20M	38Mbps	40	40	40	40	40	40
2.4GHz Band QPSK	1.4M	120kbps	43	43	43	43	43	43
	10M	19Mbps	50	50	50	50	50	50
	20M	38Mbps	57	57	50	50	50	50
2.4GHz Band 16QAM	1.4M	120kbps	43	43	43	43	43	43
	10M	19Mbps	40	40	40	40	50	50
	20M	38Mbps	57	57	50	50	50	50

1.2.2 Support Equipment List and Details

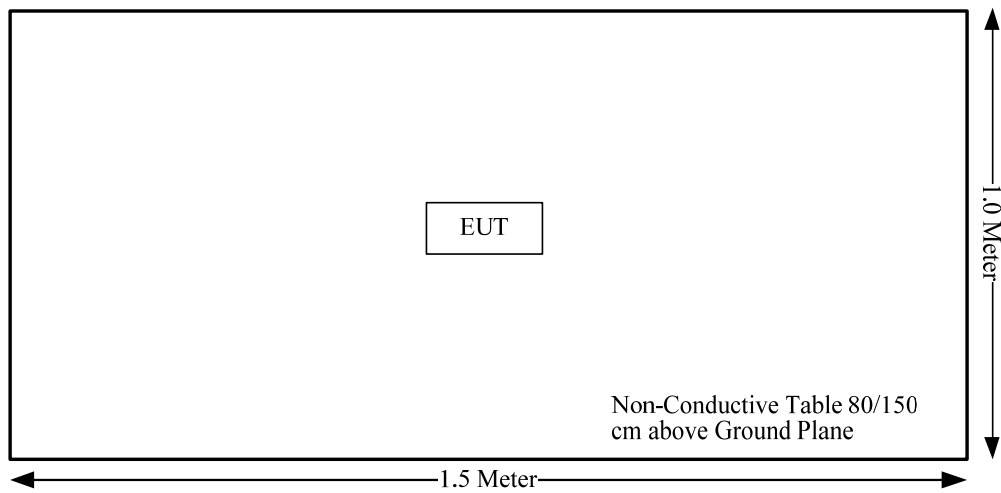
Manufacturer	Description	Model	Serial Number
/	/	/	/

1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
/	/	/	/	/	/

1.2.4 Block Diagram of Test Setup

Radiated spurious emissions



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB,200M~1GHz: 5.61 dB,1G~6GHz: 5.14 dB, 6G~18GHz: 5.93 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dB
Unwanted Emissions, conducted	±1.26 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
§15.207(a)	AC line conducted emissions	Not Applicable
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliant
§15.247 (a)(2)	6 dB Bandwidth	Compliant
§15.247(b)(3)	Maximum Conducted Output Power	Compliant
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliant
§15.247(e)	Power Spectral Density	Compliant
§15.203	Antenna Requirement	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

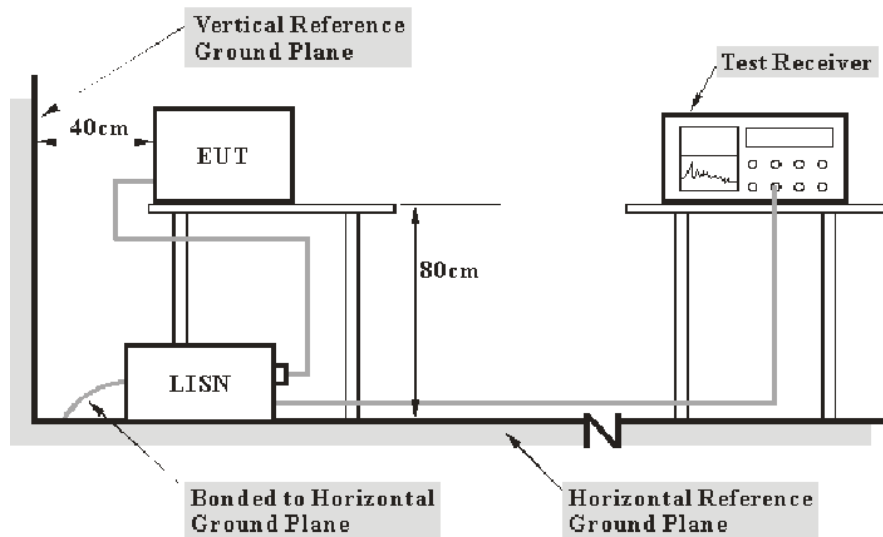
(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μ V within the frequency band 535-1705 kHz, as measured using a 50 μ H/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

3.1.2 EUT Setup



Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

3.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

3.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = attenuation caused by cable loss + voltage division factor of AMN

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

3.2 Radiation Spurious Emissions

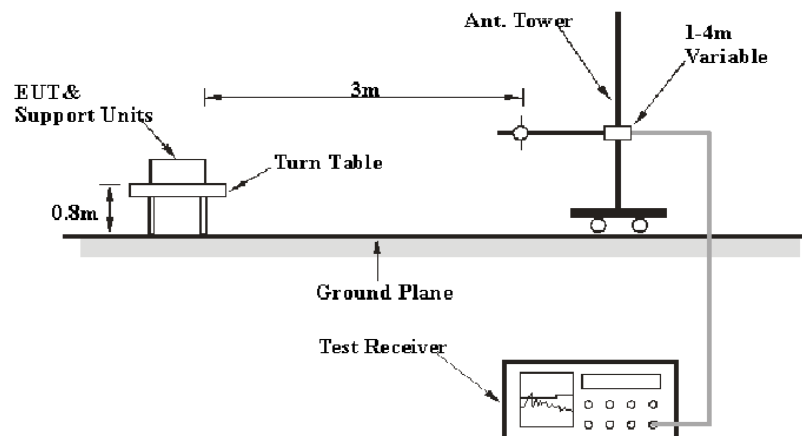
3.2.1 Applicable Standard

FCC §15.247 (d);

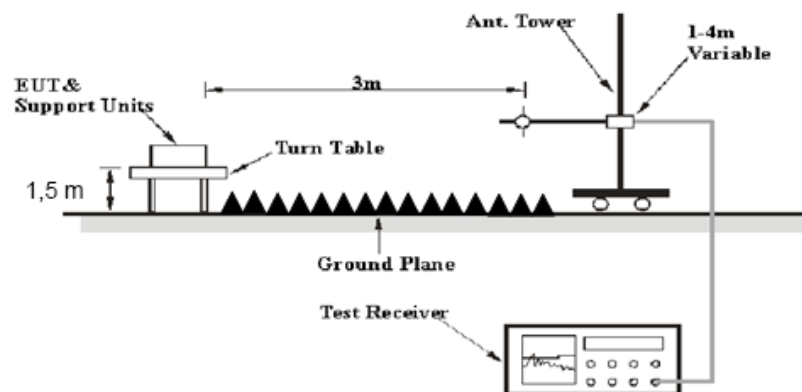
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

3.2.2 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emissions were performed in the 3 meters distance, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

3.2.3 EMI Test Receiver & Spectrum Analyzer Setup

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

30MHz-1000MHz:

Measurement	RBW	Video B/W	IF B/W
QP	100 kHz	300 kHz	120kHz

1GHz- 25GHz:

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
AV	>98%	1MHz	10 Hz
	<98%	1MHz	$\geq 1/T$

Note: T is minimum transmission duration

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

3.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 1 GHz.

3.2.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = Antenna Factor + Cable Loss- Amplifier Gain

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

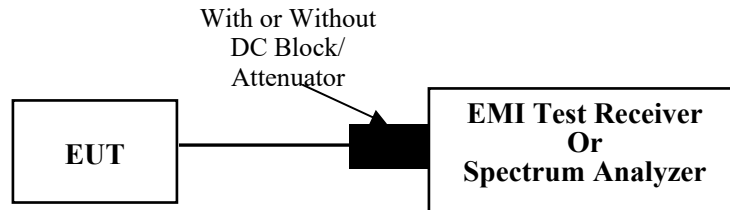
3.3 6 dB Emission Bandwidth:

3.3.1 Applicable Standard

FCC §15.247 (a)(2)

Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

3.3.2 EUT Setup



3.3.3 Test Procedure

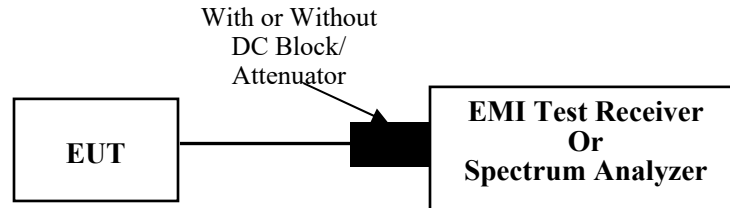
According to ANSI C63.10-2013 Section 11.8

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4 99% Occupied Bandwidth:

3.4.1 Applicable Standard

3.4.2 EUT Setup



3.4.3 Test Procedure

According to ANSI C63.10-2013 Section 6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

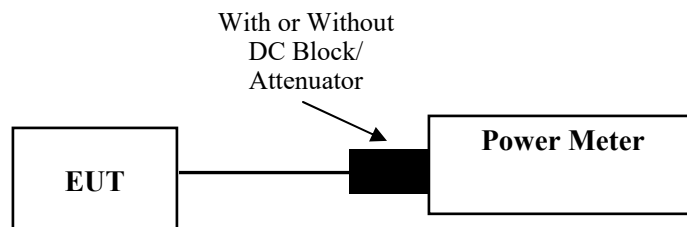
3.5 Maximum Conducted Output Power:

3.5.1 Applicable Standard

FCC §15.247 (b)(3)

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

3.5.2 EUT Setup



3.5.3 Test Procedure

According to ANSI C63.10-2013 Section 11.9.2.3.2

Method AVGPM-G is a measurement using a gated RF average power meter.

Alternatively, measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

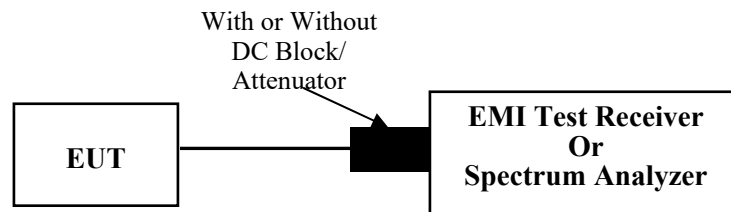
3.6 Maximum power spectral density:

3.6.1 Applicable Standard

FCC §15.247 (e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

3.6.2 EUT Setup



3.6.3 Test Procedure

Duty cycle $\geq 98\%$

According to ANSI C63.10-2013 Section 11.10.3

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$

According to ANSI C63.10-2013 Section 11.10.5

Duty cycle $< 98\%$, duty cycle variations exceed $\pm 2\%$

According to ANSI C63.10-2013 Section 11.10.7

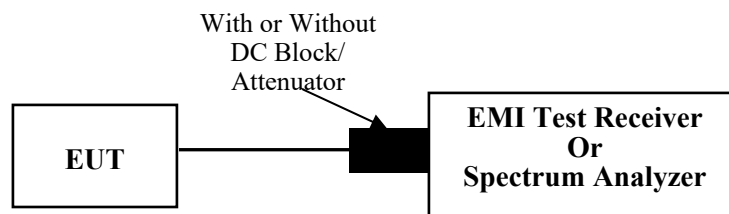
3.7 100 kHz Bandwidth of Frequency Band Edge:

3.7.1 Applicable Standard

FCC §15.247 (d);

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

3.7.2 EUT Setup



3.7.3 Test Procedure

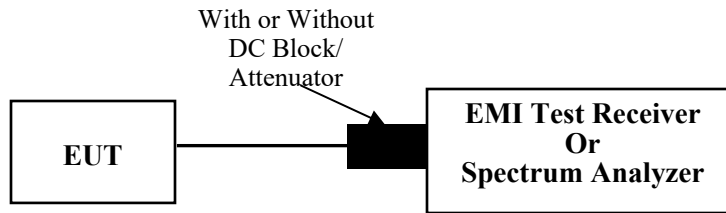
According to ANSI C63.10-2013 Section 11.11

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq [3 \times \text{RBW}]$.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.

3.8 Duty Cycle:

3.8.1 EUT Setup



3.8.2 Test Procedure

According to ANSI C63.10-2013 Section 11.6

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

- 1) Set the center frequency of the instrument to the center frequency of the transmission.
- 2) Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
- 3) Set $VBW \geq RBW$. Set detector = peak or average.
- 4) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

3.9 Antenna Requirement

3.9.1 Applicable Standard

FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.9.2 Judgment

Compliant. Please refer to the Antenna Information detail in Section 1.

4. Test DATA AND RESULTS

4.1 AC Line Conducted Emissions

Not Applicable, the device was powered by battery when operating.

4.2 Radiation Spurious Emissions

Serial Number:	2BJM-1	Test Date:	2023/10/14~2023/11/3
Test Site:	966-1,966-2	Test Mode:	Transmitting
Tester:	coco Tian, Jeff Luo, Vic Du	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	26~26.6	Relative Humidity: (%)	53~62	ATM Pressure: (kPa)	100.5~101.5

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-6	2023/9/18	2026/9/17
R&S	EMI Test Receiver	ESR3	102724	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
Audix	Test Software	E3	201021 (V9)	N/A	N/A
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2025/2/23
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/9	2023/11/8
PASTERNAK	Horn Antenna	PE9852/2F-20	112002	2021/2/5	2024/2/4
Quinstar	Preamplifier	QLW-18405536-JO	15964001005	2023/9/15	2024/9/14
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2023/8/6	2024/8/5
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2023/8/6	2024/8/5
Mini Circuits	High Pass Filter	VHF-6010+	31119	2023/8/6	2024/8/5

*** Statement of Traceability:** China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Please refer to the below table and plots.

1) 30MHz-1GHz

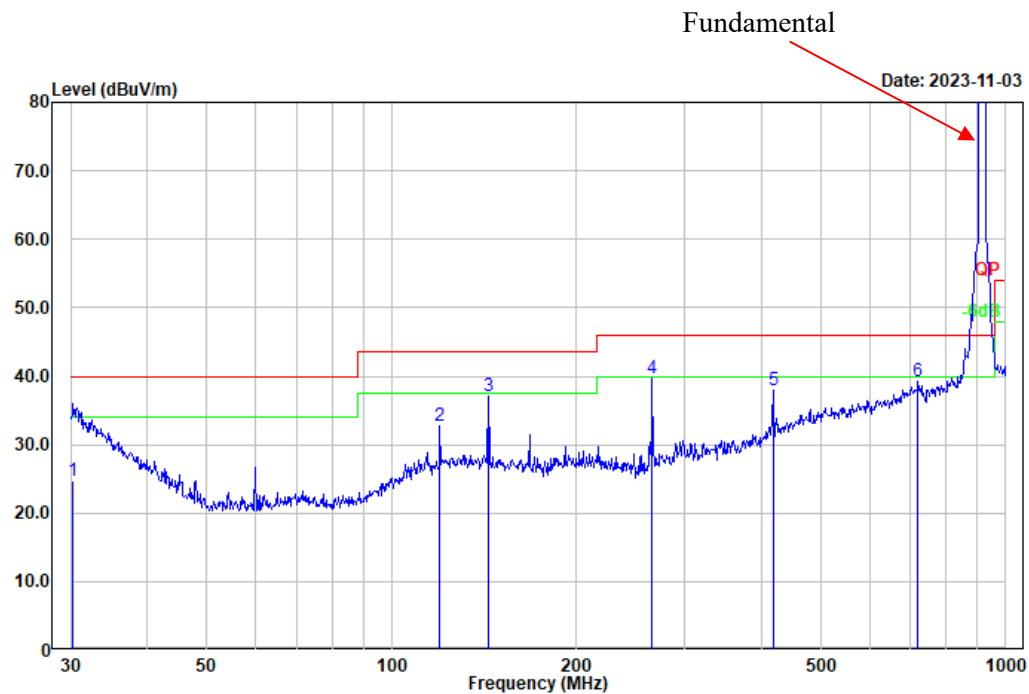
900M SRD-20M-QPSK-Low channel:

Project No.: CR230955603-RF

Tester: Vic Du

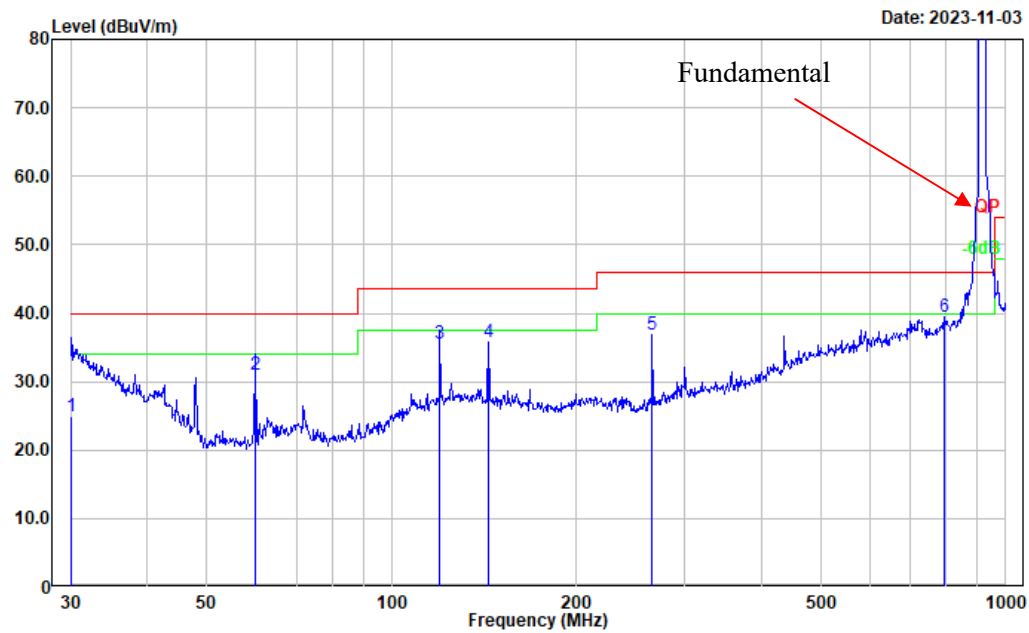
Polarization: horizontal

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.317	-2.66	27.44	24.78	40.00	15.22	QP
2	119.856	12.83	19.98	32.81	43.50	10.69	Peak
3	143.830	17.43	19.63	37.06	43.50	6.44	Peak
4	265.676	20.64	19.08	39.72	46.00	6.28	Peak
5	417.641	14.80	23.23	38.03	46.00	7.97	Peak
6	719.200	11.29	27.90	39.19	46.00	6.81	Peak

Project No.: CR230955603-RF
Tester: Vic Du
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	-2.73	27.60	24.87	40.00	15.13	QP
2	59.859	16.89	14.17	31.06	40.00	8.94	QP
3	119.856	15.55	19.98	35.53	43.50	7.97	QP
4	143.830	16.23	19.63	35.86	43.50	7.64	Peak
5	265.676	17.82	19.08	36.90	46.00	9.10	Peak
6	796.183	10.53	28.93	39.46	46.00	6.54	Peak

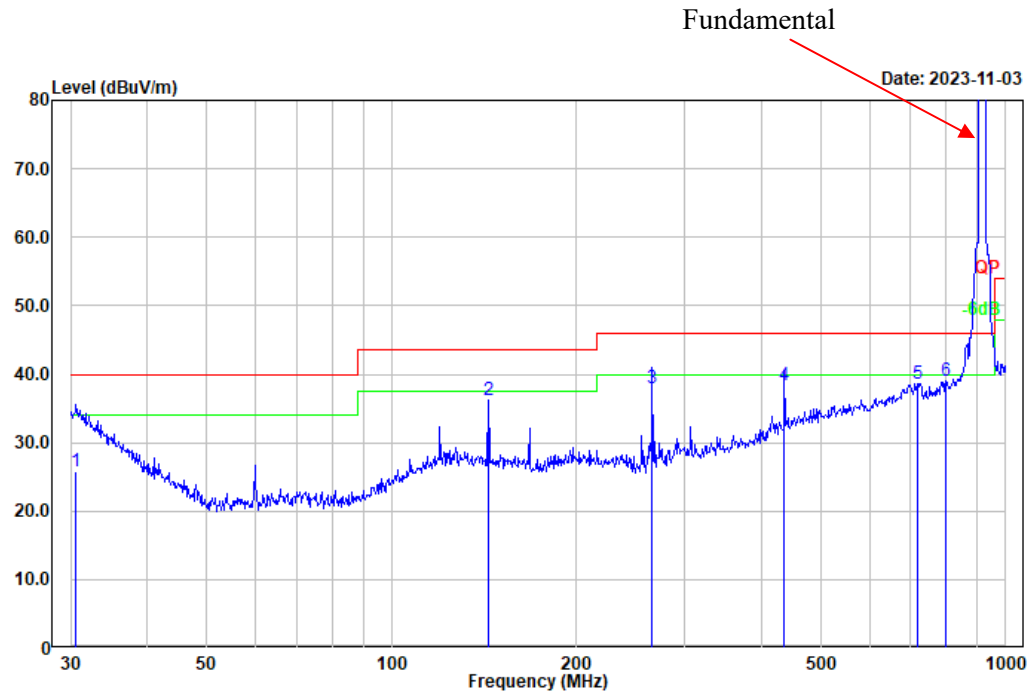
900M SRD-20M-QPSK-Middle channel:

Project No.: CR230955603-RF

Tester: Vic Du

Polarization: horizontal

Note:



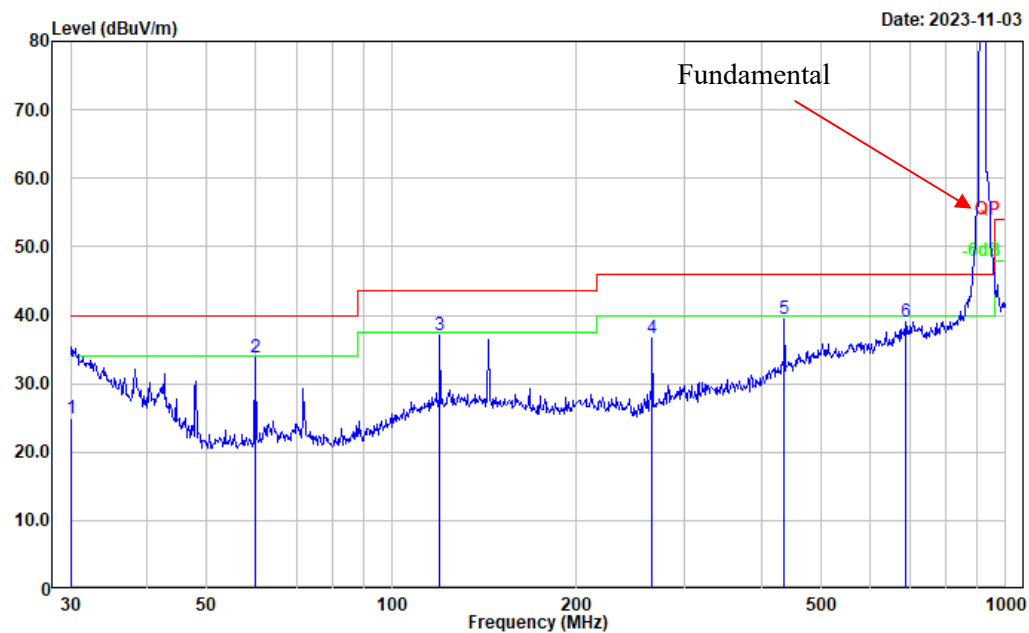
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.638	-1.48	27.19	25.71	40.00	14.29	QP
2	143.830	16.64	19.63	36.27	43.50	7.23	Peak
3	265.676	18.94	19.08	38.02	46.00	7.98	QP
4	435.590	14.55	23.90	38.45	46.00	7.55	QP
5	716.682	10.71	27.90	38.61	46.00	7.39	Peak
6	798.980	10.02	29.01	39.03	46.00	6.97	Peak

Project No.: CR230955603-RF

Tester: Vic Du

Polarization: vertical

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	-2.66	27.60	24.94	40.00	15.06	QP
2	59.859	19.74	14.17	33.91	40.00	6.09	Peak
3	119.856	17.03	19.98	37.01	43.50	6.49	Peak
4	265.676	17.58	19.08	36.66	46.00	9.34	Peak
5	435.590	15.61	23.90	39.51	46.00	6.49	Peak
6	687.151	11.58	27.53	39.11	46.00	6.89	Peak

900M SRD-20M-QPSK -High channel:

Project No.: CR230955603-RF

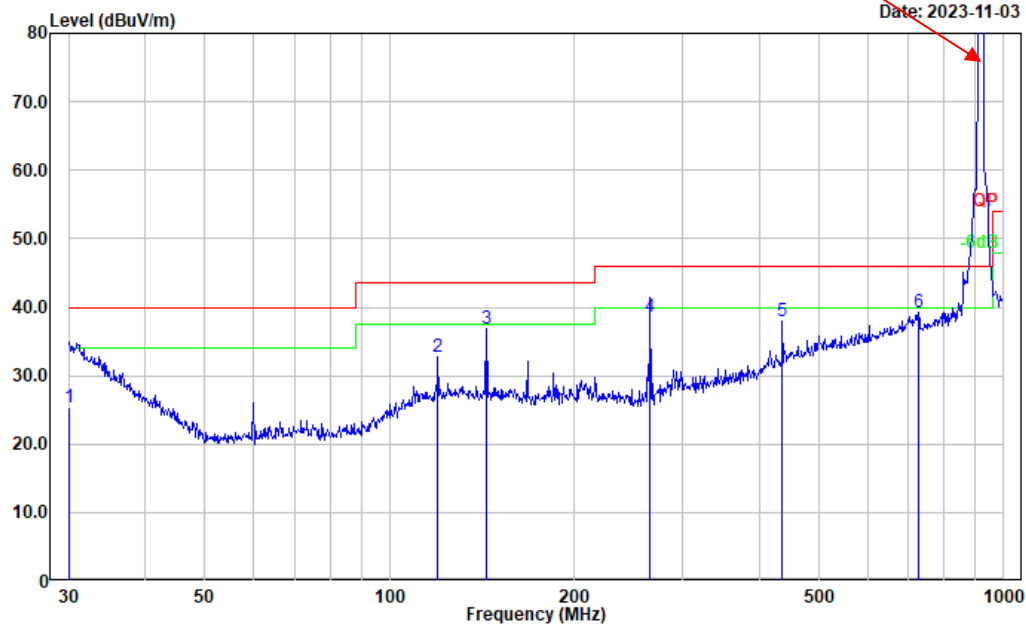
Tester: Vic Du

Polarization: horizontal

Note:

Fundamental

Date: 2023-11-03



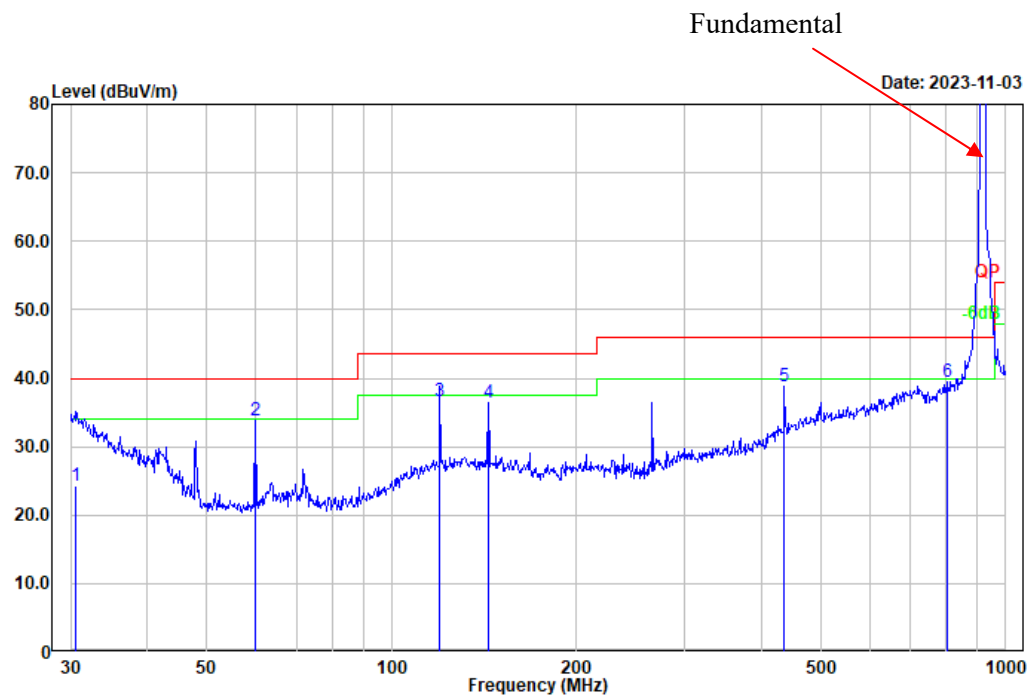
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	-2.32	27.60	25.28	40.00	14.72	QP
2	119.856	12.65	19.98	32.63	43.50	10.87	Peak
3	143.830	17.16	19.63	36.79	43.50	6.71	Peak
4	265.676	19.44	19.08	38.52	46.00	7.48	QP
5	435.590	14.12	23.90	38.02	46.00	7.98	Peak
6	726.805	11.20	28.03	39.23	46.00	6.77	Peak

Project No.: CR230955603-RF

Tester: Vic Du

Polarization: vertical

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.638	-2.84	27.19	24.35	40.00	15.65	QP
2	59.859	19.68	14.17	33.85	40.00	6.15	Peak
3	119.856	16.73	19.98	36.71	43.50	6.79	QP
4	143.830	16.85	19.63	36.48	43.50	7.02	Peak
5	435.590	14.83	23.90	38.73	46.00	7.27	Peak
6	804.603	10.40	28.97	39.37	46.00	6.63	Peak

