



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)



TEST REPORT

Applicant: PO FUNG ELECTRONIC (HK) INTERNATIONAL GROUP COMPANY LIMITED

Address: Room 1508, 15/F, Office Tower II, Grand Plaza, 625 Nathan Road, Kowloon, Hong Kong

FCC ID: 2AJGM-UV20R

Product Name: Amateur Radio

**Standard(s): 47 CFR Part 15 Subpart B
ANSI C63.4-2014**

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: CR230633405-00A

Date Of Issue: 2023/9/29

Reviewed By: Julie Tan
Title: RF Engineer

Julie Tan

Approved By: Sun Zhong
Title: Manager

Sun Zhong

Test Laboratory: China Certification ICT Co., Ltd (Dongguan)

No. 113, Pingkang Road, Dalang Town, Dongguan,
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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	CR230633405-00A	Original Report	2023/9/29

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

Product Name:	Amateur Radio
Test Model:	UV-20R
Multiple Models:	BF-20R, UV-20H, UV-20M, UV-20L
Highest Operation Frequency:	520MHz
Rated Input Voltage:	DC 7.4V from battery
Serial Number:	26T7-1
EUT Received Date:	2023/6/13
EUT Received Status:	Good
Note: The Multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer.	

Accessory Information:

No.

Operation Frequency And Test Channel:

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
VHF Receiving	136-174	136.0125, 155, 173.9875
UHF Receiving	400-520	400.0125, 460, 519.9875
Scanning	136-174 400-520	/

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

EUT Operation Mode:	The system was configured for testing in Typical Use Mode, which was provided by the manufacturer. Test Mode: M1: Charging& Scanning (136-520) M2: Charging& Receiving(136.0125;155;173.9875; 400.0125; 460;519.9875)
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Agilent	MXG Vector Signal Generator	N5182B	MY51350142
PO FUNG	earphone	480	4801

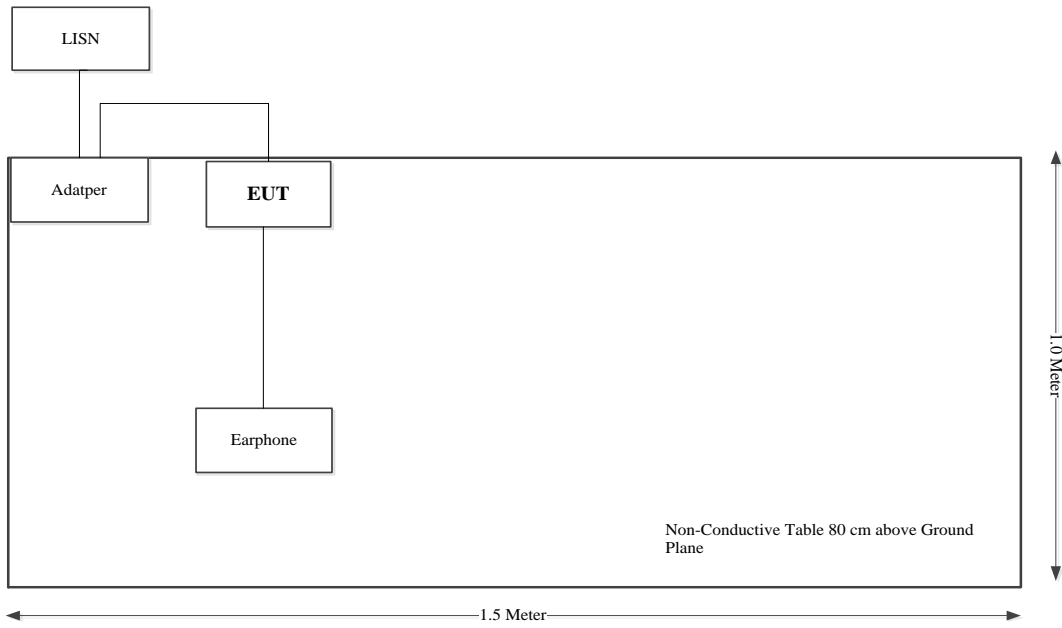
1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
antenna cable	No	No	1.5	antenna	N5182B
power cable	No	No	0.9	adapter	EUT
earphone cable	No	No	1	earphone	EUT

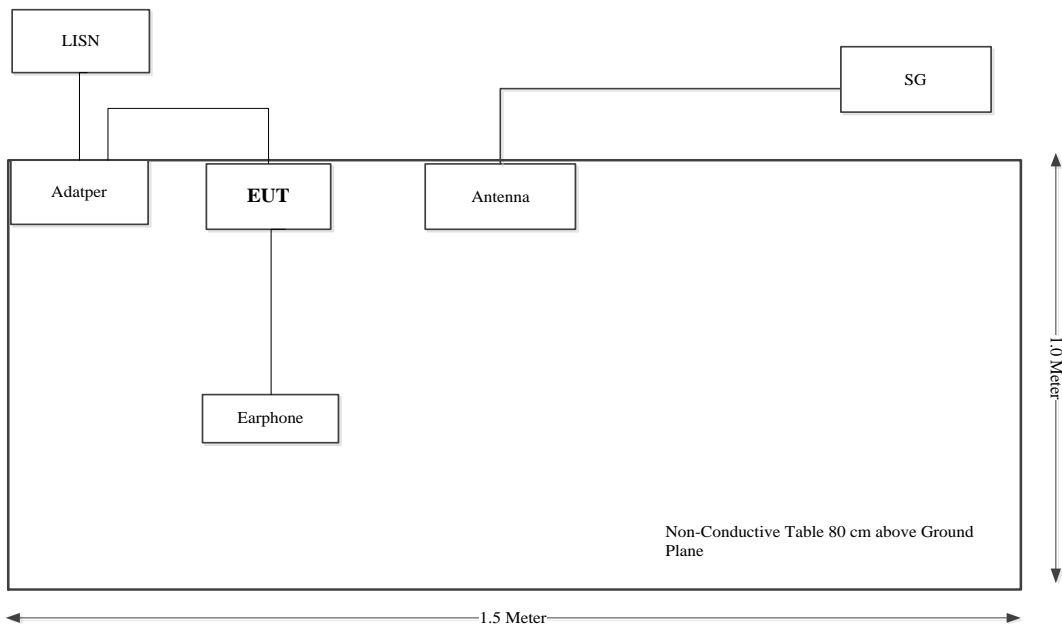
1.2.4 Block Diagram of Test Setup

CE:

M1:

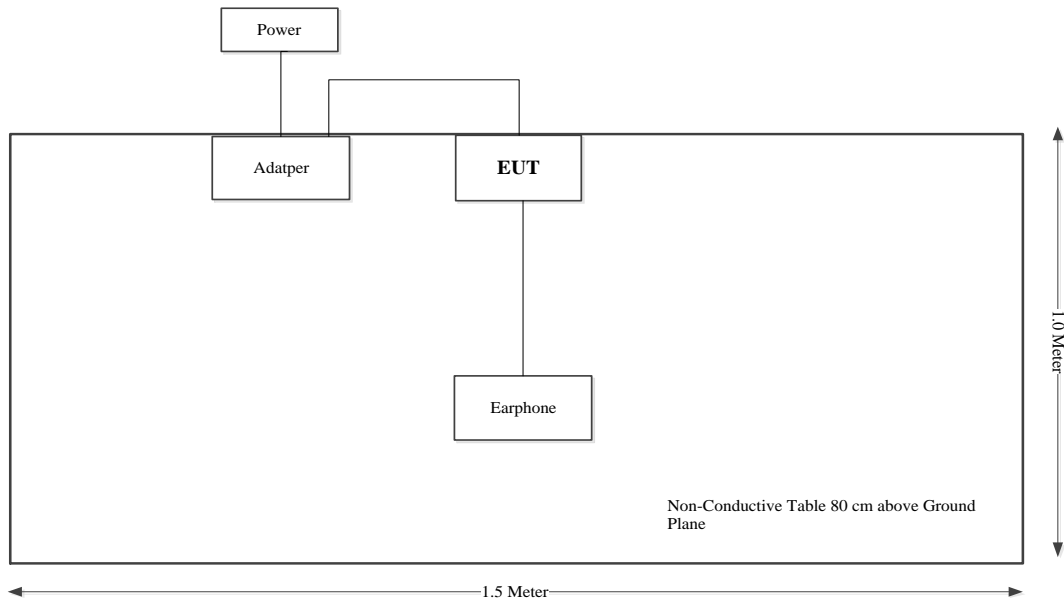


M2:

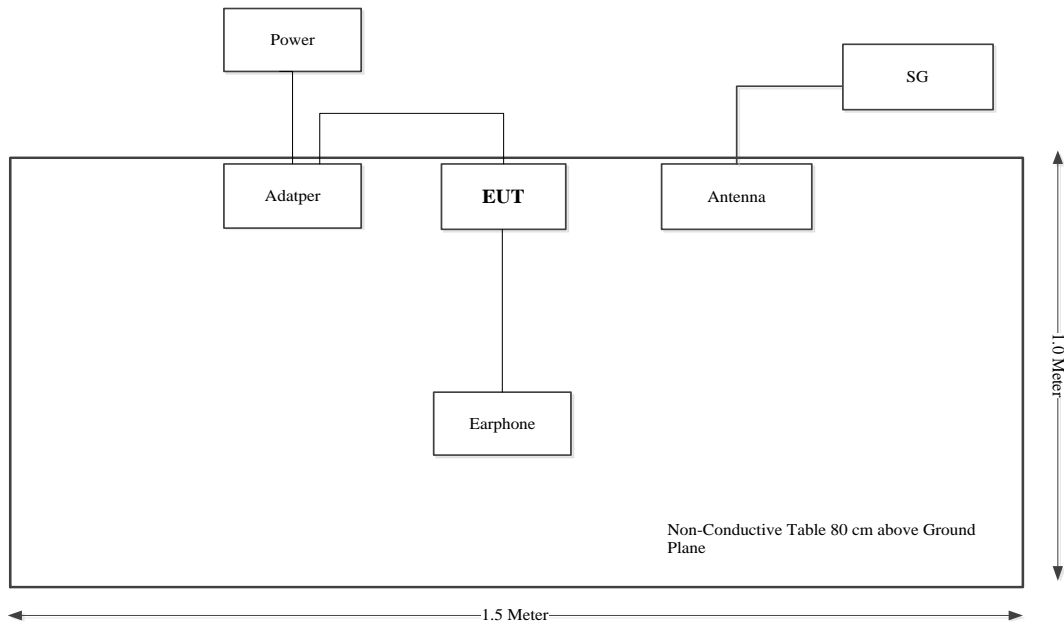


RE:

M1:



M2:



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
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
Temperature	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

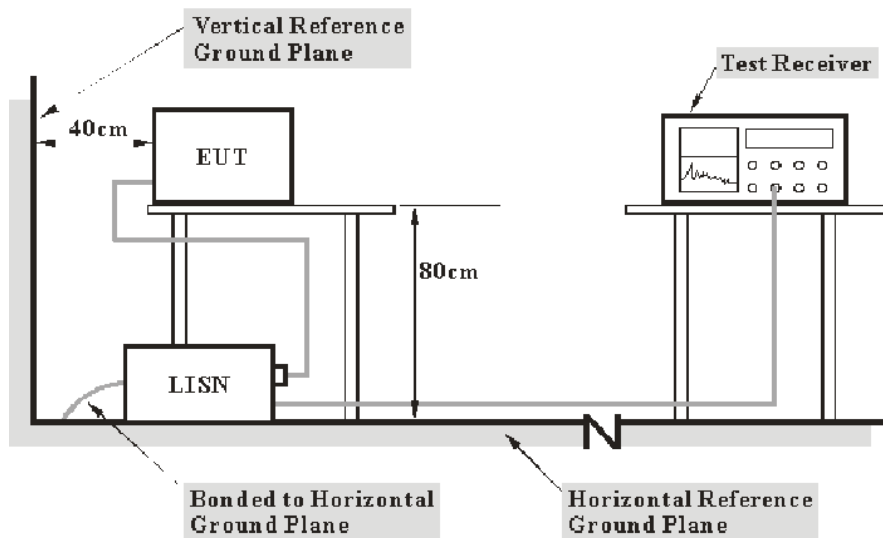
2. SUMMARY OF TEST RESULTS

Standard(s) Section	Description of Test	Result
§15.107	Conducted emissions	Compliant
§15.109	Radiated emissions	Compliant
§15.111	Antenna power conduction limits for receivers	Compliant
§15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 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 C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B 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 adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.2 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

3.1.3 Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT, the report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

All data was recorded in the Quasi-peak and average detection mode.

The report shall list the six emissions with the smallest margin relative to the limit, unless the margin is greater than 20 dB.

3.1.4 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

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

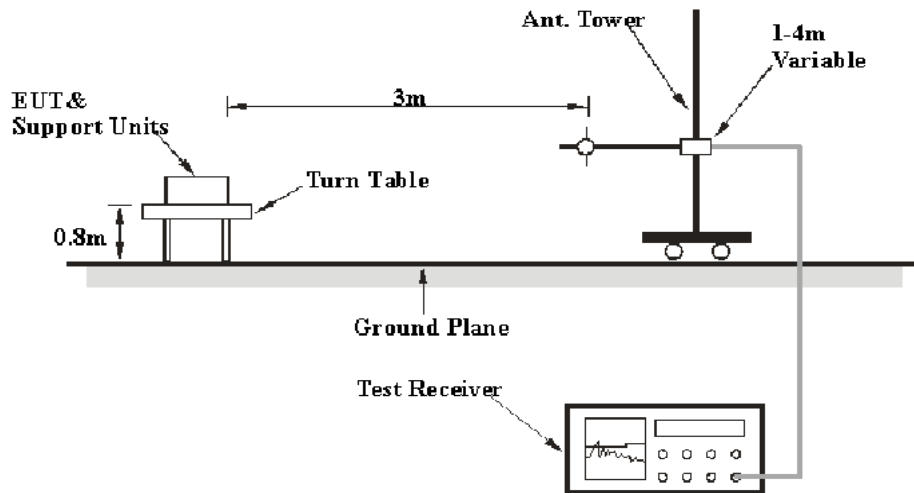
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

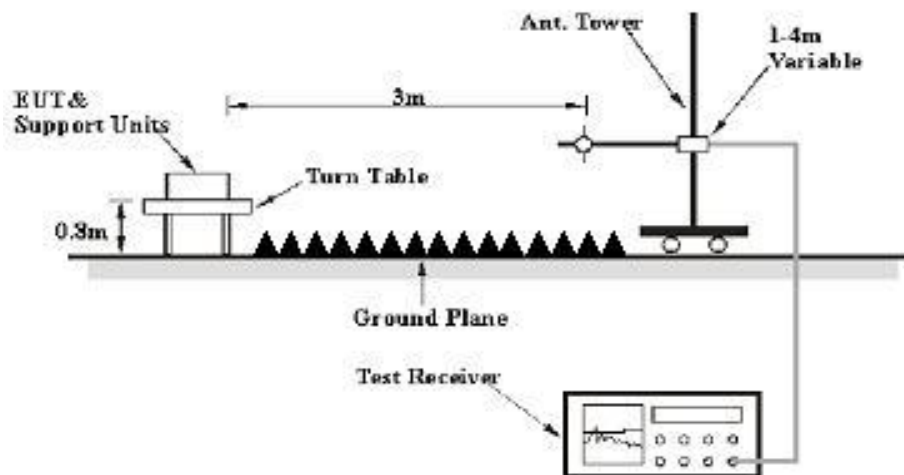
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

3.2.2 Equipment Setup

The system was investigated from 30 MHz to 5 GHz.

During the radiated emission test, the test equipment was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	10Hz	/	AVG

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

3.2.3 Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

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

The data was recorded in the Quasi-peak detection mode for below 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

3.2.4 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 Antenna Power Conduction Limits for Receivers

3.3.1 Applicable Standard

FCC §15.111.

(a) In addition to the radiated emission limits, receivers that operate (tune) in the frequency range 30 to 960 MHz and CB receivers that provide terminals for the connection of an external receiving antenna may be tested to demonstrate compliance with the provisions of § 15.109 with the antenna terminals shielded and terminated with a resistive termination equal to the impedance specified for the antenna, provided these receivers also comply with the following: With the receiver antenna terminal connected to a resistive termination equal to the impedance specified or employed for the antenna, the power at the antenna terminal at any frequency within the range of measurements specified in § 15.33 shall not exceed 2.0 nanowatts.

Test Procedure

EUT antenna port connected to a spectrum analyzer, the traces were recorded as shown on the data pages.

3.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

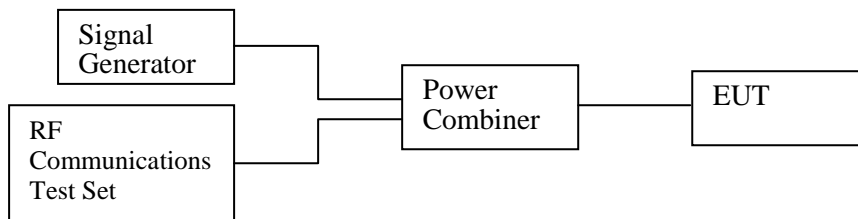
Applicable Standard

FCC §15.121(b).

(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

Test Procedure

1. Connected the EUT as the below block diagram;



2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
4. Adjust the Signal Generator output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the Signal Generator at each channel frequency is the sensitivity of the EUT;
5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

4. TEST DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	26T7-1	Test Date:	2023/06/26
Test Site:	CE	Test Mode:	M1-M2
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	25.5	Relative Humidity: (%)	65	ATM Pressure: (kPa)	100.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/03/31	2024/03/30
R&S	EMI Test Receiver	ESR3	102726	2022/07/15	2023/07/14
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2022/08/07	2023/08/06
Audix	Test Software	E3	190306 (V9)	N/A	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 Mode: MI

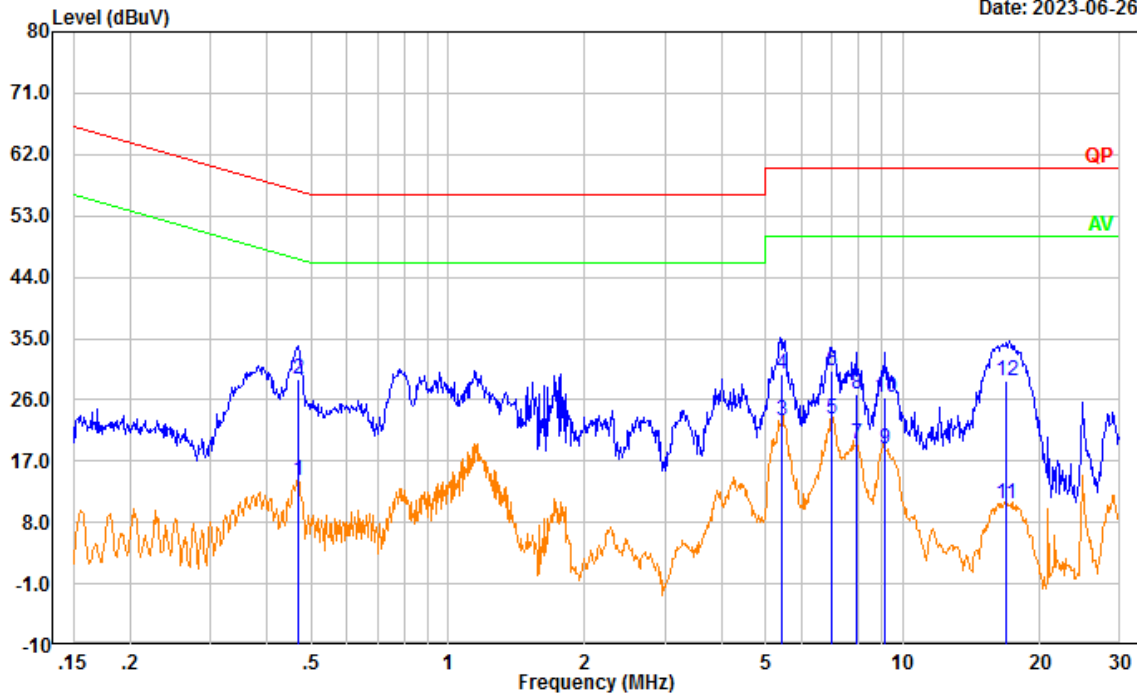
Project No.: CR230633405-RF

Tester: David Huang

Port: Line

Note:

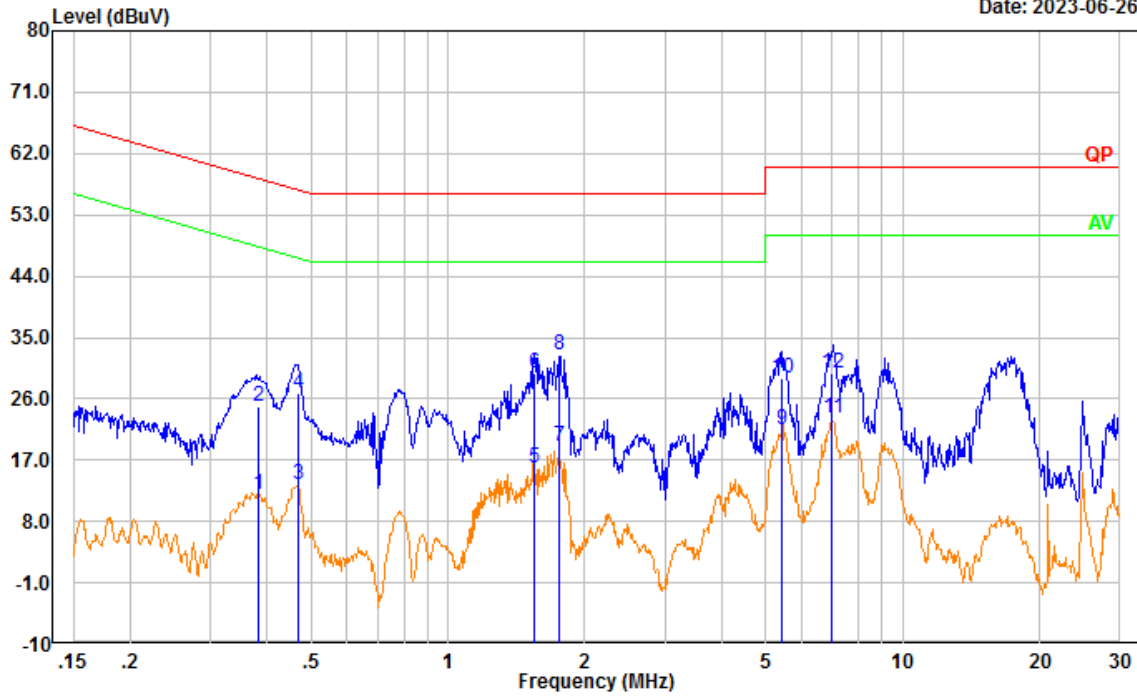
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.469	4.60	9.61	14.21	46.54	32.33	Average
2	0.469	19.33	9.61	28.94	56.54	27.60	QP
3	5.436	13.16	9.66	22.82	50.00	27.18	Average
4	5.436	20.20	9.66	29.86	60.00	30.14	QP
5	6.985	13.60	9.66	23.26	50.00	26.74	Average
6	6.985	20.48	9.66	30.14	60.00	29.86	QP
7	7.920	9.87	9.67	19.54	50.00	30.46	Average
8	7.920	17.07	9.67	26.74	60.00	33.26	QP
9	9.125	9.08	9.67	18.75	50.00	31.25	Average
10	9.125	16.55	9.67	26.22	60.00	33.78	QP
11	16.877	0.92	9.73	10.65	50.00	39.35	Average
12	16.877	19.05	9.73	28.78	60.00	31.22	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26