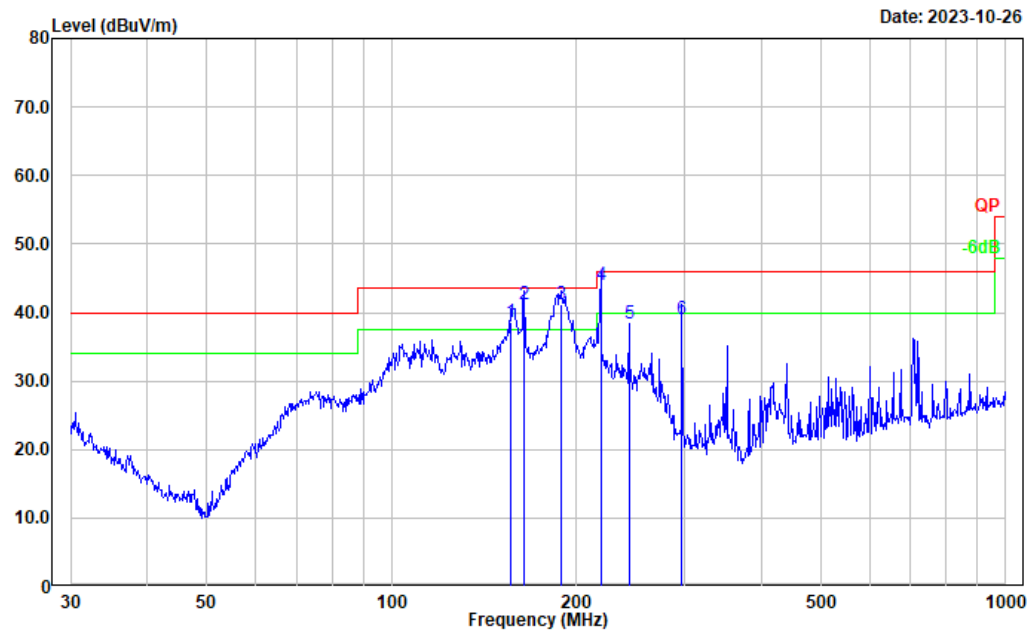
2.4G SRD-1.4M-QPSK, Low channel:

Project No.: CR230955603-RF

Tester: Jeff Luo

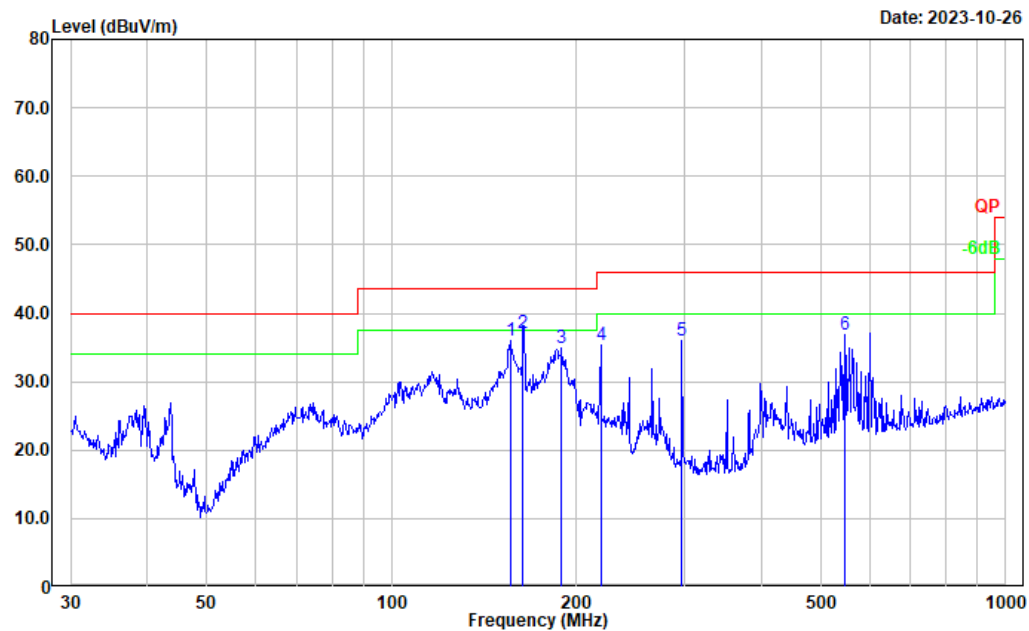
Polarization: horizontal

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	155.910	50.53	-11.94	38.59	43.50	4.91	QP
2	164.330	53.55	-12.34	41.21	43.50	2.29	QP
3	189.074	54.62	-13.47	41.15	43.50	2.35	QP
4	219.075	56.85	-12.82	44.03	46.00	1.97	QP
5	243.377	51.52	-13.08	38.44	46.00	7.56	Peak
6	297.224	49.83	-10.71	39.12	46.00	6.88	QP

Project No.: CR230955603-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	155.910	47.92	-11.94	35.98	43.50	7.52	Peak
2	163.755	49.44	-12.28	37.16	43.50	6.34	QP
3	189.074	48.48	-13.47	35.01	43.50	8.49	Peak
4	219.075	48.21	-12.82	35.39	46.00	10.61	Peak
5	297.224	46.62	-10.71	35.91	46.00	10.09	Peak
6	547.098	42.65	-5.83	36.82	46.00	9.18	Peak

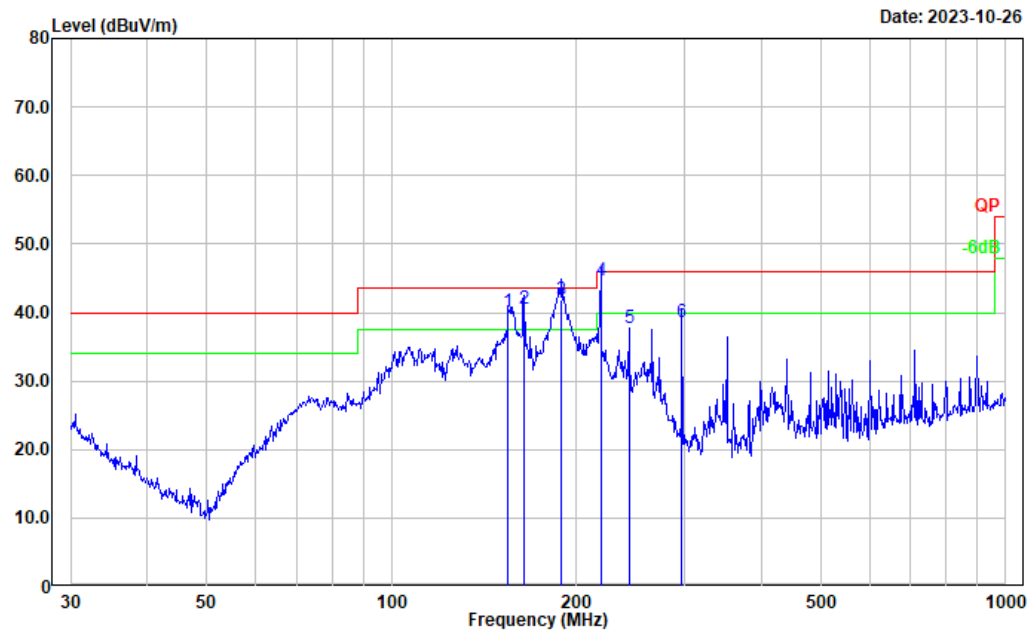
2.4G SRD-1.4M-QPSK-Middle channel:

Project No.: CR230955603-RF

Tester: Jeff Luo

Polarization: horizontal

Note:



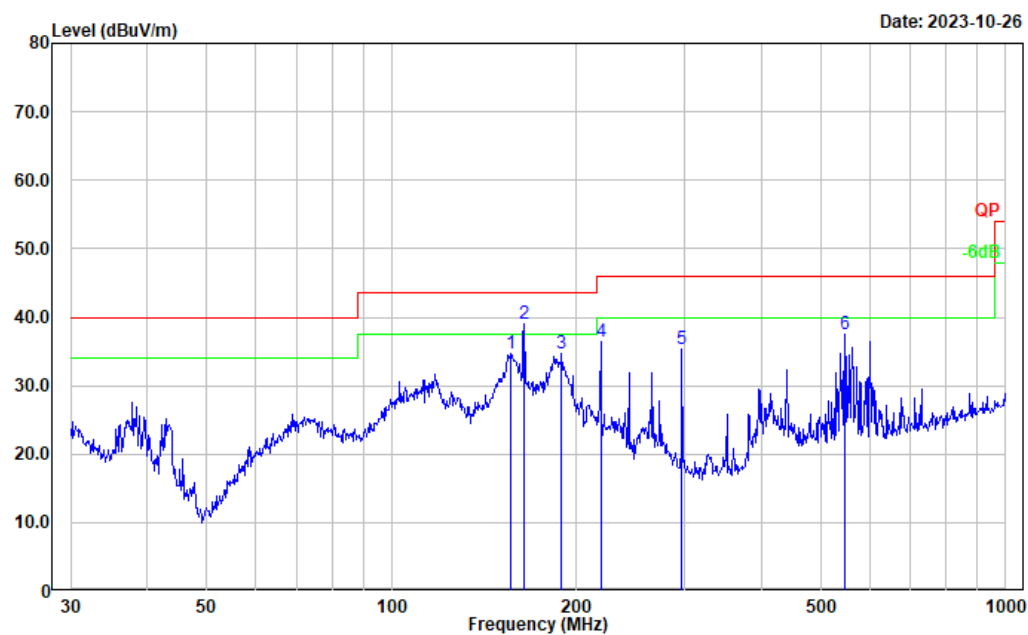
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	154.821	51.97	-11.95	40.02	43.50	3.48	QP
2	164.330	52.88	-12.34	40.54	43.50	2.96	QP
3	189.074	55.33	-13.47	41.86	43.50	1.64	QP
4	219.075	57.51	-12.82	44.69	46.00	1.31	QP
5	243.377	50.77	-13.08	37.69	46.00	8.31	Peak
6	297.224	49.22	-10.71	38.51	46.00	7.49	QP

Project No.: CR230955603-RF

Tester: Jeff Luo

Polarization: vertical

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	155.910	46.58	-11.94	34.64	43.50	8.86	Peak
2	164.330	51.45	-12.34	39.11	43.50	4.39	Peak
3	189.074	48.20	-13.47	34.73	43.50	8.77	Peak
4	219.075	49.19	-12.82	36.37	46.00	9.63	Peak
5	297.224	46.14	-10.71	35.43	46.00	10.57	Peak
6	547.098	43.29	-5.83	37.46	46.00	8.54	Peak

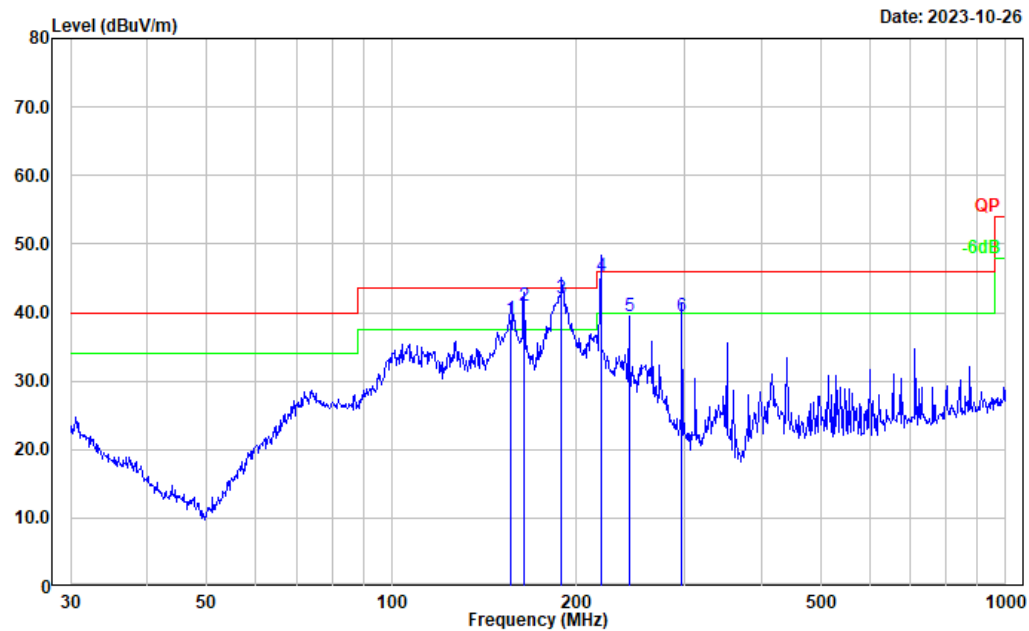
2.4G SRD-1.4M-QPSK-High channel:

Project No.: CR230955603-RF

Tester: Jeff Luo

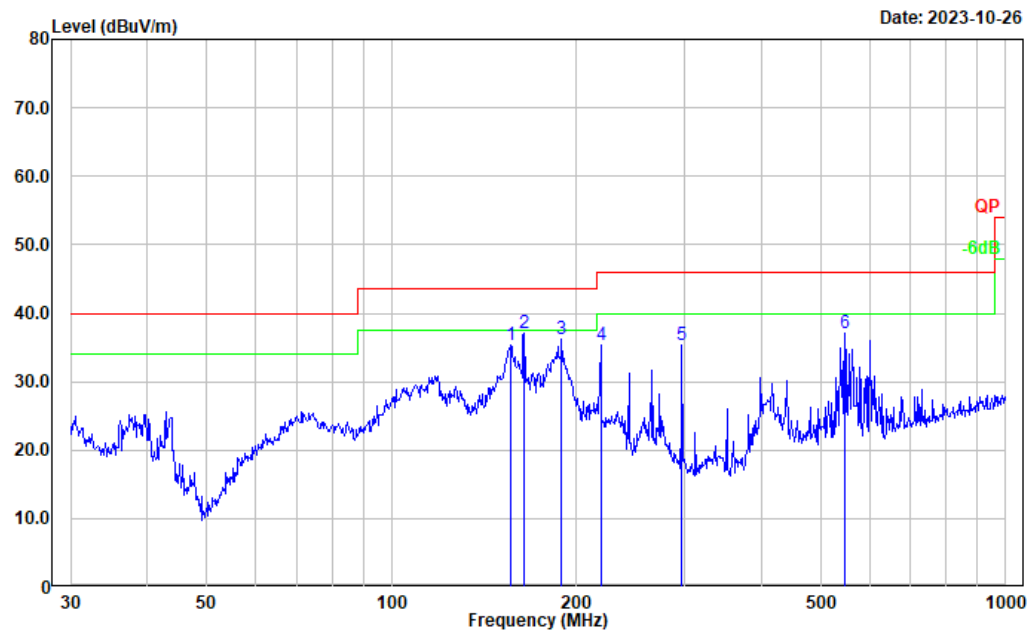
Polarization: horizontal

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	155.910	51.03	-11.94	39.09	43.50	4.41	QP
2	164.330	53.36	-12.34	41.02	43.50	2.48	QP
3	189.074	55.57	-13.47	42.10	43.50	1.40	QP
4	219.075	58.09	-12.82	45.27	46.00	0.73	QP
5	243.377	52.59	-13.08	39.51	46.00	6.49	Peak
6	297.224	50.12	-10.71	39.41	46.00	6.59	QP

Project No.: CR230955603-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	155.910	47.22	-11.94	35.28	43.50	8.22	Peak
2	164.330	49.42	-12.34	37.08	43.50	6.42	Peak
3	189.074	49.66	-13.47	36.19	43.50	7.31	Peak
4	219.075	48.25	-12.82	35.43	46.00	10.57	Peak
5	297.224	46.11	-10.71	35.40	46.00	10.60	Peak
6	547.098	42.86	-5.83	37.03	46.00	8.97	Peak

2) Above 1G and Band edge:**900M SRD(1-10GHz)****1.4MHz QPSK:**

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 904 MHz							
904.00	78.23	QP	H	29.47	107.70	N/A	N/A
904.00	77.22	QP	V	29.47	106.69	N/A	N/A
902.00	19.00	QP	H	29.46	48.46	77.70	29.24
1808.000	58.37	PK	H	0.60	58.97	74.00	15.03
1808.000	45.63	AV	H	0.60	46.23	54.00	7.77
1808.000	55.83	PK	V	0.60	56.43	74.00	17.57
1808.000	42.76	AV	V	0.60	43.36	54.00	10.64
2712.000	60.72	PK	H	4.81	65.53	74.00	8.47
2712.000	47.32	AV	H	4.81	52.13	54.00	1.87
2712.000	59.64	PK	V	4.81	64.45	74.00	9.55
2712.000	46.53	AV	V	4.81	51.34	54.00	2.66
Middle Channel: 916 MHz							
916.00	78.05	QP	H	29.61	107.66	N/A	N/A
916.00	76.84	QP	V	29.61	106.45	N/A	N/A
1832.000	62.49	PK	H	0.68	63.17	74.00	10.83
1832.000	49.78	AV	H	0.68	50.46	54.00	3.54
1832.000	56.76	PK	V	0.68	57.44	74.00	16.56
1832.000	43.94	AV	V	0.68	44.62	54.00	9.38
2748.000	60.23	PK	H	4.89	65.12	74.00	8.88
2748.000	47.22	AV	H	4.89	52.11	54.00	1.89
2748.000	59.42	PK	V	4.89	64.31	74.00	9.69
2748.000	46.78	AV	V	4.89	51.67	54.00	2.33
High Channel: 926 MHz							
926.00	78.21	QP	H	29.67	107.88	N/A	N/A
926.00	78.97	QP	V	29.67	108.64	N/A	N/A
928.00	17.20	QP	V	29.70	46.90	78.64	31.74
1852.000	63.10	PK	H	0.75	63.85	74.00	10.15
1852.000	50.33	AV	H	0.75	51.08	54.00	2.92
1852.000	60.29	PK	V	0.75	61.04	74.00	12.96
1852.000	47.90	AV	V	0.75	48.65	54.00	5.35
2778.000	60.13	PK	H	4.90	65.03	74.00	8.97
2778.000	47.48	AV	H	4.90	52.38	54.00	1.62
2778.000	59.78	PK	V	4.90	64.68	74.00	9.32
2778.000	46.83	AV	V	4.90	51.73	54.00	2.27

1.4MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 904 MHz							
904.00	77.47	QP	H	29.47	106.94	N/A	N/A
904.00	75.74	QP	V	29.47	105.21	N/A	N/A
902.00	16.20	QP	H	29.46	45.66	76.94	31.28
1808.000	59.98	PK	H	0.60	60.58	74.00	13.42
1808.000	49.02	AV	H	0.60	49.62	54.00	4.38
1808.000	53.25	PK	V	0.60	53.85	74.00	20.15
1808.000	41.76	AV	V	0.60	42.36	54.00	11.64
2712.000	58.72	PK	H	4.81	63.53	74.00	10.47
2712.000	47.70	AV	H	4.81	52.51	54.00	1.49
2712.000	55.75	PK	V	4.81	60.56	74.00	13.44
2712.000	44.01	AV	V	4.81	48.82	54.00	5.18
Middle Channel: 916 MHz							
916.00	76.19	QP	H	29.61	105.80	N/A	N/A
916.00	76.69	QP	V	29.61	106.30	N/A	N/A
1832.000	60.85	PK	H	0.68	61.53	74.00	12.47
1832.000	50.02	AV	H	0.68	50.70	54.00	3.30
1832.000	55.92	PK	V	0.68	56.60	74.00	17.40
1832.000	44.79	AV	V	0.68	45.47	54.00	8.53
2748.000	58.09	PK	H	4.89	62.98	74.00	11.02
2748.000	46.81	AV	H	4.89	51.70	54.00	2.30
2748.000	56.47	PK	V	4.89	61.36	74.00	12.64
2748.000	44.92	AV	V	4.89	49.81	54.00	4.19
High Channel: 926MHz							
926.00	76.77	QP	H	29.67	106.44	N/A	N/A
926.00	77.70	QP	V	29.67	107.37	N/A	N/A
928.00	14.70	QP	V	29.70	44.40	77.37	32.97
1852.000	61.85	PK	H	0.75	62.60	74.00	11.40
1852.000	49.97	AV	H	0.75	50.72	54.00	3.28
1852.000	54.76	PK	V	0.75	55.51	74.00	18.49
1852.000	42.83	AV	V	0.75	43.58	54.00	10.42
2778.000	60.02	PK	H	4.90	64.92	74.00	9.08
2778.000	48.12	AV	H	4.90	53.02	54.00	0.98
2778.000	59.77	PK	V	4.90	64.67	74.00	9.33
2778.000	47.83	AV	V	4.90	52.73	54.00	1.27

10MHz QPSK:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel:				909	MHz		
909.00	76.51	QP	H	29.61	106.12	N/A	N/A
909.00	75.93	QP	V	29.61	105.54	N/A	N/A
902.00	25.30	QP	H	29.46	54.76	76.12	21.36
1818.000	59.01	PK	H	0.63	59.64	74.00	14.36
1818.000	47.04	AV	H	0.63	47.67	54.00	6.33
1818.000	54.23	PK	V	0.63	54.86	74.00	19.14
1818.000	42.38	AV	V	0.63	43.01	54.00	10.99
2727.000	58.64	PK	H	4.85	63.49	74.00	10.51
2727.000	46.53	AV	H	4.85	51.38	54.00	2.62
2727.000	57.56	PK	V	4.85	62.41	74.00	11.59
2727.000	45.73	AV	V	4.85	50.58	54.00	3.42
Middle Channel:				915	MHz		
915.00	76.68	QP	H	29.62	106.30	N/A	N/A
915.00	76.57	QP	V	29.62	106.19	N/A	N/A
1830.000	58.78	PK	H	0.67	59.45	74.00	14.55
1830.000	46.81	AV	H	0.67	47.48	54.00	6.52
1830.000	54.16	PK	V	0.67	54.83	74.00	19.17
1830.000	42.27	AV	V	0.67	42.94	54.00	11.06
2745.000	59.13	PK	H	4.88	64.01	74.00	9.99
2745.000	47.21	AV	H	4.88	52.09	54.00	1.91
2745.000	58.07	PK	V	4.88	62.95	74.00	11.05
2745.000	46.11	AV	V	4.88	50.99	54.00	3.01
High Channel:				921	MHz		
921.00	76.82	QP	H	29.58	106.40	N/A	N/A
921.00	77.23	QP	V	29.58	106.81	N/A	N/A
928.00	25.70	QP	V	29.70	55.40	76.81	21.41
1842.000	58.19	PK	H	0.71	58.90	74.00	15.10
1842.000	46.58	AV	H	0.71	47.29	54.00	6.71
1842.000	53.42	PK	V	0.71	54.13	74.00	19.87
1842.000	41.53	AV	V	0.71	42.24	54.00	11.76
2763.000	59.53	PK	H	4.90	64.43	74.00	9.57
2763.000	47.65	AV	H	4.90	52.55	54.00	1.45
2763.000	58.45	PK	V	4.90	63.35	74.00	10.65
2763.000	46.57	AV	V	4.90	51.47	54.00	2.53

10MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel:909 MHz							
909.00	76.04	QP	H	29.61	105.65	N/A	N/A
909.00	76.55	QP	V	29.61	106.16	N/A	N/A
902.00	25.70	QP	V	29.46	55.16	76.16	21.00
1818.000	59.98	PK	H	0.63	60.61	74.00	13.39
1818.000	49.12	AV	H	0.63	49.75	54.00	4.25
1818.000	53.25	PK	V	0.63	53.88	74.00	20.12
1818.000	42.43	AV	V	0.63	43.06	54.00	10.94
2727.000	58.72	PK	H	4.85	63.57	74.00	10.43
2727.000	48.01	AV	H	4.85	52.86	54.00	1.14
2727.000	55.75	PK	V	4.85	60.60	74.00	13.40
2727.000	45.06	AV	V	4.85	49.91	54.00	4.09
3636.000	41.36	PK	H	7.20	48.56	74.00	25.44
3636.000	31.88	AV	H	7.20	39.08	54.00	14.92
3636.000	39.44	PK	V	7.20	46.64	74.00	27.36
3636.000	30.02	AV	V	7.20	37.22	54.00	16.78
Middle Channel: 915 MHz							
915.00	75.68	QP	H	29.62	105.30	N/A	N/A
915.00	77.06	QP	V	29.62	106.68	N/A	N/A
1830.000	58.08	PK	H	0.67	58.75	74.00	15.25
1830.000	49.29	AV	H	0.67	49.96	54.00	4.04
1830.000	49.97	PK	V	0.67	50.64	74.00	23.36
1830.000	40.23	AV	V	0.67	40.90	54.00	13.10
2745.000	57.58	PK	H	4.87	62.45	74.00	11.55
2745.000	47.57	AV	H	4.87	52.44	54.00	1.56
2745.000	58.09	PK	V	4.87	62.96	74.00	11.04
2745.000	48.24	AV	V	4.87	53.11	54.00	0.89
3660.000	35.23	PK	H	7.26	42.49	74.00	31.51
3660.000	24.92	AV	H	7.26	32.18	54.00	21.82
3660.000	35.57	PK	V	7.26	42.83	74.00	31.17
3660.000	25.03	AV	V	7.26	32.29	54.00	21.71

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
High Channel: 921MHz							
921.00	76.71	QP	H	29.58	106.29	N/A	N/A
921.00	77.08	QP	V	29.58	106.66	N/A	N/A
928.00	25.50	QP	V	29.70	55.20	76.66	21.46
1842.000	62.03	PK	H	0.71	62.74	74.00	11.26
1842.000	50.12	AV	H	0.71	50.83	54.00	3.17
1842.000	43.67	PK	V	0.71	44.38	74.00	29.62
1842.000	41.48	AV	V	0.71	42.19	54.00	11.81
2763.000	59.78	PK	H	4.90	64.68	74.00	9.32
2763.000	47.84	AV	H	4.90	52.74	54.00	1.26
2763.000	59.66	PK	V	4.90	64.56	74.00	9.44
2763.000	48.02	AV	V	4.90	52.92	54.00	1.08
3684.000	43.54	PK	H	7.38	50.92	74.00	23.08
3684.000	33.67	AV	H	7.38	41.05	54.00	12.95
3684.000	39.43	PK	V	7.38	46.81	74.00	27.19
3684.000	29.97	AV	V	7.38	37.35	54.00	16.65

20MHz QPSK:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 914 MHz							
914.00	73.86	QP	H	29.62	103.48	N/A	N/A
914.00	74.14	QP	V	29.62	103.76	N/A	N/A
902.00	26.70	QP	V	29.46	56.16	73.76	17.60
1828.000	56.72	PK	H	0.67	57.39	74.00	16.61
1828.000	46.18	AV	H	0.67	46.85	54.00	7.15
1828.000	53.11	PK	V	0.67	53.78	74.00	20.22
1828.000	42.75	AV	V	0.67	43.42	54.00	10.58
2742.000	56.98	PK	H	4.87	61.85	74.00	12.15
2742.000	46.32	AV	H	4.87	51.19	54.00	2.81
2742.000	55.87	PK	V	4.87	60.74	74.00	13.26
2742.000	45.39	AV	V	4.87	50.26	54.00	3.74
3656.000	37.53	PK	H	7.24	44.77	74.00	29.23
3656.000	27.08	AV	H	7.24	34.32	54.00	19.68
3656.000	41.44	PK	V	7.24	48.68	74.00	25.32
3656.000	31.07	AV	V	7.24	38.31	54.00	15.69
Middle Channel: 915 MHz							
915.00	73.69	QP	H	29.62	103.31	N/A	N/A
915.00	74.04	QP	V	29.62	103.66	N/A	N/A
1830.000	57.64	PK	H	0.67	58.31	74.00	15.69
1830.000	47.38	AV	H	0.67	48.05	54.00	5.95
1830.000	56.48	PK	V	0.67	57.15	74.00	16.85
1830.000	46.52	AV	V	0.67	47.19	54.00	6.81
2745.000	56.38	PK	H	4.88	61.26	74.00	12.74
2745.000	46.30	AV	H	4.88	51.18	54.00	2.82
2745.000	55.77	PK	V	4.88	60.65	74.00	13.35
2745.000	45.69	AV	V	4.88	50.57	54.00	3.43
3660.000	40.02	PK	H	7.26	47.28	74.00	26.72
3660.000	30.25	AV	H	7.26	37.51	54.00	16.49
3660.000	39.26	PK	V	7.26	46.52	74.00	27.48
3660.000	29.17	AV	V	7.26	36.43	54.00	17.57
High Channel: 916 MHz							
916.00	74.70	QP	H	29.61	104.31	N/A	N/A
916.00	74.03	QP	V	29.61	103.64	N/A	N/A
928.00	27.00	QP	H	29.70	56.70	74.31	17.61
1832.000	56.46	PK	H	0.68	57.14	74.00	16.86
1832.000	45.80	AV	H	0.68	46.48	54.00	7.52
1832.000	53.87	PK	V	0.68	54.55	74.00	19.45
1832.000	43.79	AV	V	0.68	44.47	54.00	9.53
2748.000	56.43	PK	H	4.89	61.32	74.00	12.68
2748.000	46.22	AV	H	4.89	51.11	54.00	2.89
2748.000	55.59	PK	V	4.89	60.48	74.00	13.52
2748.000	45.37	AV	V	4.89	50.26	54.00	3.74
3664.000	38.97	PK	H	7.28	46.25	74.00	27.75
3664.000	28.88	AV	H	7.28	36.16	54.00	17.84
3664.000	40.65	PK	V	7.28	47.93	74.00	26.07
3664.000	30.79	AV	V	7.28	38.07	54.00	15.93

20MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 914 MHz							
914.00	74.59	QP	H	29.62	104.21	N/A	N/A
914.00	73.47	QP	V	29.62	103.09	N/A	N/A
902.00	26.30	QP	H	29.46	55.76	74.21	18.45
1828.000	57.96	PK	H	0.67	58.63	74.00	15.37
1828.000	47.47	AV	H	0.67	48.14	54.00	5.86
1828.000	51.24	PK	V	0.67	51.91	74.00	22.09
1828.000	41.32	AV	V	0.67	41.99	54.00	12.01
2742.000	55.74	PK	H	4.87	60.61	74.00	13.39
2742.000	45.63	AV	H	4.87	50.50	54.00	3.50
2742.000	56.12	PK	V	4.87	60.99	74.00	13.01
2742.000	46.09	AV	V	4.87	50.96	54.00	3.04
Middle Channel: 915MHz							
915.00	74.28	QP	H	29.62	103.90	N/A	N/A
915.00	73.80	QP	V	29.62	103.42	N/A	N/A
1830.000	57.54	PK	H	0.67	58.21	74.00	15.79
1830.000	47.89	AV	H	0.67	48.56	54.00	5.44
1830.000	49.09	PK	V	0.67	49.76	74.00	24.24
1830.000	39.34	AV	V	0.67	40.01	54.00	13.99
2745.000	56.44	PK	H	4.88	61.32	74.00	12.68
2745.000	46.88	AV	H	4.88	51.76	54.00	2.24
2745.000	51.45	PK	V	4.88	56.33	74.00	17.67
2745.000	41.59	AV	V	4.88	46.47	54.00	7.53
High Channel: 916MHz							
916.00	73.99	QP	H	29.61	103.60	N/A	N/A
916.00	73.74	QP	V	29.61	103.35	N/A	N/A
928.00	25.70	QP	H	29.70	55.40	73.60	18.20
1832.000	59.38	PK	H	0.68	60.06	74.00	13.94
1832.000	49.11	AV	H	0.68	49.79	54.00	4.21
1832.000	50.76	PK	V	0.68	51.44	74.00	22.56
1832.000	40.82	AV	V	0.68	41.50	54.00	12.50
2748.000	55.10	PK	H	4.89	59.99	74.00	14.01
2748.000	45.04	AV	H	4.89	49.93	54.00	4.07
2748.000	56.34	PK	V	4.89	61.23	74.00	12.77
2748.000	46.48	AV	V	4.89	51.37	54.00	2.63

2.4G SRD(1-25GHz)**1.4MHz QPSK:**

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2403.5 MHz							
2390.000	27.68	PK	H	31.71	59.39	74.00	14.61
2390.000	14.59	AV	H	31.71	46.30	54.00	7.70
2390.000	28.15	PK	V	31.71	59.86	74.00	14.14
2390.000	15.33	AV	V	31.71	47.04	54.00	6.96
4807.000	49.11	PK	H	11.21	60.32	74.00	13.68
4807.000	39.81	AV	H	11.21	51.02	54.00	2.98
4807.000	47.02	PK	V	11.21	58.23	74.00	15.77
4807.000	37.76	AV	V	11.21	48.97	54.00	5.03
7210.500	34.36	PK	H	15.07	49.43	74.00	24.57
7210.500	20.97	AV	H	15.07	36.04	54.00	17.96
7210.500	34.57	PK	V	15.07	49.64	74.00	24.36
7210.500	21.35	AV	V	15.07	36.42	54.00	17.58
Middle Channel: 2439.5 MHz							
4879.000	49.07	PK	H	11.46	60.53	74.00	13.47
4879.000	39.73	AV	H	11.46	51.19	54.00	2.81
4879.000	47.11	PK	V	11.46	58.57	74.00	15.43
4879.000	37.88	AV	V	11.46	49.34	54.00	4.66
7318.500	34.19	PK	H	15.57	49.76	74.00	24.24
7318.500	21.22	AV	H	15.57	36.79	54.00	17.21
7318.500	34.27	PK	V	15.57	49.84	74.00	24.16
7318.500	21.17	AV	V	15.57	36.74	54.00	17.26
High Channel: 2475.5MHz							
2483.500	27.84	PK	H	32.19	60.03	74.00	13.97
2483.500	14.75	AV	H	32.19	46.94	54.00	7.06
2483.500	28.32	PK	V	32.19	60.51	74.00	13.49
2483.500	15.20	AV	V	32.19	47.39	54.00	6.61
4951.000	49.35	PK	H	11.76	61.11	74.00	12.89
4951.000	39.84	AV	H	11.76	51.60	54.00	2.40
4951.000	46.36	PK	V	11.76	58.12	74.00	15.88
4951.000	37.83	AV	V	11.76	49.59	54.00	4.41
7426.500	34.32	PK	H	15.88	50.20	74.00	23.80
7426.500	21.29	AV	H	15.88	37.17	54.00	16.83
7426.500	34.16	PK	V	15.88	50.04	74.00	23.96
7426.500	21.40	AV	V	15.88	37.28	54.00	16.72

1.4MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2403.5 MHz							
2390.000	27.19	PK	H	31.71	58.90	74.00	15.10
2390.000	14.15	AV	H	31.71	45.86	54.00	8.14
2390.000	27.14	PK	V	31.71	58.85	74.00	15.15
2390.000	14.23	AV	V	31.71	45.94	54.00	8.06
4807.000	49.87	PK	H	11.21	61.08	74.00	12.92
4807.000	39.79	AV	H	11.21	51.00	54.00	3.00
4807.000	49.16	PK	V	11.21	60.37	74.00	13.63
4807.000	39.68	AV	V	11.21	50.89	54.00	3.11
7210.500	34.12	PK	H	15.07	49.19	74.00	24.81
7210.500	21.03	AV	H	15.07	36.10	54.00	17.90
7210.500	34.26	PK	V	15.07	49.33	74.00	24.67
7210.500	20.22	AV	V	15.07	35.29	54.00	18.71
Middle Channel: 2439.5 MHz							
4879.000	50.02	PK	H	11.46	61.48	74.00	12.52
4879.000	39.64	AV	H	11.46	51.10	54.00	2.90
4879.000	49.23	PK	V	11.46	60.69	74.00	13.31
4879.000	39.46	AV	V	11.46	50.92	54.00	3.08
7318.500	34.08	PK	H	15.57	49.65	74.00	24.35
7318.500	21.11	AV	H	15.57	36.68	54.00	17.32
7318.500	34.03	PK	V	15.57	49.60	74.00	24.40
7318.500	21.29	AV	V	15.57	36.86	54.00	17.14
High Channel: 2475.5MHz							
2483.500	27.76	PK	H	32.19	59.95	74.00	14.05
2483.500	14.89	AV	H	32.19	47.08	54.00	6.92
2483.500	28.11	PK	V	32.19	60.30	74.00	13.70
2483.500	15.09	AV	V	32.19	47.28	54.00	6.72
4951.000	50.13	PK	H	11.76	61.89	74.00	12.11
4951.000	39.88	AV	H	11.76	51.64	54.00	2.36
4951.000	49.86	PK	V	11.76	61.62	74.00	12.38
4951.000	39.77	AV	V	11.76	51.53	54.00	2.47
7426.500	34.60	PK	H	15.88	50.48	74.00	23.52
7426.500	21.52	AV	H	15.88	37.40	54.00	16.60
7426.500	34.27	PK	V	15.88	50.15	74.00	23.85
7426.500	21.63	AV	V	15.88	37.51	54.00	16.49

10MHz QPSK:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2407.5 MHz							
2390.000	30.64	PK	H	31.71	62.35	74.00	11.65
2390.000	16.97	AV	H	31.71	48.68	54.00	5.32
2390.000	32.68	PK	V	31.71	64.39	74.00	9.61
2390.000	18.73	AV	V	31.71	50.44	54.00	3.56
4815.000	42.38	PK	H	11.24	53.62	74.00	20.38
4815.000	30.10	AV	H	11.24	41.34	54.00	12.66
4815.000	41.49	PK	V	11.24	52.73	74.00	21.27
4815.000	29.18	AV	V	11.24	40.42	54.00	13.58
7222.500	34.11	PK	H	15.15	49.26	74.00	24.74
7222.500	20.97	AV	H	15.15	36.12	54.00	17.88
7222.500	34.65	PK	V	15.15	49.80	74.00	24.20
7222.500	21.26	AV	V	15.15	36.41	54.00	17.59
Middle Channel: 2439.5 MHz							
4879.000	41.35	PK	H	11.46	52.81	74.00	21.19
4879.000	28.76	AV	H	11.46	40.22	54.00	13.78
4879.000	41.73	PK	V	11.46	53.19	74.00	20.81
4879.000	28.87	AV	V	11.46	40.33	54.00	13.67
7318.500	34.09	PK	H	15.57	49.66	74.00	24.34
7318.500	20.98	AV	H	15.57	36.55	54.00	17.45
7318.500	34.17	PK	V	15.57	49.74	74.00	24.26
7318.500	21.02	AV	V	15.57	36.59	54.00	17.41
High Channel: 2471.5MHz							
2483.500	32.41	PK	H	32.19	64.60	74.00	9.40
2483.500	17.23	AV	H	32.19	49.42	54.00	4.58
2483.500	36.60	PK	V	32.19	68.79	74.00	5.21
2483.500	19.75	AV	V	32.19	51.94	54.00	2.06
4943.000	41.29	PK	H	11.74	53.03	74.00	20.97
4943.000	28.67	AV	H	11.74	40.41	54.00	13.59
4943.000	41.34	PK	V	11.74	53.08	74.00	20.92
4943.000	28.17	AV	V	11.74	39.91	54.00	14.09
7414.500	34.25	PK	H	15.79	50.04	74.00	23.96
7414.500	21.28	AV	H	15.79	37.07	54.00	16.93
7414.500	34.46	PK	V	15.79	50.25	74.00	23.75
7414.500	21.37	AV	V	15.79	37.16	54.00	16.84

10MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2407.5 MHz							
2390.000	28.12	PK	H	31.71	59.83	74.00	14.17
2390.000	14.98	AV	H	31.71	46.69	54.00	7.31
2390.000	28.64	PK	V	31.71	60.35	74.00	13.65
2390.000	15.11	AV	V	31.71	46.82	54.00	7.18
4815.000	39.87	PK	H	11.24	51.11	74.00	22.89
4815.000	26.87	AV	H	11.24	38.11	54.00	15.89
4815.000	40.15	PK	V	11.24	51.39	74.00	22.61
4815.000	27.10	AV	V	11.24	38.34	54.00	15.66
7222.500	33.43	PK	H	15.15	48.58	74.00	25.42
7222.500	20.76	AV	H	15.15	35.91	54.00	18.09
7222.500	33.38	PK	V	15.15	48.53	74.00	25.47
7222.500	20.27	AV	V	15.15	35.42	54.00	18.58
Middle Channel: 2439.5 MHz							
4879.000	40.11	PK	H	11.46	51.57	74.00	22.43
4879.000	27.38	AV	H	11.46	38.84	54.00	15.16
4879.000	41.65	PK	V	11.46	53.11	74.00	20.89
4879.000	28.52	AV	V	11.46	39.98	54.00	14.02
7318.500	33.43	PK	H	15.57	49.00	74.00	25.00
7318.500	20.62	AV	H	15.57	36.19	54.00	17.81
7318.500	33.37	PK	V	15.57	48.94	74.00	25.06
7318.500	20.41	AV	V	15.57	35.98	54.00	18.02
High Channel: 2471.5MHz							
2483.500	33.03	PK	H	32.19	65.22	74.00	8.78
2483.500	16.77	AV	H	32.19	48.96	54.00	5.04
2483.500	39.09	PK	V	32.19	71.28	74.00	2.72
2483.500	20.74	AV	V	32.19	52.93	54.00	1.07
4943.000	40.29	PK	H	11.74	52.03	74.00	21.97
4943.000	27.35	AV	H	11.74	39.09	54.00	14.91
4943.000	42.65	PK	V	11.74	54.39	74.00	19.61
4943.000	29.54	AV	V	11.74	41.28	54.00	12.72
7414.500	33.26	PK	H	15.79	49.05	74.00	24.95
7414.500	20.73	AV	H	15.79	36.52	54.00	17.48
7414.500	33.46	PK	V	15.79	49.25	74.00	24.75
7414.500	20.75	AV	V	15.79	36.54	54.00	17.46

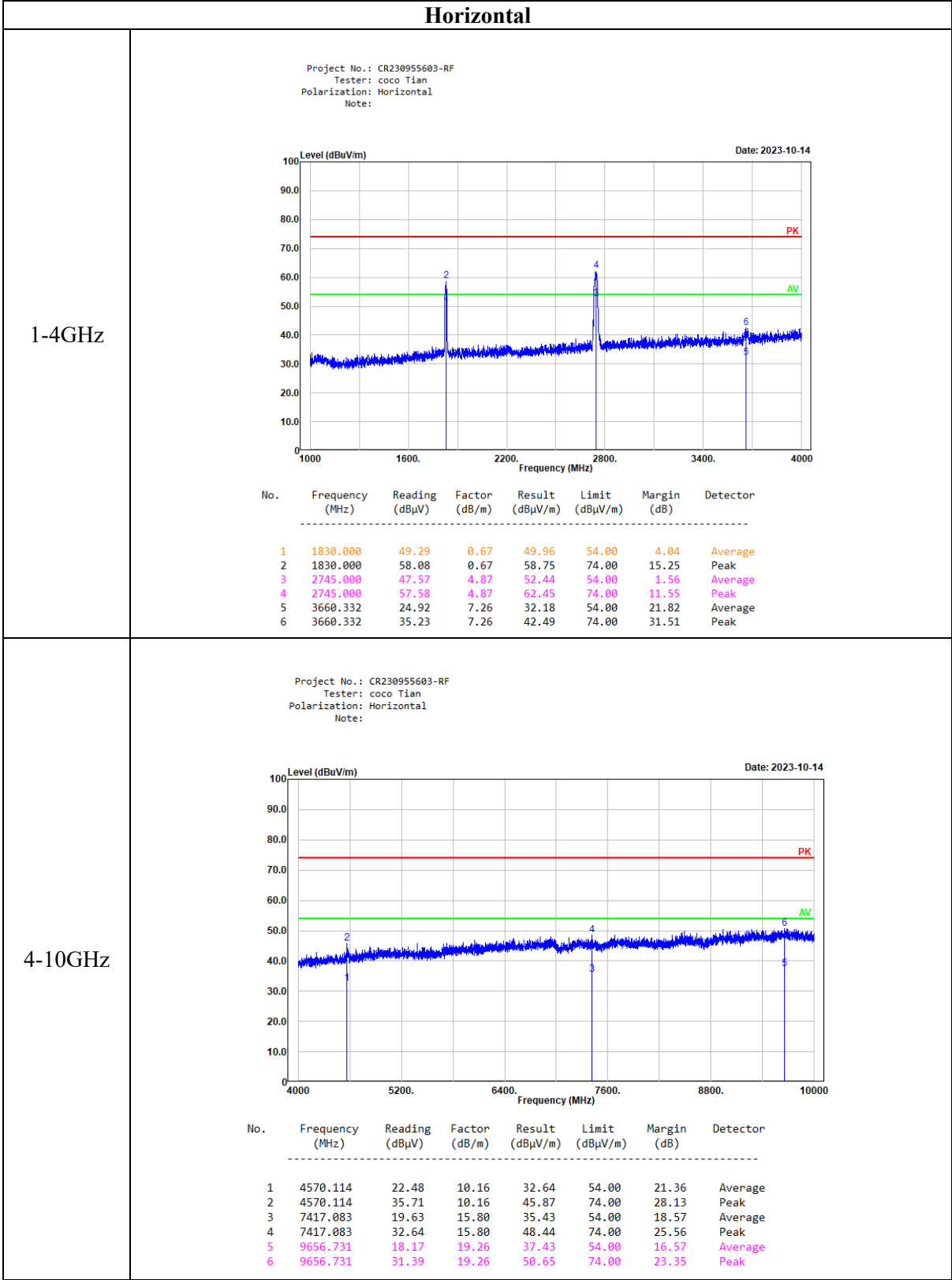
20MHz QPSK:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2412.5 MHz							
2390.000	31.46	PK	H	31.71	63.17	74.00	10.83
2390.000	18.27	AV	H	31.71	49.98	54.00	4.02
2390.000	33.45	PK	V	31.71	65.16	74.00	8.84
2390.000	19.75	AV	V	31.71	51.46	54.00	2.54
4825.000	39.42	PK	H	11.26	50.68	74.00	23.32
4825.000	27.93	AV	H	11.26	39.19	54.00	14.81
4825.000	40.73	PK	V	11.26	51.99	74.00	22.01
4825.000	28.77	AV	V	11.26	40.03	54.00	13.97
7237.500	33.71	PK	H	15.27	48.98	74.00	25.02
7237.500	20.49	AV	H	15.27	35.76	54.00	18.24
7237.500	33.83	PK	V	15.27	49.10	74.00	24.90
7237.500	20.51	AV	V	15.27	35.78	54.00	18.22
Middle Channel: 2437.5 MHz							
4875.000	39.27	PK	H	11.45	50.72	74.00	23.28
4875.000	27.83	AV	H	11.45	39.28	54.00	14.72
4875.000	40.47	PK	V	11.45	51.92	74.00	22.08
4875.000	28.39	AV	V	11.45	39.84	54.00	14.16
7312.500	33.45	PK	H	15.58	49.03	74.00	24.97
7312.500	20.29	AV	H	15.58	35.87	54.00	18.13
7312.500	33.41	PK	V	15.58	48.99	74.00	25.01
7312.500	20.64	AV	V	15.58	36.22	54.00	17.78
High Channel: 2462.5MHz							
2483.500	31.97	PK	H	32.19	64.16	74.00	9.84
2483.500	16.92	AV	H	32.19	49.11	54.00	4.89
2483.500	32.89	PK	V	32.19	65.08	74.00	8.92
2483.500	17.85	AV	V	32.19	50.04	54.00	3.96
4925.000	39.42	PK	H	11.67	51.09	74.00	22.91
4925.000	27.69	AV	H	11.67	39.36	54.00	14.64
4925.000	40.49	PK	V	11.67	52.16	74.00	21.84
4925.000	28.21	AV	V	11.67	39.88	54.00	14.12
7387.500	33.47	PK	H	15.64	49.11	74.00	24.89
7387.500	20.54	AV	H	15.64	36.18	54.00	17.82
7387.500	33.38	PK	V	15.64	49.02	74.00	24.98
7387.500	20.53	AV	V	15.64	36.17	54.00	17.83

20MHz 16QAM:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 2412.5 MHz							
2390.000	32.35	PK	H	31.71	64.06	74.00	9.94
2390.000	18.16	AV	H	31.71	49.87	54.00	4.13
2390.000	36.45	PK	V	31.71	68.16	74.00	5.84
2390.000	21.24	AV	V	31.71	52.95	54.00	1.05
4825.000	40.06	PK	H	11.26	51.32	74.00	22.68
4825.000	29.45	AV	H	11.26	40.71	54.00	13.29
4825.000	40.79	PK	V	11.26	52.05	74.00	21.95
4825.000	30.02	AV	V	11.26	41.28	54.00	12.72
7237.500	33.46	PK	H	15.27	48.73	74.00	25.27
7237.500	20.37	AV	H	15.27	35.64	54.00	18.36
7237.500	33.27	PK	V	15.27	48.54	74.00	25.46
7237.500	20.51	AV	V	15.27	35.78	54.00	18.22
Middle Channel: 2437.5 MHz							
4875.000	40.96	PK	H	11.45	52.41	74.00	21.59
4875.000	30.03	AV	H	11.45	41.48	54.00	12.52
4875.000	41.42	PK	V	11.45	52.87	74.00	21.13
4875.000	30.23	AV	V	11.45	41.68	54.00	12.32
7312.500	33.45	PK	H	15.58	49.03	74.00	24.97
7312.500	20.69	AV	H	15.58	36.27	54.00	17.73
7312.500	33.36	PK	V	15.58	48.94	74.00	25.06
7312.500	20.13	AV	V	15.58	35.71	54.00	18.29
High Channel: 2462.5MHz							
2483.500	31.24	PK	H	32.19	63.43	74.00	10.57
2483.500	16.74	AV	H	32.19	48.93	54.00	5.07
2483.500	34.59	PK	V	32.19	66.78	74.00	7.22
2483.500	18.97	AV	V	32.19	51.16	54.00	2.84
4925.000	40.88	PK	H	11.67	52.55	74.00	21.45
4925.000	29.98	AV	H	11.67	41.65	54.00	12.35
4925.000	41.08	PK	V	11.67	52.75	74.00	21.25
4925.000	30.13	AV	V	11.67	41.80	54.00	12.20
7387.500	33.37	PK	H	15.64	49.01	74.00	24.99
7387.500	20.69	AV	H	15.64	36.33	54.00	17.67
7387.500	33.48	PK	V	15.64	49.12	74.00	24.88
7387.500	20.76	AV	V	15.64	36.40	54.00	17.60

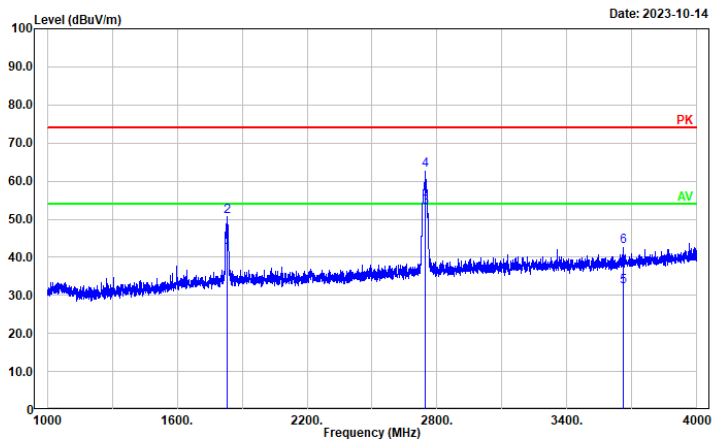
Worst Test plots
900M SRD: (10MHz Mode 16QAM Middle channel)



Vertical

1-4GHz

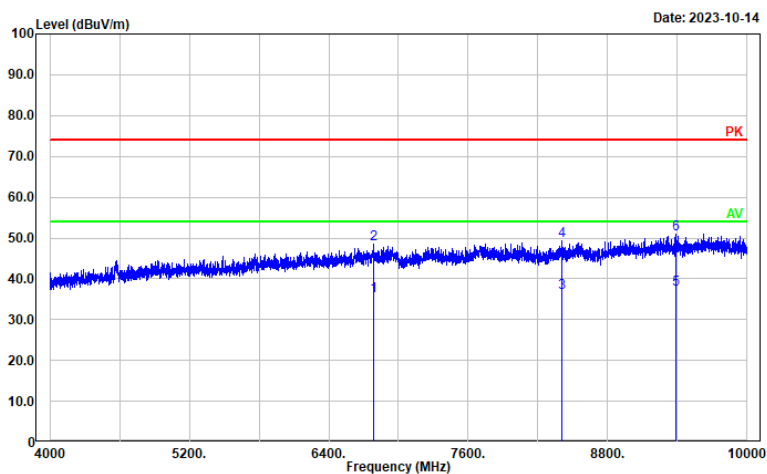
Project No.: CR230955603-RF
Tester: coco Tian
Polarization: vertical
Note:



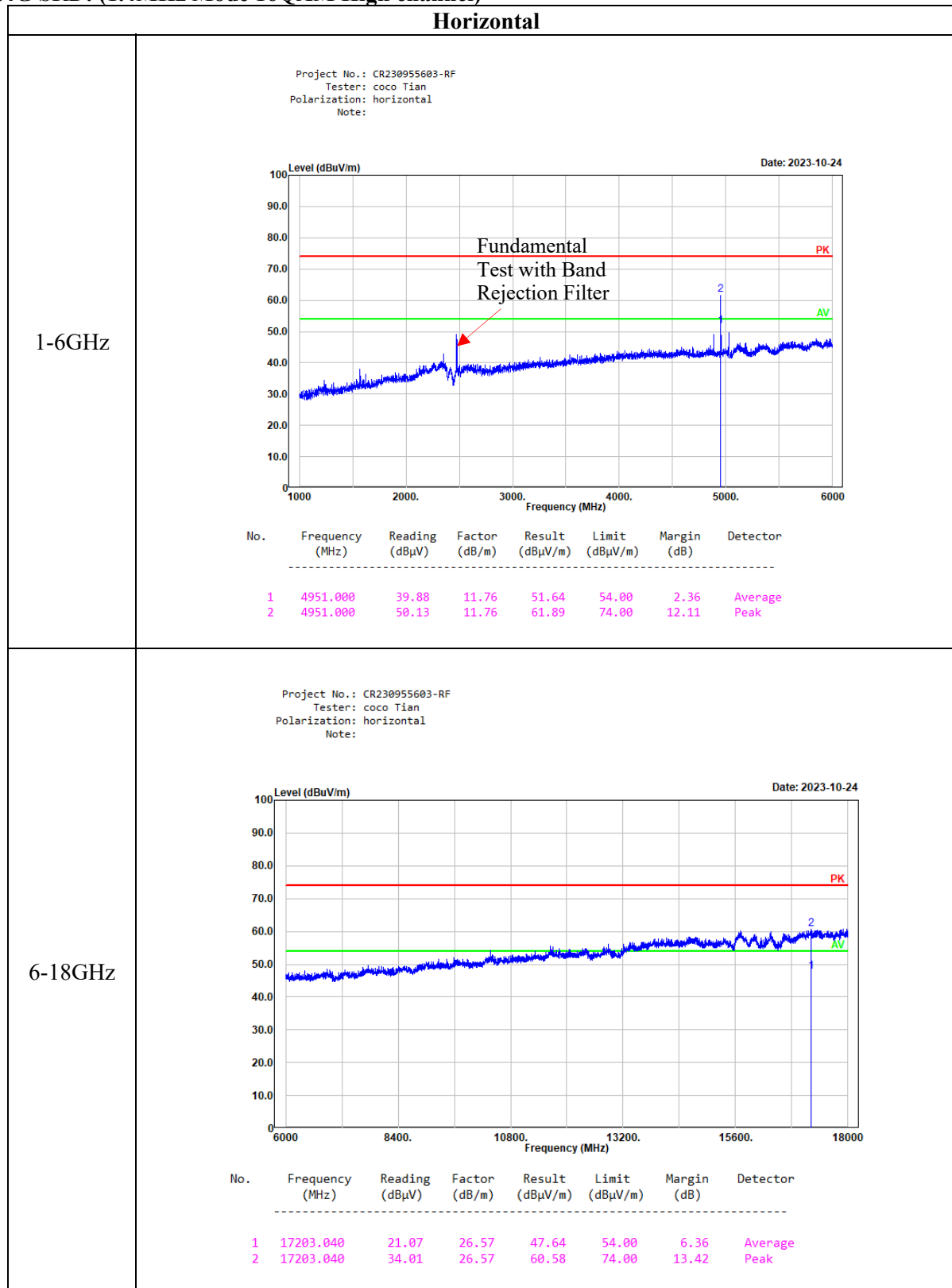
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1830.000	40.23	0.67	40.90	54.00	13.10	Average
2	1830.000	49.97	0.67	50.64	74.00	23.36	Peak
3	2745.000	48.24	4.87	53.11	54.00	0.89	Average
4	2745.000	58.09	4.87	62.96	74.00	11.04	Peak
5	3660.000	25.03	7.26	32.29	54.00	21.71	Average
6	3660.000	35.57	7.26	42.83	74.00	31.17	Peak

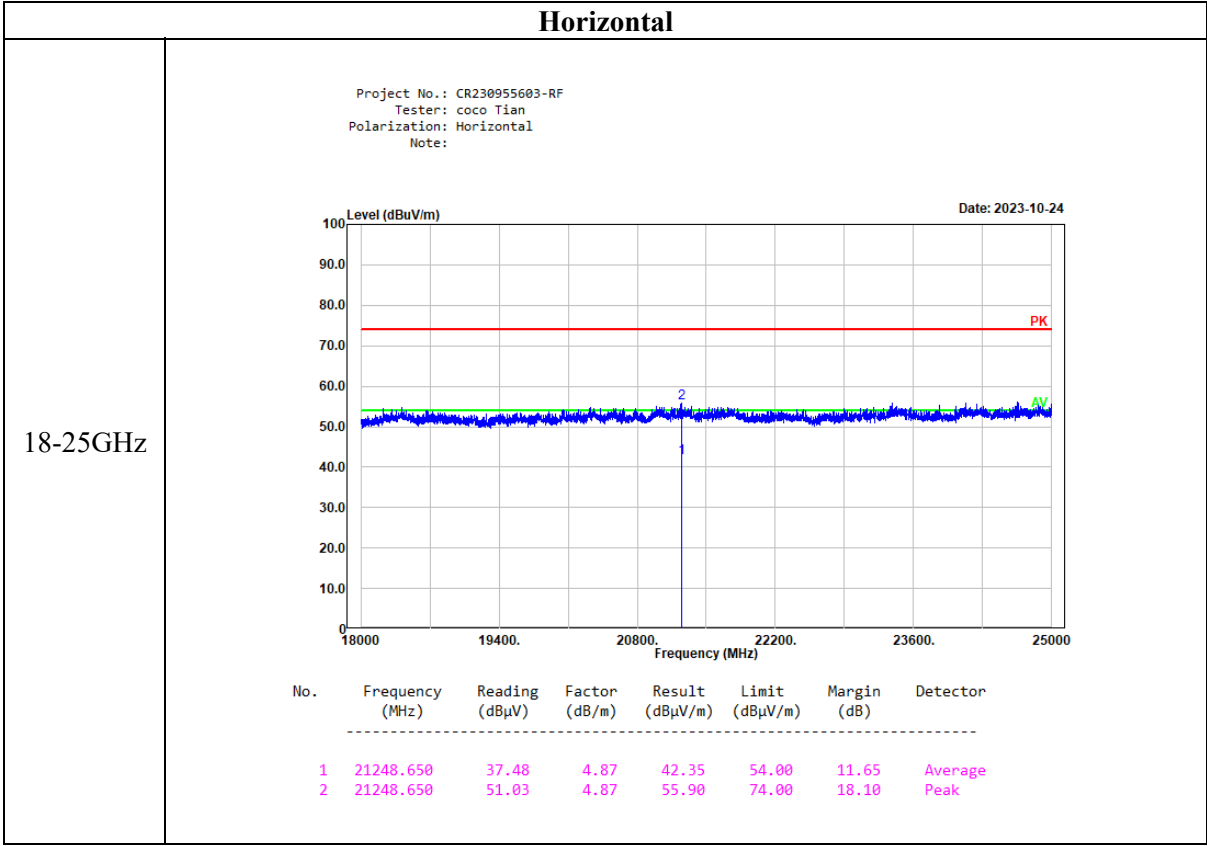
4-10GHz

Project No.: CR230955603-RF
Tester: coco Tian
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	6784.557	20.89	14.75	35.64	54.00	18.36	Average
2	6784.557	33.74	14.75	48.49	74.00	25.51	Peak
3	8407.281	19.38	17.17	36.55	54.00	17.45	Average
4	8407.281	32.07	17.17	49.24	74.00	24.76	Peak
5	9385.478	18.74	18.71	37.45	54.00	16.55	Average
6	9385.478	32.21	18.71	50.92	74.00	23.08	Peak