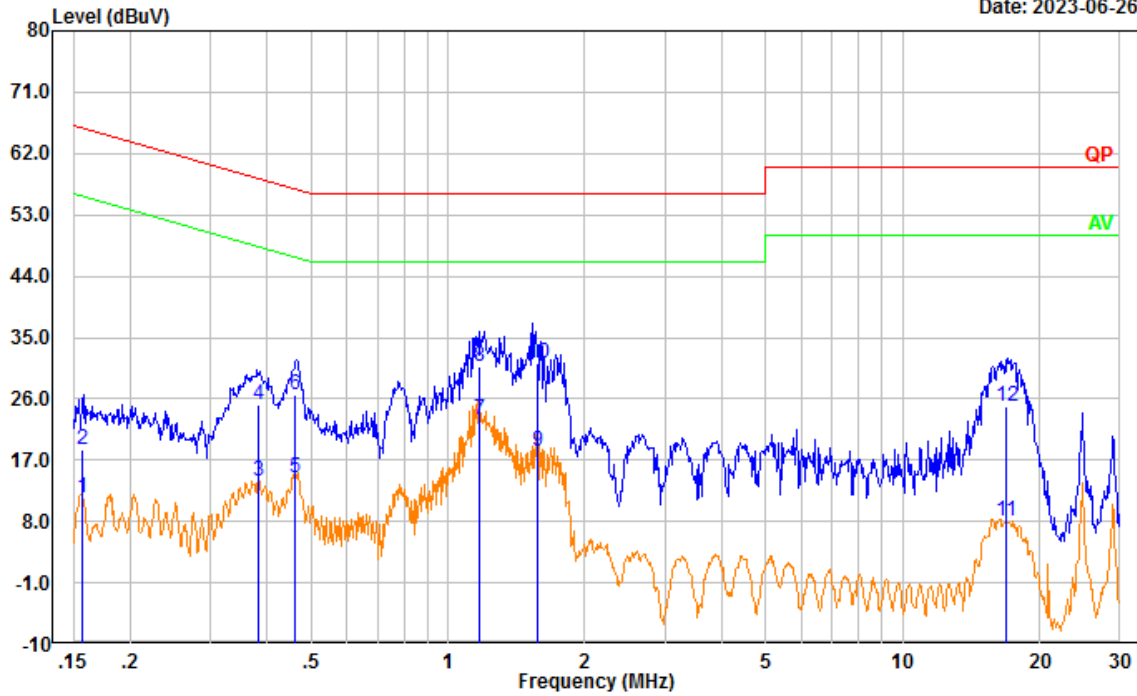


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.384	2.33	9.61	11.94	48.19	36.25	Average
2	0.384	15.32	9.61	24.93	58.19	33.26	QP
3	0.467	3.76	9.61	13.37	46.57	33.20	Average
4	0.467	17.24	9.61	26.85	56.57	29.72	QP
5	1.553	6.24	9.63	15.87	46.00	30.13	Average
6	1.553	20.02	9.63	29.65	56.00	26.35	QP
7	1.758	9.46	9.63	19.09	46.00	26.91	Average
8	1.758	22.80	9.63	32.43	56.00	23.57	QP
9	5.436	11.93	9.66	21.59	50.00	28.41	Average
10	5.436	19.41	9.66	29.07	60.00	30.93	QP
11	6.997	13.55	9.66	23.21	50.00	26.79	Average
12	6.997	20.00	9.66	29.66	60.00	30.34	QP

Test Mode: M2 (RX 136.0125MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

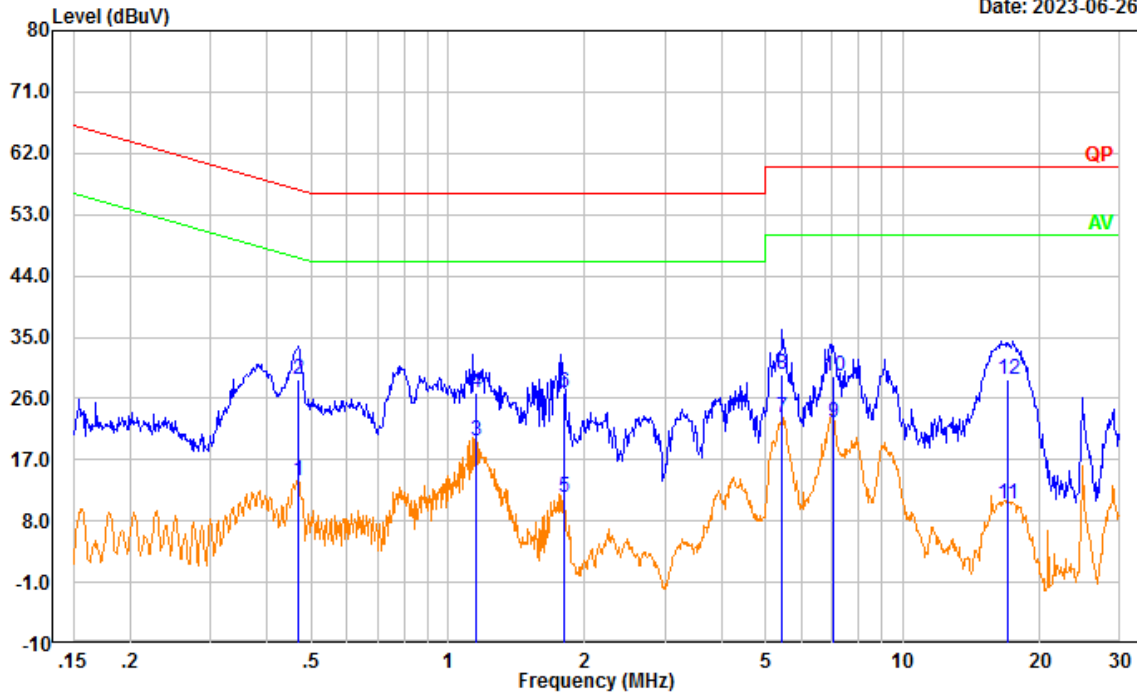
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.157	1.81	9.61	11.42	55.64	44.22	Average
2	0.157	8.90	9.61	18.51	65.64	47.13	QP
3	0.383	4.23	9.61	13.84	48.22	34.38	Average
4	0.383	15.55	9.61	25.16	58.22	33.06	QP
5	0.459	4.68	9.61	14.29	46.70	32.41	Average
6	0.459	16.90	9.61	26.51	56.70	30.19	QP
7	1.170	13.25	9.62	22.87	46.00	23.13	Average
8	1.170	21.23	9.62	30.85	56.00	25.15	QP
9	1.578	8.59	9.63	18.22	46.00	27.78	Average
10	1.578	21.54	9.63	31.17	56.00	24.83	QP
11	16.866	-1.58	9.73	8.15	50.00	41.85	Average
12	16.866	15.16	9.73	24.89	60.00	35.11	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26

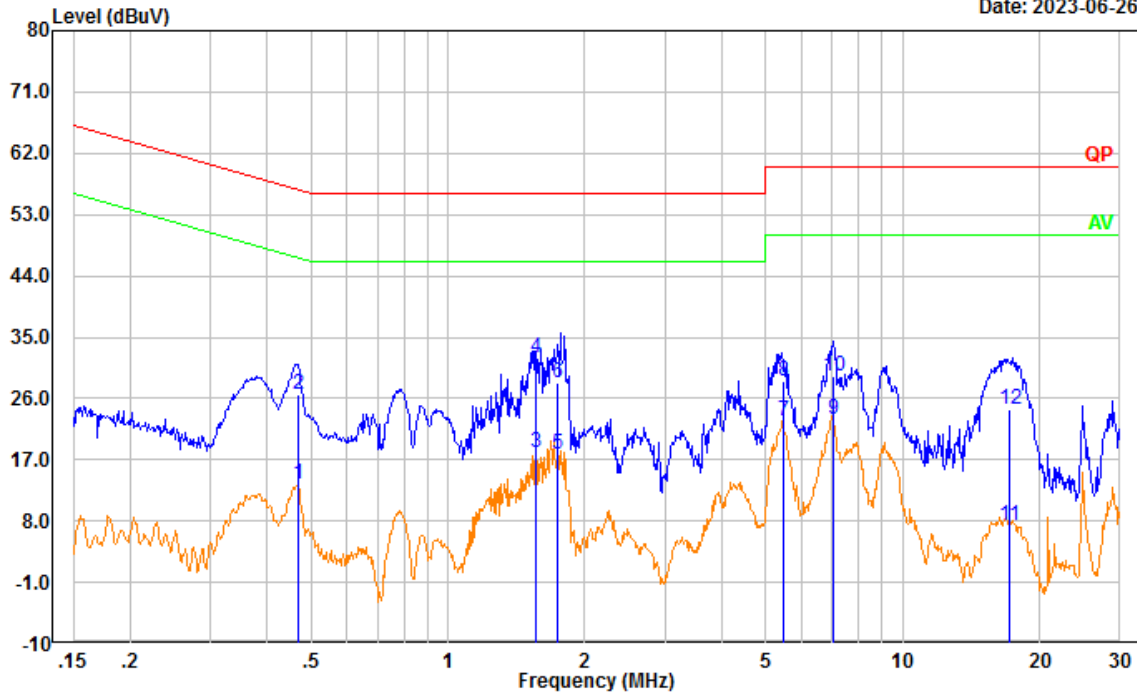


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	4.40	9.61	14.01	46.57	32.56	Average
2	0.467	19.24	9.61	28.85	56.57	27.72	QP
3	1.155	10.03	9.62	19.65	46.00	26.35	Average
4	1.155	17.22	9.62	26.84	56.00	29.16	QP
5	1.805	1.84	9.63	11.47	46.00	34.53	Average
6	1.805	17.29	9.63	26.92	56.00	29.08	QP
7	5.419	13.42	9.66	23.08	50.00	26.92	Average
8	5.419	19.94	9.66	29.60	60.00	30.40	QP
9	7.014	12.86	9.66	22.52	50.00	27.48	Average
10	7.014	19.54	9.66	29.20	60.00	30.80	QP
11	17.025	0.91	9.69	10.60	50.00	39.40	Average
12	17.025	19.19	9.69	28.88	60.00	31.12	QP

Test Mode: M2 (RX 155MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

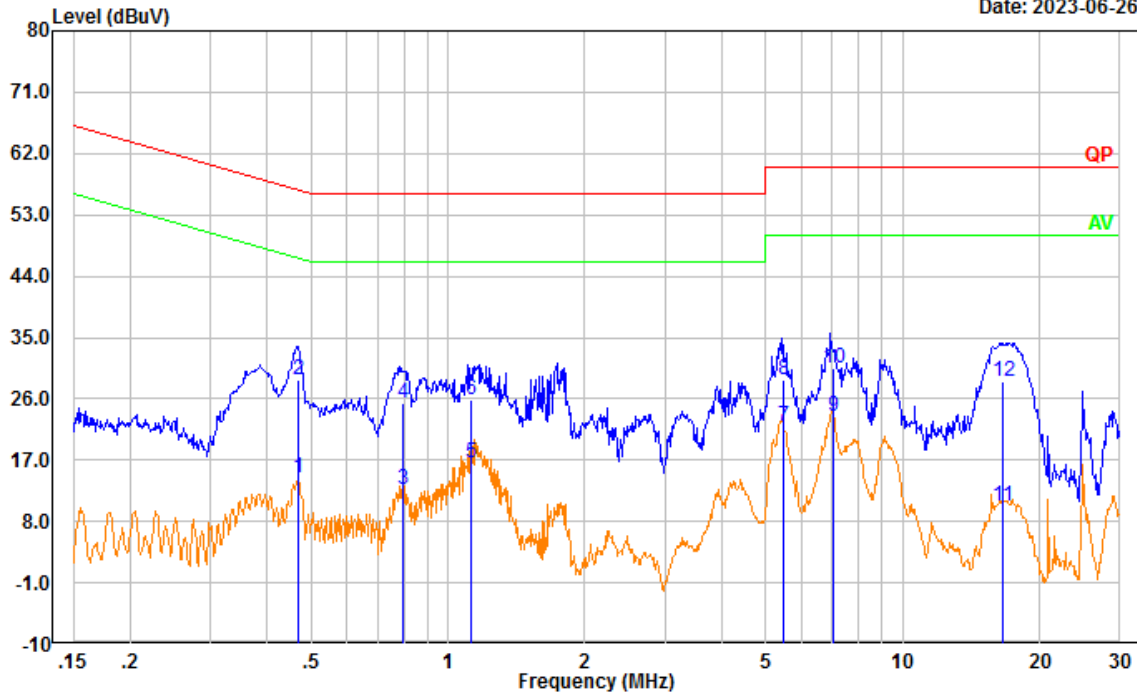
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.468	3.69	9.61	13.30	46.54	33.24	Average
2	0.468	17.01	9.61	26.62	56.54	29.92	QP
3	1.565	8.39	9.63	18.02	46.00	27.98	Average
4	1.565	22.26	9.63	31.89	56.00	24.11	QP
5	1.745	8.29	9.63	17.92	46.00	28.08	Average
6	1.745	18.78	9.63	28.41	56.00	27.59	QP
7	5.455	12.92	9.66	22.58	50.00	27.42	Average
8	5.455	18.91	9.66	28.57	60.00	31.43	QP
9	7.023	13.38	9.66	23.04	50.00	26.96	Average
10	7.023	19.69	9.66	29.35	60.00	30.65	QP
11	17.127	-2.34	9.73	7.39	50.00	42.61	Average
12	17.127	14.56	9.73	24.29	60.00	35.71	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26

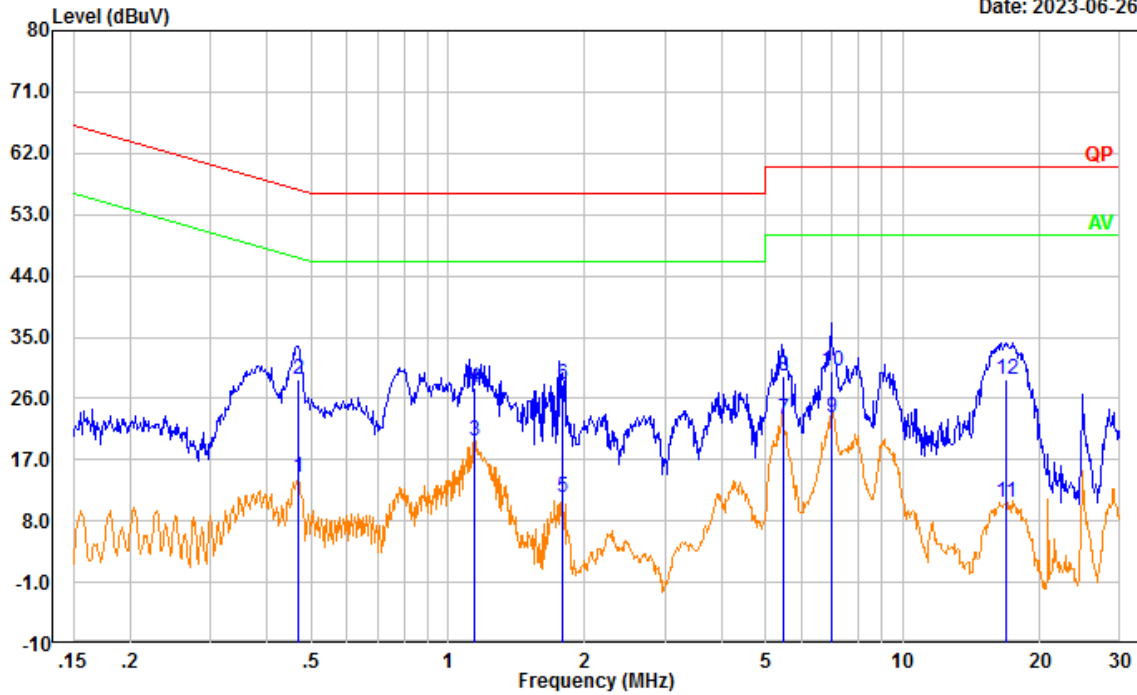


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.470	4.79	9.61	14.40	46.52	32.12	Average
2	0.470	19.25	9.61	28.86	56.52	27.66	QP
3	0.794	3.02	9.62	12.64	46.00	33.36	Average
4	0.794	15.71	9.62	25.33	56.00	30.67	QP
5	1.122	7.05	9.62	16.67	46.00	29.33	Average
6	1.122	16.15	9.62	25.77	56.00	30.23	QP
7	5.460	12.22	9.66	21.88	50.00	28.12	Average
8	5.460	19.03	9.66	28.69	60.00	31.31	QP
9	7.032	13.88	9.66	23.54	50.00	26.46	Average
10	7.032	20.80	9.66	30.46	60.00	29.54	QP
11	16.537	0.49	9.69	10.18	50.00	39.82	Average
12	16.537	18.94	9.69	28.63	60.00	31.37	QP

Test Mode: M2 (RX 173.9875MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

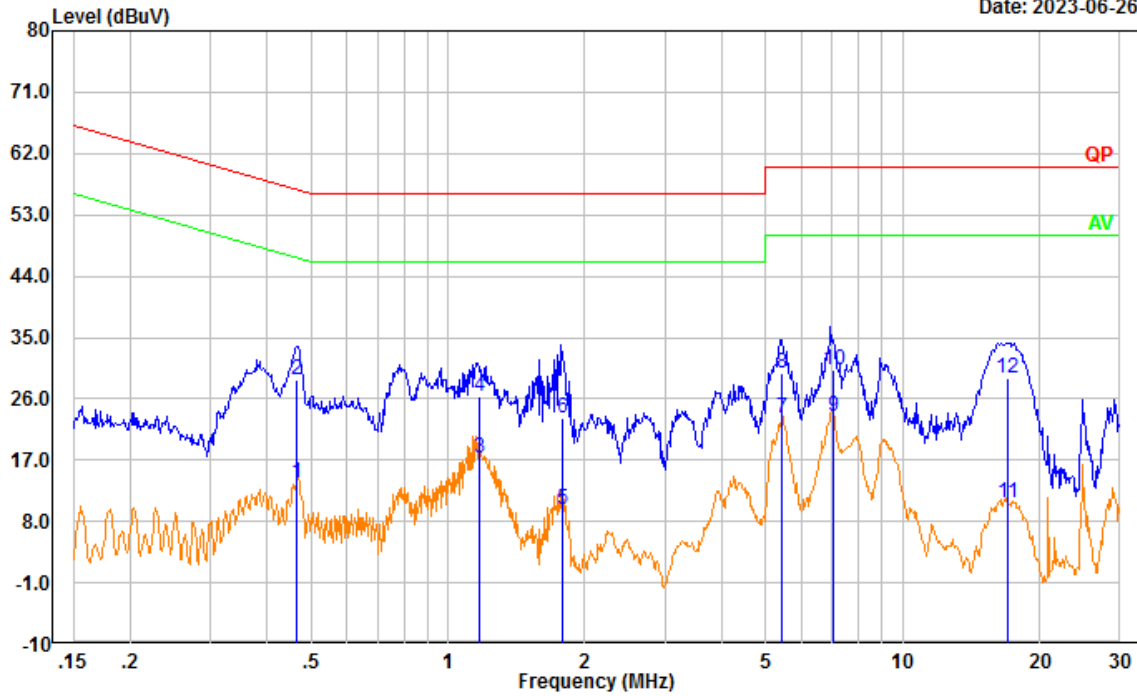
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.470	4.74	9.61	14.35	46.52	32.17	Average
2	0.470	19.22	9.61	28.83	56.52	27.69	QP
3	1.143	10.20	9.62	19.82	46.00	26.18	Average
4	1.143	18.06	9.62	27.68	56.00	28.32	QP
5	1.779	1.77	9.63	11.40	46.00	34.60	Average
6	1.779	18.54	9.63	28.17	56.00	27.83	QP
7	5.466	13.24	9.66	22.90	50.00	27.10	Average
8	5.466	19.66	9.66	29.32	60.00	30.68	QP
9	6.966	13.57	9.66	23.23	50.00	26.77	Average
10	6.966	20.34	9.66	30.00	60.00	30.00	QP
11	16.839	0.92	9.73	10.65	50.00	39.35	Average
12	16.839	19.04	9.73	28.77	60.00	31.23	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26

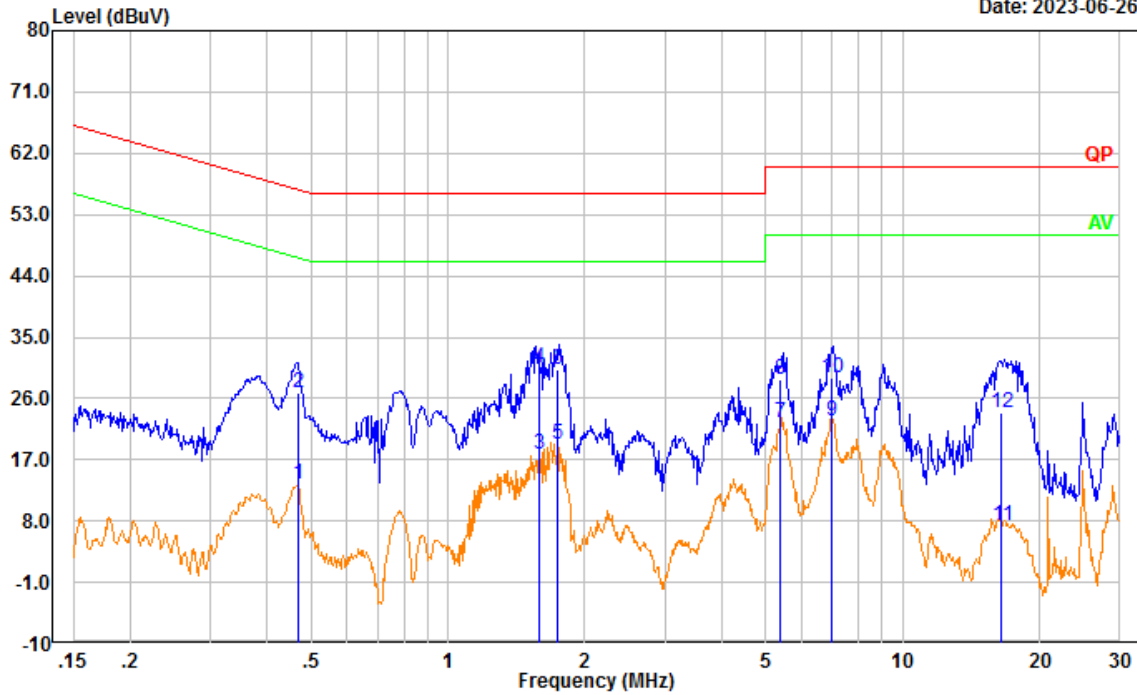


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.466	4.03	9.61	13.64	46.58	32.94	Average
2	0.466	19.24	9.61	28.85	56.58	27.73	QP
3	1.170	7.81	9.62	17.43	46.00	28.57	Average
4	1.170	16.77	9.62	26.39	56.00	29.61	QP
5	1.790	0.15	9.63	9.78	46.00	36.22	Average
6	1.790	13.64	9.63	23.27	56.00	32.73	QP
7	5.442	13.56	9.66	23.22	50.00	26.78	Average
8	5.442	20.12	9.66	29.78	60.00	30.22	QP
9	7.043	13.85	9.66	23.51	50.00	26.49	Average
10	7.043	20.53	9.66	30.19	60.00	29.81	QP
11	16.946	0.97	9.69	10.66	50.00	39.34	Average
12	16.946	19.22	9.69	28.91	60.00	31.09	QP

Test Mode: M2 (RX 400.0125MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

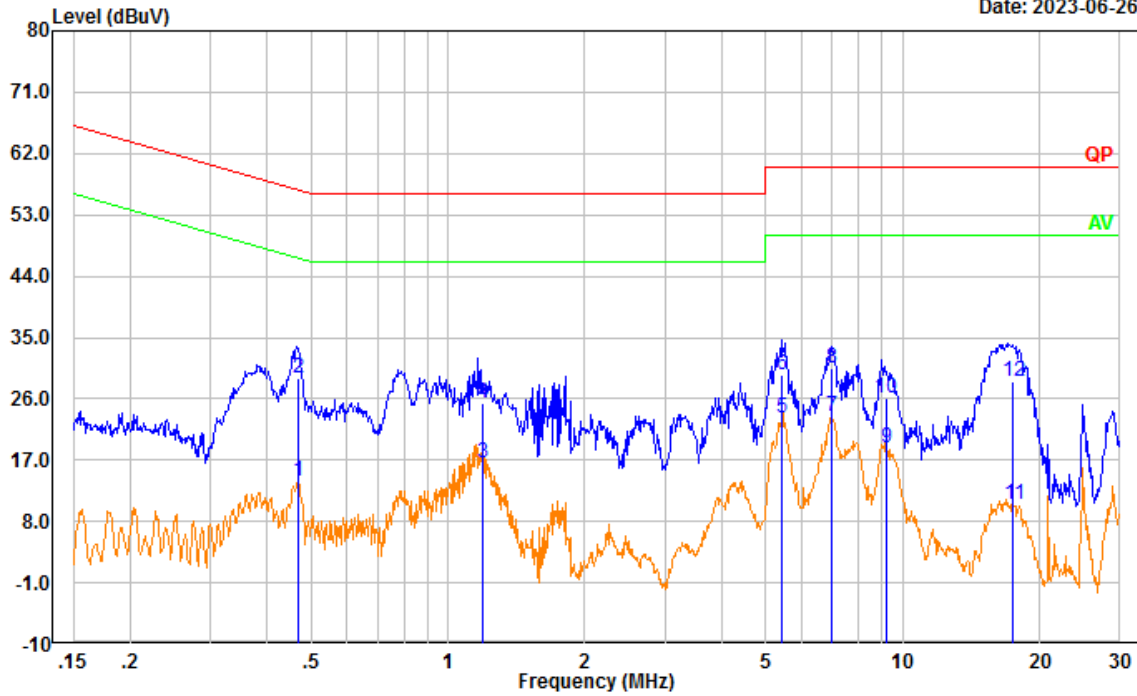
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	3.69	9.61	13.30	46.57	33.27	Average
2	0.467	17.19	9.61	26.80	56.57	29.77	QP
3	1.590	8.29	9.63	17.92	46.00	28.08	Average
4	1.590	20.74	9.63	30.37	56.00	25.63	QP
5	1.734	9.54	9.63	19.17	46.00	26.83	Average
6	1.734	20.50	9.63	30.13	56.00	25.87	QP
7	5.393	12.72	9.66	22.38	50.00	27.62	Average
8	5.393	19.06	9.66	28.72	60.00	31.28	QP
9	6.962	12.94	9.66	22.60	50.00	27.40	Average
10	6.962	19.39	9.66	29.05	60.00	30.95	QP
11	16.521	-2.30	9.72	7.42	50.00	42.58	Average
12	16.521	14.09	9.72	23.81	60.00	36.19	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26