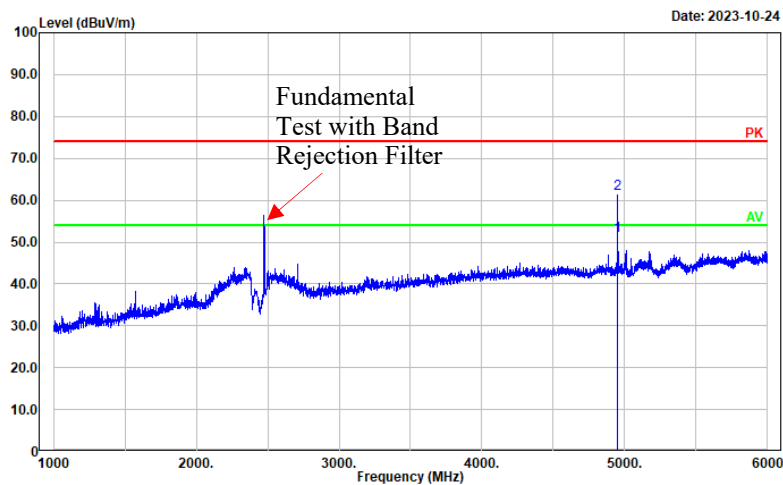
2.4G SRD: (1.4MHz Mode 16QAM High channel)



Vertical

1-6GHz

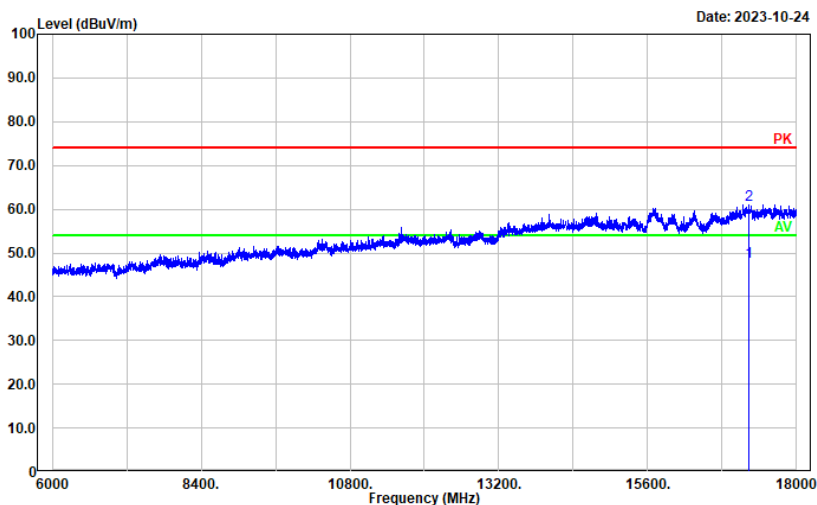
Project No.: CR230955603-RF
Tester: coco Tian
Polarization: vertical
Note:



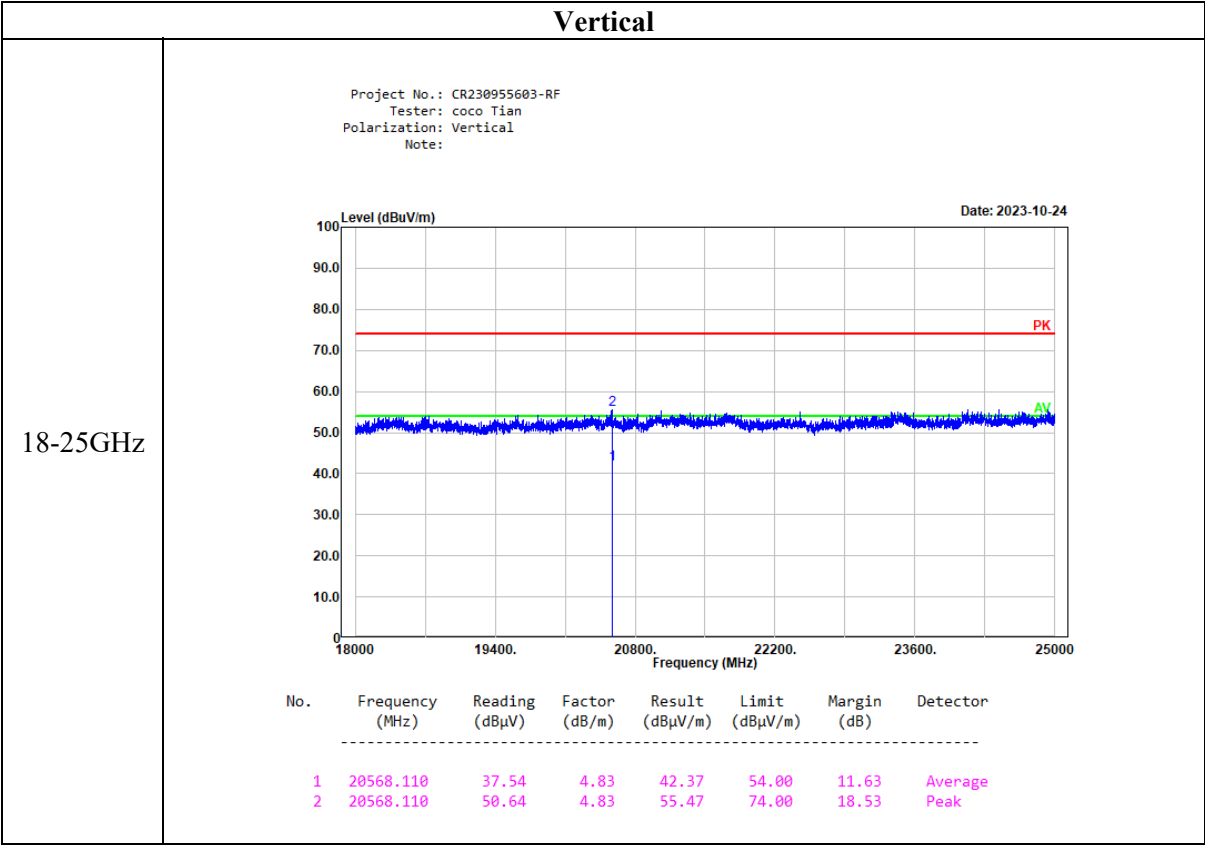
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4951.000	39.77	11.76	51.53	54.00	2.47	Average
2	4951.000	49.86	11.76	61.62	74.00	12.38	Peak

6-18GHz

Project No.: CR230955603-RF
Tester: coco Tian
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	17229.450	21.23	26.73	47.96	54.00	6.04	Average
2	17229.450	34.35	26.73	61.08	74.00	12.92	Peak



4.3 6 dB Emission Bandwidth:

Serial Number:	2BJM-12	Test Date:	2023/11/01-2023/11/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei, Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2-26.2	Relative Humidity: (%)	45-53	ATM Pressure: (kPa)	100.7-101.3
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Test Equipment List and Details:

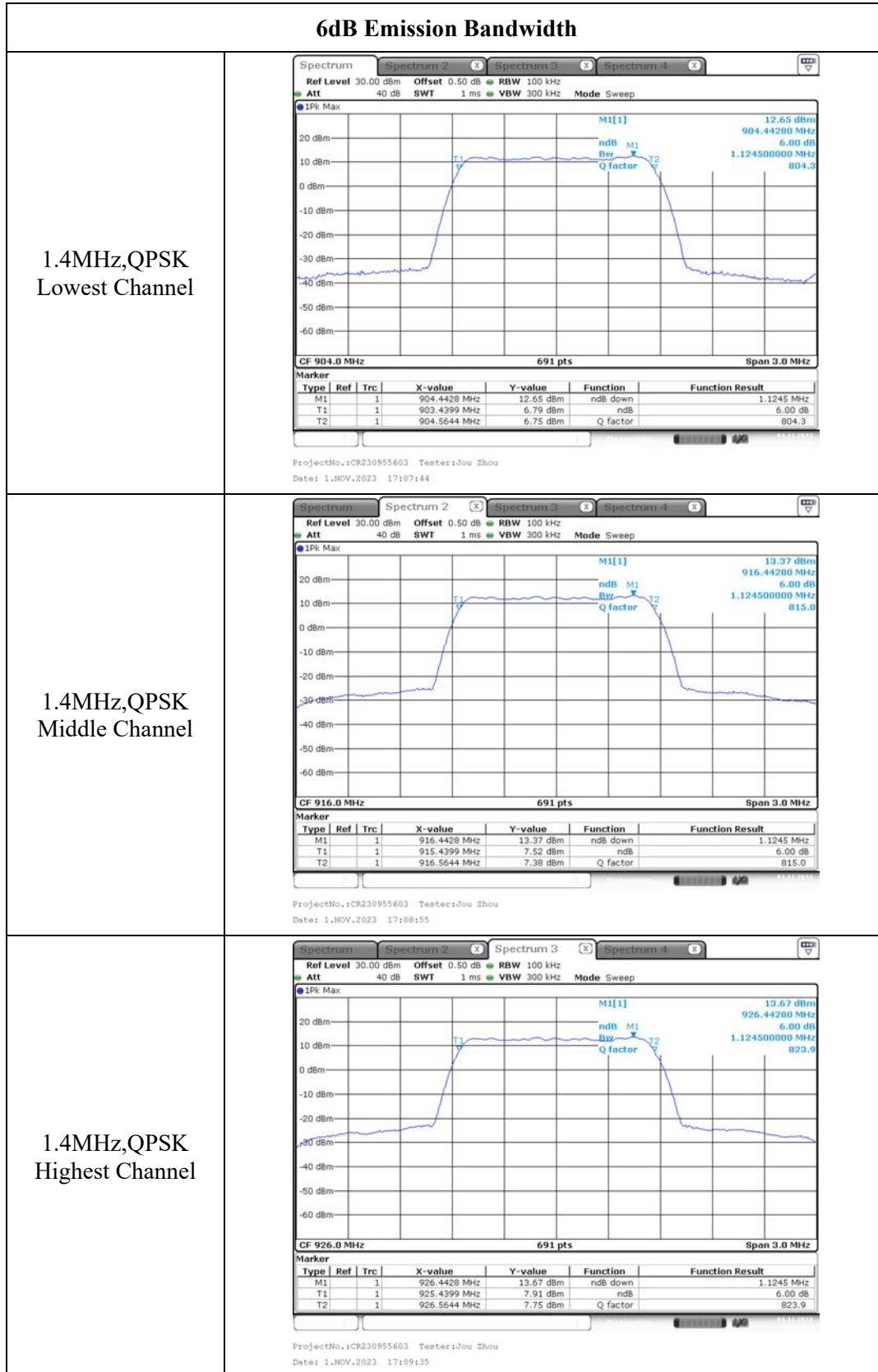
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

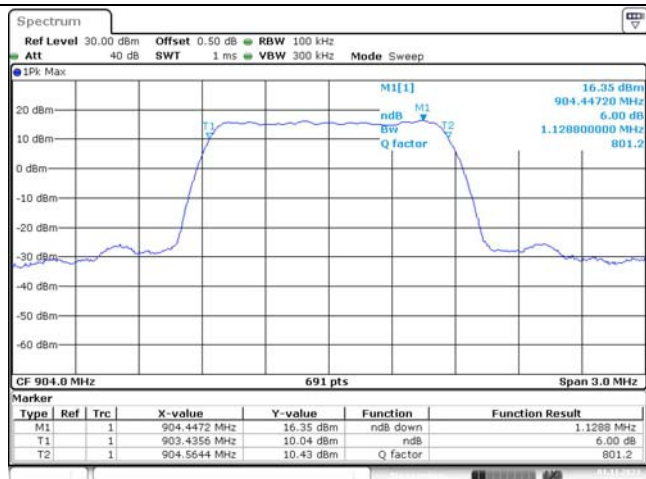
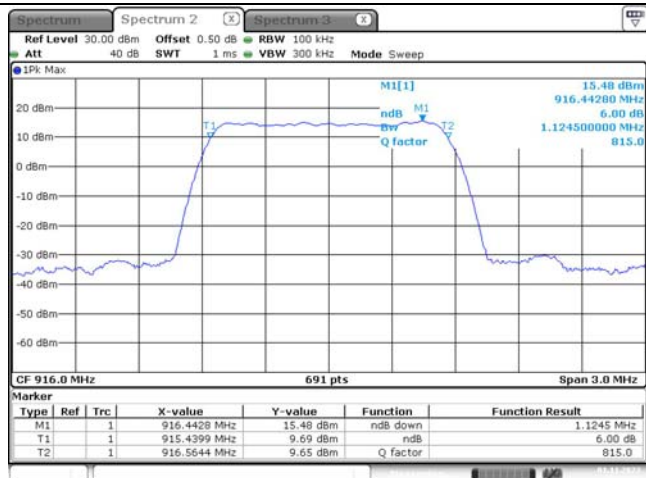
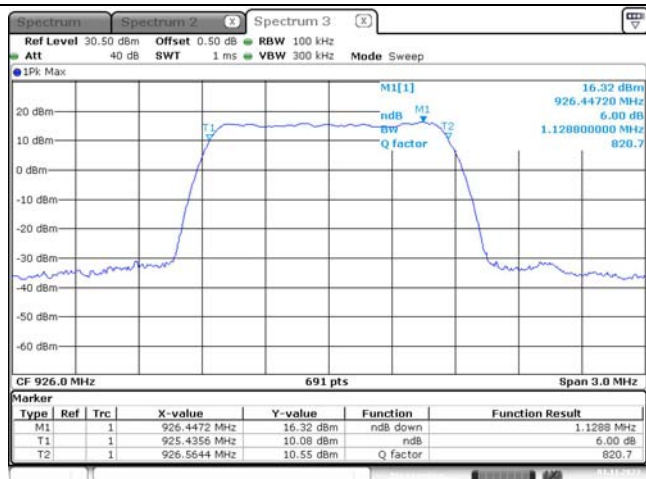
Test Data:

Note: test was performed at Chain 0.

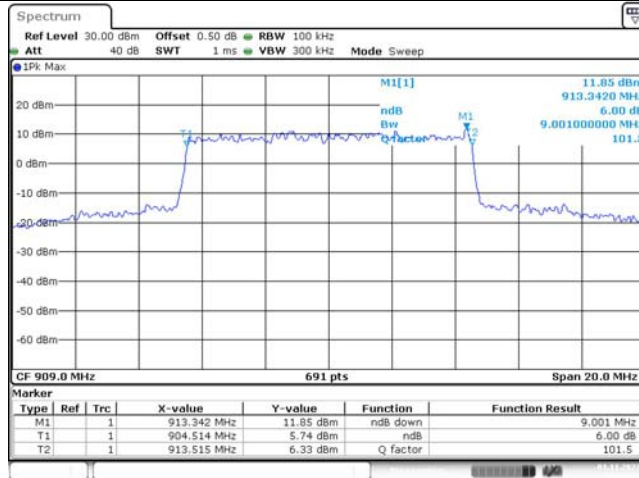
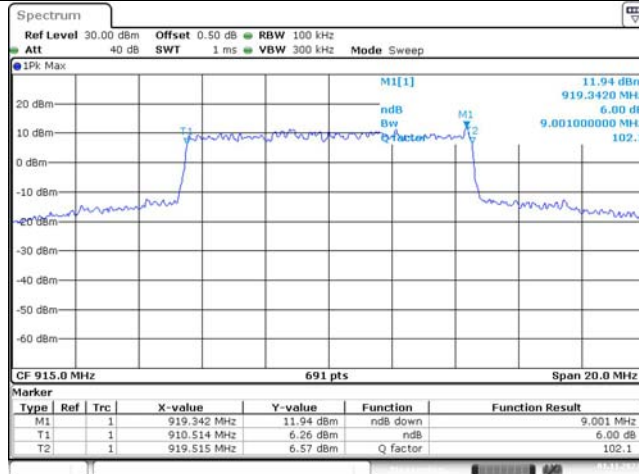
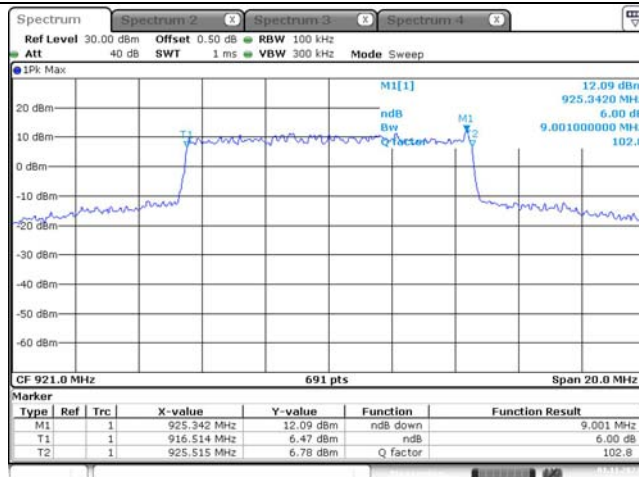
Operation Bands	Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
900MHz	1.4M QPSK	904	1.125	≥ 0.5
		916	1.125	≥ 0.5
		926	1.125	≥ 0.5
	1.4M 16QAM	904	1.129	≥ 0.5
		916	1.125	≥ 0.5
		926	1.129	≥ 0.5
	10M QPSK	909	9.001	≥ 0.5
		915	9.001	≥ 0.5
		921	9.001	≥ 0.5
	10M 16QAM	909	9.001	≥ 0.5
		915	9.001	≥ 0.5
		921	9.001	≥ 0.5
	20M QPSK	914	18.061	≥ 0.5
		915	18.061	≥ 0.5
		916	18.061	≥ 0.5
	20M 16QAM	914	18.061	≥ 0.5
		915	18.061	≥ 0.5
		916	18.119	≥ 0.5
2.4GHz	1.4M QPSK	2403.5	1.125	≥ 0.5
		2439.5	1.133	≥ 0.5
		2475.5	1.129	≥ 0.5
	1.4M 16QAM	2403.5	1.133	≥ 0.5
		2439.5	1.133	≥ 0.5
		2475.5	1.129	≥ 0.5
	10M QPSK	2407.5	9.001	≥ 0.5
		2439.5	9.001	≥ 0.5
		2471.5	9.001	≥ 0.5
	10M 16QAM	2407.5	9.001	≥ 0.5
		2439.5	9.001	≥ 0.5
		2471.5	9.001	≥ 0.5
	20M QPSK	2412.5	18.061	≥ 0.5
		2437.5	18.061	≥ 0.5
		2462.5	18.061	≥ 0.5
	20M 16QAM	2412.5	18.061	≥ 0.5
		2437.5	18.061	≥ 0.5
		2462.5	18.061	≥ 0.5

900MHz Band:

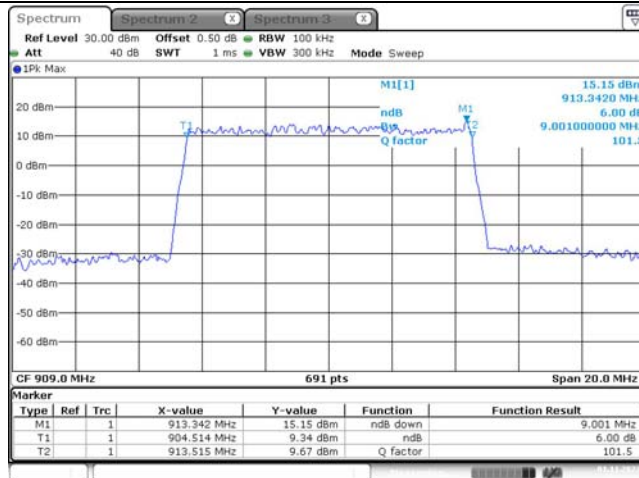
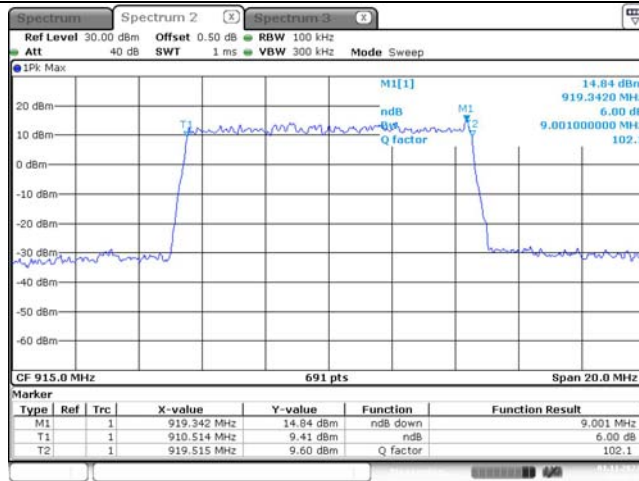
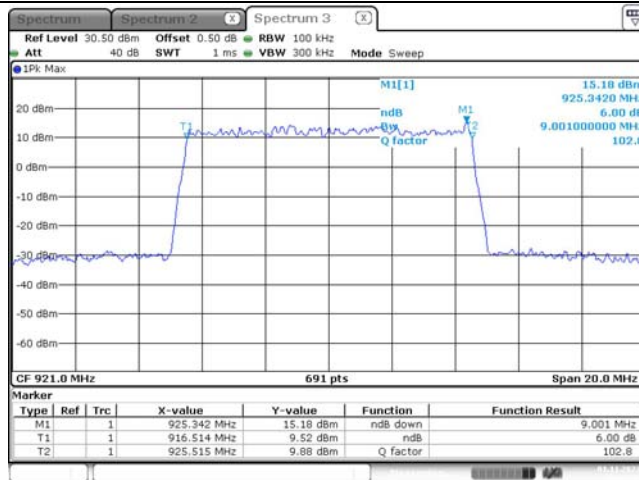
6dB Emission Bandwidth

1.4MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:30:151.4MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:35:331.4MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:36:36

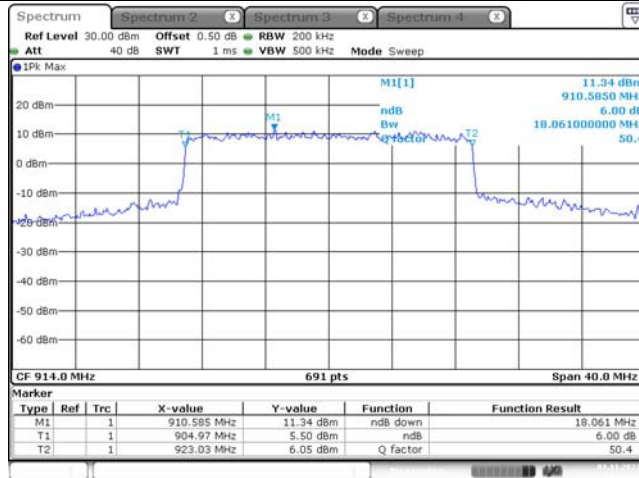
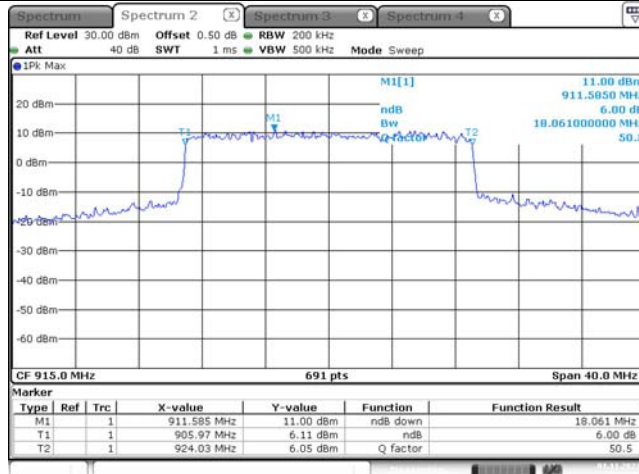
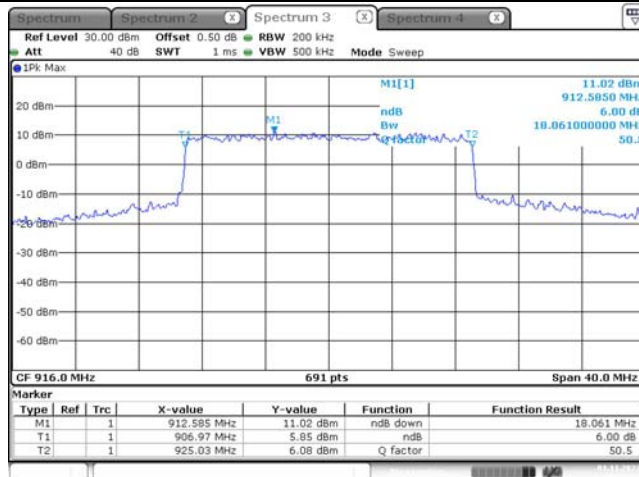
6dB Emission Bandwidth

10MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:13:0510MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:14:2210MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:16:52

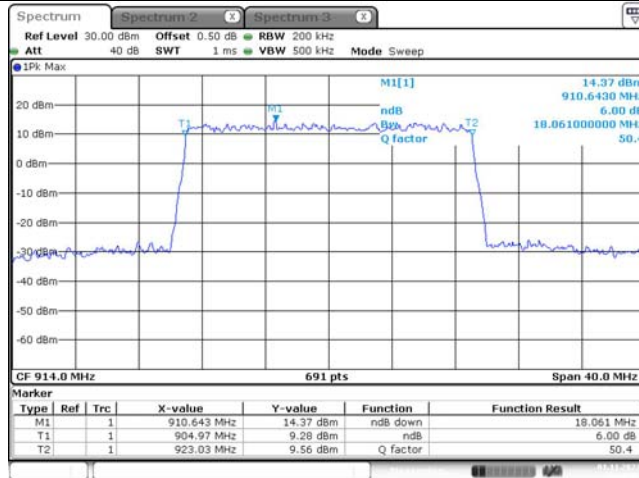
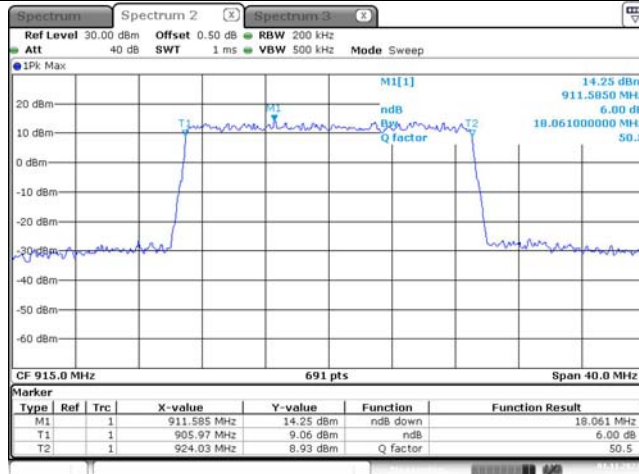
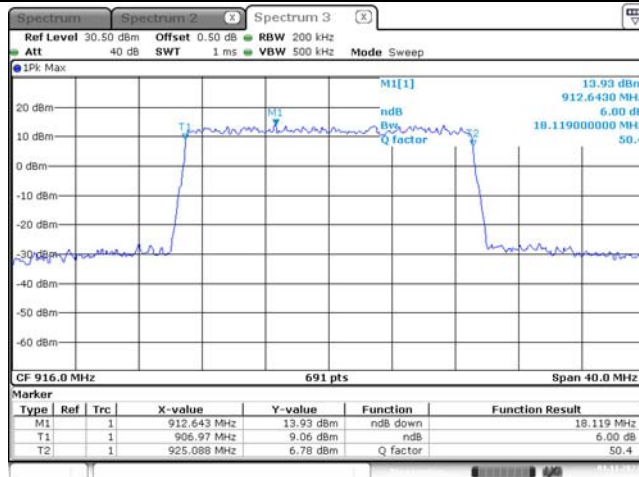
6dB Emission Bandwidth

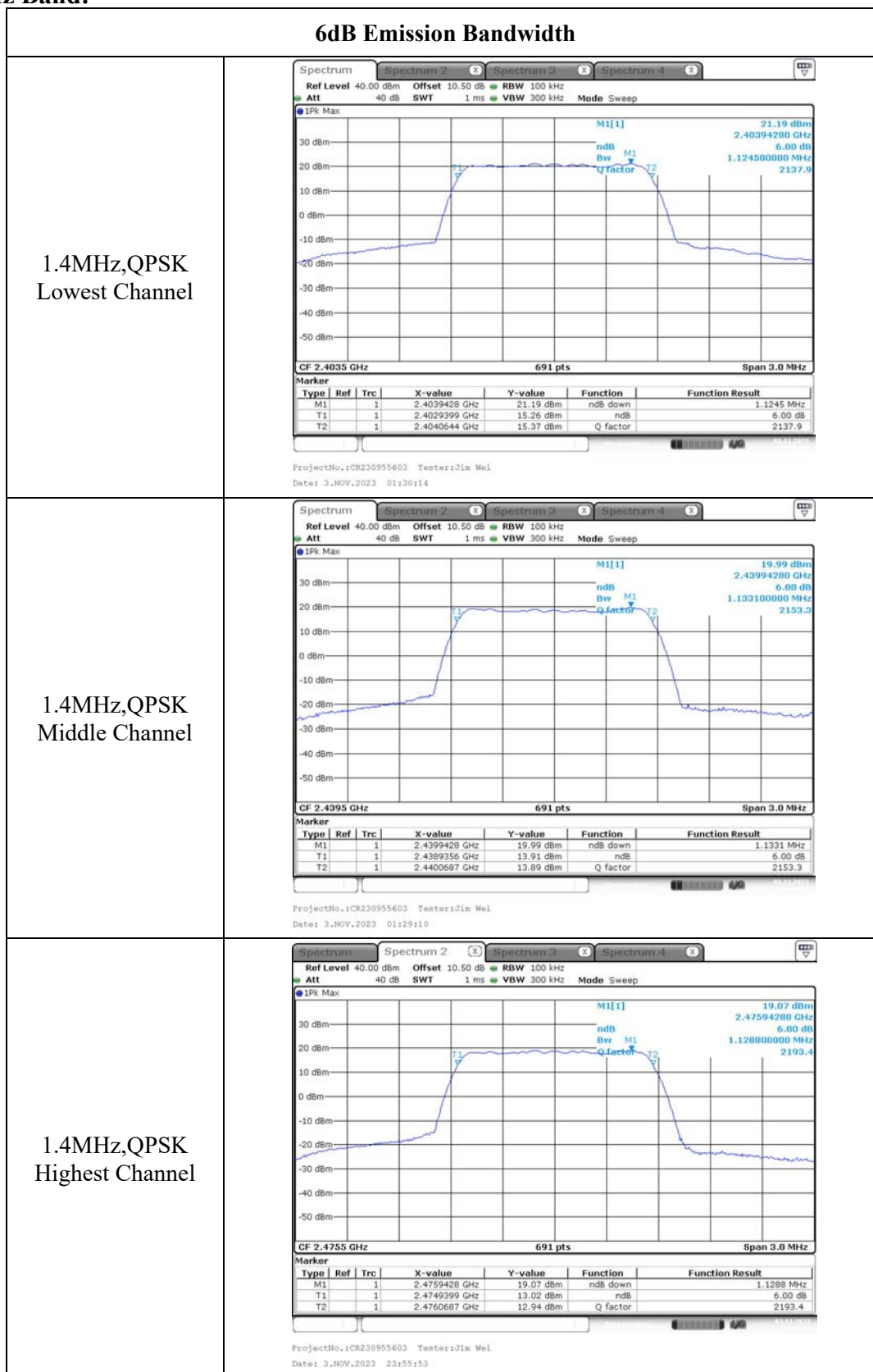
10MHz, 16QAM
Lowest Channel10MHz, 16QAM
Middle Channel10MHz, 16QAM
Highest Channel

6dB Emission Bandwidth

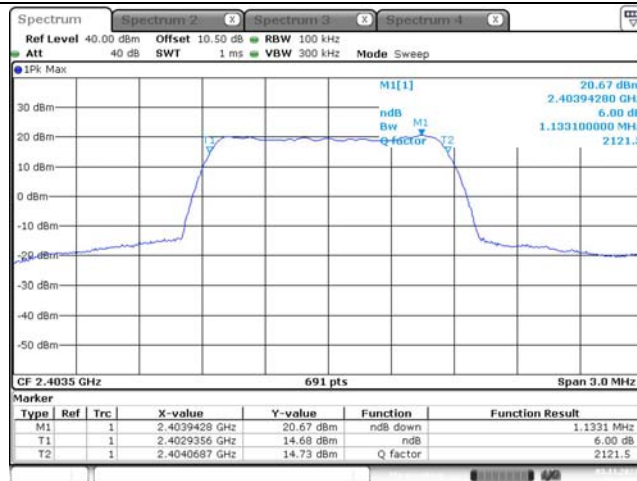
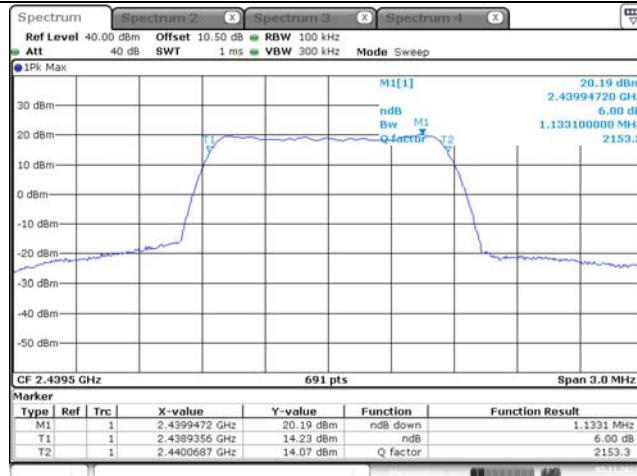
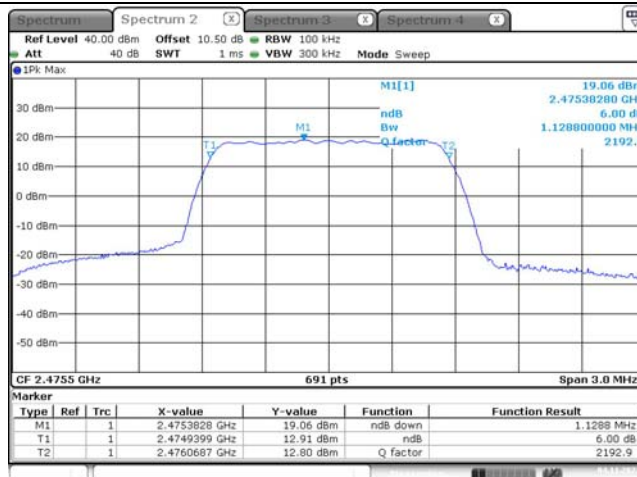
20MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:19:1620MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:20:4020MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:22:04

6dB Emission Bandwidth

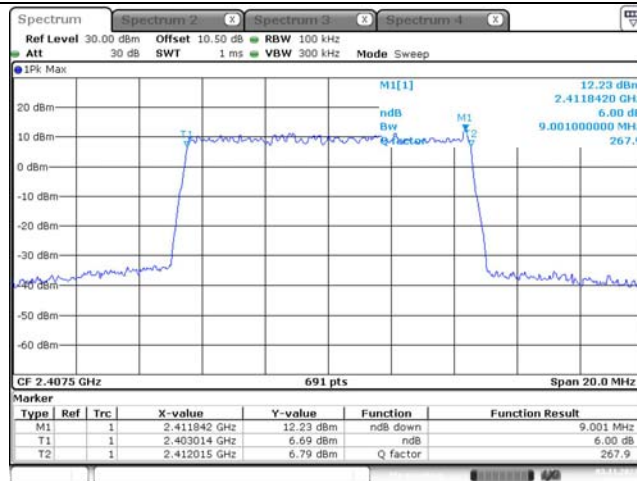
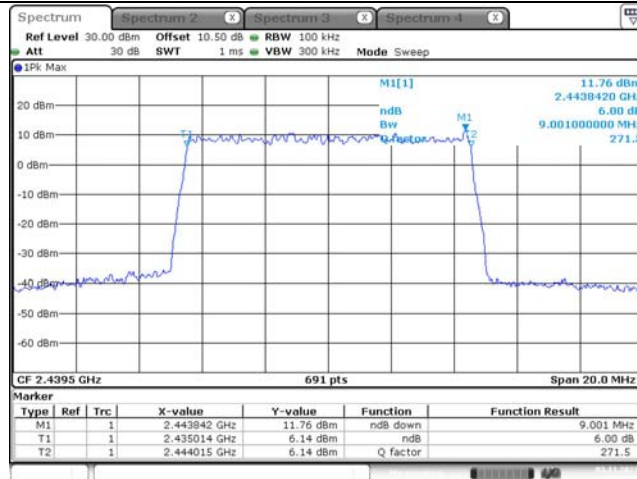
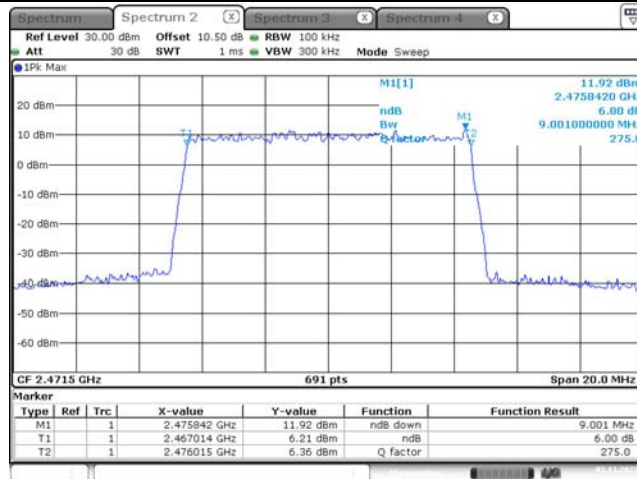
20MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:48:0120MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:48:5220MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 13:50:01

2.4GHz Band:

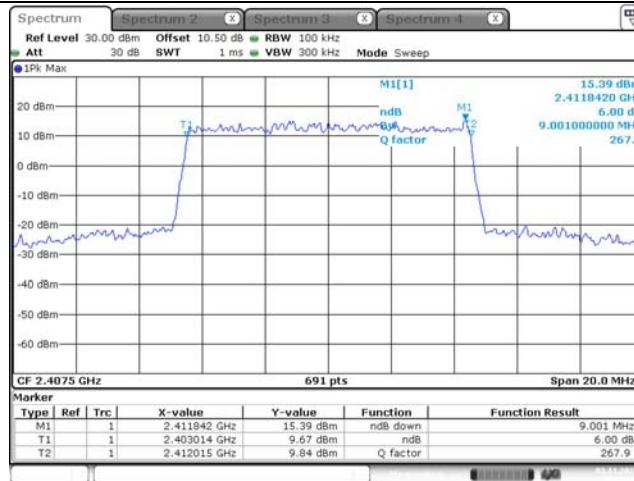
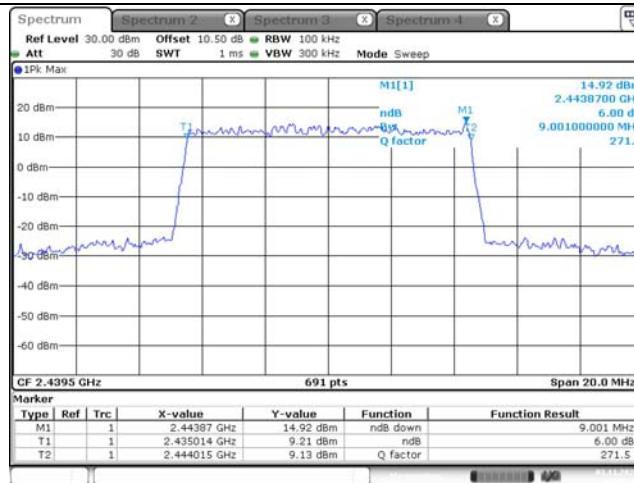
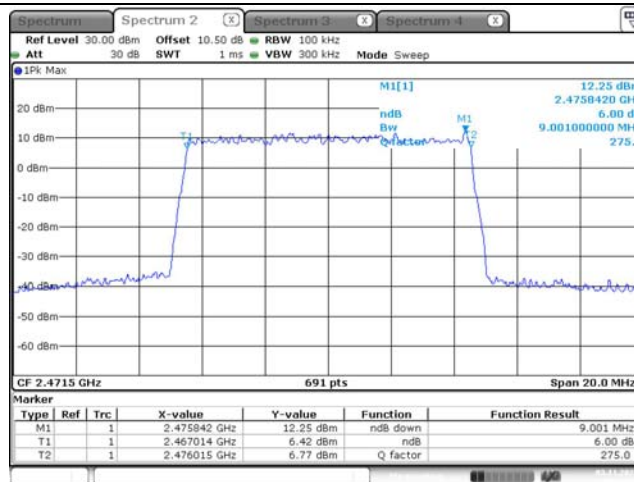
6dB Emission Bandwidth

1.4MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 01:40:301.4MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 01:28:321.4MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:05:49

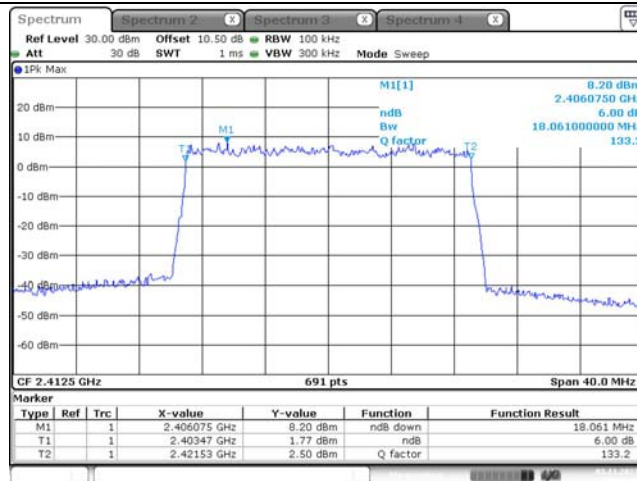
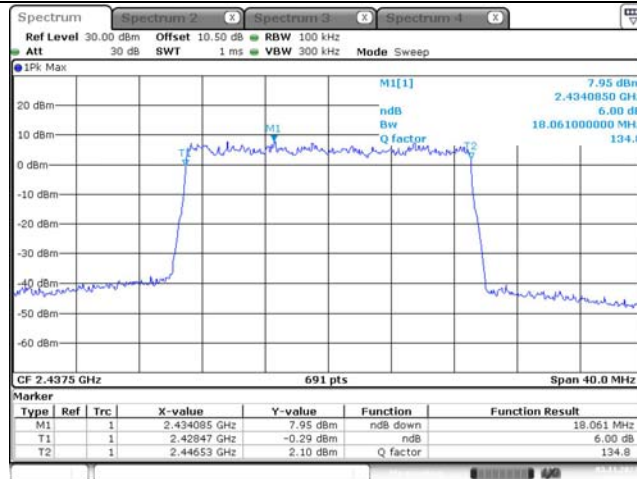
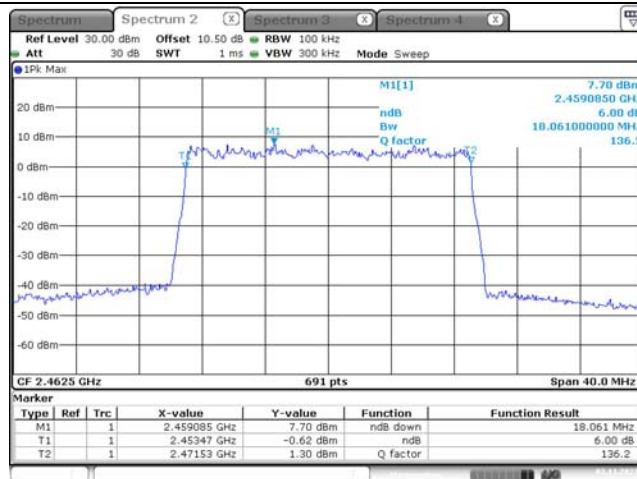
6dB Emission Bandwidth

10MHz,QPSK
Lowest Channel10MHz,QPSK
Middle Channel10MHz,QPSK
Highest Channel

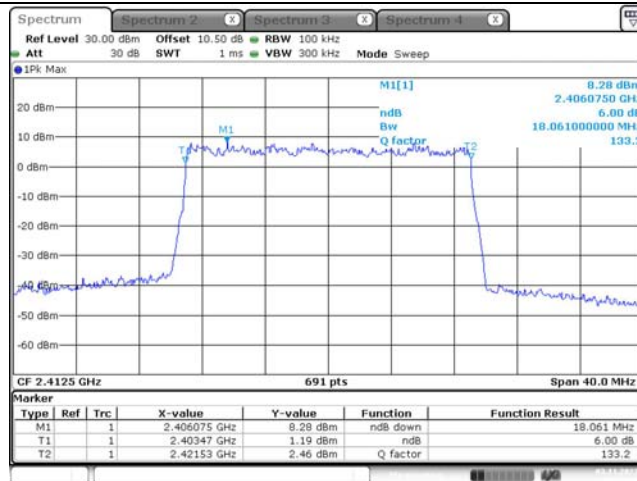
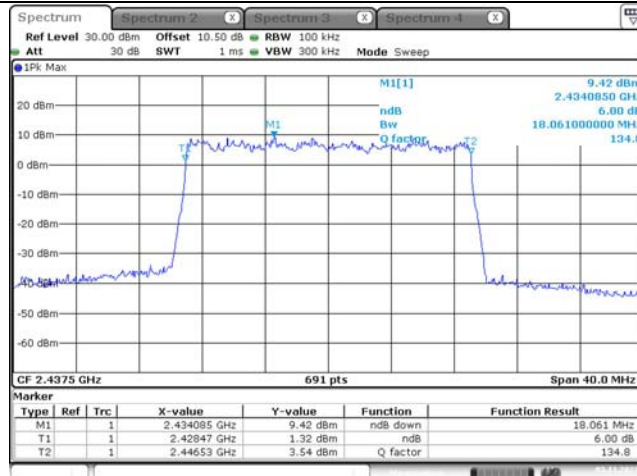
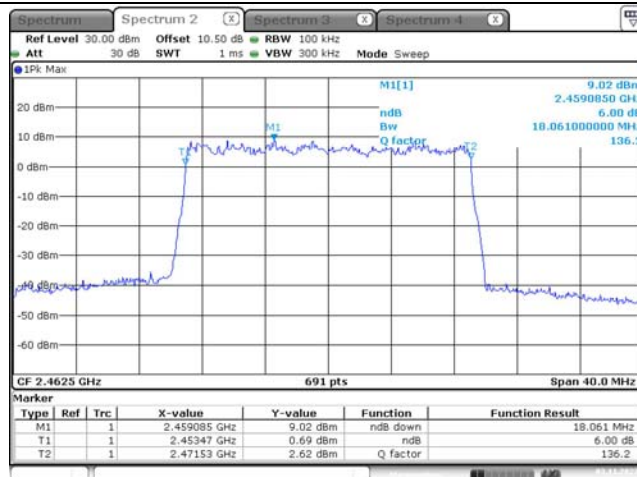
6dB Emission Bandwidth

10MHz, 16QAM
Lowest Channel10MHz, 16QAM
Middle Channel10MHz, 16QAM
Highest Channel

6dB Emission Bandwidth

20MHz,QPSK
Lowest Channel20MHz, QPSK
Middle Channel20MHz,QPSK
Highest Channel

6dB Emission Bandwidth

20MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:53:0520MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 01:07:1720MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:58:10

4.4 99% Occupied Bandwidth:

Serial Number:	2BJM-12	Test Date:	2023/11/01-2023/11/28
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei, Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2-25.8	Relative Humidity: (%)	45-62	ATM Pressure: (kPa)	100.9-102
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

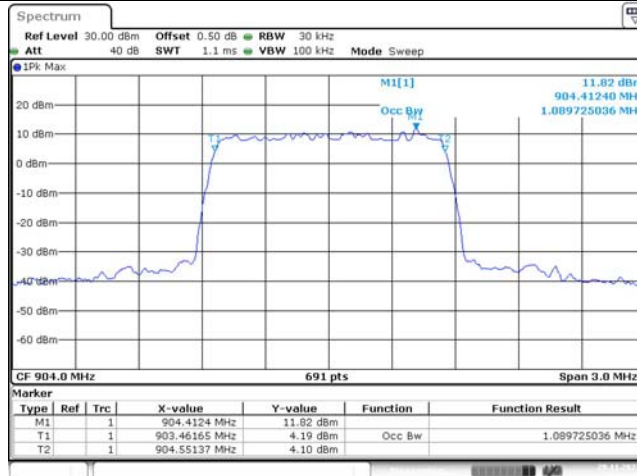
Test Data:

Note: test was performed at Chain 0

Operation Bands	Test Modes	Test Frequency (MHz)	99% Occupied Bandwidth (MHz)
900MHz	1.4M QPSK	904	1.090
		916	1.094
		926	1.094
	1.4M 16QAM	904	1.081
		916	1.085
		926	1.081
	10M QPSK	909	8.973
		915	9.001
		921	9.001
	10M 16QAM	909	8.944
		915	8.944
		921	8.944
	20M QPSK	914	18.003
		915	18.003
		916	18.003
	20M 16QAM	914	17.945
		915	17.945
		916	17.887
2.4GHz	1.4M QPSK	2403.5	1.085
		2439.5	1.090
		2475.5	1.090
	1.4M 16QAM	2403.5	1.090
		2439.5	1.090
		2475.5	1.090
	10M QPSK	2407.5	8.944
		2439.5	8.944
		2471.5	8.944
	10M 16QAM	2407.5	8.944
		2439.5	8.944
		2471.5	8.944
	20M QPSK	2412.5	17.945
		2437.5	17.945
		2462.5	17.945
	20M 16QAM	2412.5	17.945
		2437.5	17.945
		2462.5	17.945

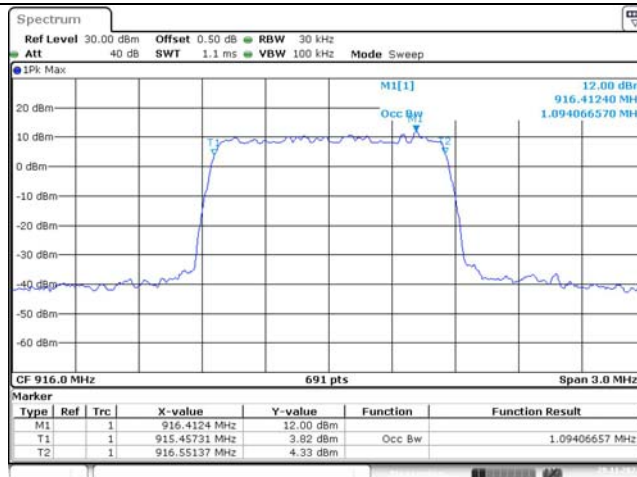
900MHz Band:**99% Occupied Bandwidth**

1.4MHz,QPSK
Lowest Channel



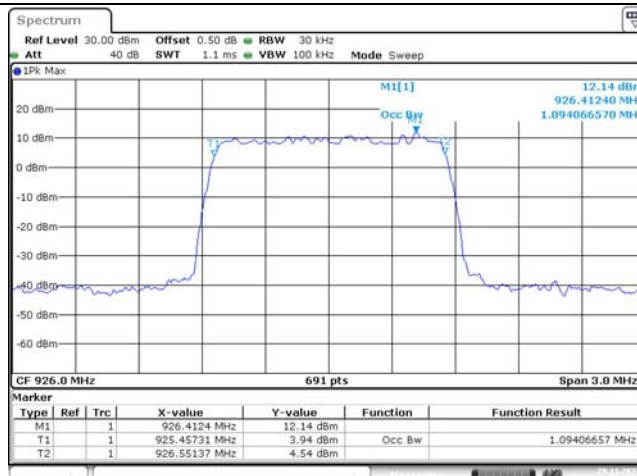
ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 28.NOV.2023 08:54:07

1.4MHz,QPSK
Middle Channel



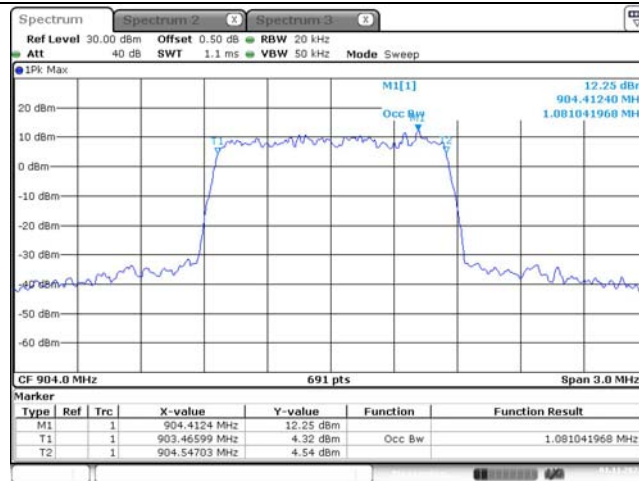
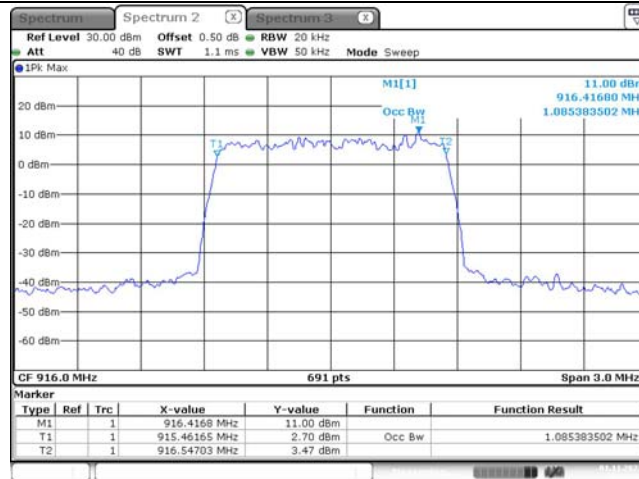
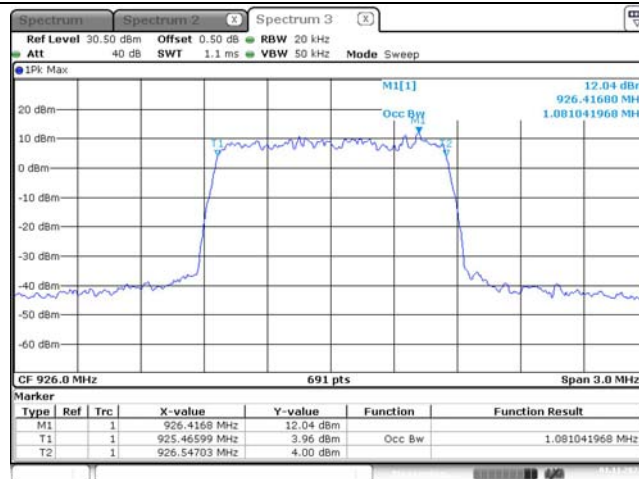
ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 28.NOV.2023 08:56:01

1.4MHz,QPSK
Highest Channel

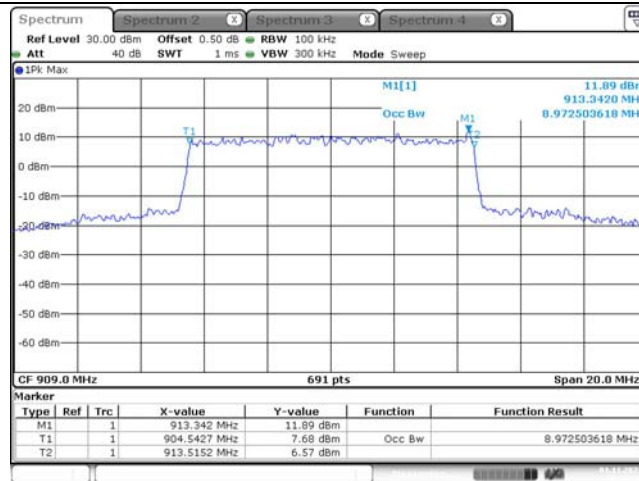
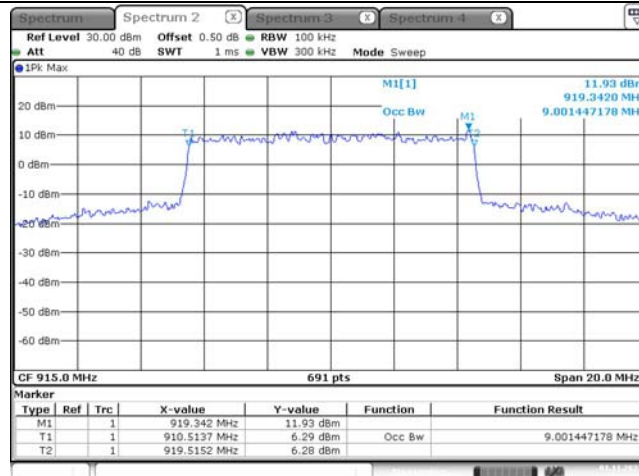
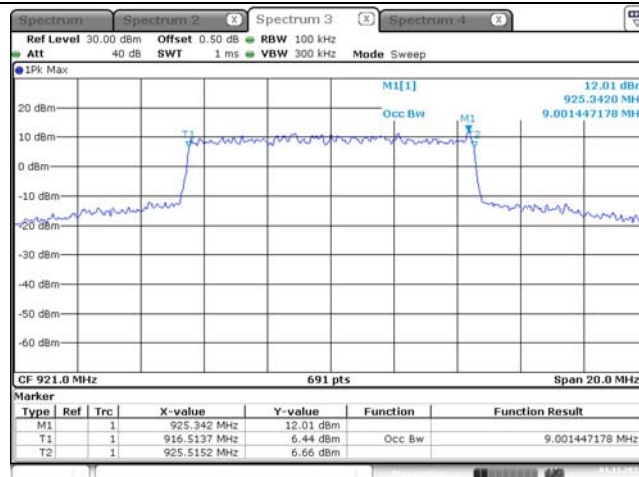


ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 28.NOV.2023 08:57:13

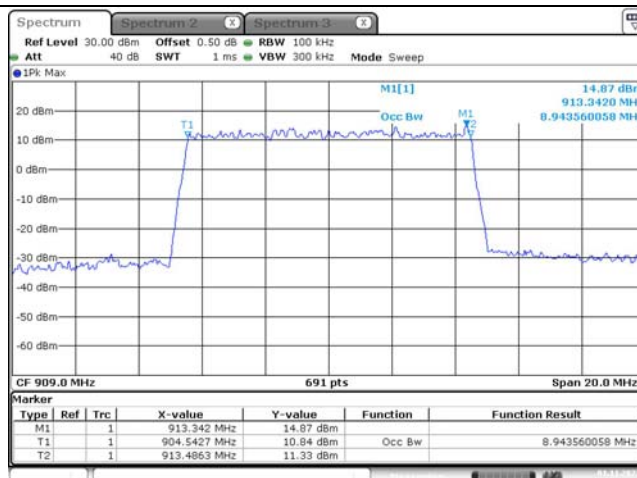
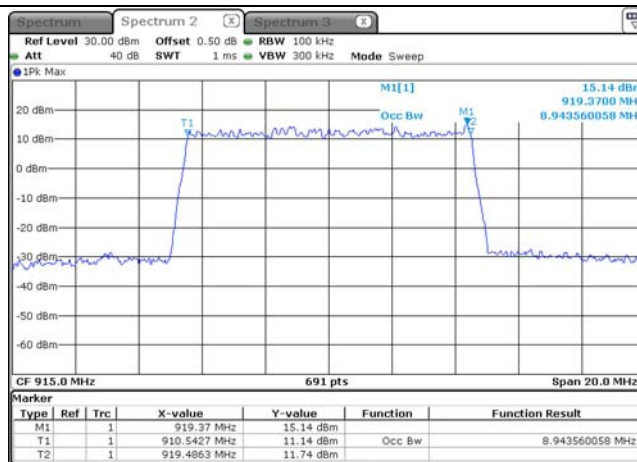
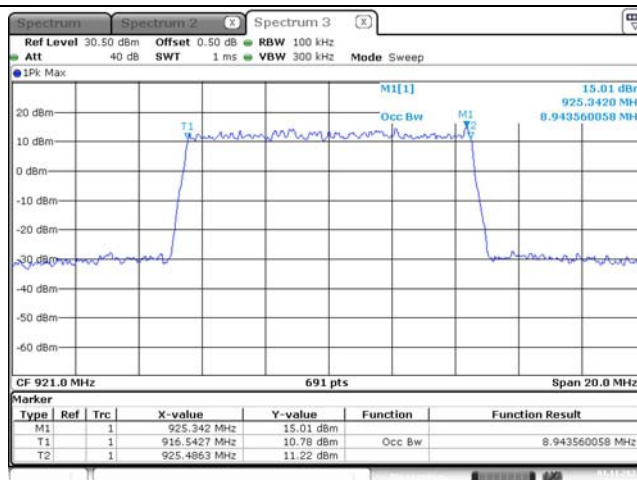
99% Occupied Bandwidth

1.4MHz, 16QAM
Lowest Channel1.4MHz, 16QAM
Middle Channel1.4MHz, 16QAM
Highest Channel

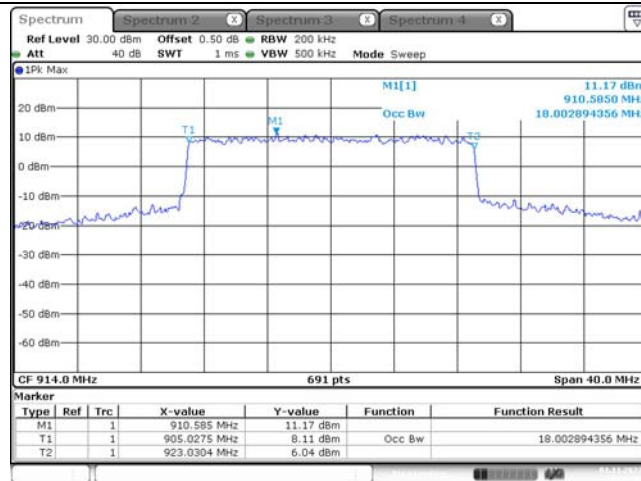
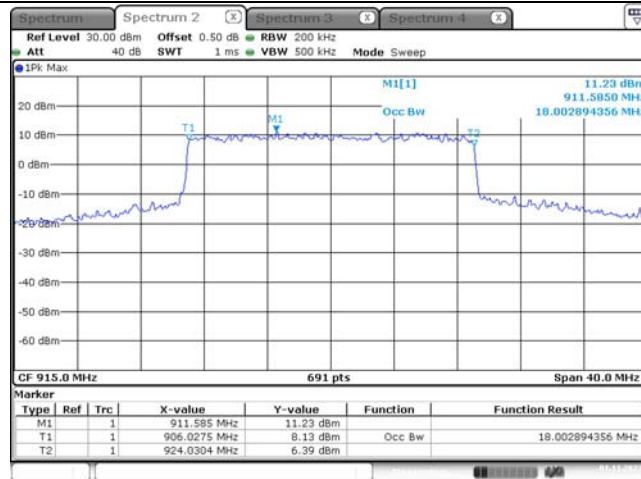
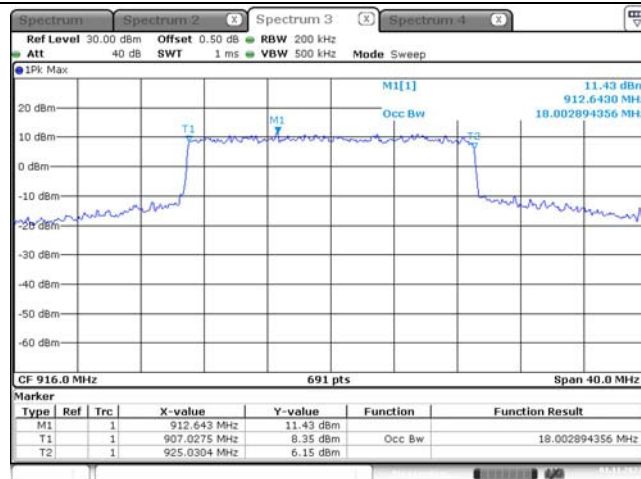
99% Occupied Bandwidth

10MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:32:1510MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:31:3110MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 17:30:55

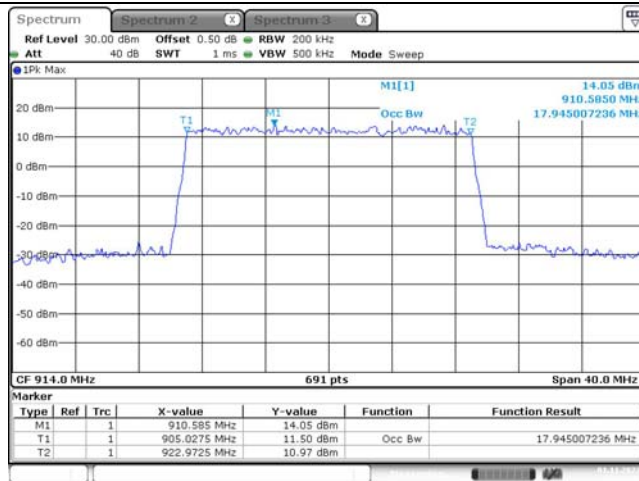
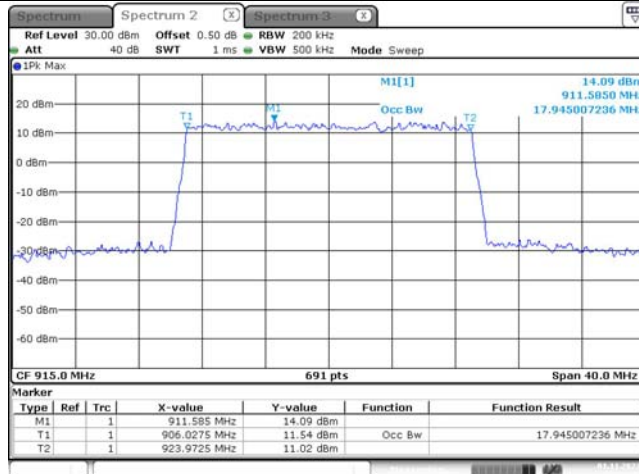
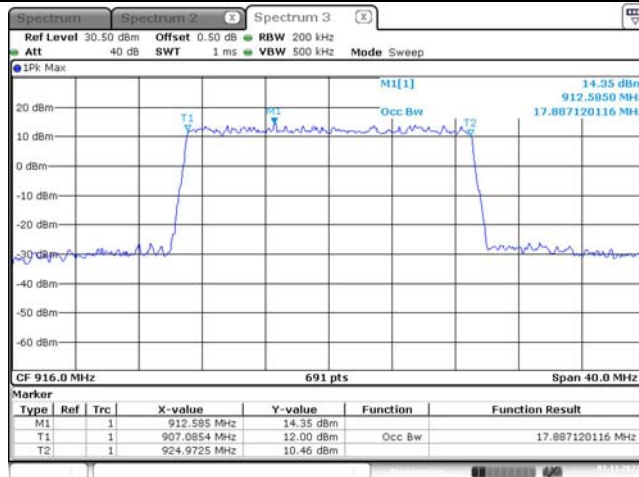
99% Occupied Bandwidth

10MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:06:0210MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:08:3310MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:09:38

99% Occupied Bandwidth

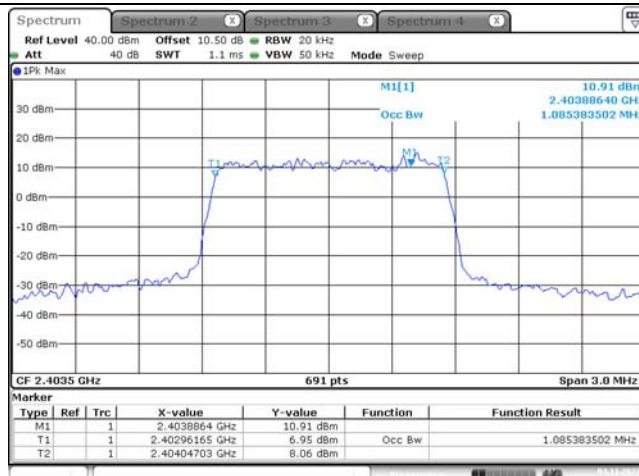
20MHz,QPSK
Lowest Channel20MHz,QPSK
Middle Channel20MHz,QPSK
Highest Channel

99% Occupied Bandwidth

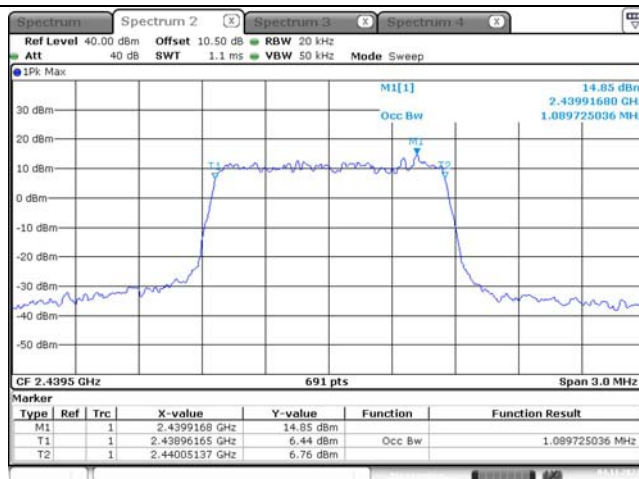
20MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:12:4220MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:13:4420MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 14:14:39

2.4GHz Band:**99% Occupied Bandwidth**

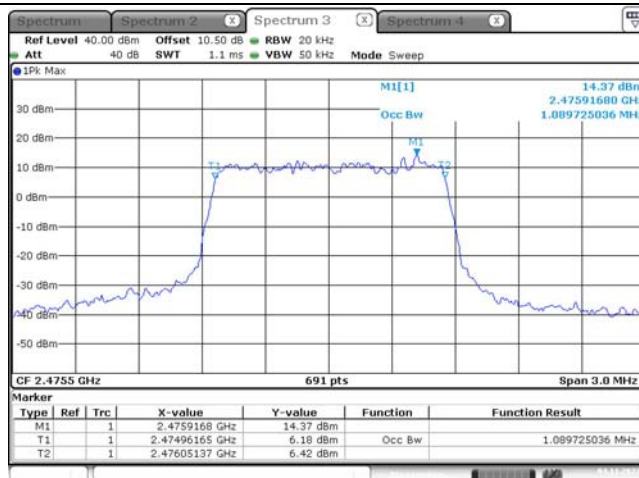
1.4MHz,QPSK
Lowest Channel



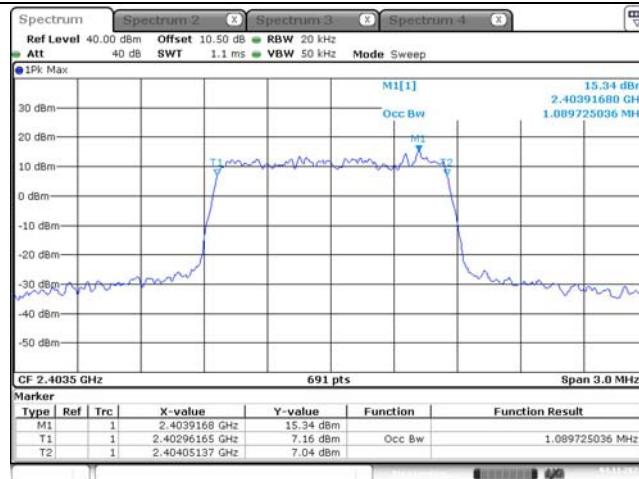
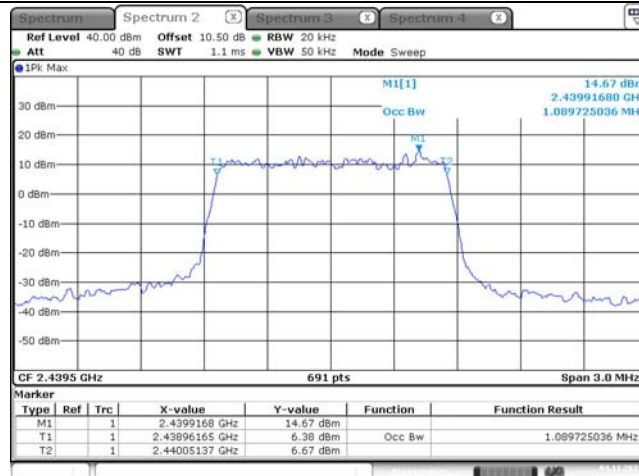
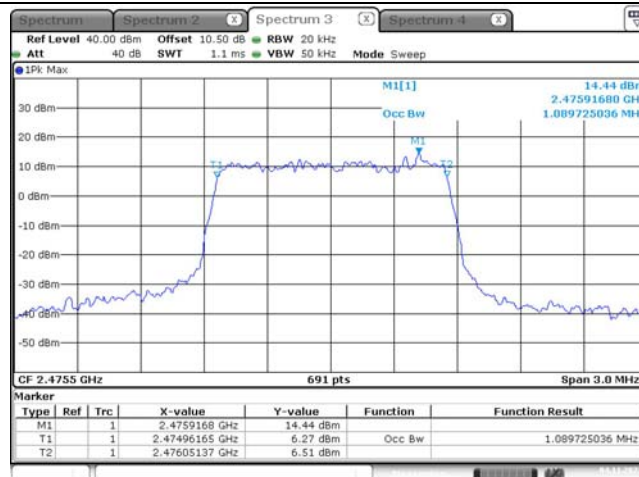
1.4MHz,QPSK
Middle Channel



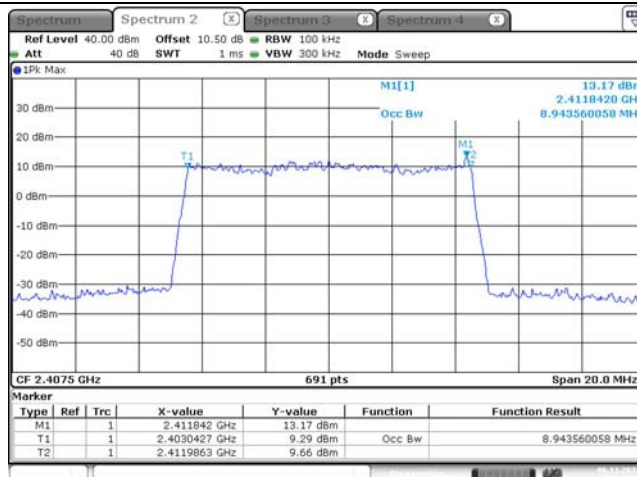
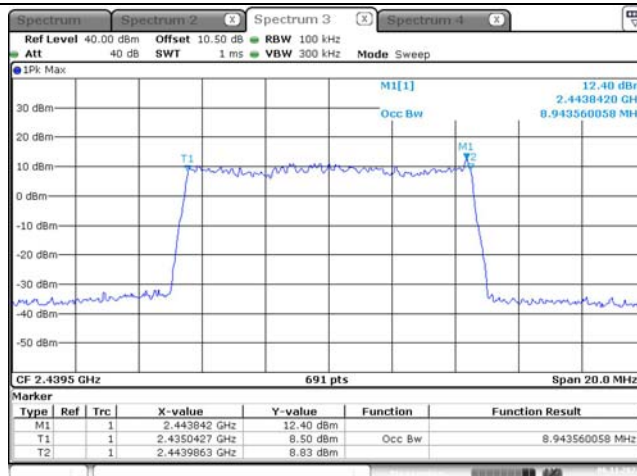
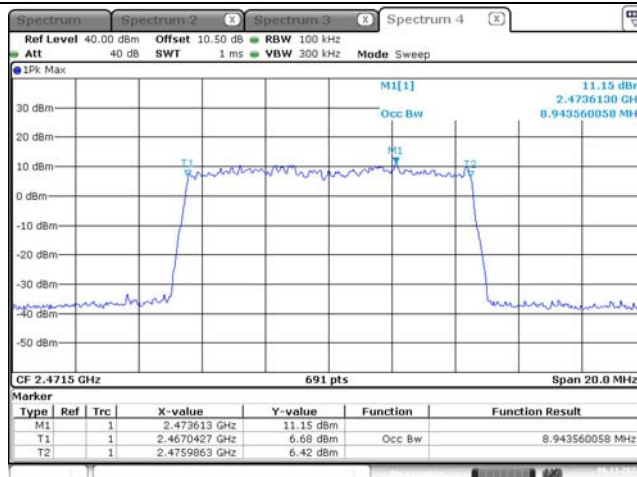
1.4MHz,QPSK
Highest Channel



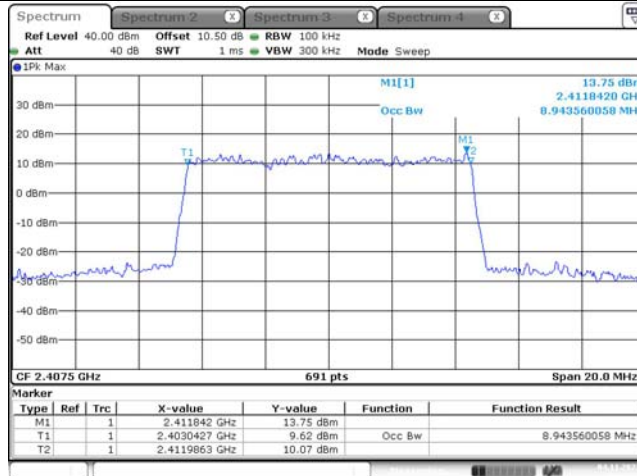
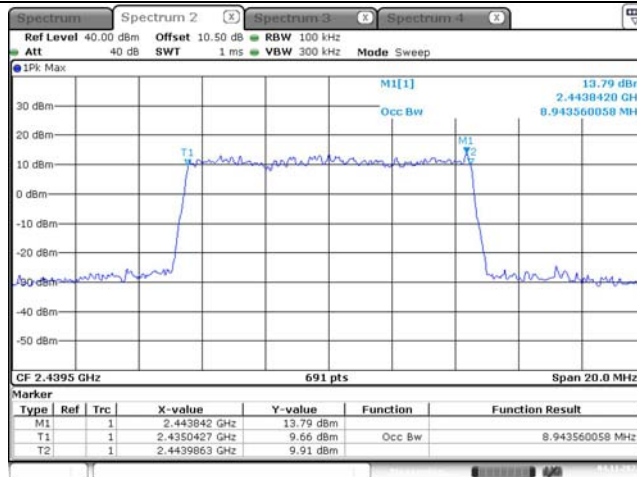
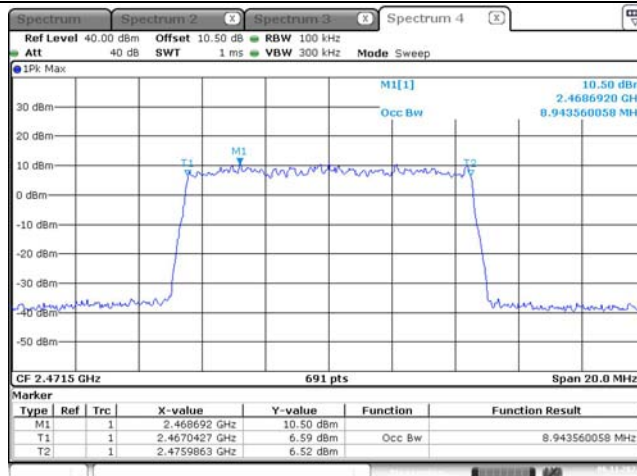
99% Occupied Bandwidth

1.4MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:37:501.4MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:39:121.4MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:43:14

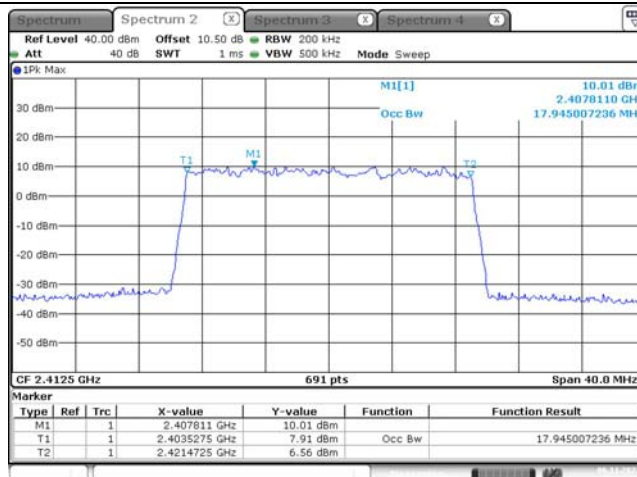
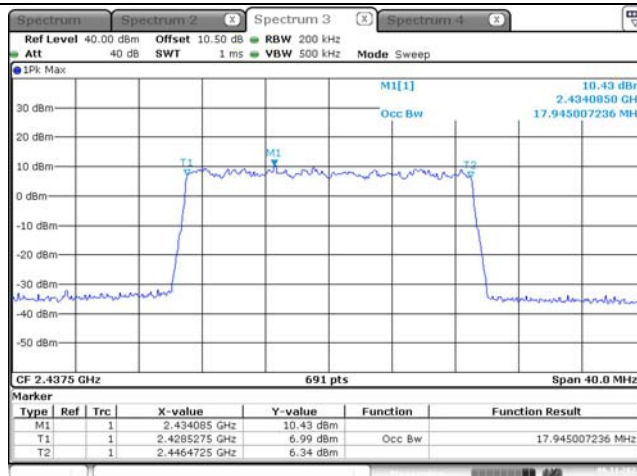
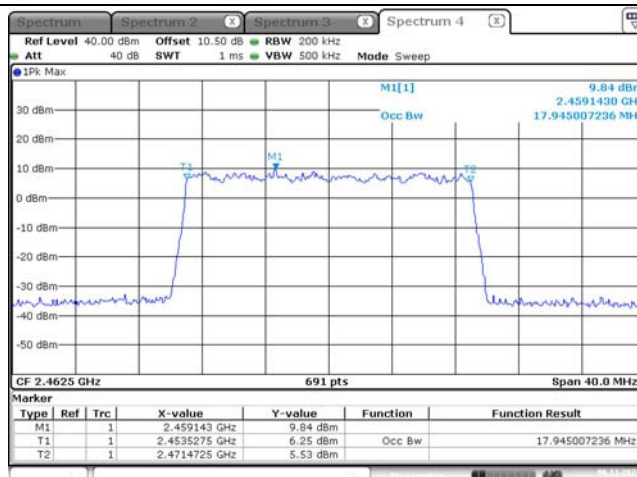
99% Occupied Bandwidth

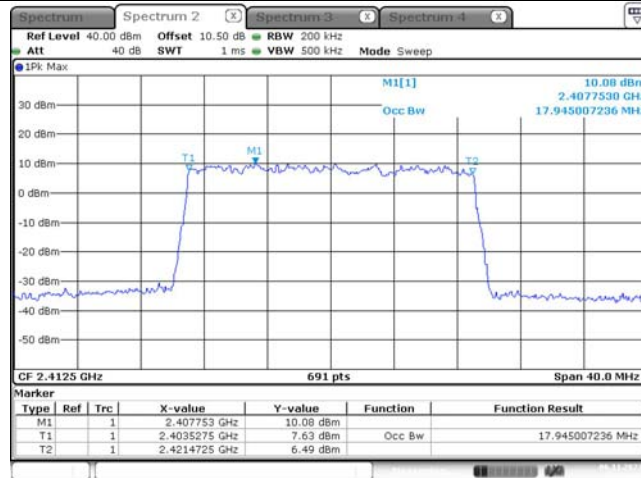
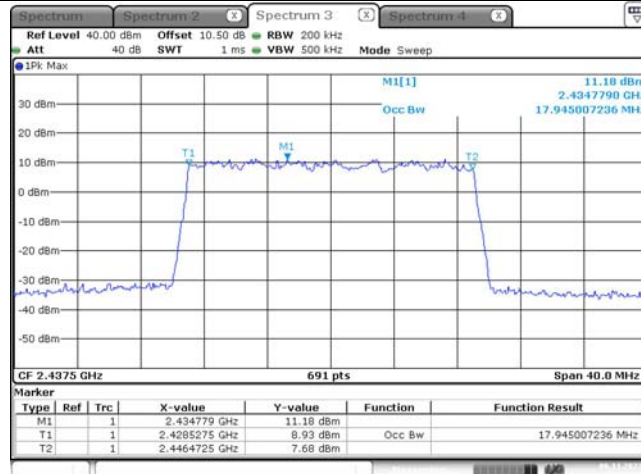
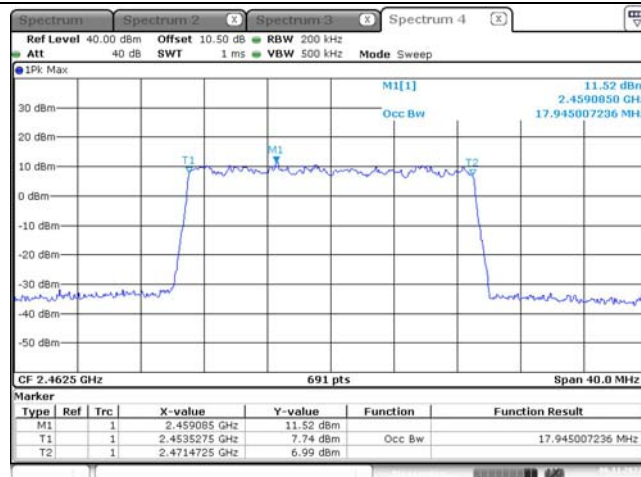
10MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:29:2710MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:27:3910MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:28:41

99% Occupied Bandwidth

10MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:49:2410MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 4.NOV.2023 00:53:3610MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:25:50

99% Occupied Bandwidth

20MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:33:5420MHz, QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:38:1720MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:37:25

99% Occupied Bandwidth20MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:14:3320MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:15:2520MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jim Wei
Date: 6.NOV.2023 09:16:14

4.5 Maximum Conducted Output Power:

Serial Number:	2BJM-12	Test Date:	2023/11/01
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei, Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2	Relative Humidity: (%)	46-52	ATM Pressure: (kPa)	101.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Anritsu	Power Meter	ML2495A	1106009	2023/8/4	2024/8/3
Anritsu	Pulse Power Sensor	MA2411A	10780	2023/8/4	2024/8/3
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK-18G	21060302	Each time	N/A
Agilent	USB Wideband Power Sensor	U2021XA	MY54080015	2023/3/31	2024/3/30

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

900MHz Band:

Modulation	Test Modes	Test Frequency (MHz)	Maximum Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 2	Total	
QPSK	1.4MHz	904	17.41	18.91	21.23	≤30
		916	17.59	18.83	21.26	≤30
		926	17.74	18.76	21.29	≤30
	10MHz	909	23.24	24.57	26.97	≤30
		915	23.35	24.6	27.03	≤30
		921	23.47	24.61	27.09	≤30
	20MHz	914	23.44	24.64	27.09	≤30
		915	23.41	24.67	27.10	≤30
		916	23.43	24.71	27.13	≤30
16-QAM	1.4MHz	904	18.27	19.71	22.06	≤30
		916	17.33	18.46	20.94	≤30
		926	18.32	19.13	21.75	≤30
	10MHz	909	23.11	24.15	26.67	≤30
		915	23.24	24.17	26.74	≤30
		921	23.41	24.11	26.78	≤30
	20MHz	914	23.32	24.17	26.78	≤30
		915	23.42	24.34	26.91	≤30
		916	23.46	27.53	28.97	≤30
Antenna gain:	0.3	dB	direction antenna gain:			0.3 dB

2.4GHz band:

Modulation	Test Modes	Test Frequency (MHz)	Maximum Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 2	Total	
QPSK	1.4MHz	2403.5	23.47	23.53	26.51	≤30
		2439.5	22.89	22.91	25.91	≤30
		2475.5	22.59	22.78	25.70	≤30
	10MHz	2407.5	20.89	20.51	23.71	≤30
		2439.5	20.46	20.38	23.43	≤30
		2471.5	20.39	20.32	23.37	≤30
	20MHz	2412.5	19.32	19.02	22.18	≤30
		2437.5	20.35	20.48	23.43	≤30
		2462.5	20.12	20.42	23.28	≤30
16-QAM	1.4MHz	2403.5	23.49	23.25	26.38	≤30
		2439.5	23.29	23.19	26.25	≤30
		2475.5	22.99	22.86	25.94	≤30
	10MHz	2407.5	22.89	22.69	25.80	≤30
		2439.5	22.56	22.68	25.63	≤30
		2471.5	20.42	20.37	23.41	≤30
	20MHz	2412.5	19.32	19.02	22.18	≤30
		2437.5	20.35	20.48	23.43	≤30
		2462.5	20.12	20.42	23.28	≤30
Antenna gain:	1.7	dB	direction antenna gain:			1.7 dB