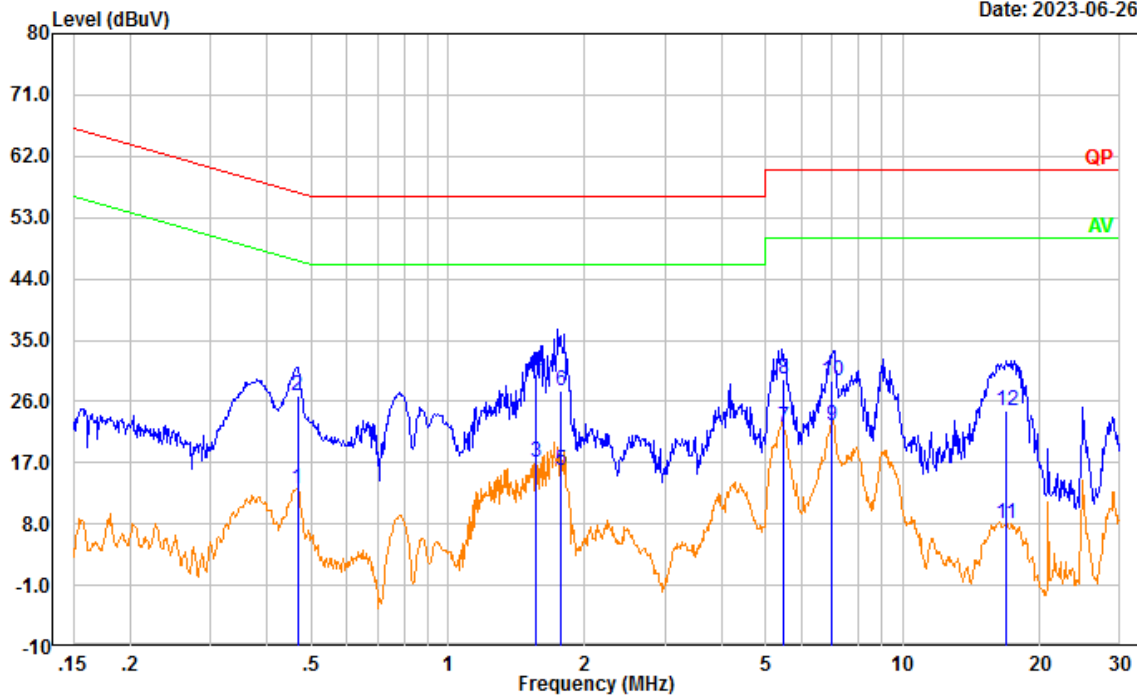


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	4.33	9.61	13.94	46.56	32.62	Average
2	0.467	19.32	9.61	28.93	56.56	27.63	QP
3	1.193	6.90	9.62	16.52	46.00	29.48	Average
4	1.193	15.63	9.62	25.25	56.00	30.75	QP
5	5.430	13.46	9.66	23.12	50.00	26.88	Average
6	5.430	19.79	9.66	29.45	60.00	30.55	QP
7	6.972	13.66	9.66	23.32	50.00	26.68	Average
8	6.972	20.79	9.66	30.45	60.00	29.55	QP
9	9.174	9.16	9.67	18.83	50.00	31.17	Average
10	9.174	16.53	9.67	26.20	60.00	33.80	QP
11	17.497	0.82	9.69	10.51	50.00	39.49	Average
12	17.497	18.94	9.69	28.63	60.00	31.37	QP

Test Mode: M2 (RX 460MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

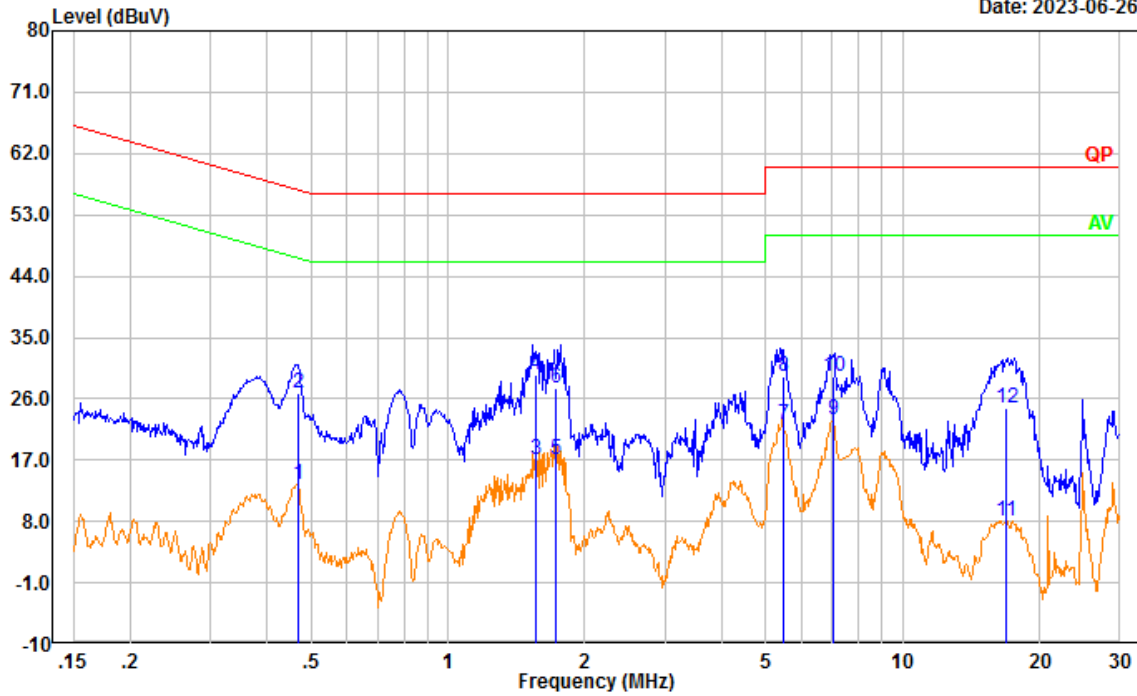
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	3.62	9.61	13.23	46.57	33.34	Average
2	0.467	17.17	9.61	26.78	56.57	29.79	QP
3	1.566	7.44	9.63	17.07	46.00	28.93	Average
4	1.566	20.44	9.63	30.07	56.00	25.93	QP
5	1.765	6.29	9.63	15.92	46.00	30.08	Average
6	1.765	17.82	9.63	27.45	56.00	28.55	QP
7	5.461	12.48	9.66	22.14	50.00	27.86	Average
8	5.461	19.67	9.66	29.33	60.00	30.67	QP
9	6.975	12.80	9.66	22.46	50.00	27.54	Average
10	6.975	19.46	9.66	29.12	60.00	30.88	QP
11	16.878	-1.80	9.73	7.93	50.00	42.07	Average
12	16.878	14.85	9.73	24.58	60.00	35.42	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

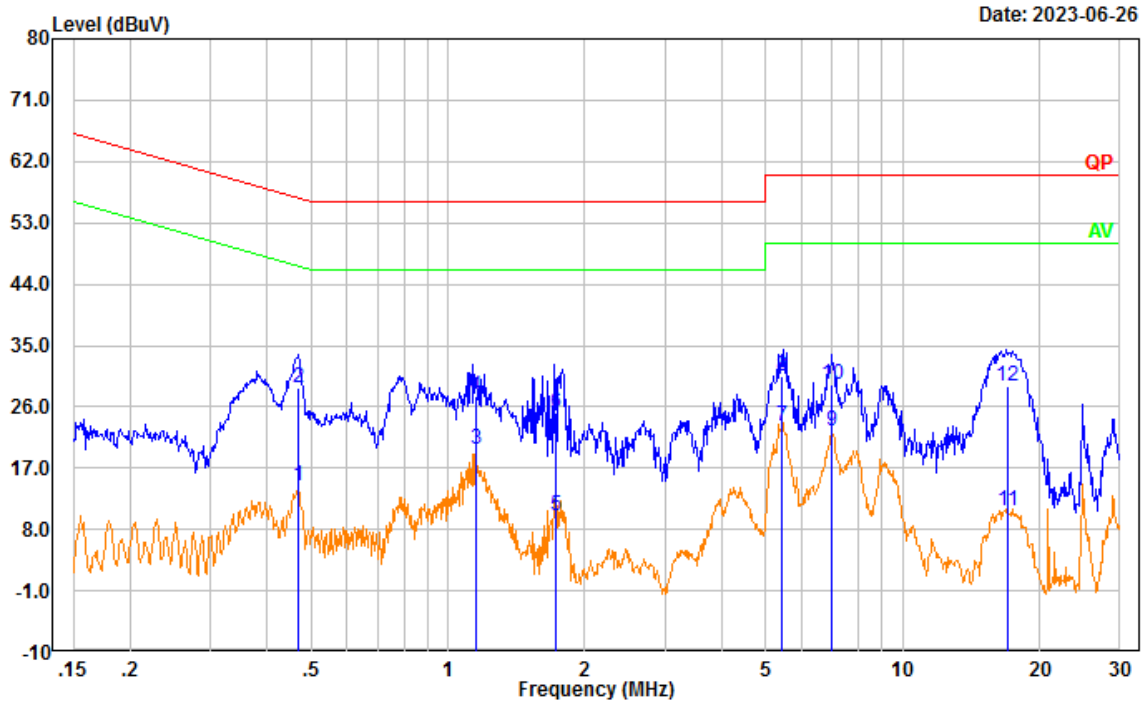
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	3.72	9.61	13.33	46.57	33.24	Average
2	0.467	17.17	9.61	26.78	56.57	29.79	QP
3	1.566	7.49	9.63	17.12	46.00	28.88	Average
4	1.566	19.96	9.63	29.59	56.00	26.41	QP
5	1.729	7.55	9.63	17.18	46.00	28.82	Average
6	1.729	17.88	9.63	27.51	56.00	28.49	QP
7	5.472	12.49	9.66	22.15	50.00	27.85	Average
8	5.472	19.65	9.66	29.31	60.00	30.69	QP
9	7.021	13.21	9.66	22.87	50.00	27.13	Average
10	7.021	19.63	9.66	29.29	60.00	30.71	QP
11	16.840	-1.74	9.69	7.95	50.00	42.05	Average
12	16.840	14.98	9.69	24.67	60.00	35.33	QP

Test Mode: M2 (RX 519.9875MHz)

Project No.: CR230633405-RF
 Tester: David Huang
 Port: Line
 Note:

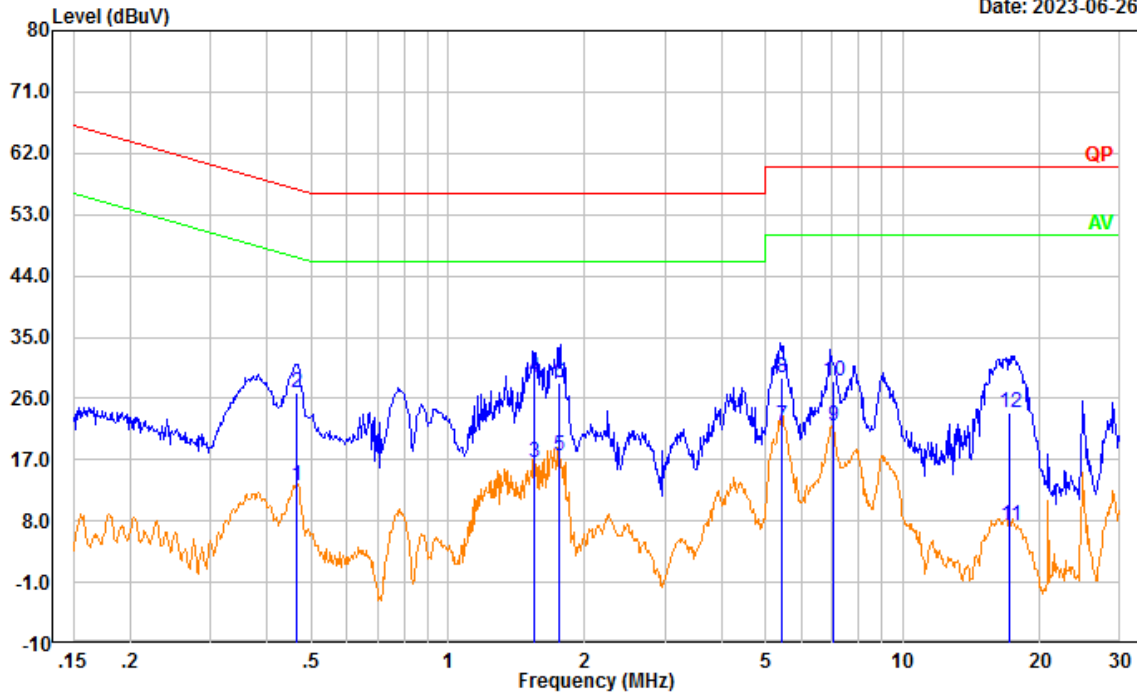


Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.470	4.73	9.61	14.34	46.52	32.18	Average
2	0.470	19.20	9.61	28.81	56.52	27.71	QP
3	1.156	10.08	9.62	19.70	46.00	26.30	Average
4	1.156	18.03	9.62	27.65	56.00	28.35	QP
5	1.733	0.45	9.63	10.08	46.00	35.92	Average
6	1.733	15.44	9.63	25.07	56.00	30.93	QP
7	5.437	13.60	9.66	23.26	50.00	26.74	Average
8	5.437	20.94	9.66	30.60	60.00	29.40	QP
9	6.984	12.83	9.66	22.49	50.00	27.51	Average
10	6.984	19.65	9.66	29.31	60.00	30.69	QP
11	16.955	1.04	9.73	10.77	50.00	39.23	Average
12	16.955	19.22	9.73	28.95	60.00	31.05	QP

Project No.: CR230633405-RF
 Tester: David Huang
 Port: neutral
 Note:

Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.466	3.63	9.61	13.24	46.59	33.35	Average
2	0.466	17.28	9.61	26.89	56.59	29.70	QP
3	1.542	6.90	9.63	16.53	46.00	29.47	Average
4	1.542	19.44	9.63	29.07	56.00	26.93	QP
5	1.758	7.94	9.63	17.57	46.00	28.43	Average
6	1.758	18.72	9.63	28.35	56.00	27.65	QP
7	5.400	12.23	9.66	21.89	50.00	28.11	Average
8	5.400	19.25	9.66	28.91	60.00	31.09	QP
9	7.021	12.22	9.66	21.88	50.00	28.12	Average
10	7.021	18.85	9.66	28.51	60.00	31.49	QP
11	17.216	-2.49	9.69	7.20	50.00	42.80	Average
12	17.216	14.16	9.69	23.85	60.00	36.15	QP

4.2 Radiation Spurious Emissions

Serial Number:	26T7-1	Test Date:	Below 1GHz: 2023/09/20 Above 1GHz: 2023/06/25
Test Site:	966-1/966-2	Test Mode:	M1-M2
Tester:	Carl Xue, Mack Huang	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	24.5~27	Relative Humidity: (%)	60~70	ATM Pressure: (kPa)	100.5

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Below 1GHz					
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18
R&S	EMI Test Receiver	ESR3	102724	2023/03/31	2024/03/30
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0470-02	2023/07/16	2024/07/15
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0780-01	2023/07/16	2024/07/15
Sonoma	Amplifier	310N	186165	2023/07/16	2024/07/15
Audix	Test Software	E3	201021 (V9)	N/A	N/A
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020/10/13	2023/10/12
R&S	Spectrum Analyzer	FSV40	101591	2022/07/15	2023/07/14
MICRO-COAX	Coaxial Cable	UFA210A-1- 1200-70U300	217423-008	2022/08/07	2023/08/06
MICRO-COAX	Coaxial Cable	UFA210A-1- 2362-300300	235780-001	2022/08/07	2023/08/06
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/09	2023/11/08
Audix	Test Software	E3	201021 (V9)	N/A	N/A
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2022/08/07	2023/08/06
Mini Circuits	High Pass Filter	VHF-6010+	31119	2022/08/07	2023/08/06

* 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).

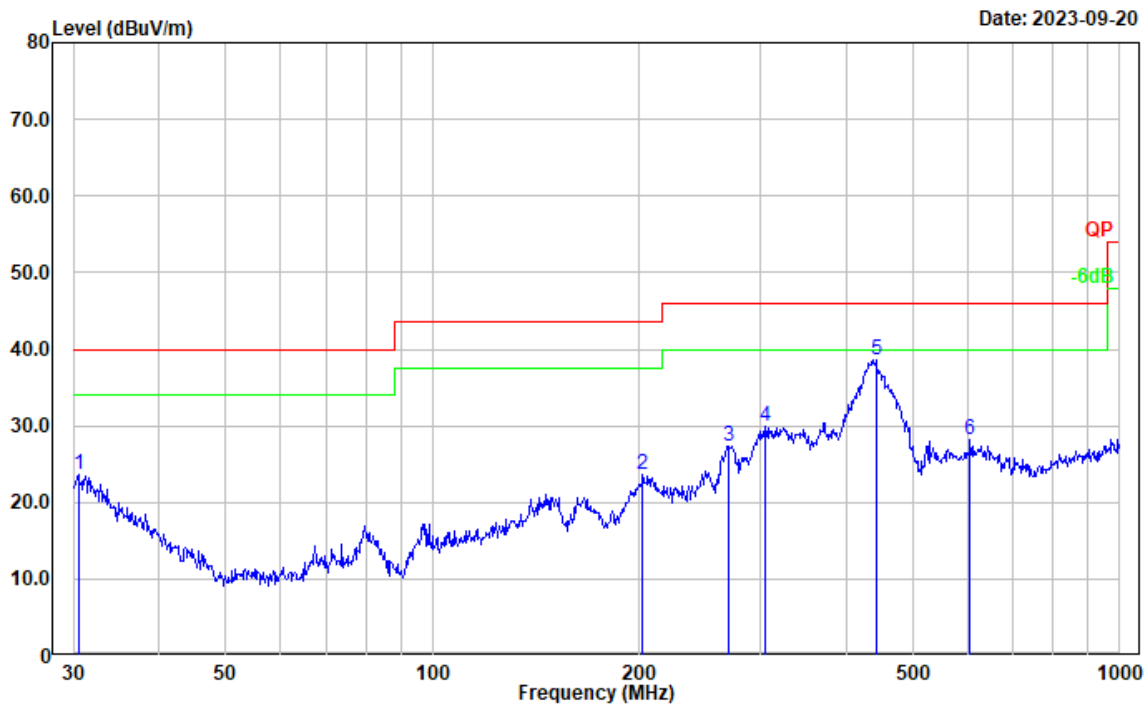
Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

1) 30MHz-1GHz:

Test Mode: MI

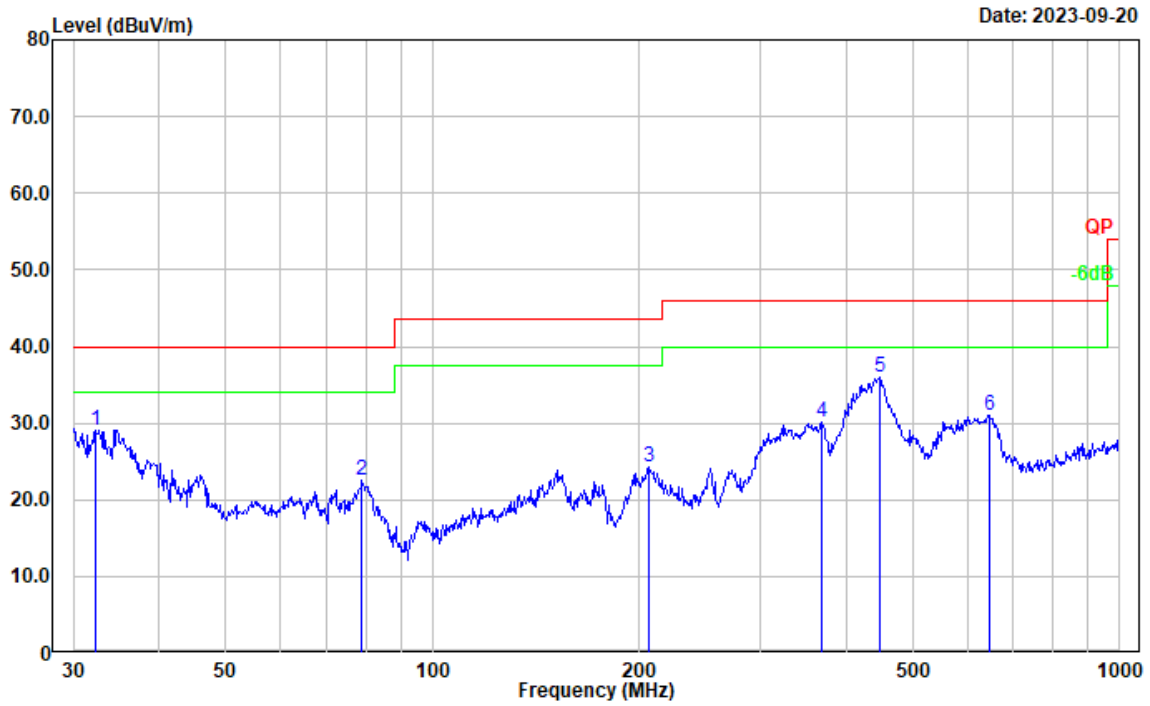
Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



Date: 2023-09-20

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	27.54	-4.00	23.54	40.00	16.46	Peak
2	202.100	35.90	-12.28	23.62	43.50	19.88	Peak
3	269.428	39.52	-12.12	27.40	46.00	18.60	Peak
4	304.610	40.42	-10.57	29.85	46.00	16.15	Peak
5	441.743	45.85	-7.24	38.61	46.00	7.39	Peak
6	605.659	33.01	-4.84	28.17	46.00	17.83	Peak

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:

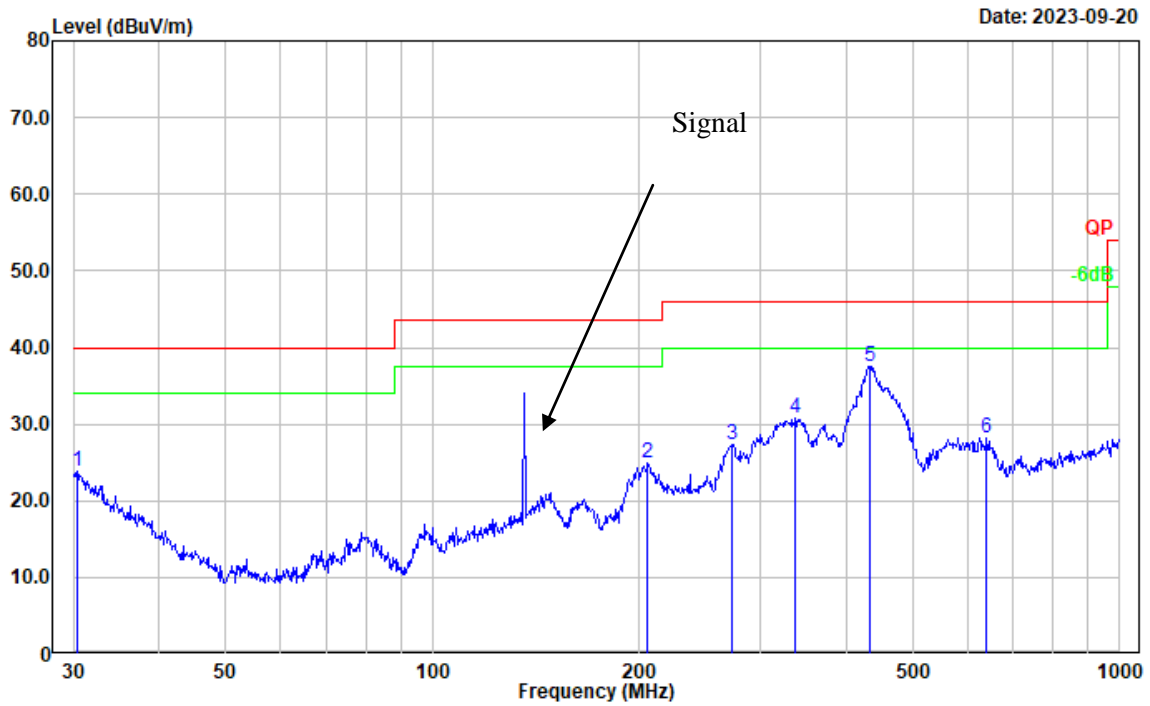


Date: 2023-09-20

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	32.406	34.60	-5.45	29.15	40.00	10.85	Peak
2	78.965	39.80	-17.35	22.45	40.00	17.55	Peak
3	206.398	36.76	-12.39	24.37	43.50	19.13	Peak
4	368.112	39.79	-9.57	30.22	46.00	15.78	Peak
5	446.414	43.01	-7.08	35.93	46.00	10.07	Peak
6	645.120	35.13	-4.20	30.93	46.00	15.07	Peak