4.6 Maximum power spectral density:

Serial Number:	2BJM-12	Test Date:	2023/11/01-2023/11/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jim Wei, Jou Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.2-25.8	Relative Humidity: (%)	48-52	ATM Pressure: (kPa)	100.7-101.3
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/03/31	2024/03/30
zhuoxiang	Coaxial Cable	SMA-178	211003	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554404	Each time	N/A
eastsheep	Coaxial Attenuator	2W-SMA-JK- 18G	21060302	Each time	N/A
R&S	Spectrum Analyzer	FSV40	101943	2023/03/31	2024/03/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

900MHz Band:

Modulation	Test Modes	Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)			Limit (dBm/3kHz)
			Chain 0	Chain 2	Total	
QPSK	1.4M	904	-0.88	0.37	2.80	≤8.00
		916	-0.85	0.30	2.77	≤8.00
		926	-0.42	0.34	2.99	≤8.00
	10M	909	-4.93	-3.79	-1.31	≤8.00
		915	-4.30	-3.89	-1.08	≤8.00
		921	-4.76	-3.23	-0.92	≤8.00
	20M	914	-7.50	-6.57	-4.00	≤8.00
		915	-7.37	-5.92	-3.57	≤8.00
		916	-7.61	-6.49	-4.00	≤8.00
16-QAM	1.4M	904	-0.39	1.47	3.65	≤8.00
		916	-1.22	0.11	2.51	≤8.00
		926	-0.37	0.95	3.35	≤8.00
	10M	909	-5.36	-3.72	-1.45	≤8.00
		915	-5.23	-3.87	-1.49	≤8.00
		921	-5.87	-3.30	-1.39	≤8.00
	20M	914	-7.35	-6.60	-3.95	≤8.00
		915	-7.26	-6.65	-3.93	≤8.00
		916	-7.21	-6.37	-3.76	≤8.00

Note:

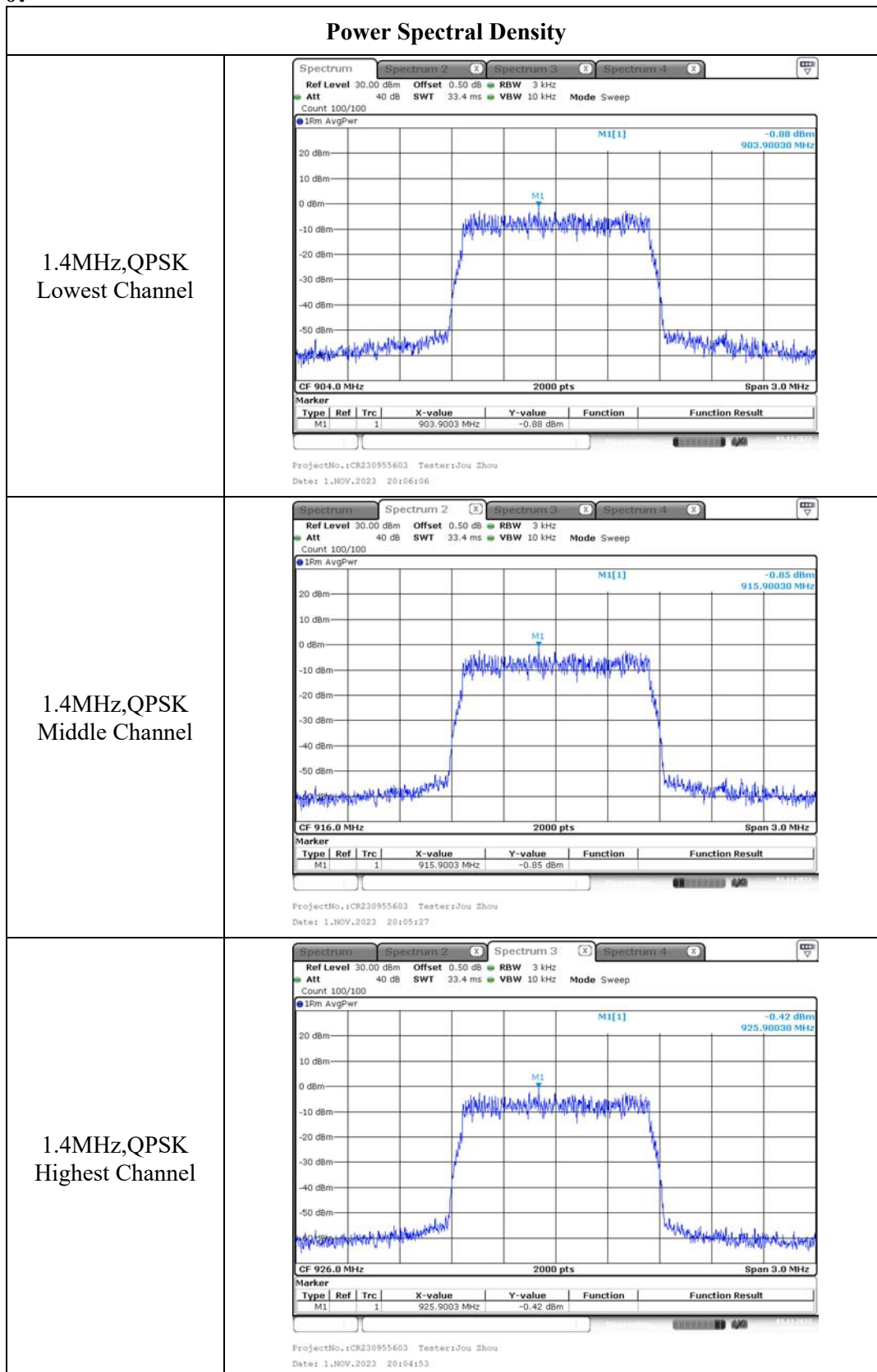
The Maximum antenna gain is 0.3dBi and the direction antenna gain is 3.3dBi.

2.4GHz band:

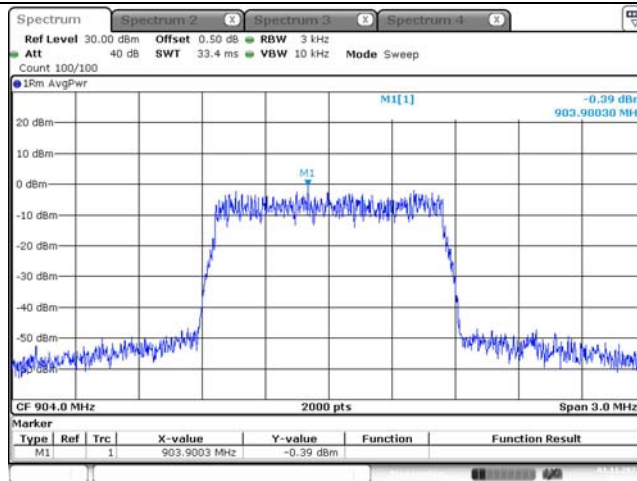
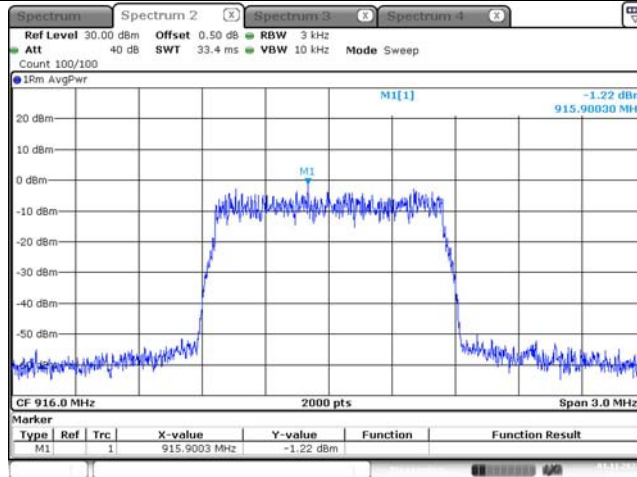
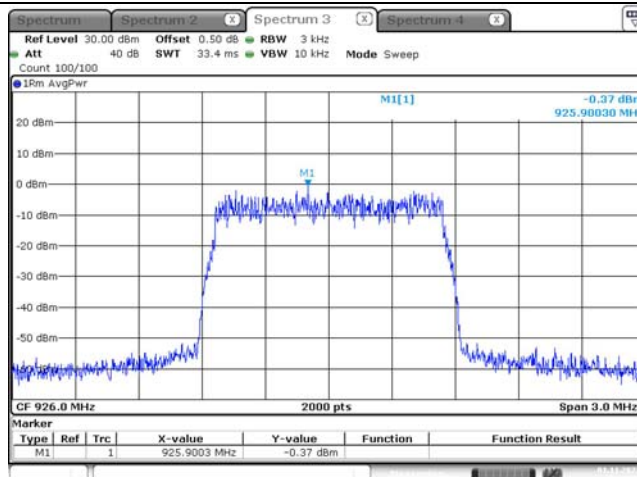
Modulation	Test Modes	Test Frequency (MHz)	Power Spectral Density (dBm/3kHz)			Limit (dBm/3kHz)
			Chain 0	Chain 2	Total	
QPSK	1.4M	2403.5	4.94	4.93	7.95	≤8.00
		2439.5	4.76	4.66	7.72	≤8.00
		2475.5	4.37	4.55	7.47	≤8.00
	10M	2407.5	-9.86	-9.96	-6.90	≤8.00
		2439.5	-9.64	-9.63	-6.62	≤8.00
		2471.5	-10.34	-9.71	-7.00	≤8.00
	20M	2412.5	-10.86	-11.34	-8.08	≤8.00
		2437.5	-11.43	-11.51	-8.46	≤8.00
		2462.5	-11.45	-11.49	-8.46	≤8.00
16-QAM	1.4M	2403.5	5.01	4.78	7.91	≤8.00
		2439.5	4.85	4.70	7.79	≤8.00
		2475.5	4.40	4.23	7.33	≤8.00
	10M	2407.5	-7.66	-7.63	-4.63	≤8.00
		2439.5	-7.74	-7.52	-4.62	≤8.00
		2471.5	-9.76	-9.82	-6.78	≤8.00
	20M	2412.5	-11.20	-11.55	-8.36	≤8.00
		2437.5	-9.38	-9.66	-6.51	≤8.00
		2462.5	-9.79	-9.4	-6.58	≤8.00

Note:

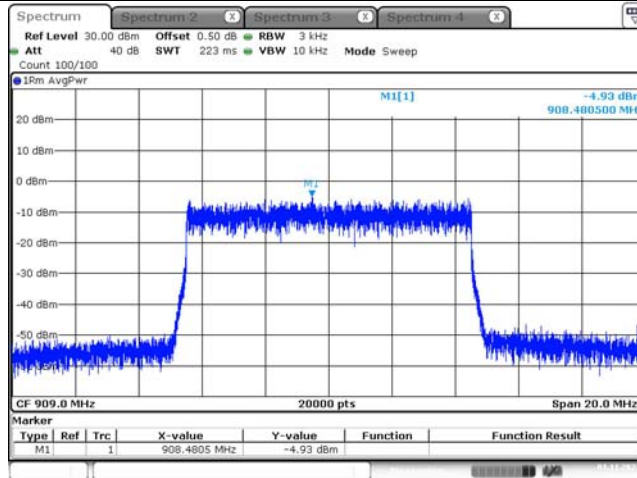
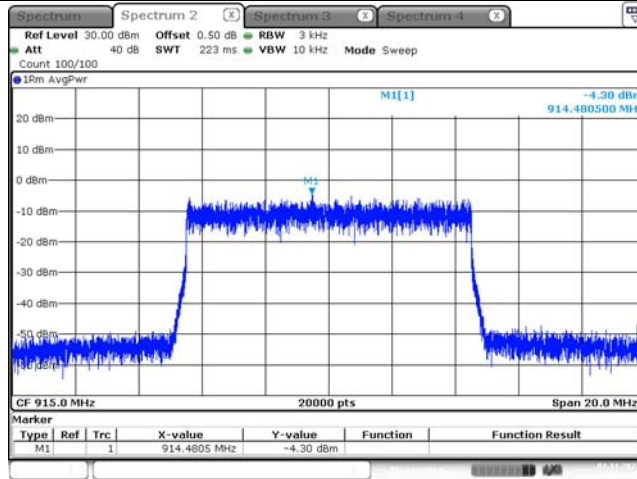
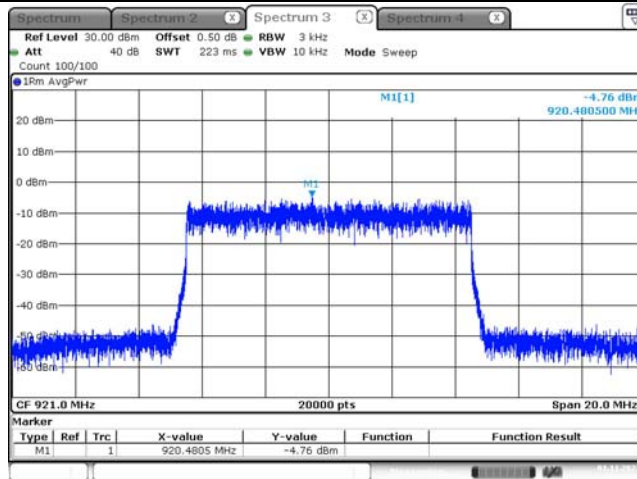
The Maximum antenna gain is 1.7dBi and the direction antenna gain is 4.7dBi.

**900MHz Band:
Chain 0:**

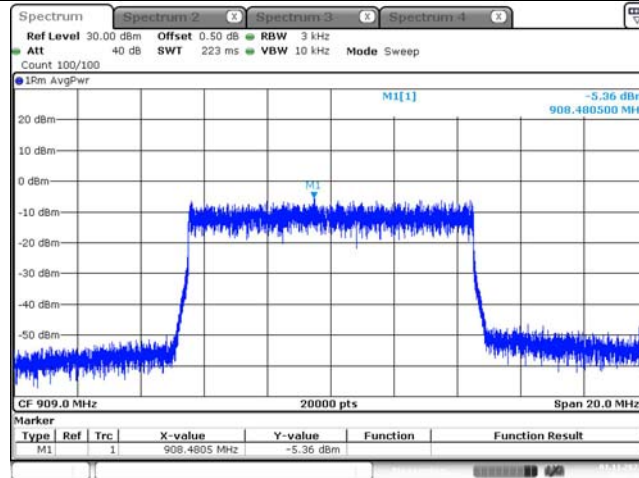
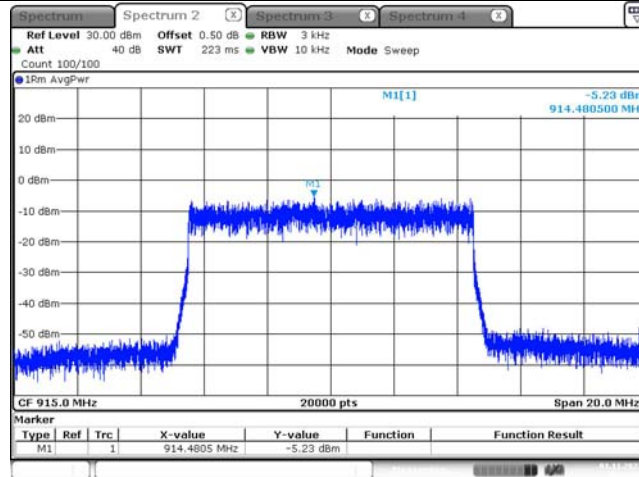
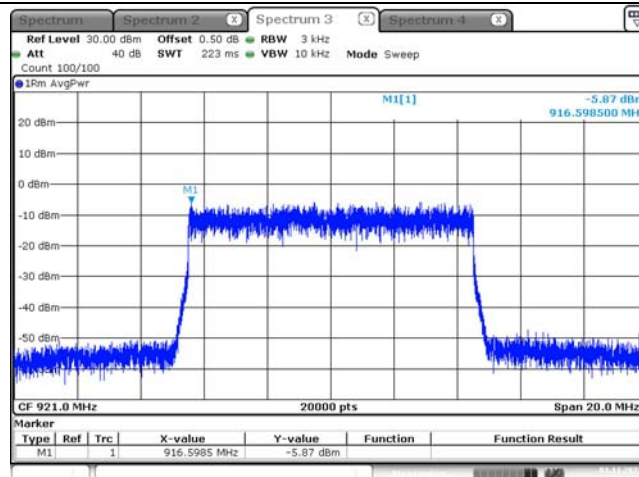
Power Spectral Density

1.4MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:12:331.4MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:13:471.4MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:09:10

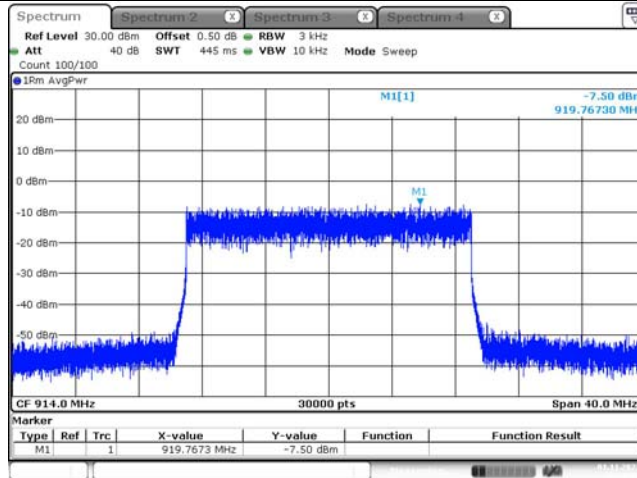
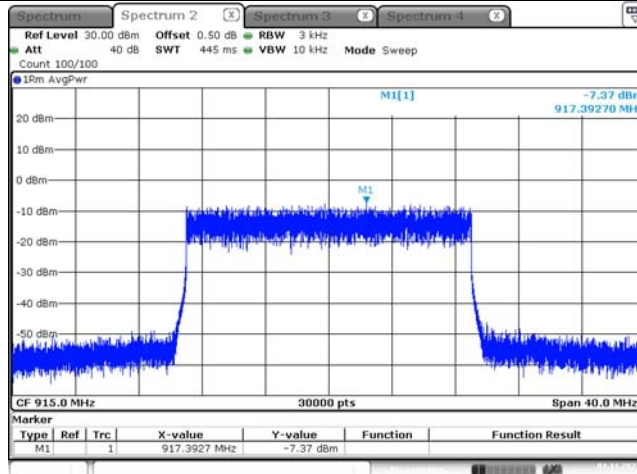
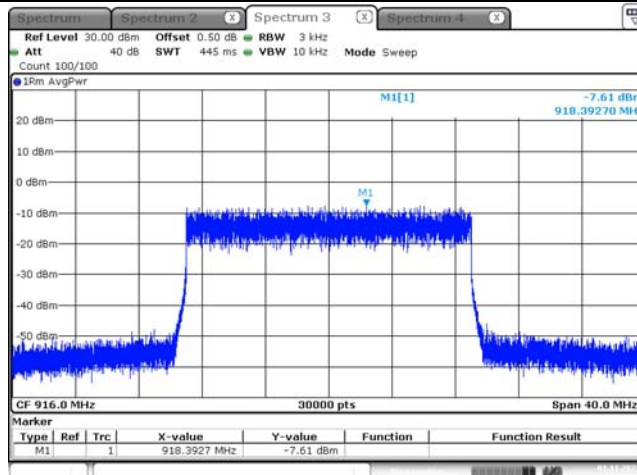
Power Spectral Density

10MHz,QPSK
Lowest Channel10MHz,QPSK
Middle Channel10MHz,QPSK
Highest Channel

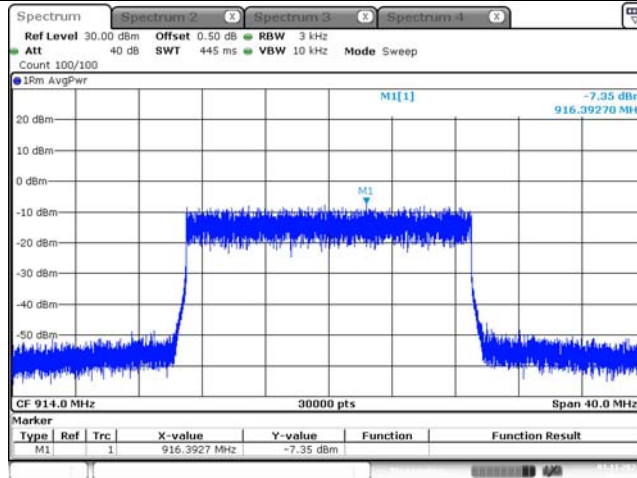
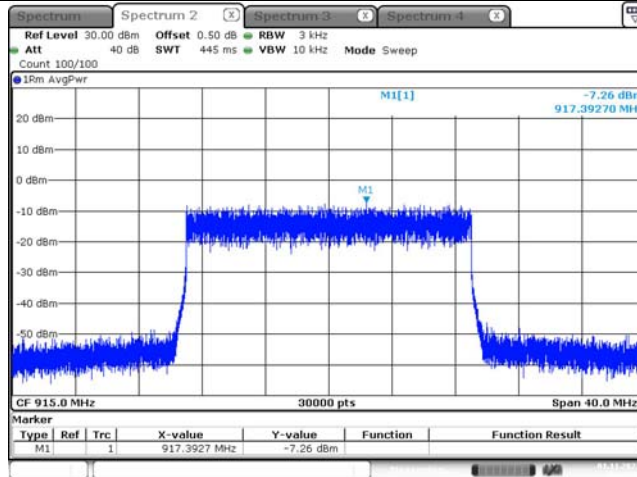
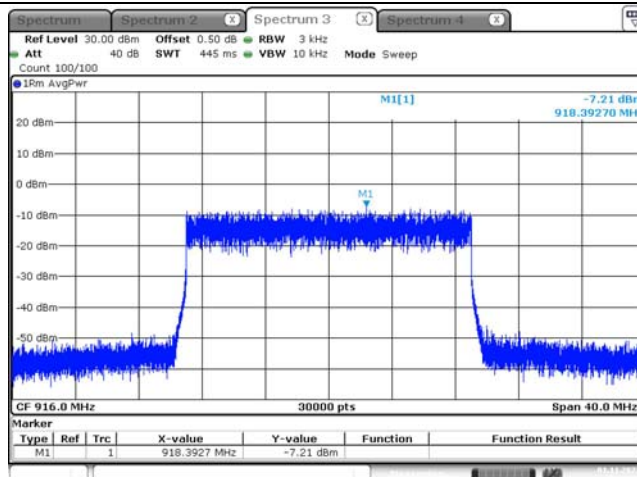
Power Spectral Density

10MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:27:0110MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:23:4710MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:22:24

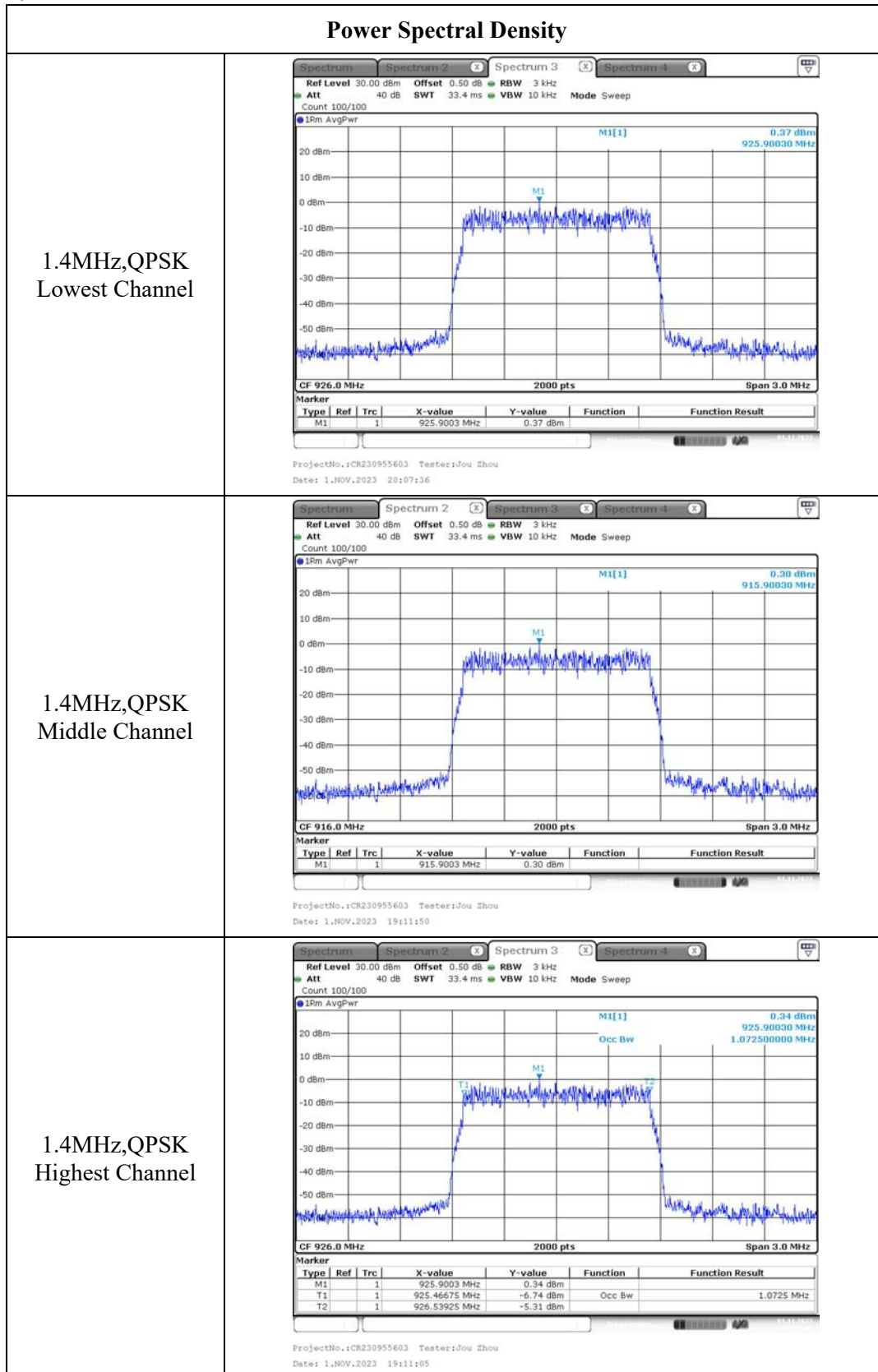
Power Spectral Density

20MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:48:0220MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:46:2520MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:41:20

Power Spectral Density

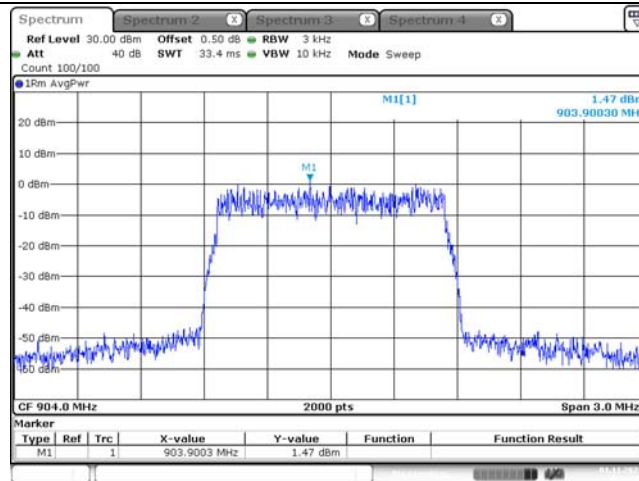
20MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:35:5920MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:40:5020MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:38:33

Chain 2:



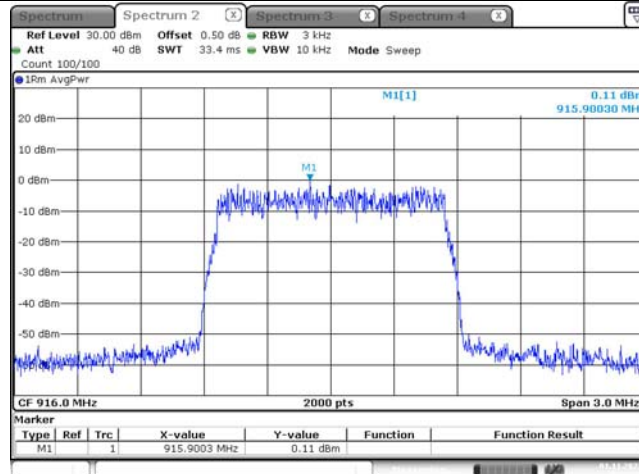
Power Spectral Density

1.4MHz, 16QAM
Lowest Channel



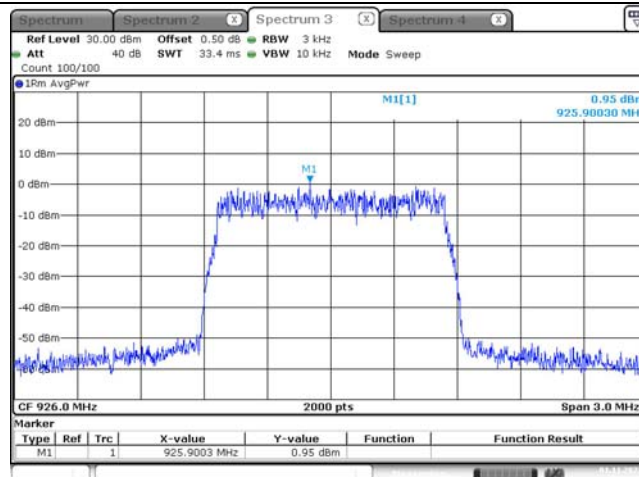
ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:53:08

1.4MHz, 16QAM
Middle Channel



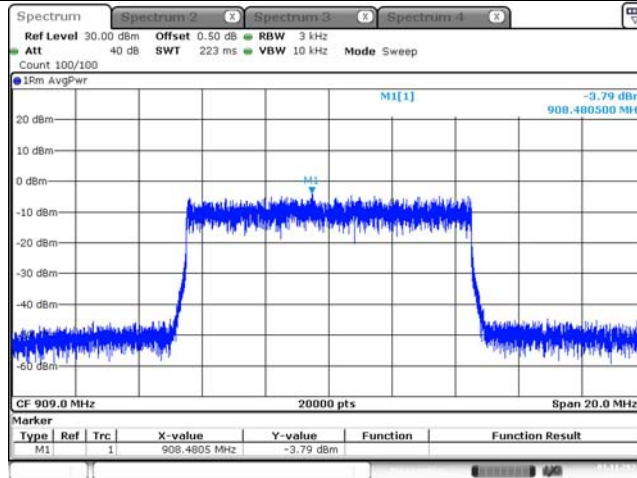
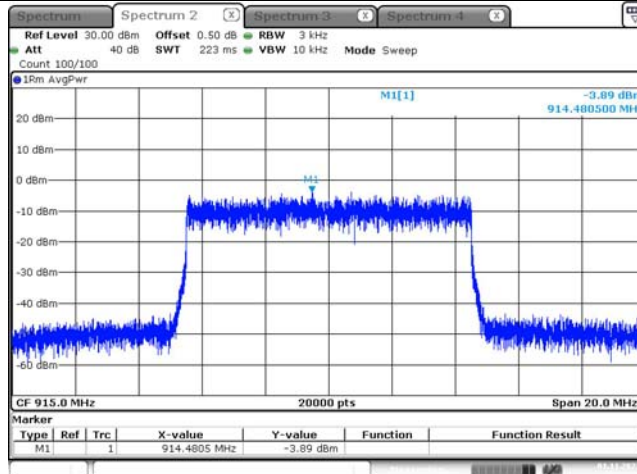
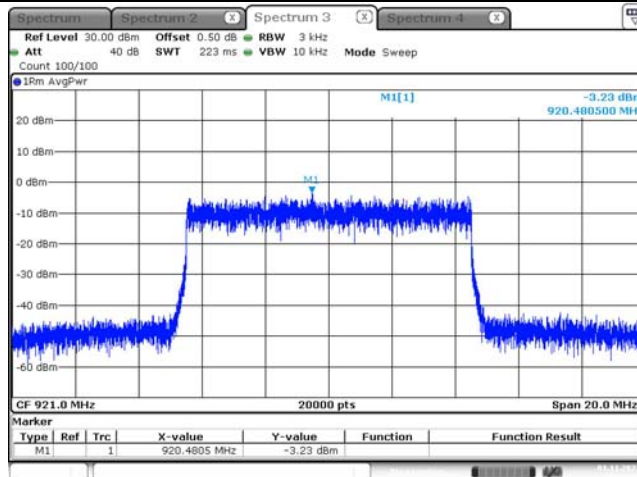
ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:53:53

1.4MHz, 16QAM
Highest Channel

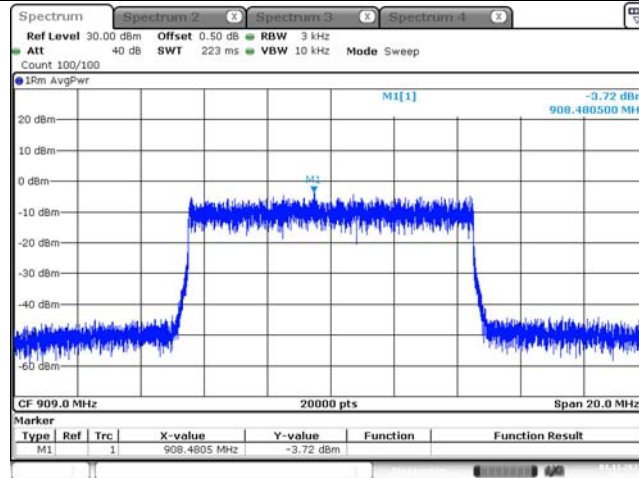
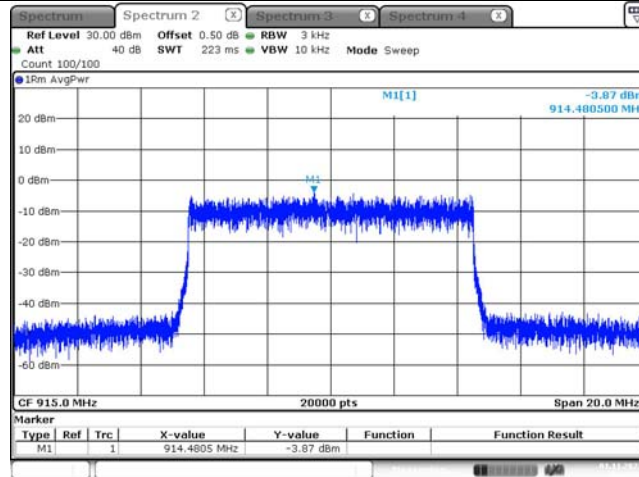
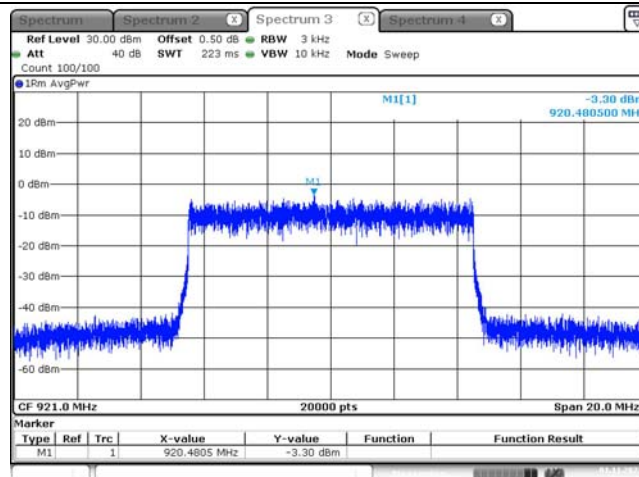


ProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:54:28

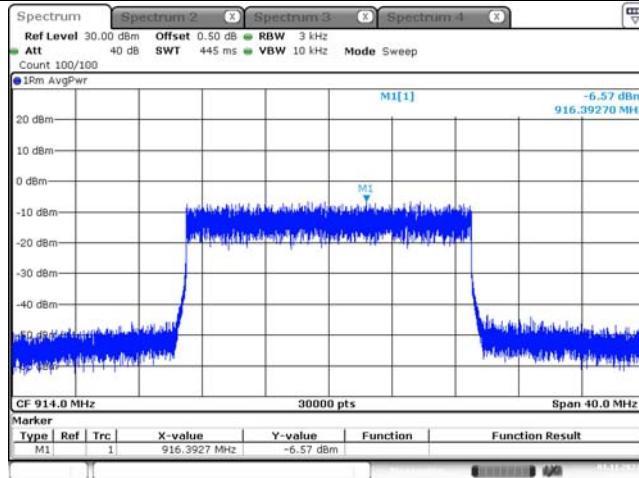
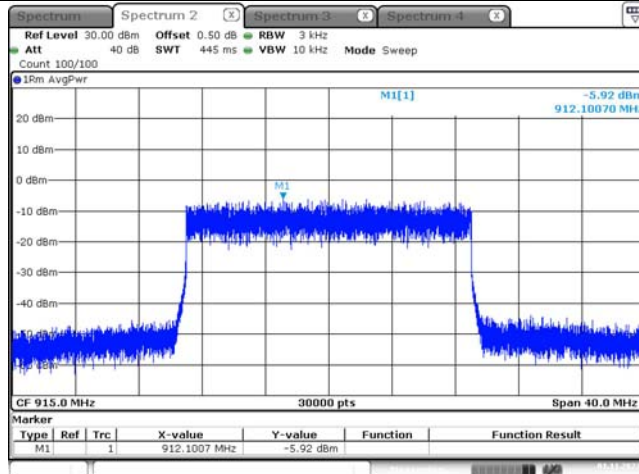
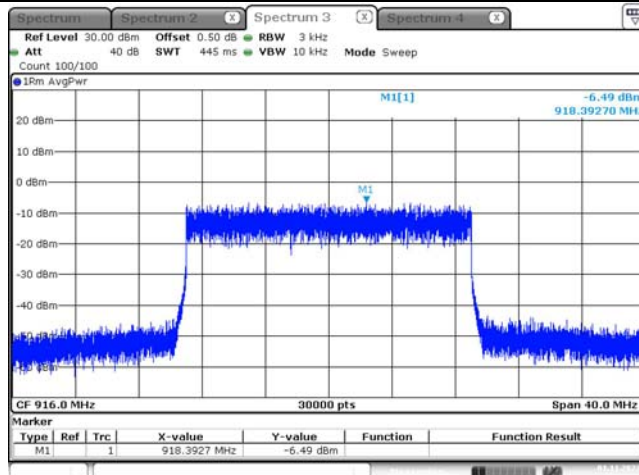
Power Spectral Density

10MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:13:5910MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:19:4410MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:22:11

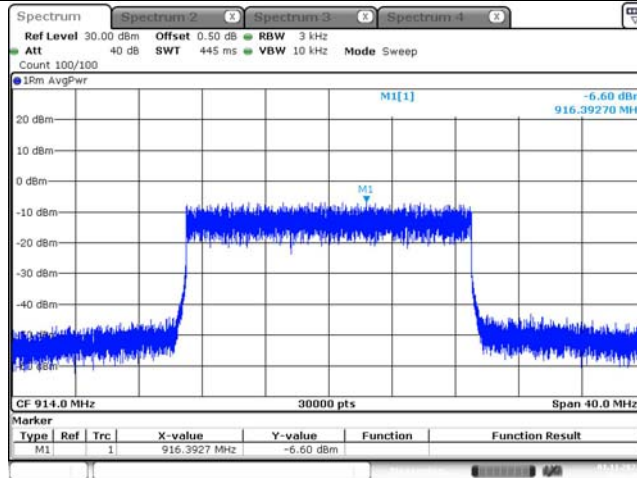
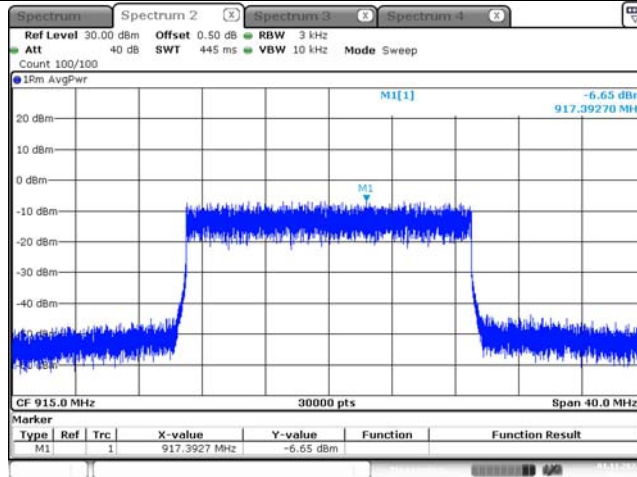
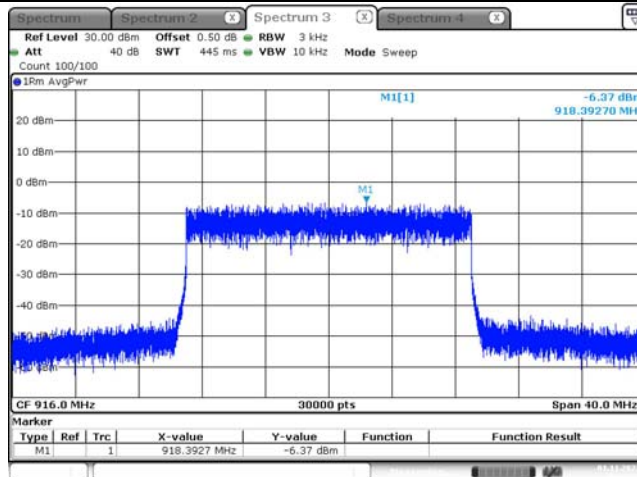
Power Spectral Density

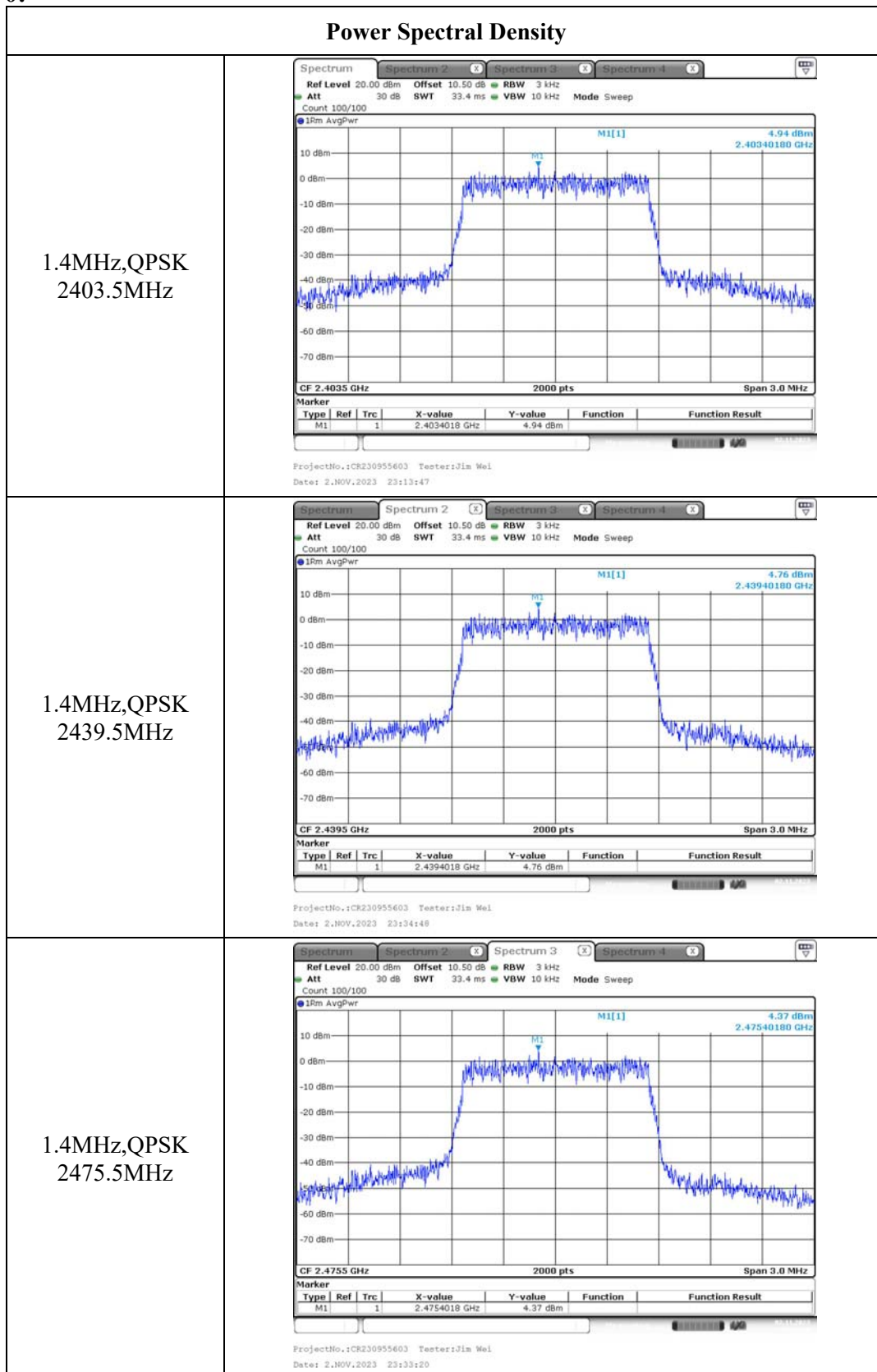
10MHz, 16QAM
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:49:1010MHz, 16QAM
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:49:5810MHz, 16QAM
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 16:50:43

Power Spectral Density

20MHz,QPSK
Lowest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:30:5320MHz,QPSK
Middle ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:32:2520MHz,QPSK
Highest ChannelProjectNo.:CR230955603 Tester:Jou Zhou
Date: 1.NOV.2023 19:34:11

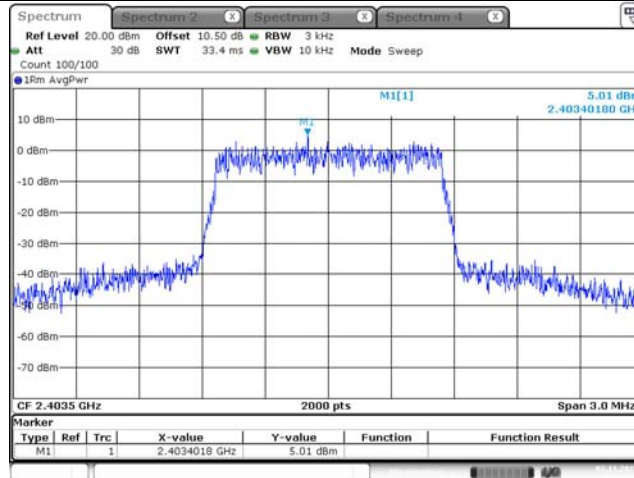
Power Spectral Density

20MHz, 16QAM
Lowest Channel20MHz, 16QAM
Middle Channel20MHz, 16QAM
Highest Channel

**2.4GHz Band:
Chain 0:**

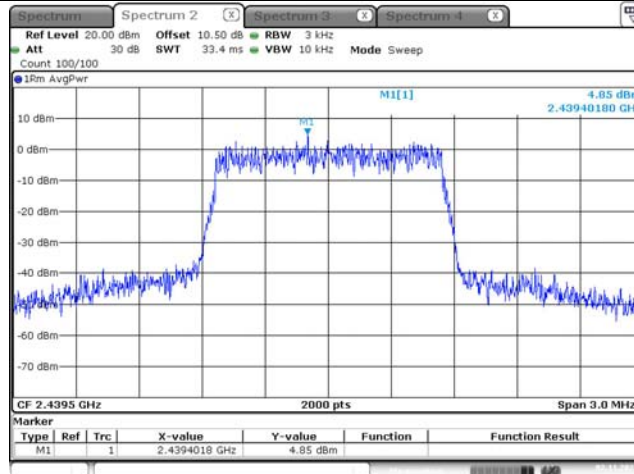
Power Spectral Density

1.4MHz, 16QAM
2403.5MHz



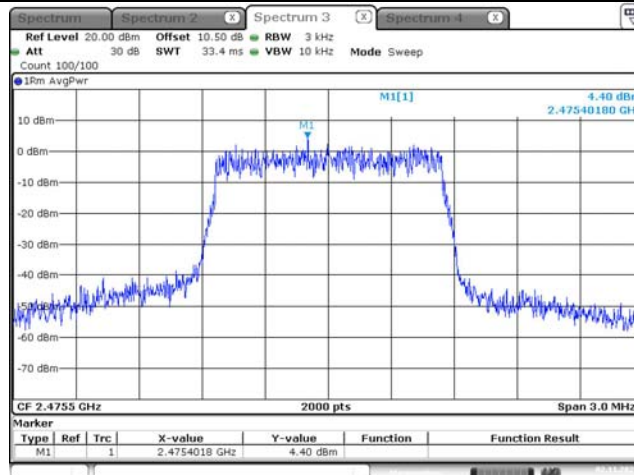
ProjectNo.:CR230955603 Tester:Jim Wei
Date: 2.NOV.2023 23:03:59

1.4MHz, 16QAM
2439.5MHz



ProjectNo.:CR230955603 Tester:Jim Wei
Date: 2.NOV.2023 22:57:40

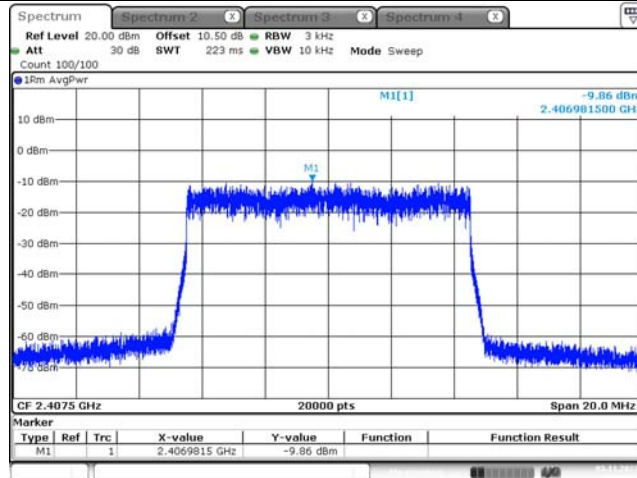
1.4MHz, 16QAM
2475.5MHz



ProjectNo.:CR230955603 Tester:Jim Wei
Date: 2.NOV.2023 22:56:10

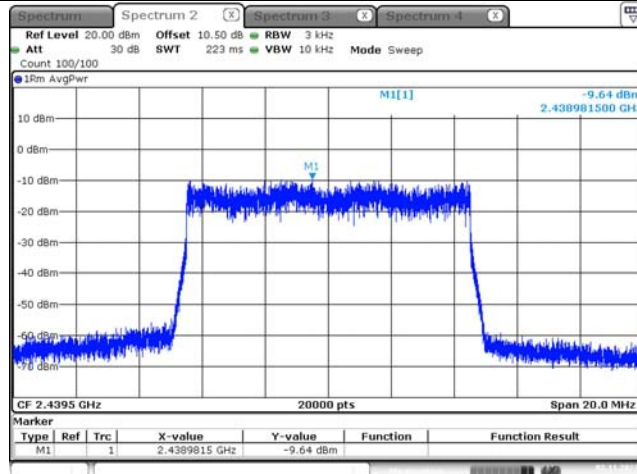
Power Spectral Density

10MHz,QPSK
2407.5MHz



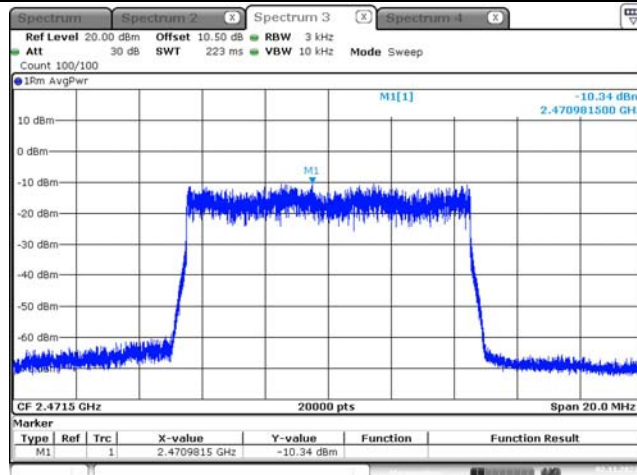
ProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:00:02

10MHz,QPSK
2439.5MHz



ProjectNo.:CR230955603 Tester:Jim Wei
Date: 2.NOV.2023 23:40:51

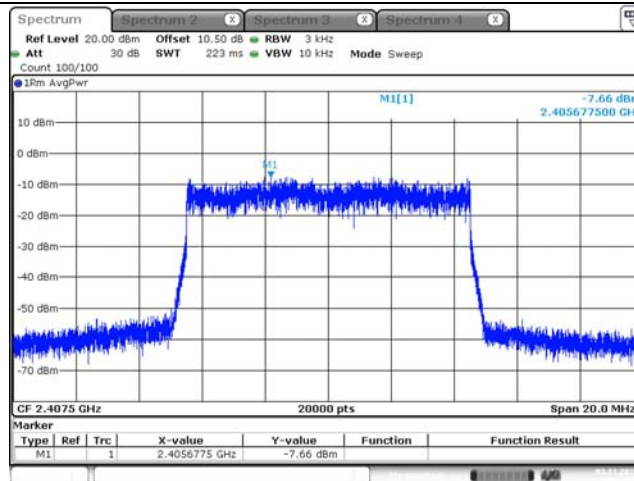
10MHz,QPSK
2471.5MHz



ProjectNo.:CR230955603 Tester:Jim Wei
Date: 2.NOV.2023 23:40:50

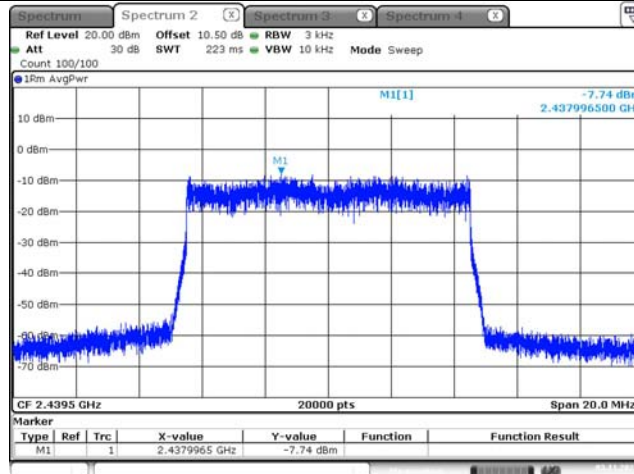
Power Spectral Density

10MHz, 16QAM
2407.5MHz



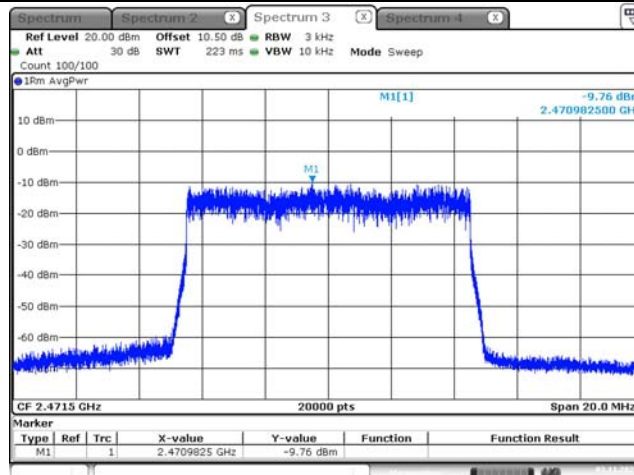
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Date: 3.NOV.2023 00:13:51

10MHz, 16QAM
2439.5MHz



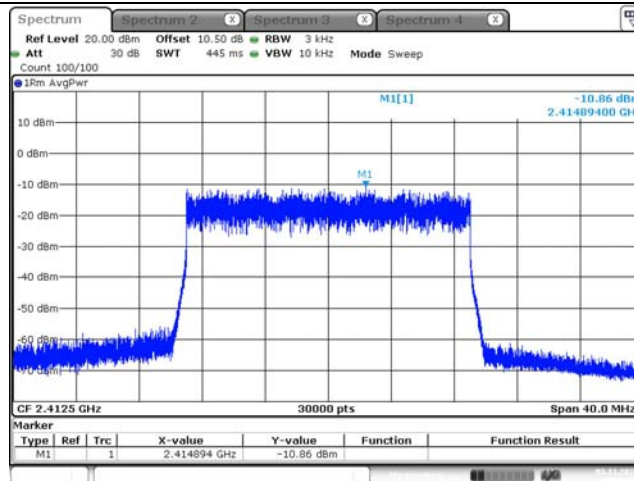
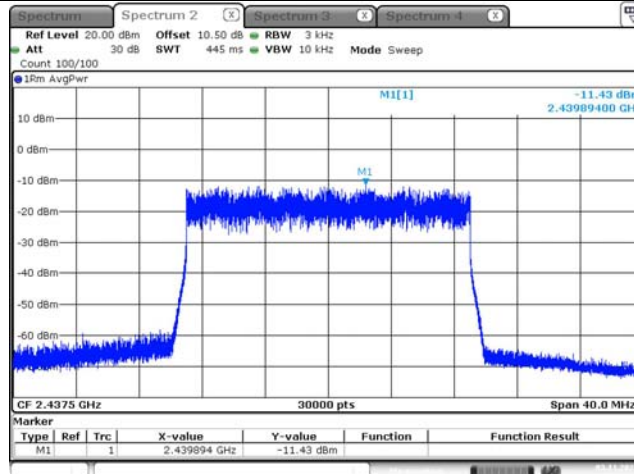
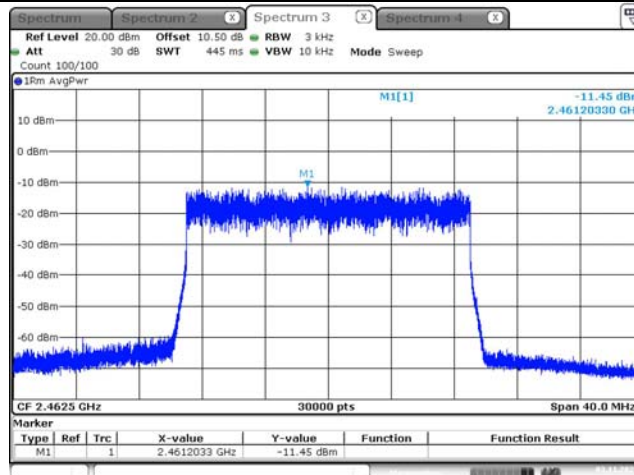
ProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:14:48

10MHz, 16QAM
2471.5MHz



ProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:03:34

Power Spectral Density

20MHz,QPSK
2412.5MHzProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:31:4020MHz,QPSK
2437.5MHzProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:33:2420MHz,QPSK
2462.5MHzProjectNo.:CR230955603 Tester:Jim Wei
Date: 3.NOV.2023 00:36:36