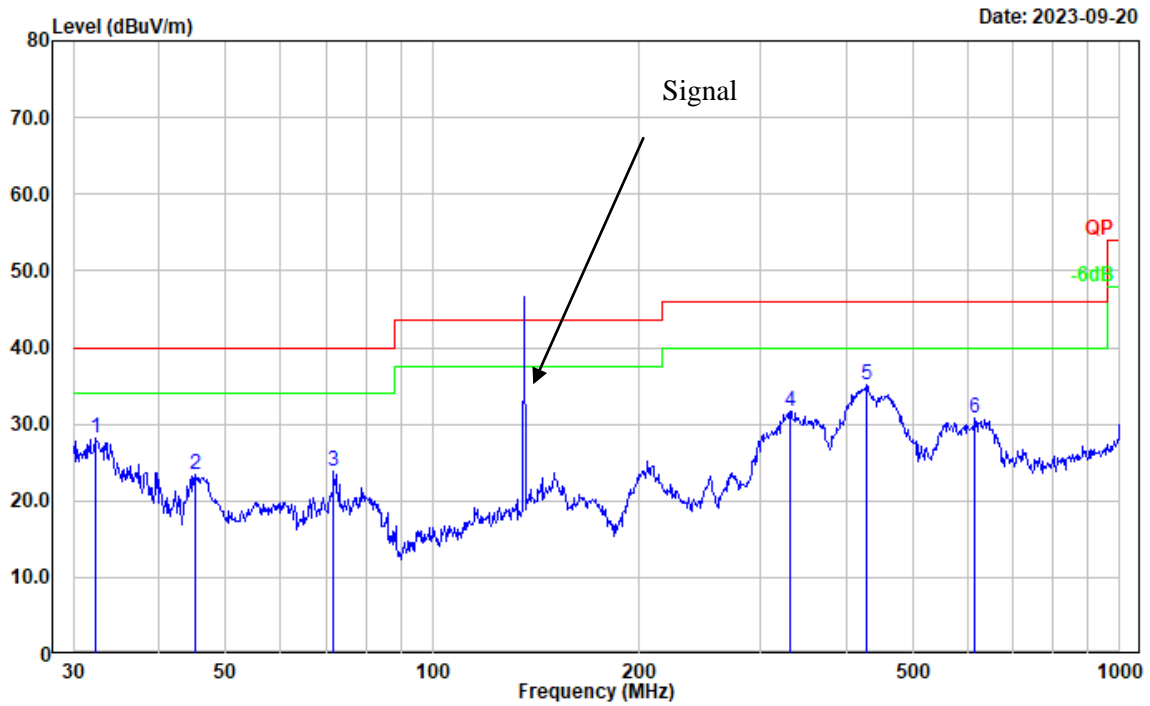
Test Mode: M2 (RX 136.0125MHz)

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.424	27.81	-3.93	23.88	40.00	16.12	Peak
2	205.675	37.27	-12.37	24.90	43.50	18.60	Peak
3	273.234	39.34	-11.96	27.38	46.00	18.62	Peak
4	337.216	40.92	-10.10	30.82	46.00	15.18	Peak
5	432.546	44.96	-7.42	37.54	46.00	8.46	Peak
6	640.611	32.58	-4.33	28.25	46.00	17.75	Peak

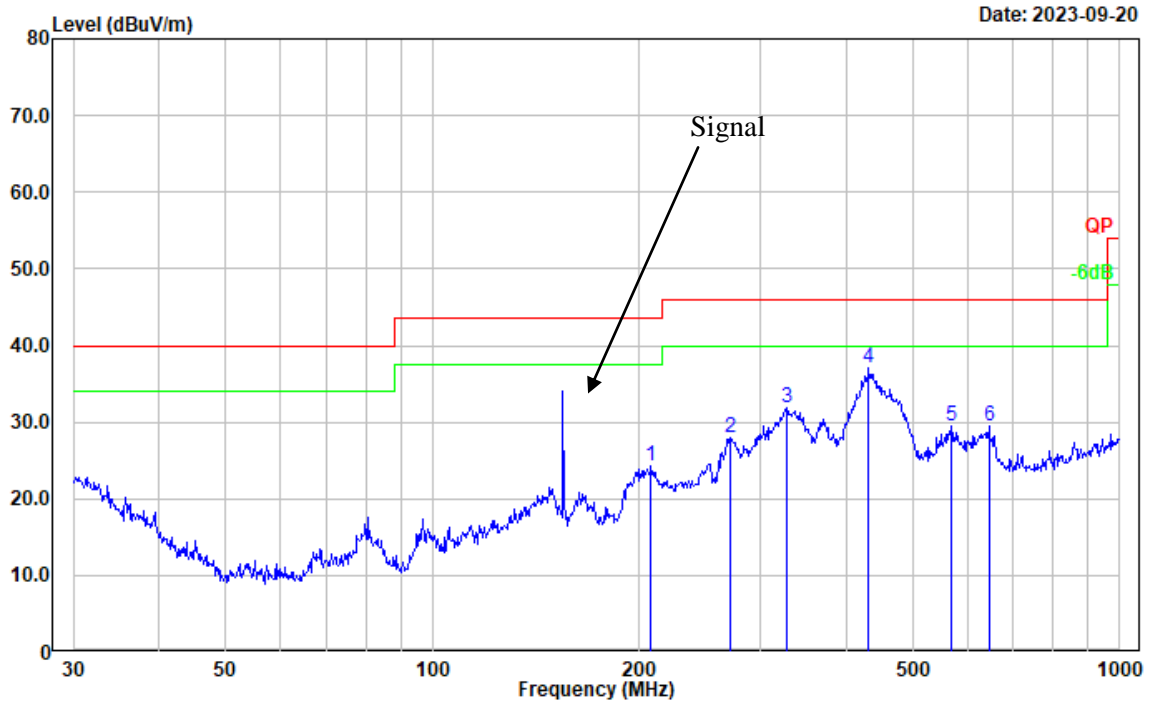
Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	32.406	33.73	-5.45	28.28	40.00	11.72	Peak
2	45.058	37.66	-14.25	23.41	40.00	16.59	Peak
3	71.832	40.51	-16.66	23.85	40.00	16.15	Peak
4	331.355	41.79	-10.20	31.59	46.00	14.41	Peak
5	428.019	42.62	-7.57	35.05	46.00	10.95	Peak
6	616.372	35.45	-4.68	30.77	46.00	15.23	Peak

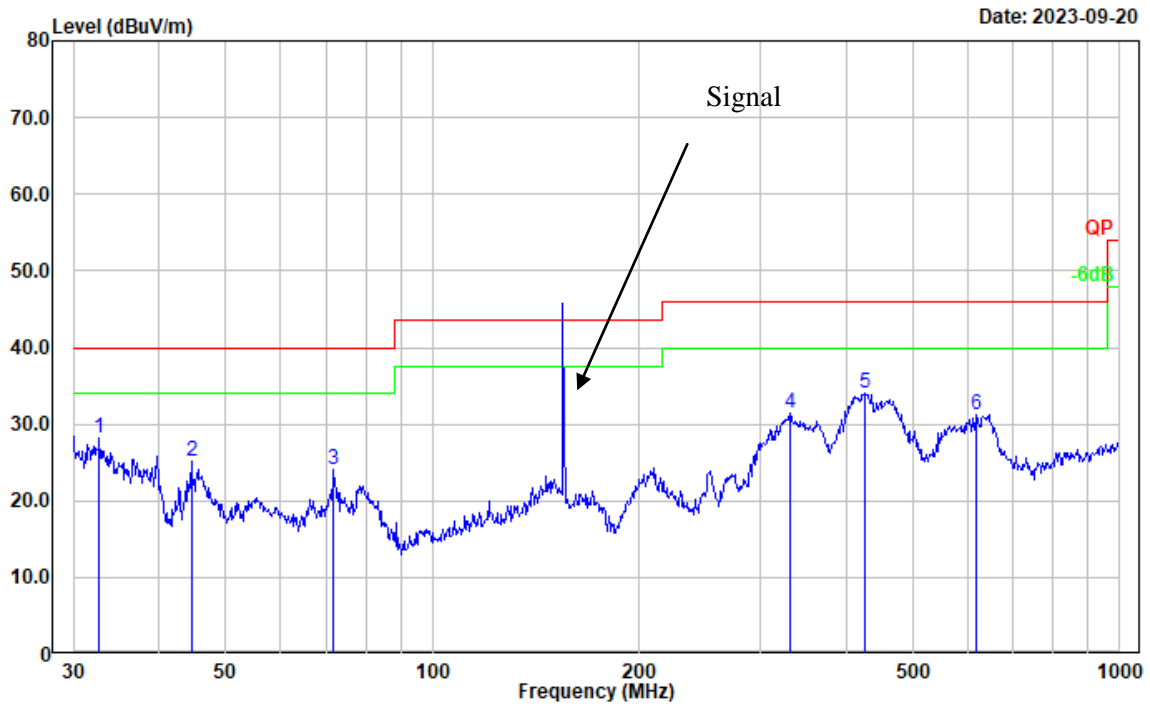
Test Mode: M2 (RX 155MHz)

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	207.850	36.66	-12.43	24.23	43.50	19.27	Peak
2	271.325	40.08	-12.04	28.04	46.00	17.96	Peak
3	327.887	42.10	-10.30	31.80	46.00	14.20	Peak
4	431.032	44.55	-7.46	37.09	46.00	8.91	Peak
5	568.613	35.17	-5.62	29.55	46.00	16.45	Peak
6	645.120	33.73	-4.20	29.53	46.00	16.47	Peak

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:

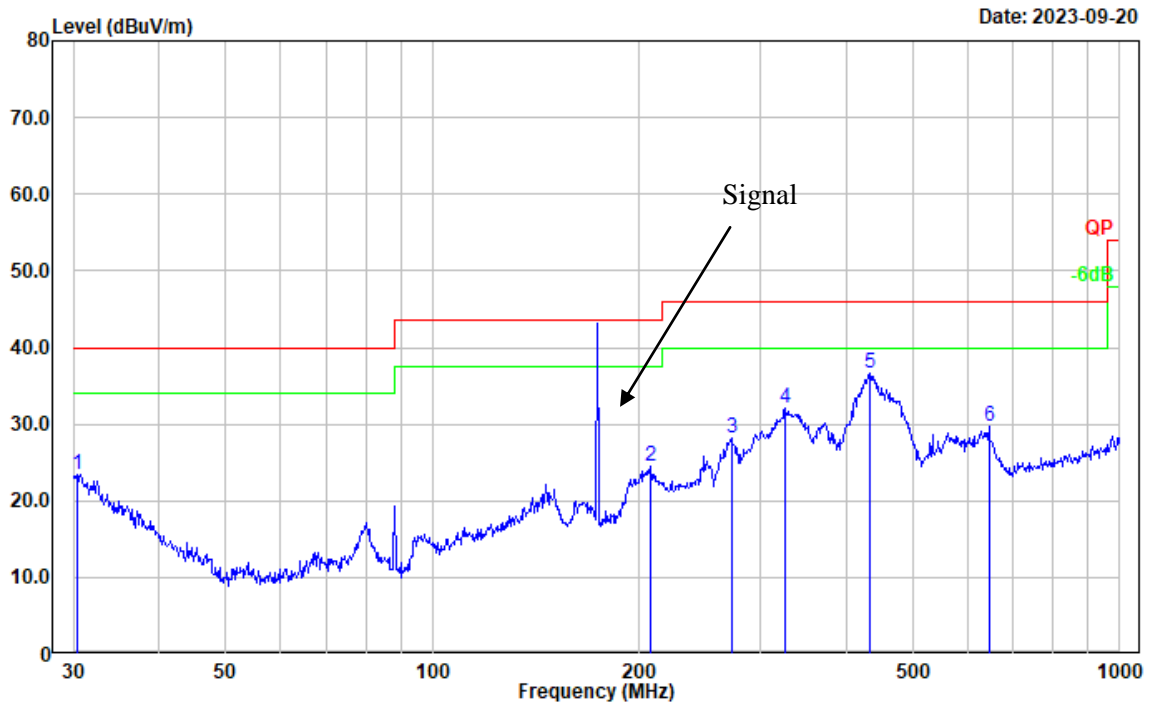


Date: 2023-09-20

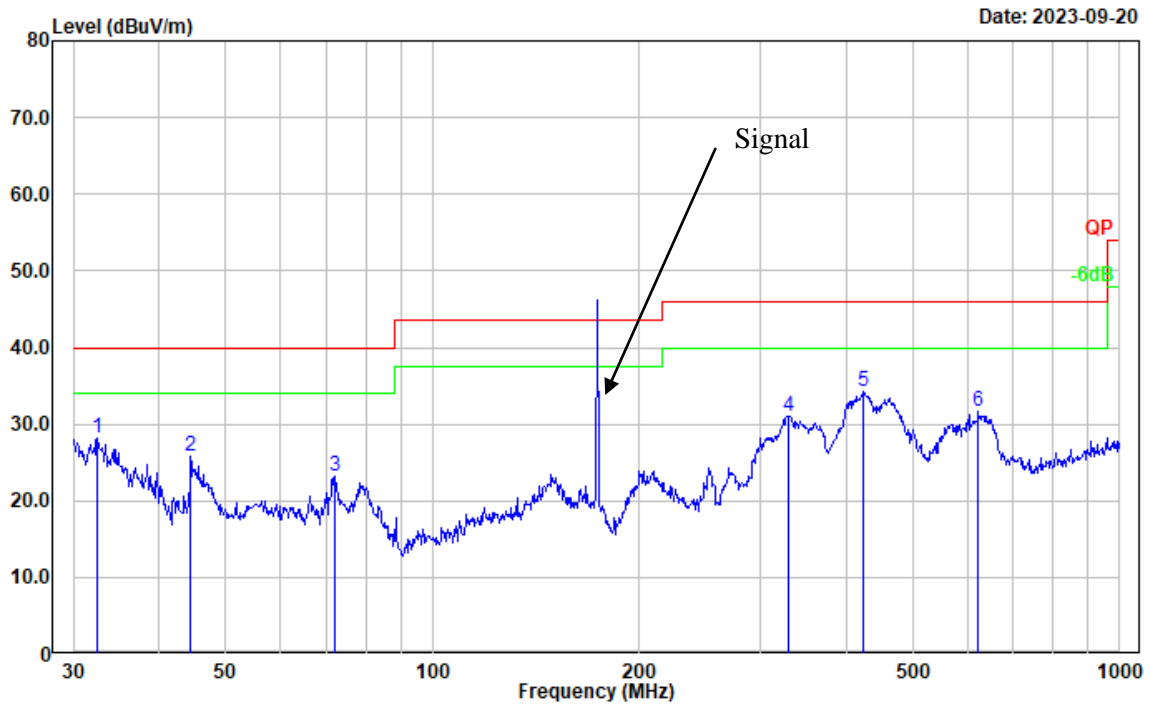
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	32.749	33.94	-5.71	28.23	40.00	11.77	Peak
2	44.587	39.15	-14.00	25.15	40.00	14.85	Peak
3	71.832	40.62	-16.66	23.96	40.00	16.04	Peak
4	331.355	41.64	-10.20	31.44	46.00	14.56	Peak
5	425.028	41.78	-7.71	34.07	46.00	11.93	Peak
6	618.537	35.94	-4.72	31.22	46.00	14.78	Peak

Test Mode: M2 (RX 173.9875 MHz)

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:

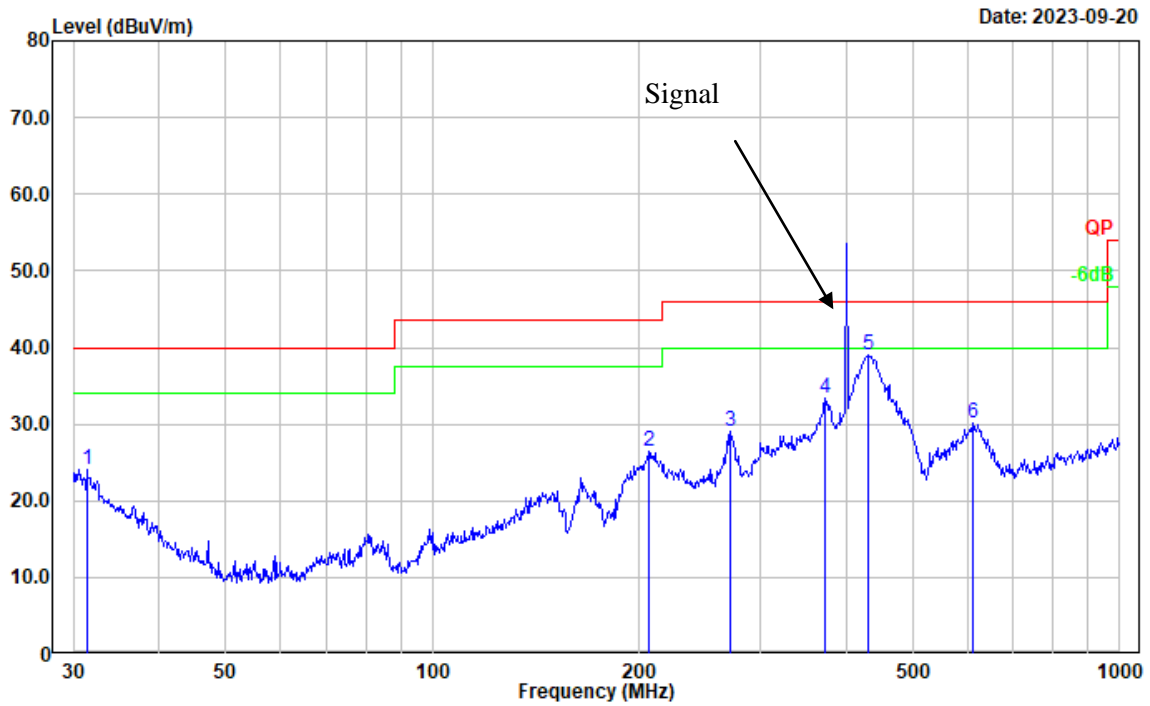


Date: 2023-09-20

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	32.520	33.80	-5.54	28.26	40.00	11.74	Peak
2	44.431	39.72	-13.90	25.82	40.00	14.18	Peak
3	72.084	39.80	-16.69	23.11	40.00	16.89	Peak
4	330.195	41.29	-10.23	31.06	46.00	14.94	Peak
5	423.540	42.09	-7.77	34.32	46.00	11.68	Peak
6	622.890	36.20	-4.65	31.55	46.00	14.45	Peak

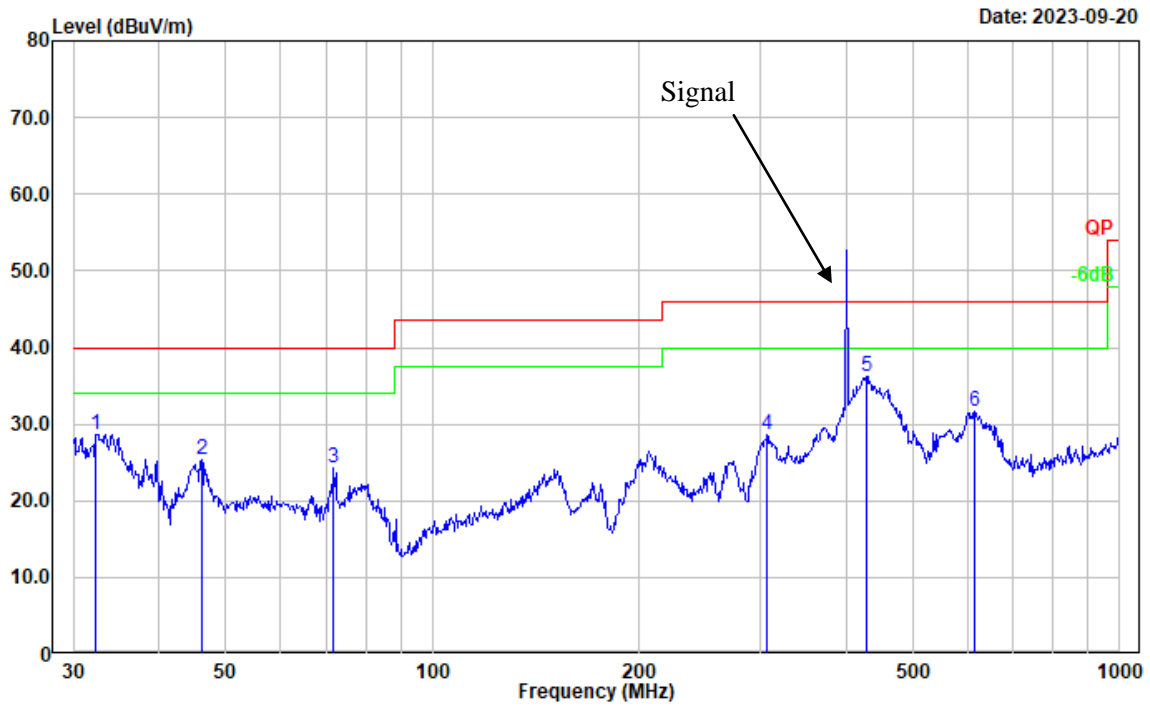
Test Mode: M2 (RX 400.0125MHz)

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.399	28.73	-4.67	24.06	40.00	15.94	Peak
2	206.398	38.91	-12.39	26.52	43.50	16.98	Peak
3	271.325	41.05	-12.04	29.01	46.00	16.99	Peak
4	372.005	42.79	-9.45	33.34	46.00	12.66	Peak
5	429.523	46.53	-7.51	39.02	46.00	6.98	Peak
6	612.064	34.89	-4.75	30.14	46.00	15.86	Peak

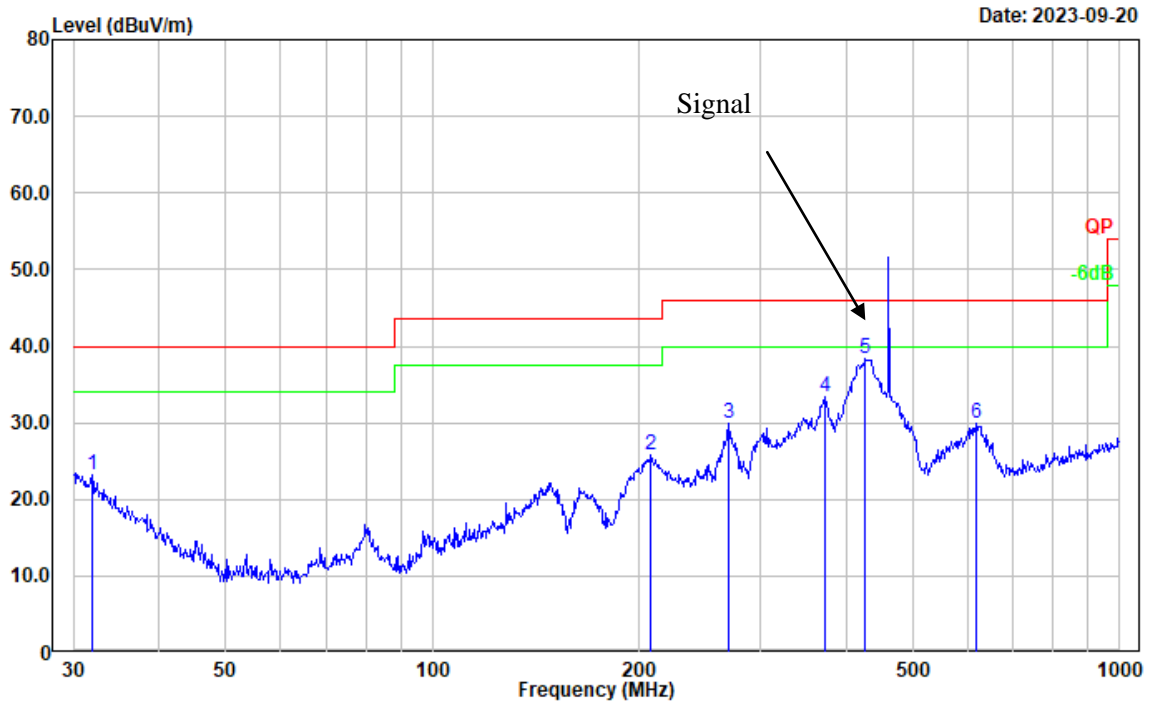
Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	32.406	34.17	-5.45	28.72	40.00	11.28	Peak
2	46.178	40.32	-14.95	25.37	40.00	14.63	Peak
3	71.832	40.84	-16.66	24.18	40.00	15.82	Peak
4	306.754	39.29	-10.58	28.71	46.00	17.29	Peak
5	428.019	43.69	-7.57	36.12	46.00	9.88	Peak
6	614.214	36.32	-4.69	31.63	46.00	14.37	Peak

Test Mode: M2 (RX 460MHz)

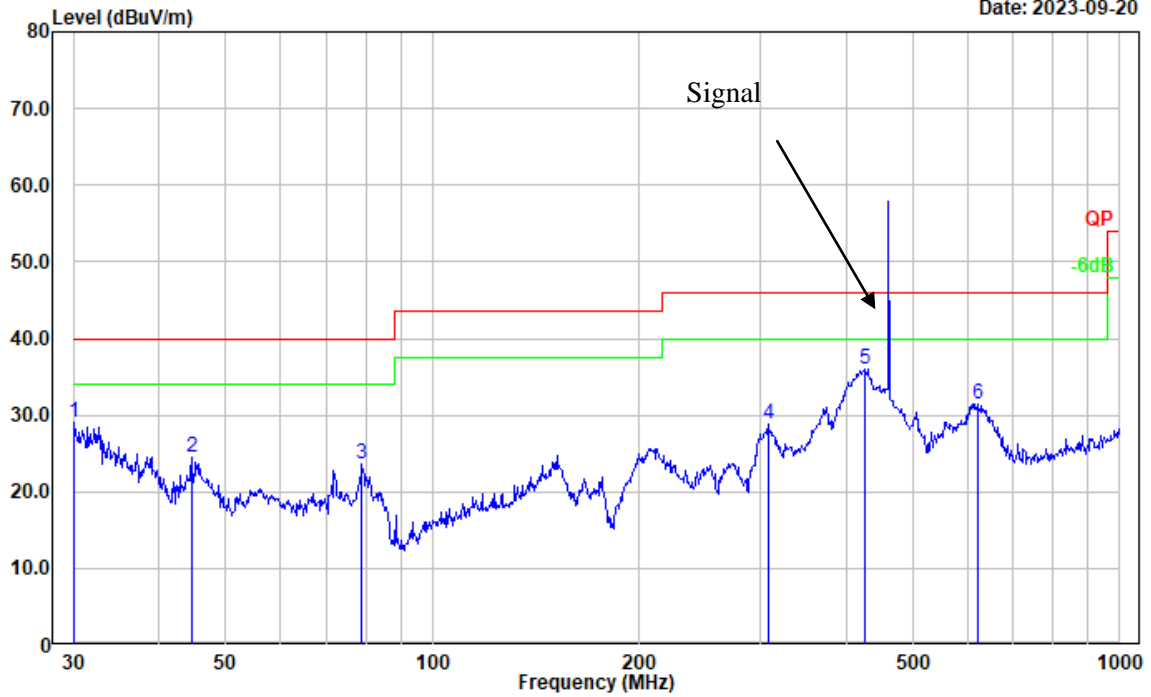
Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.955	28.21	-5.08	23.13	40.00	16.87	Peak
2	207.850	38.33	-12.43	25.90	43.50	17.60	Peak
3	270.375	41.88	-12.07	29.81	46.00	16.19	Peak
4	373.311	42.74	-9.40	33.34	46.00	12.66	Peak
5	426.521	45.97	-7.65	38.32	46.00	7.68	Peak
6	618.537	34.64	-4.72	29.92	46.00	16.08	Peak

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:

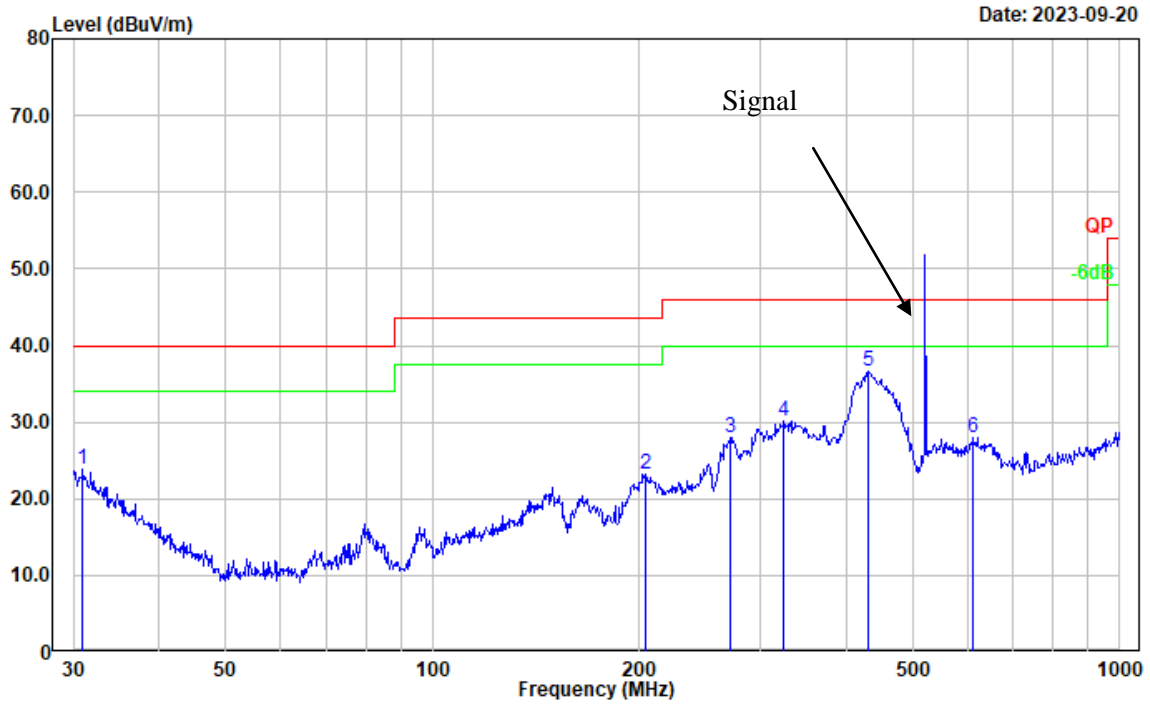
Date: 2023-09-20



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	32.64	-3.60	29.04	40.00	10.96	Peak
2	44.587	38.54	-14.00	24.54	40.00	15.46	Peak
3	78.965	40.96	-17.35	23.61	40.00	16.39	Peak
4	307.831	39.39	-10.59	28.80	46.00	17.20	Peak
5	425.028	43.75	-7.71	36.04	46.00	9.96	Peak
6	620.710	36.26	-4.72	31.54	46.00	14.46	Peak

Test Mode: M2 (RX 519.9875MHz)

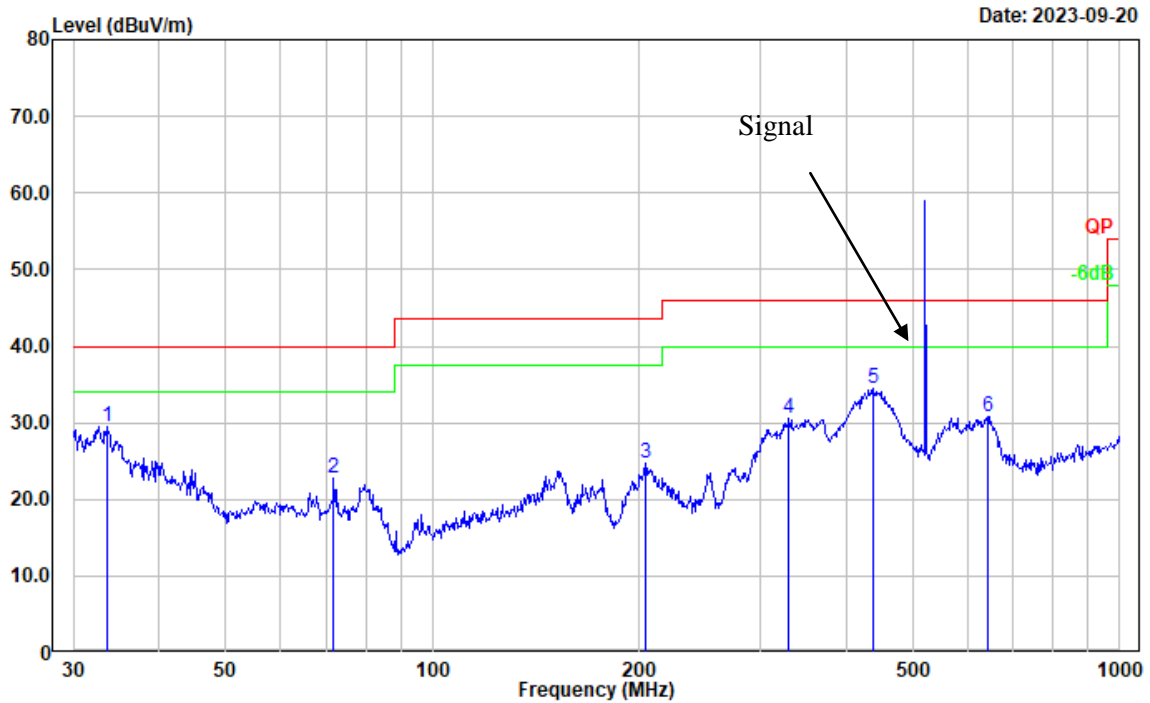
Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: horizontal
 Note:



Date: 2023-09-20

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.962	28.10	-4.34	23.76	40.00	16.24	Peak
2	204.238	35.62	-12.33	23.29	43.50	20.21	Peak
3	271.325	40.02	-12.04	27.98	46.00	18.02	Peak
4	324.456	40.59	-10.41	30.18	46.00	15.82	Peak
5	429.523	44.16	-7.51	36.65	46.00	9.35	Peak
6	612.064	32.80	-4.75	28.05	46.00	17.95	Peak

Project No.: CR230633405-RF
 Tester: Carl Xue
 Polarization: vertical
 Note:

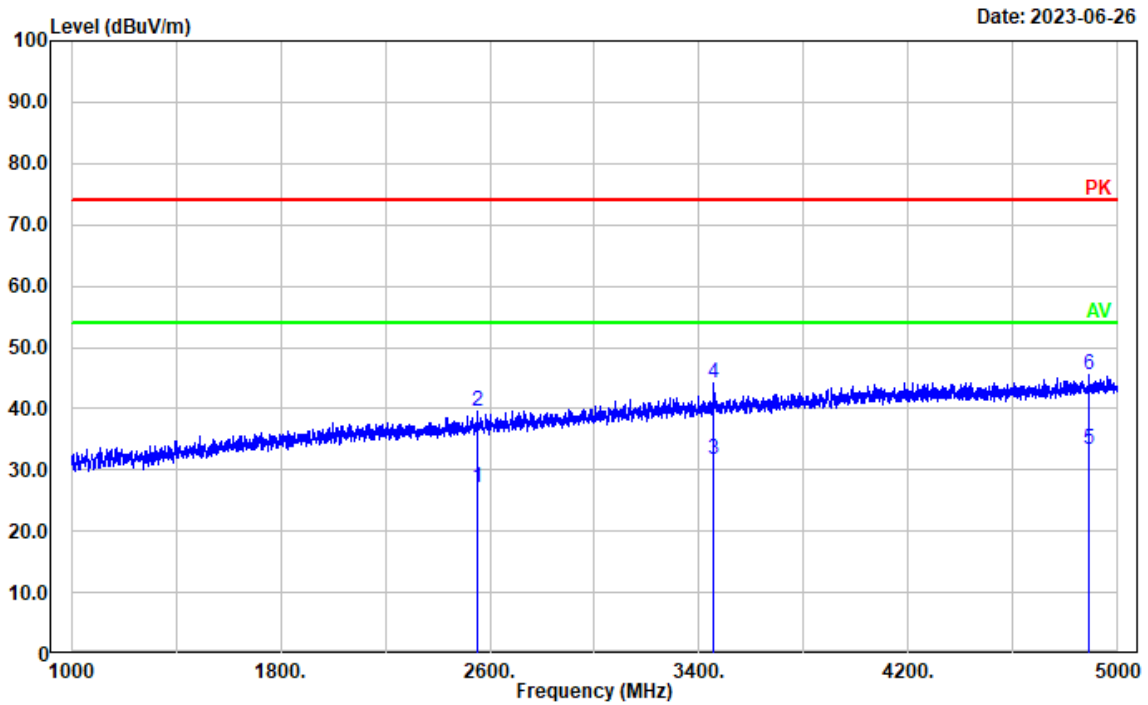


No.	Frequency (MHz)	Reading (dB μ V)	Factor (dB/m)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector
1	33.562	35.75	-6.34	29.41	40.00	10.59	Peak
2	71.832	39.36	-16.66	22.70	40.00	17.30	Peak
3	204.238	37.10	-12.33	24.77	43.50	18.73	Peak
4	330.195	40.83	-10.23	30.60	46.00	15.40	Peak
5	438.655	41.89	-7.31	34.58	46.00	11.42	Peak
6	642.861	34.98	-4.26	30.72	46.00	15.28	Peak

2) Above 1GHz

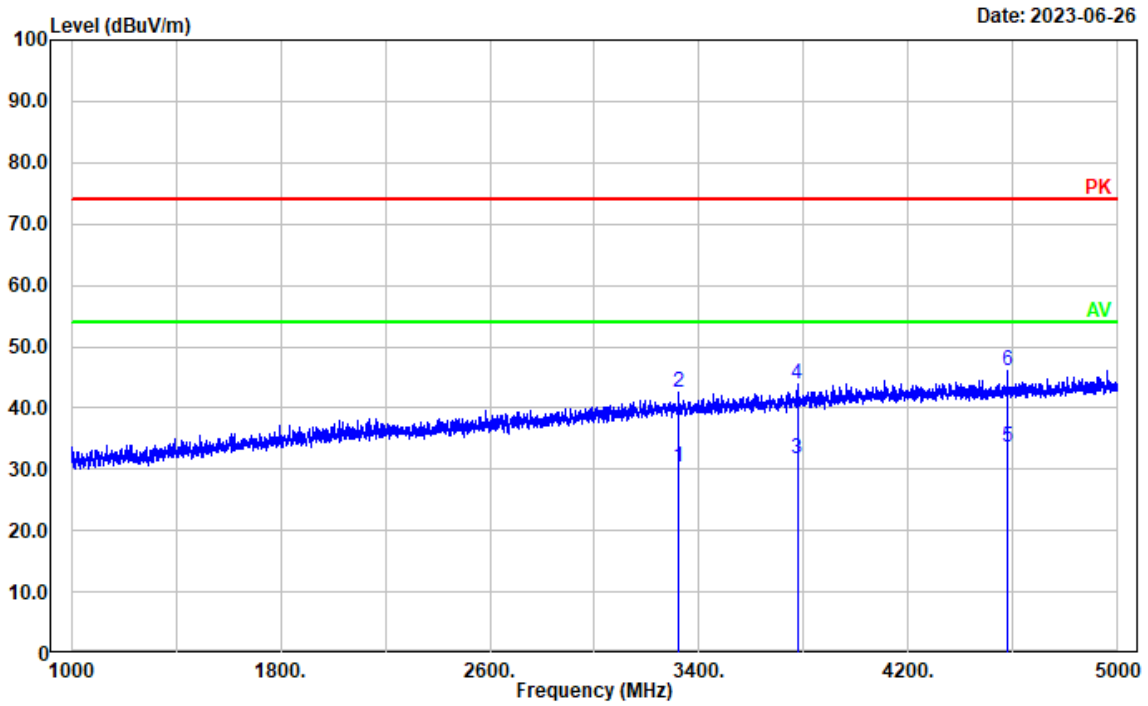
Test Mode: MI

Test Mode: Charging& Scanning
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2551.510	23.26	3.97	27.23	54.00	26.77	Average
2	2551.510	35.53	3.97	39.50	74.00	34.50	Peak
3	3456.491	24.30	7.50	31.80	54.00	22.20	Average
4	3456.491	36.59	7.50	44.09	74.00	29.91	Peak
5	4887.177	22.25	11.08	33.33	54.00	20.67	Average
6	4887.177	34.50	11.08	45.58	74.00	28.42	Peak

Test Mode: Charging& Scanning
 Polarization: vertical
 Note:

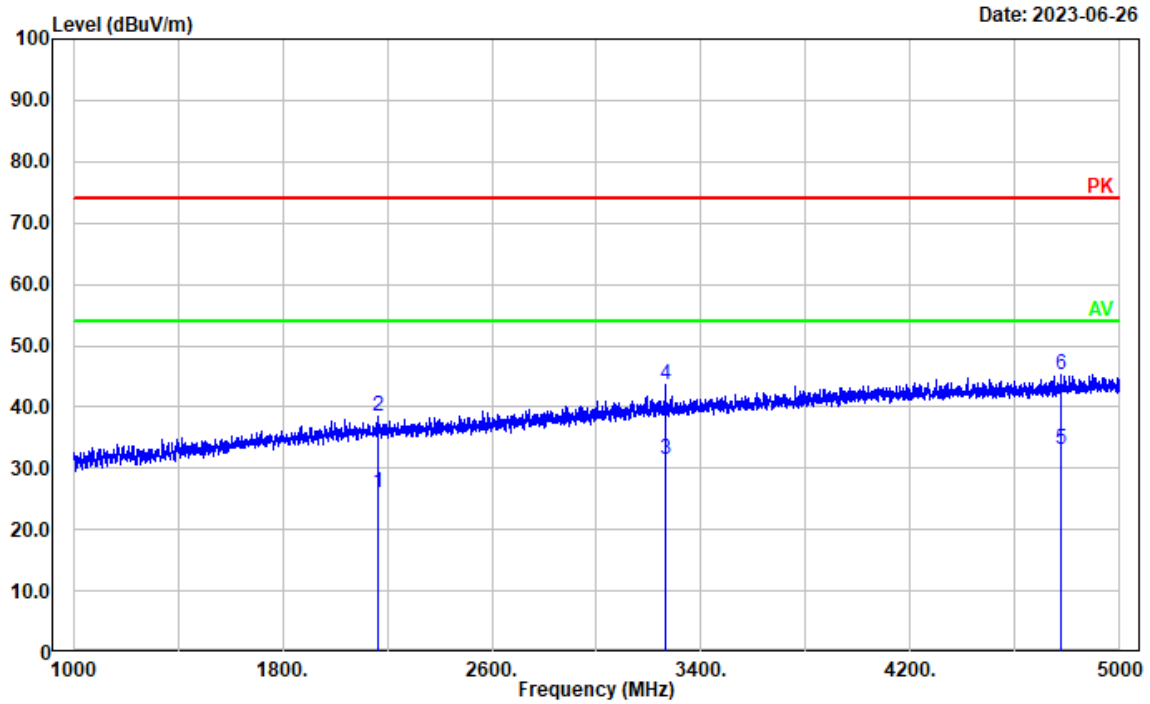


Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3321.264	23.19	7.06	30.25	54.00	23.75	Average
2	3321.264	35.38	7.06	42.44	74.00	31.56	Peak
3	3774.955	23.21	8.60	31.81	54.00	22.19	Average
4	3774.955	35.42	8.60	44.02	74.00	29.98	Peak
5	4577.516	23.35	10.27	33.62	54.00	20.38	Average
6	4577.516	35.70	10.27	45.97	74.00	28.03	Peak

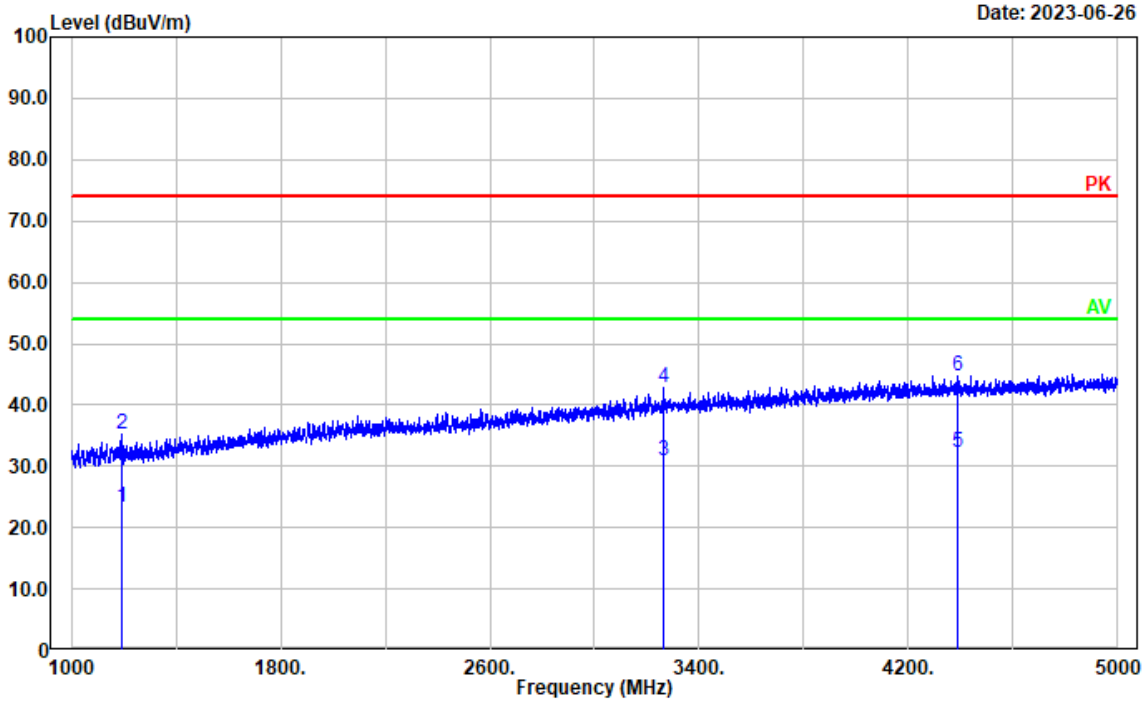
Test Mode: M2 (RX 136.0125MHz)

Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2166.633	23.27	2.85	26.12	54.00	27.88	Average
2	2166.633	35.54	2.85	38.39	74.00	35.61	Peak
3	3264.453	24.37	6.94	31.31	54.00	22.69	Average
4	3264.453	36.75	6.94	43.69	74.00	30.31	Peak
5	4775.955	22.20	10.81	33.01	54.00	20.99	Average
6	4775.955	34.39	10.81	45.20	74.00	28.80	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:



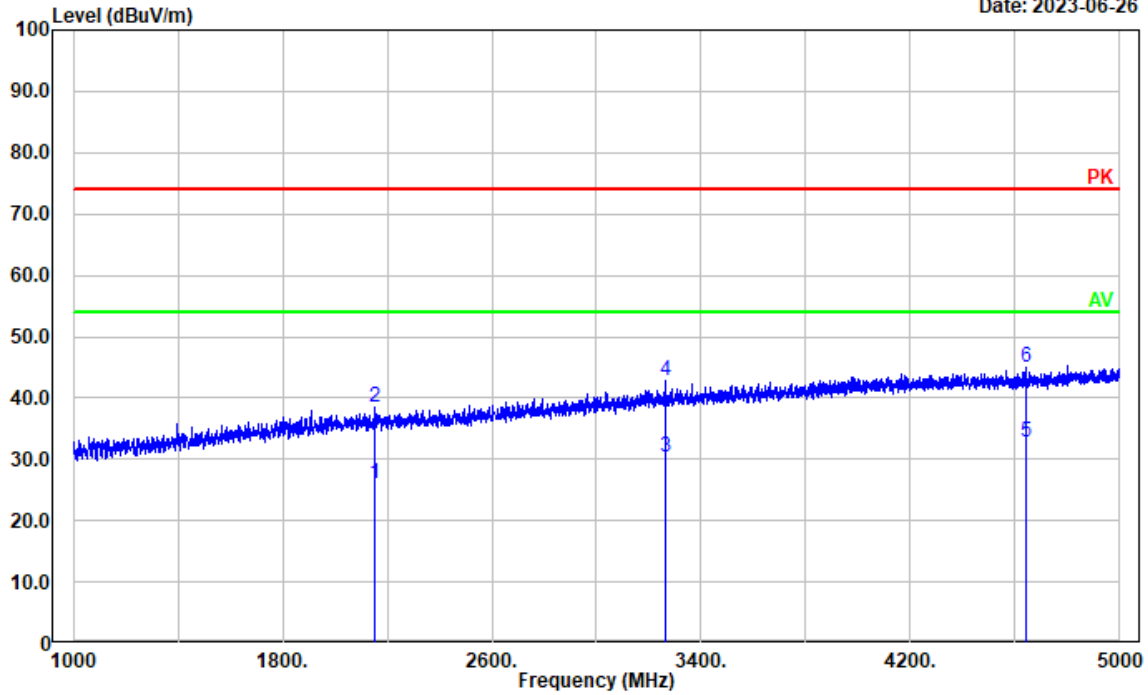
Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1194.439	25.06	-1.74	23.32	54.00	30.68	Average
2	1194.439	37.10	-1.74	35.36	74.00	38.64	Peak
3	3264.453	24.01	6.94	30.95	54.00	23.05	Average
4	3264.453	36.00	6.94	42.94	74.00	31.06	Peak
5	4387.877	22.41	9.82	32.23	54.00	21.77	Average
6	4387.877	34.81	9.82	44.63	74.00	29.37	Peak

Test Mode: M2 (RX 155MHz)

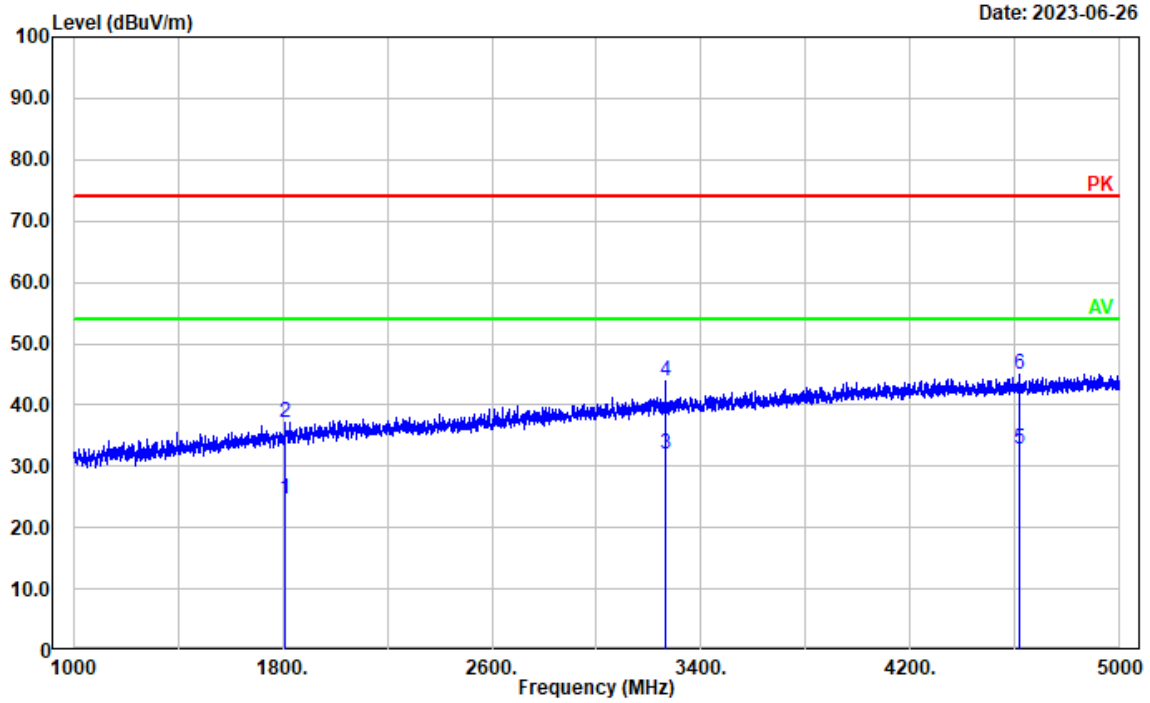
Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:

Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2150.630	23.33	2.82	26.15	54.00	27.85	Average
2	2150.630	35.66	2.82	38.48	74.00	35.52	Peak
3	3264.453	23.38	6.94	30.32	54.00	23.68	Average
4	3264.453	35.78	6.94	42.72	74.00	31.28	Peak
5	4640.728	22.27	10.47	32.74	54.00	21.26	Average
6	4640.728	34.56	10.47	45.03	74.00	28.97	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:

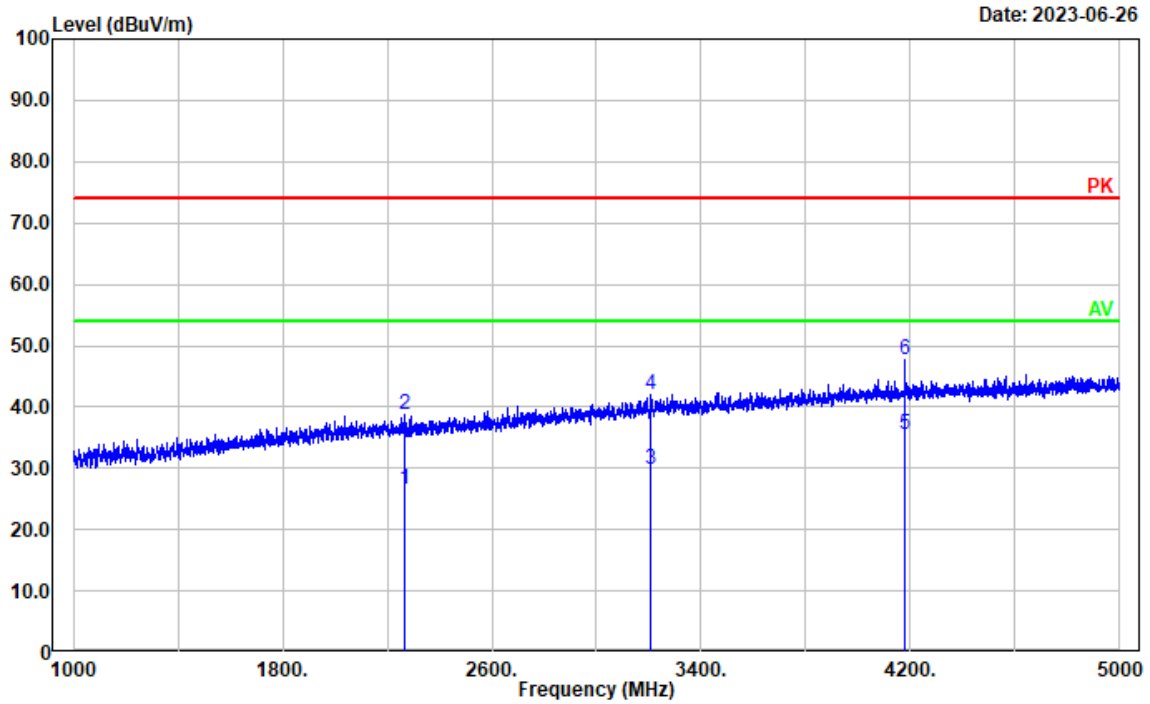


Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1811.362	23.42	1.35	24.77	54.00	29.23	Average
2	1811.362	35.87	1.35	37.22	74.00	36.78	Peak
3	3264.453	25.01	6.94	31.95	54.00	22.05	Average
4	3264.453	37.01	6.94	43.95	74.00	30.05	Peak
5	4619.124	22.25	10.41	32.66	54.00	21.34	Average
6	4619.124	34.49	10.41	44.90	74.00	29.10	Peak

Test Mode: M2 (RX 173.9875MHz)

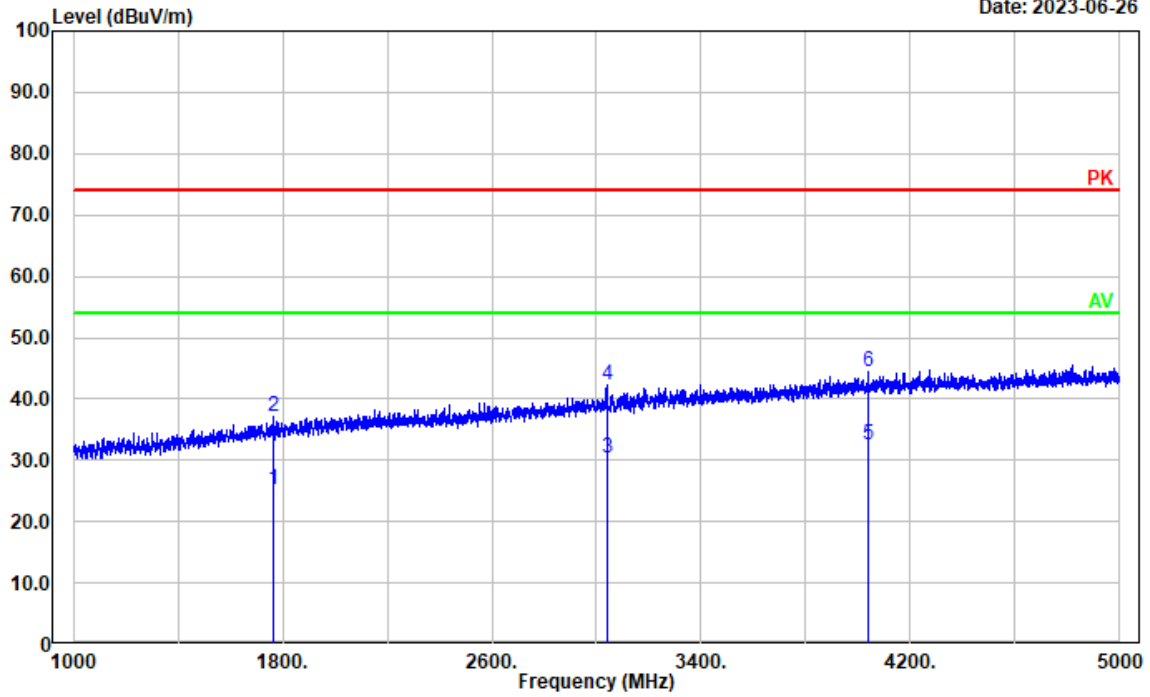
Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2269.054	23.39	3.08	26.47	54.00	27.53	Average
2	2269.054	35.79	3.08	38.87	74.00	35.13	Peak
3	3209.242	23.15	6.78	29.93	54.00	24.07	Average
4	3209.242	35.28	6.78	42.06	74.00	31.94	Peak
5	4175.835	26.05	9.57	35.62	54.00	18.38	Average
6	4175.835	38.10	9.57	47.67	74.00	26.33	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:

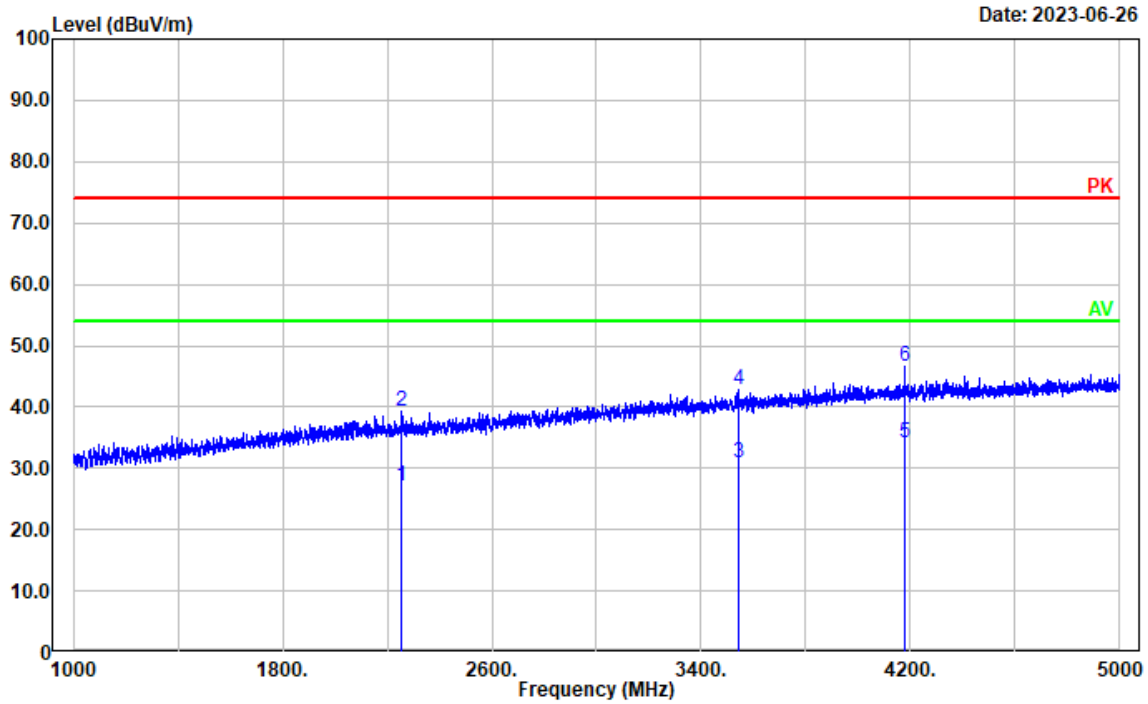
Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1766.553	24.08	1.07	25.15	54.00	28.85	Average
2	1766.553	36.16	1.07	37.23	74.00	36.77	Peak
3	3043.609	24.02	6.21	30.23	54.00	23.77	Average
4	3043.609	36.04	6.21	42.25	74.00	31.75	Peak
5	4037.407	23.05	9.39	32.44	54.00	21.56	Average
6	4037.407	35.09	9.39	44.48	74.00	29.52	Peak

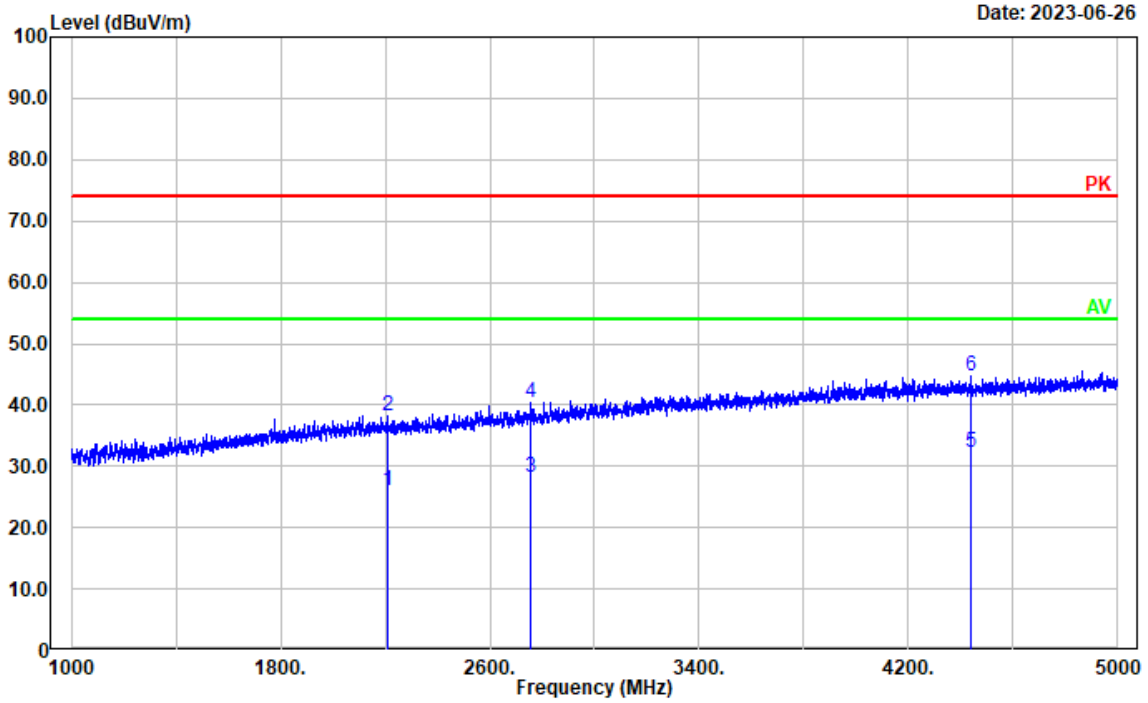
Test Mode: M2 (RX 400.0125MHz)

Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2255.451	24.14	3.05	27.19	54.00	26.81	Average
2	2255.451	36.27	3.05	39.32	74.00	34.68	Peak
3	3542.909	23.05	7.83	30.88	54.00	23.12	Average
4	3542.909	35.09	7.83	42.92	74.00	31.08	Peak
5	4175.835	24.48	9.57	34.05	54.00	19.95	Average
6	4175.835	36.97	9.57	46.54	74.00	27.46	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:

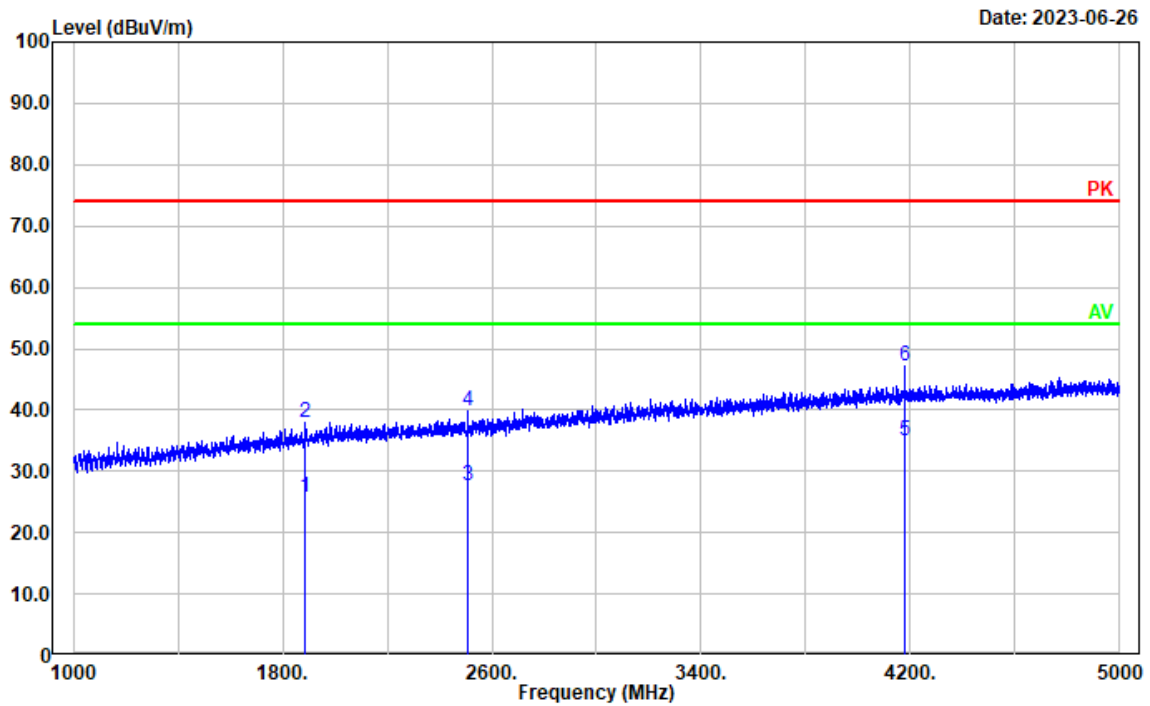


Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2206.641	23.20	2.94	26.14	54.00	27.86	Average
2	2206.641	35.39	2.94	38.33	74.00	35.67	Peak
3	2754.751	23.24	4.95	28.19	54.00	25.81	Average
4	2754.751	35.48	4.95	40.43	74.00	33.57	Peak
5	4437.487	22.45	9.88	32.33	54.00	21.67	Average
6	4437.487	34.90	9.88	44.78	74.00	29.22	Peak

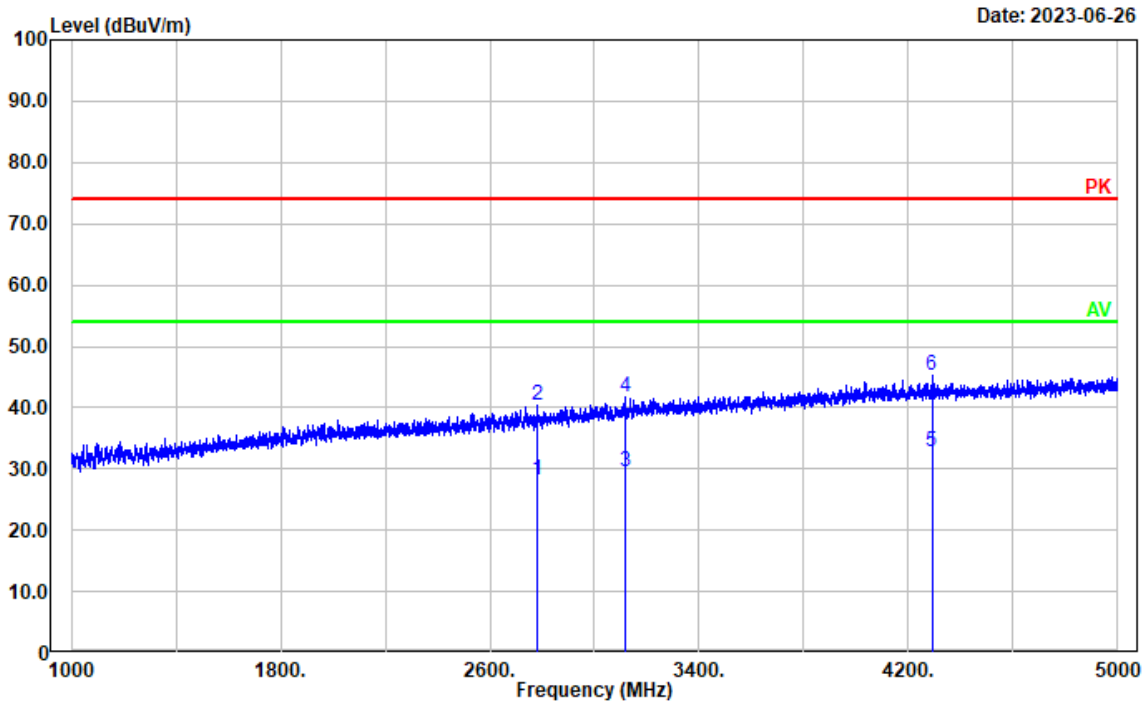
Test Mode: M2 (RX 460MHz)

Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1888.178	24.02	1.79	25.81	54.00	28.19	Average
2	1888.178	36.04	1.79	37.83	74.00	36.17	Peak
3	2509.902	24.03	3.69	27.72	54.00	26.28	Average
4	2509.902	36.08	3.69	39.77	74.00	34.23	Peak
5	4175.835	25.30	9.57	34.87	54.00	19.13	Average
6	4175.835	37.61	9.57	47.18	74.00	26.82	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:



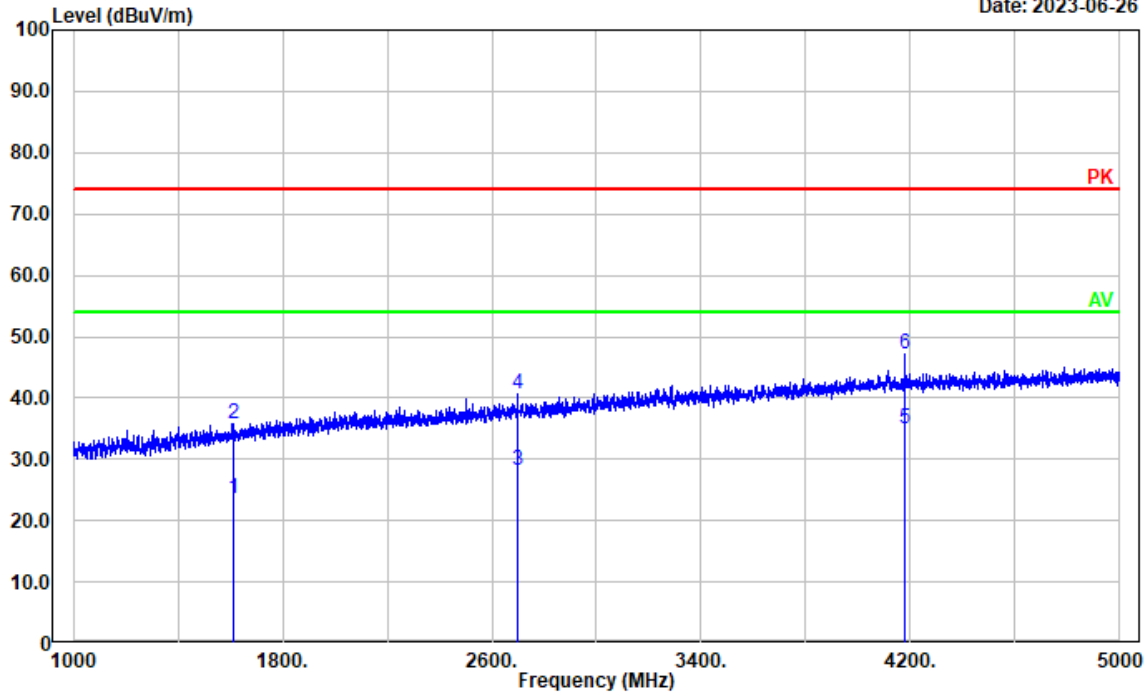
Date: 2023-06-26

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2783.557	23.19	5.05	28.24	54.00	25.76	Average
2	2783.557	35.37	5.05	40.42	74.00	33.58	Peak
3	3114.823	23.20	6.45	29.65	54.00	24.35	Average
4	3114.823	35.41	6.45	41.86	74.00	32.14	Peak
5	4289.458	23.23	9.66	32.89	54.00	21.11	Average
6	4289.458	35.47	9.66	45.13	74.00	28.87	Peak

Test Mode: M2 (RX 519.9875MHz)

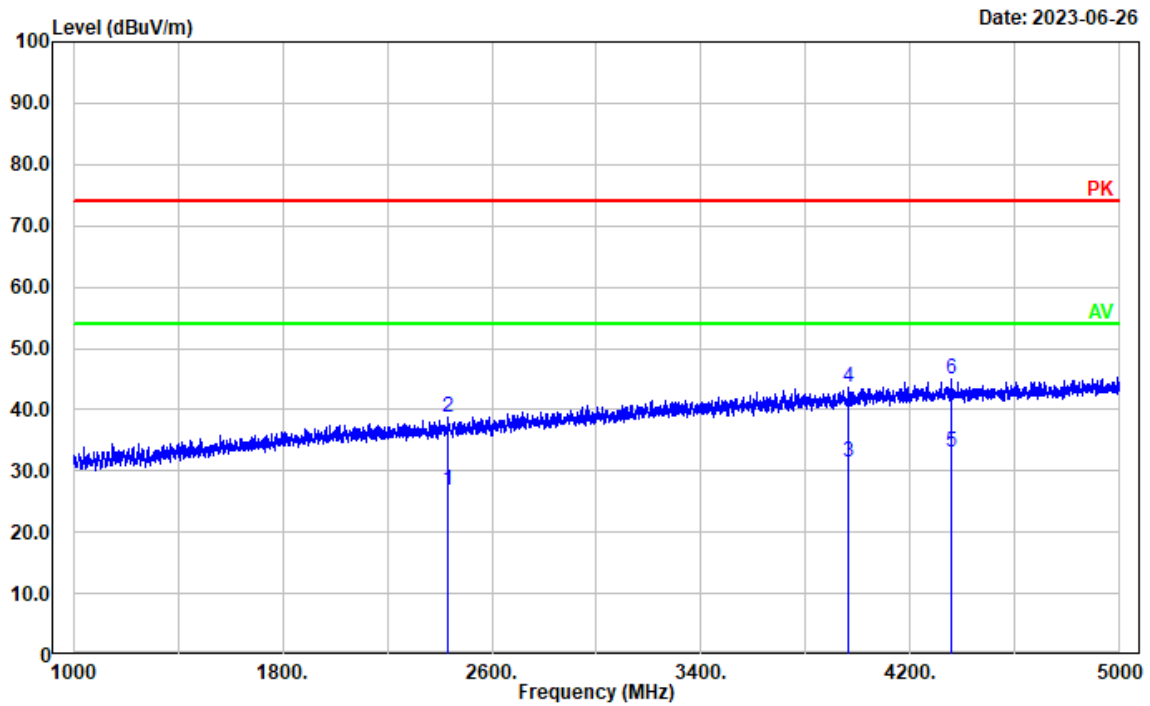
Test Mode: Charging&Receiving
 Polarization: horizontal
 Note:

Date: 2023-06-26



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1612.923	23.30	0.29	23.59	54.00	30.41	Average
2	1612.923	35.60	0.29	35.89	74.00	38.11	Peak
3	2699.540	23.40	4.72	28.12	54.00	25.88	Average
4	2699.540	35.80	4.72	40.52	74.00	33.48	Peak
5	4175.835	25.34	9.57	34.91	54.00	19.09	Average
6	4175.835	37.68	9.57	47.25	74.00	26.75	Peak

Test Mode: Charging&Receiving
 Polarization: vertical
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2434.687	23.14	3.60	26.74	54.00	27.26	Average
2	2434.687	35.28	3.60	38.88	74.00	35.12	Peak
3	3964.593	22.16	9.27	31.43	54.00	22.57	Average
4	3964.593	34.33	9.27	43.60	74.00	30.40	Peak
5	4355.071	23.12	9.81	32.93	54.00	21.07	Average
6	4355.071	35.25	9.81	45.06	74.00	28.94	Peak

4.3 Antenna Power Conduction Limits for Receivers

Serial Number:	26T7-1	Test Date:	2023/07/01
Test Site:	RF	Test Mode:	Scanning, Receiving
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:

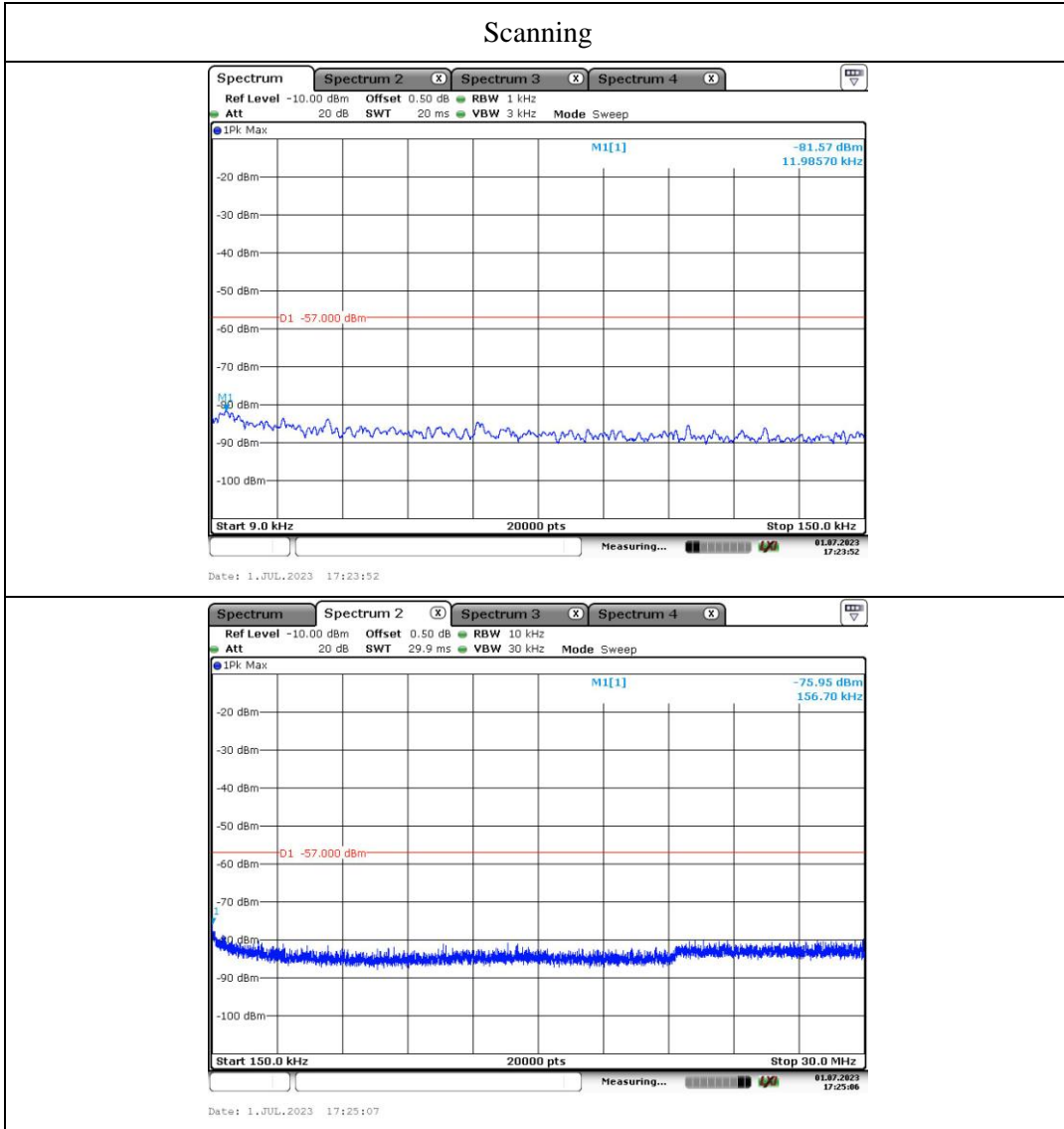
Temperature: (°C)	25.3	Relative Humidity: (%)	60	ATM Pressure: (kPa)	100.2
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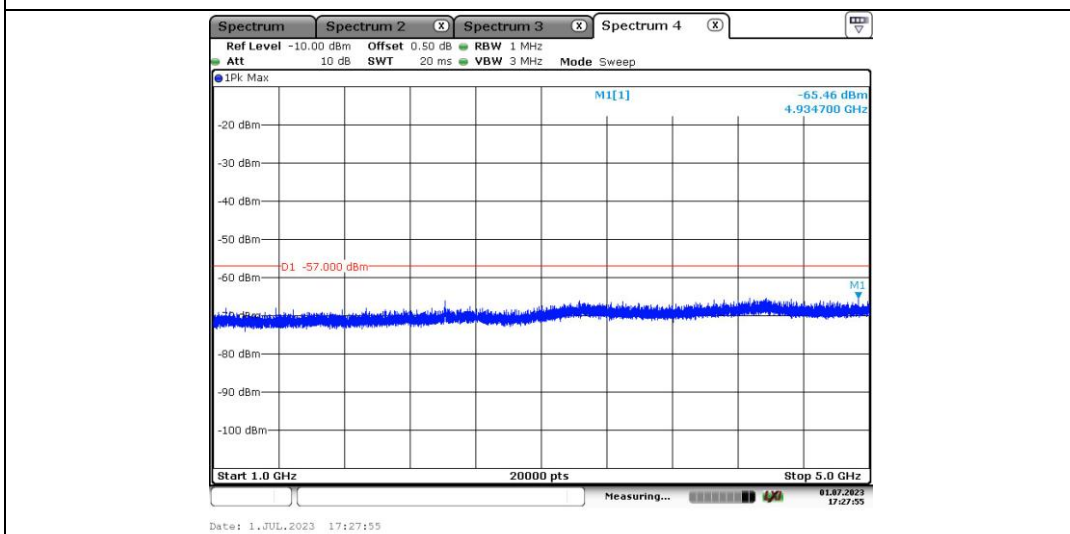
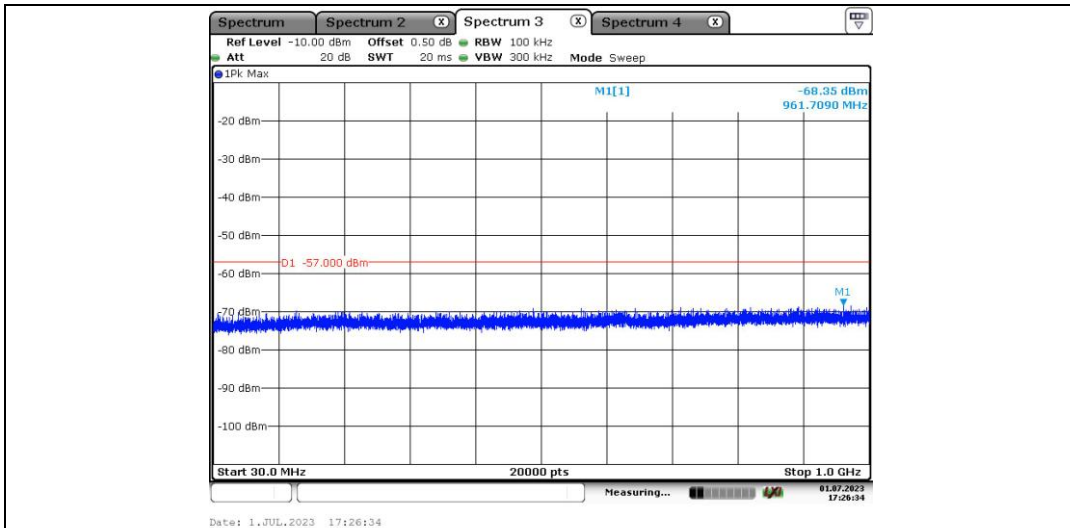
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2023/3/31	2024/3/30
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

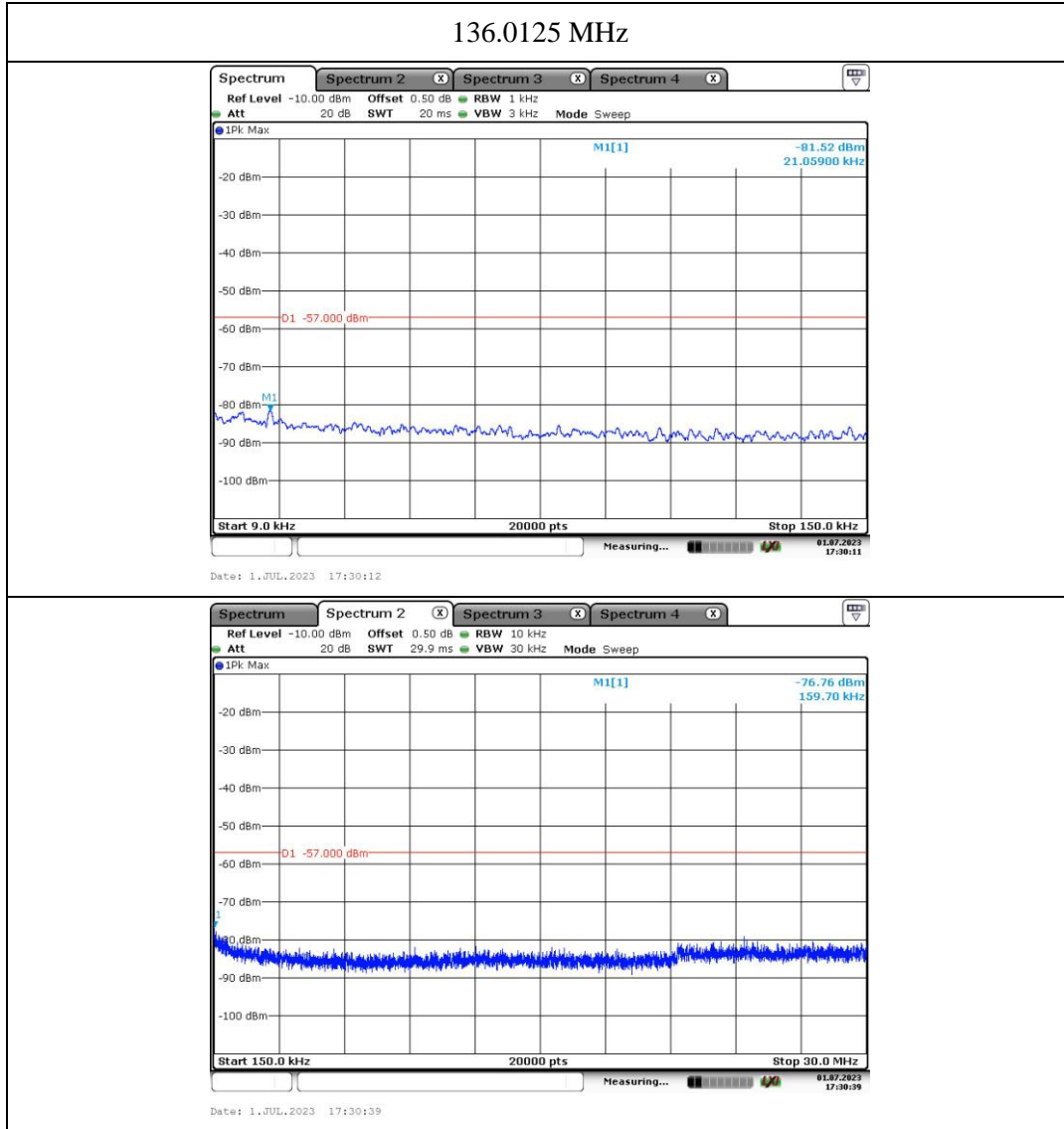
* *Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

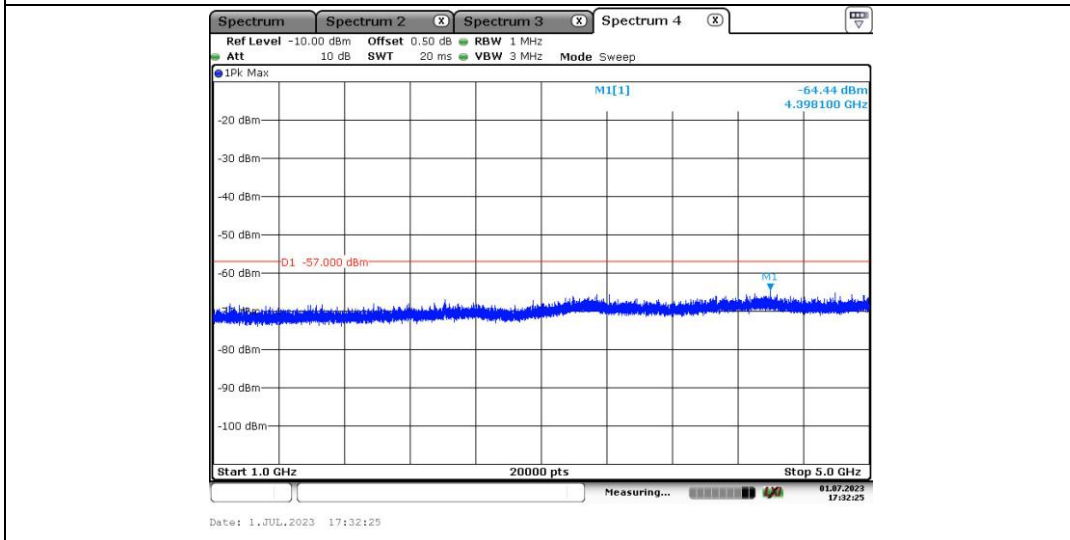
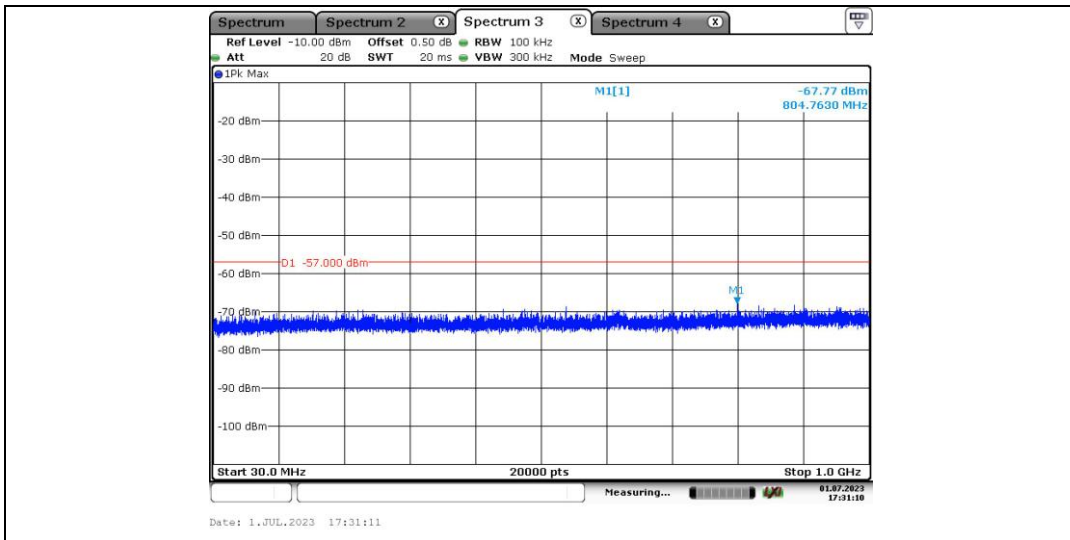
Test Mode: M1



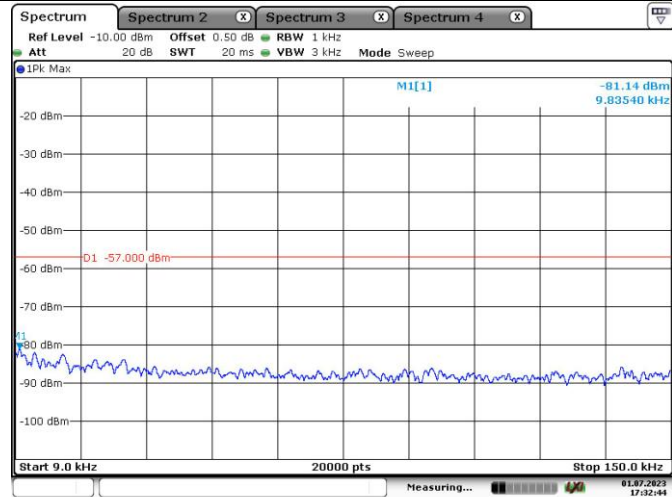


Test Mode: M2

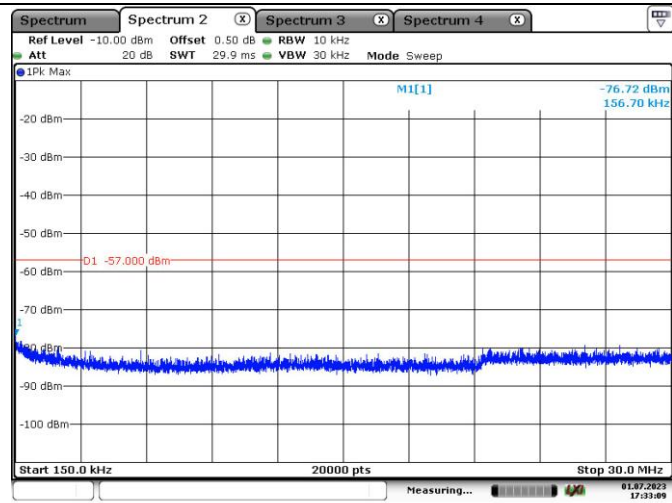




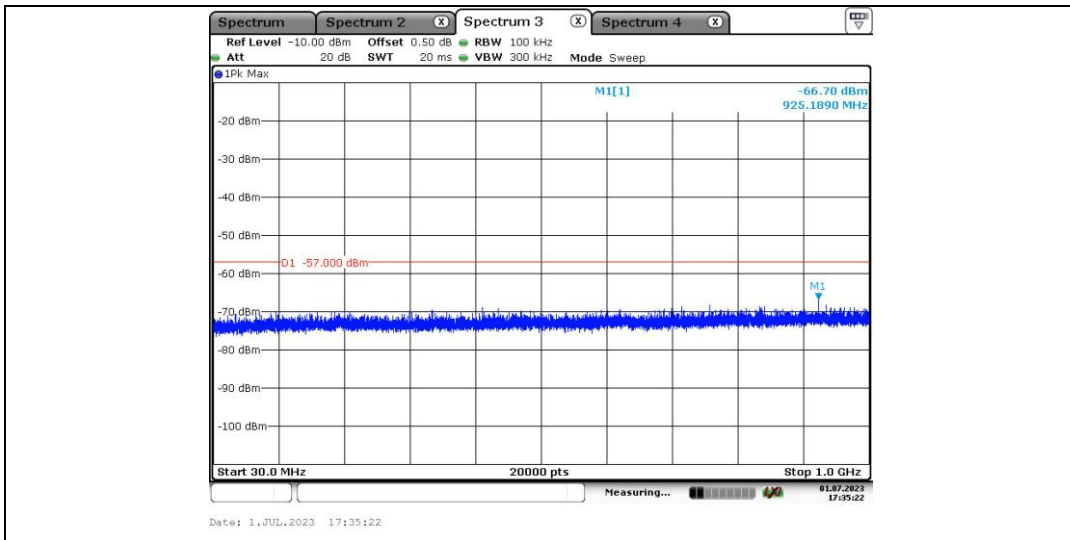
155 MHz



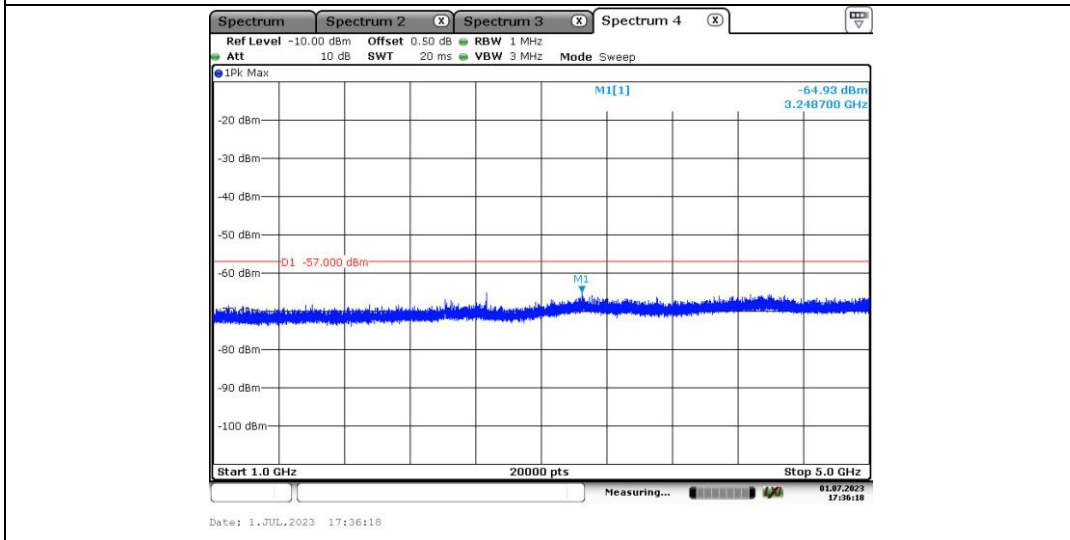
Date: 1.JUL.2023 17:32:45



Date: 1.JUL.2023 17:33:10

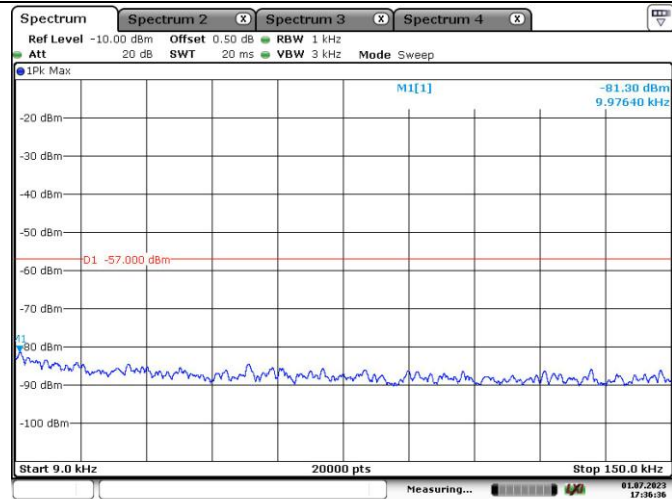


Date: 1.JUL.2023 17:35:22

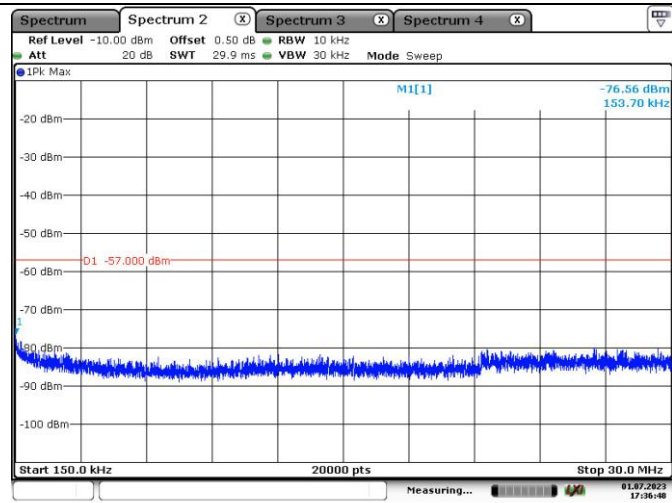


Date: 1.JUL.2023 17:36:18

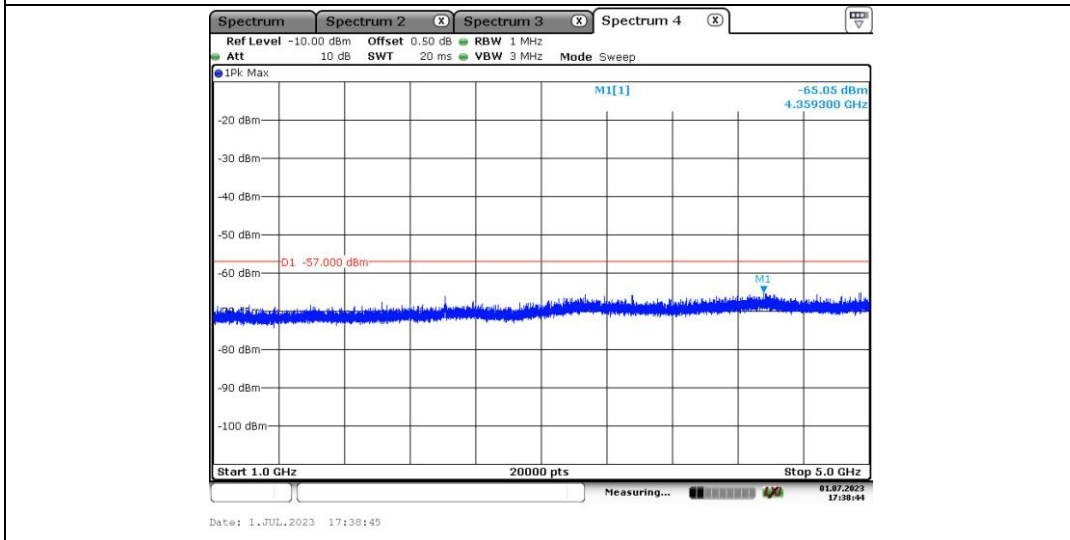
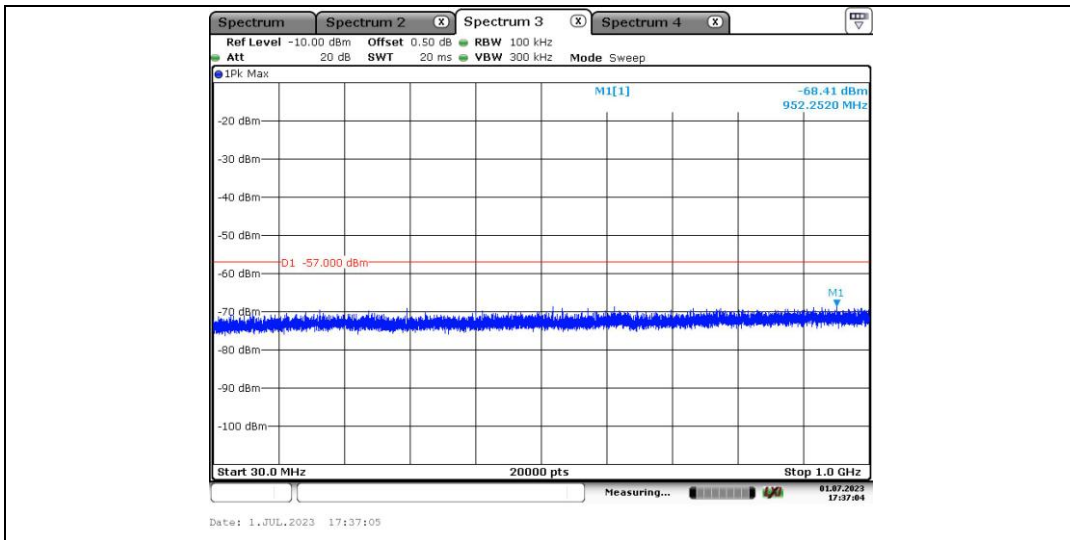
173.9875 MHz



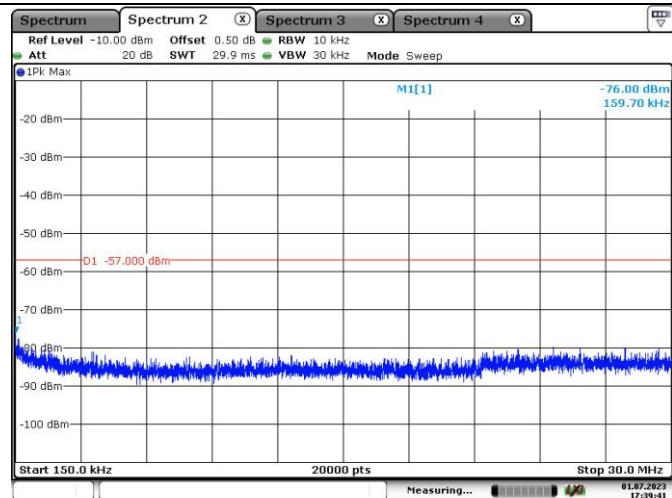
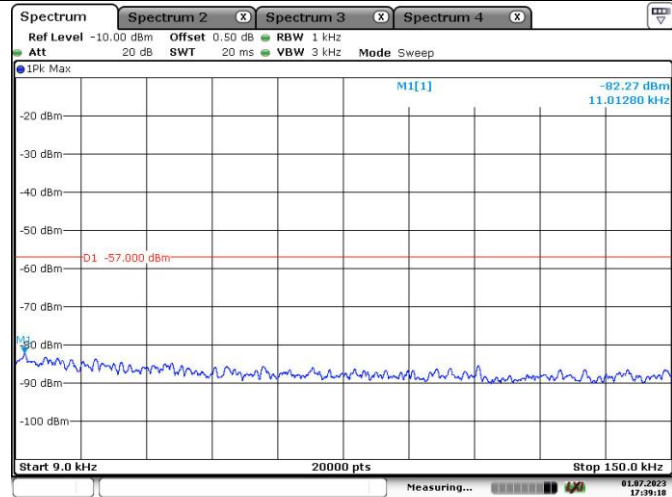
Date: 1.JUL.2023 17:36:37

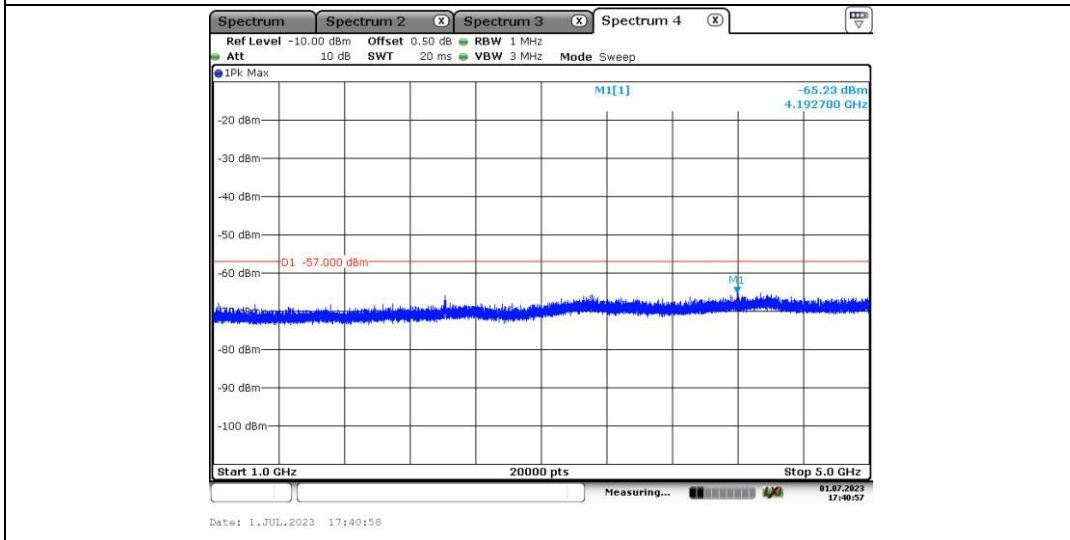
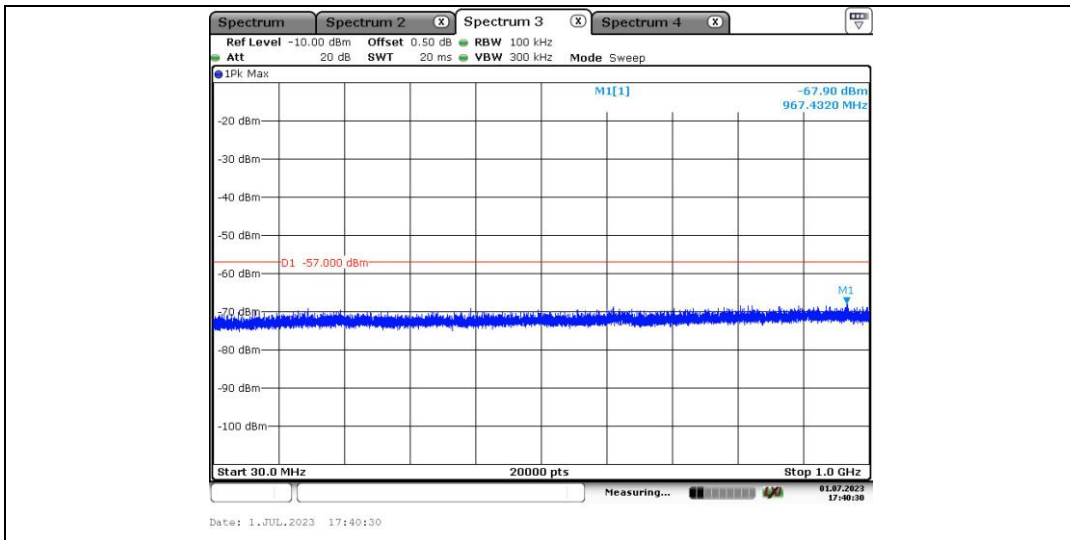


Date: 1.JUL.2023 17:36:49

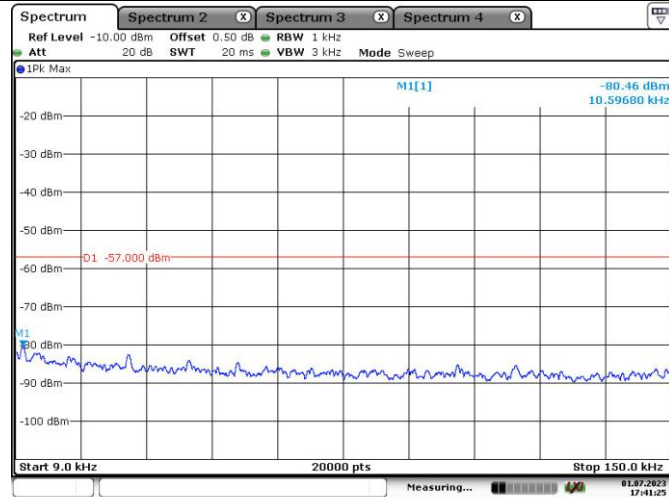


400.0125MHz

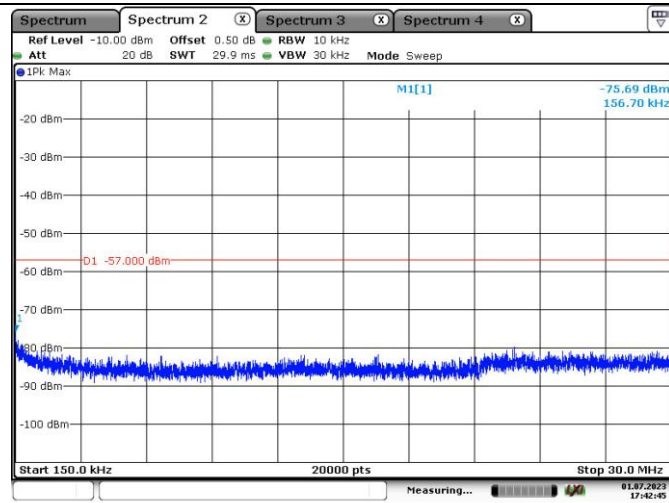




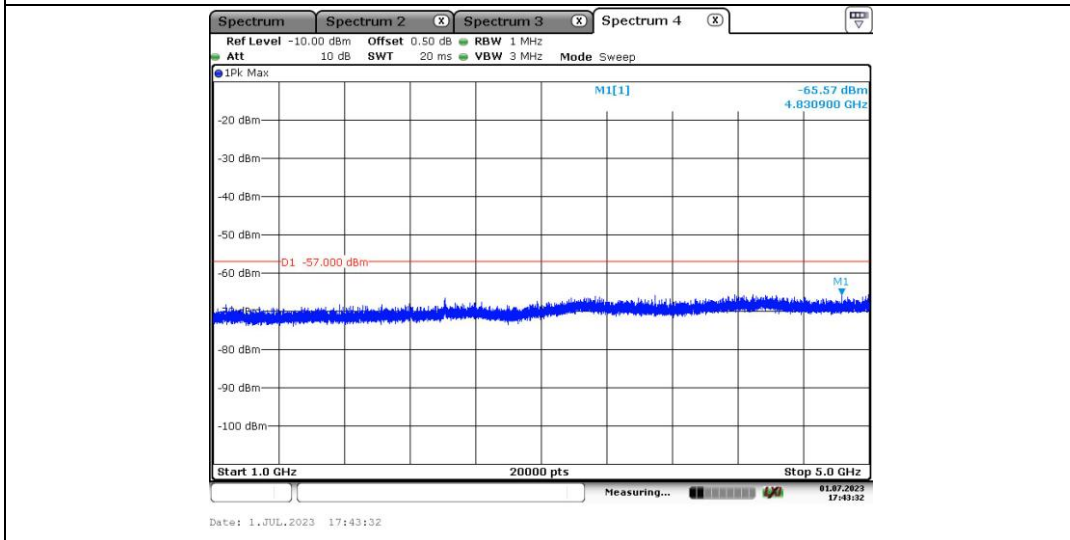
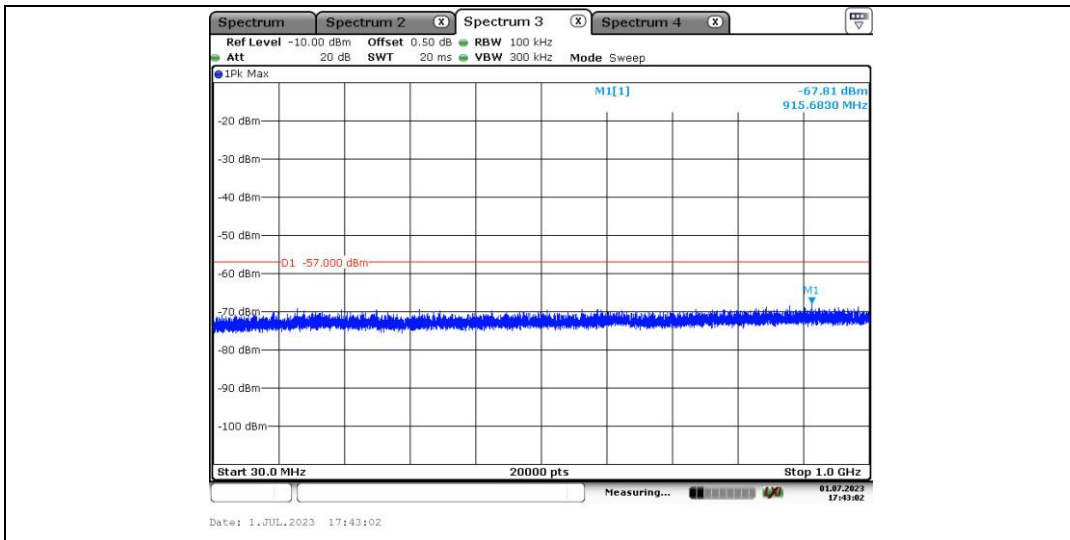
460 MHz



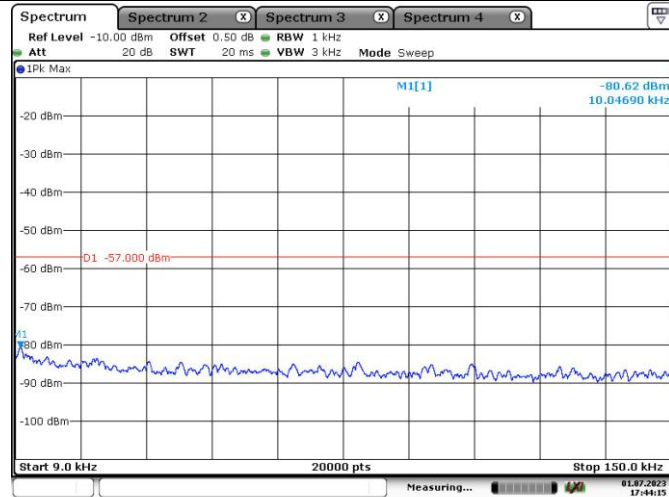
Date: 1.JUL.2023 17:41:25



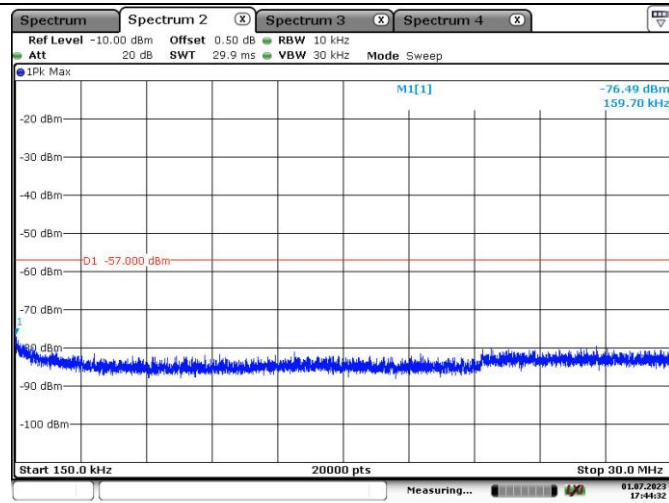
Date: 1.JUL.2023 17:42:45



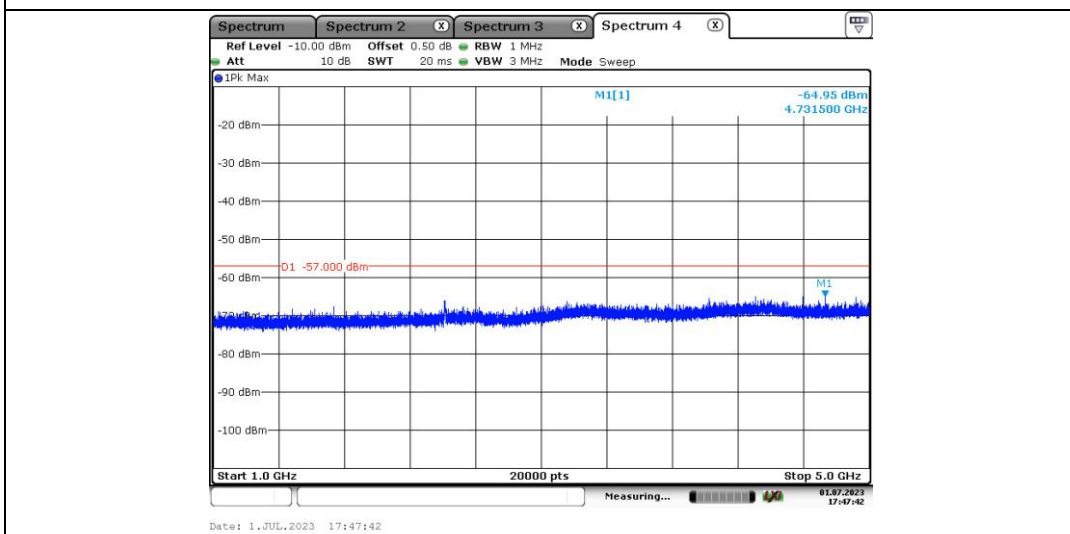
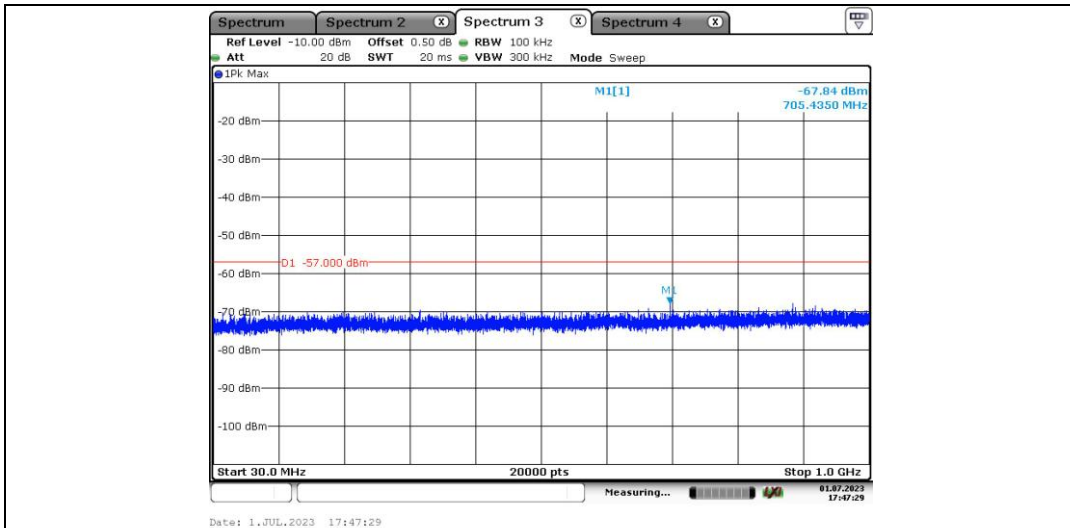
519.9875 MHz



Date: 1.JUL.2023 17:44:15



Date: 1.JUL.2023 17:44:33



4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	26T7-1	Test Date:	2023/07/01
Test Site:	RF	Test Mode:	Scanning
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	25.3	Relative Humidity: (%)	60	ATM Pressure: (kPa)	100.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
YINSAIGE	Coaxial Cable	LMR300	NJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	LMR300	NJ0100002	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30
HP	RF Communications Test Set	8920A	3438A05209	2023/3/31	2024/3/30
Mini-Circuits	Power Splitter	ZFRSC-183-S+	S F448201619	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).

Rated Output Power

Scanning Frequency Range	Test Frequency	Measurement Result	Limit
MHz	MHz	dB	dB
136-174/400-520	824, 836, 849, 869, 881.5, 894	44	>38

5. EUT PHOTOGRAPHS

Please refer to the attachment CR230633405-EXP EUT EXTERNAL PHOTOGRAPHS and CR230633405-
INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230633405-00A-TSP TEST SETUP PHOTOGRAPHS.

===== END OF REPORT =====