



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-UV19R

Product Name: Amateur Radio

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

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

Report Number: CR230633404-00A

Date Of Issue: 2023/9/16

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)

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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	CR230633404-00A	Original Report	2023/9/16

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

Product Name:	Amateur Radio
Test Model:	UV-19R
Multiple Models:	BF-19R, UV-19H, UV-19M, UV-19L
Highest Operation Frequency:	520MHz
Rated Input Voltage:	DC 7.4V from battery, DC 5V charging from USB (Note: EUT only support USB charging)
Serial Number:	26SR-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 MHz) M2: Charging & Receiving(136.0125MHz, 155 MHz, 173.9875MHz, 400.0125MHz, 460MHz, 519.9875MHz)
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

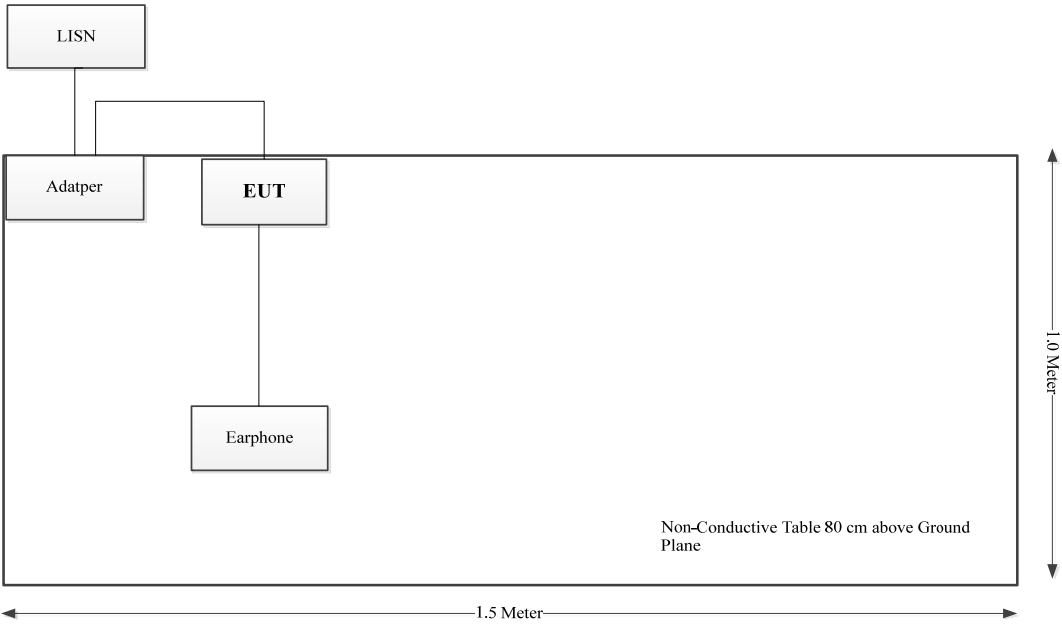
1.2.3 Support Cable List and Details

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

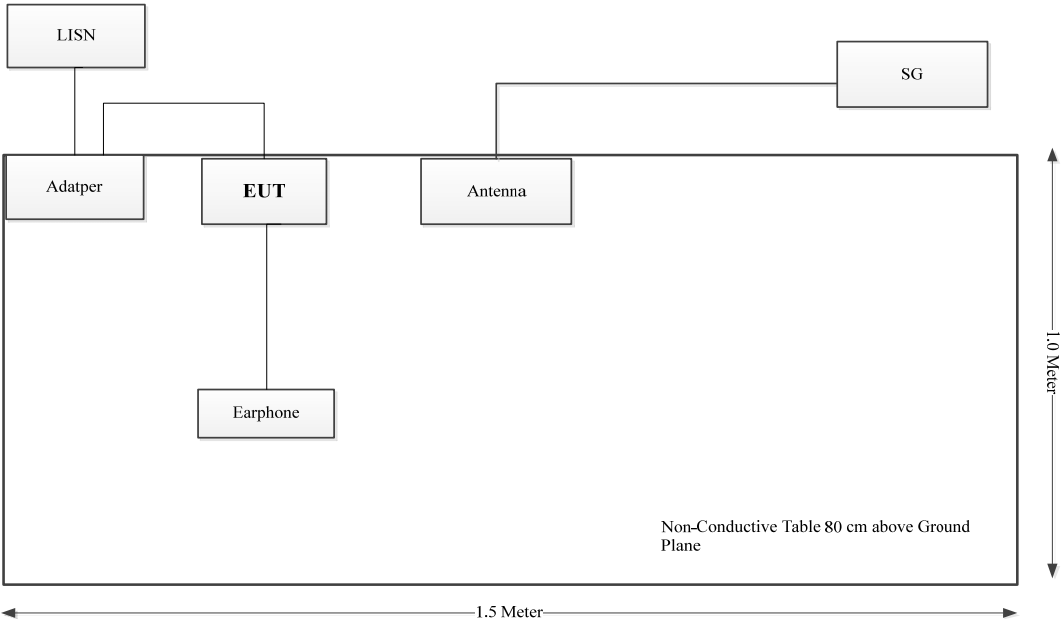
1.2.4 Block Diagram of Test Setup

CE:

M1:

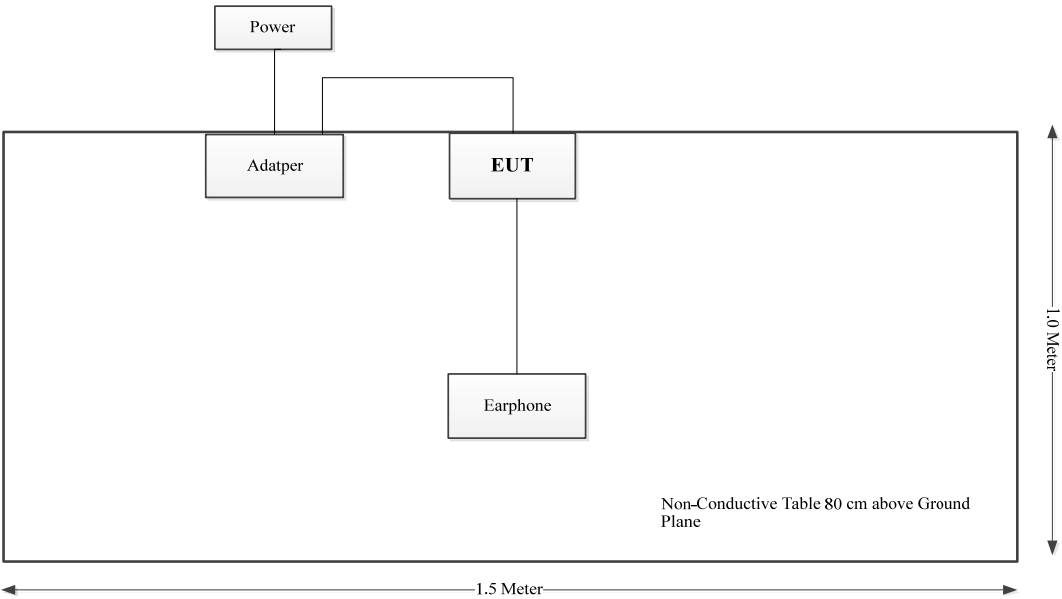


M2:

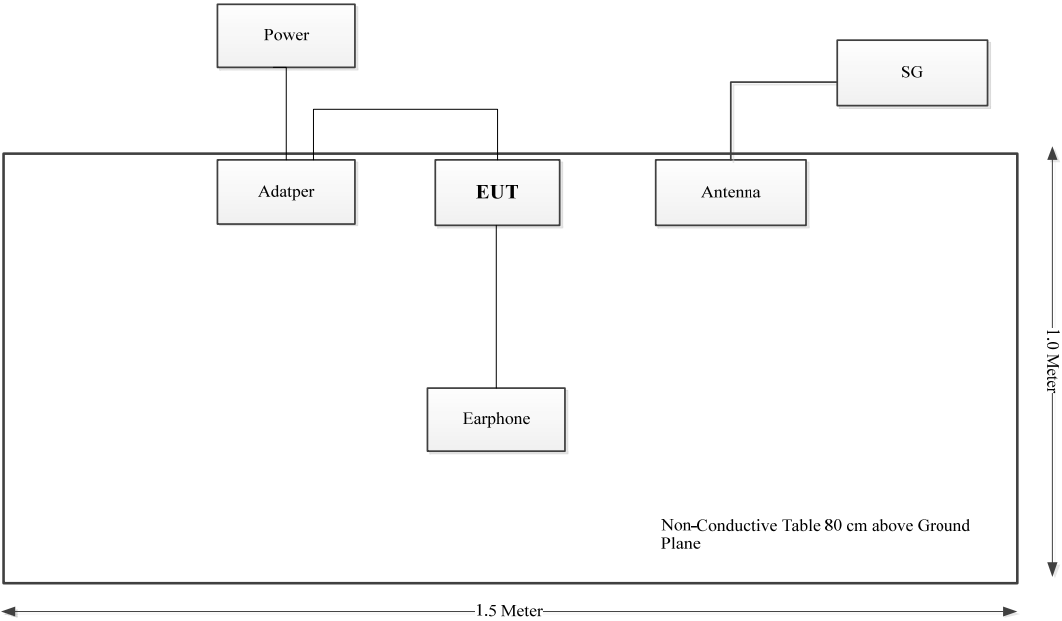


RE:

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)

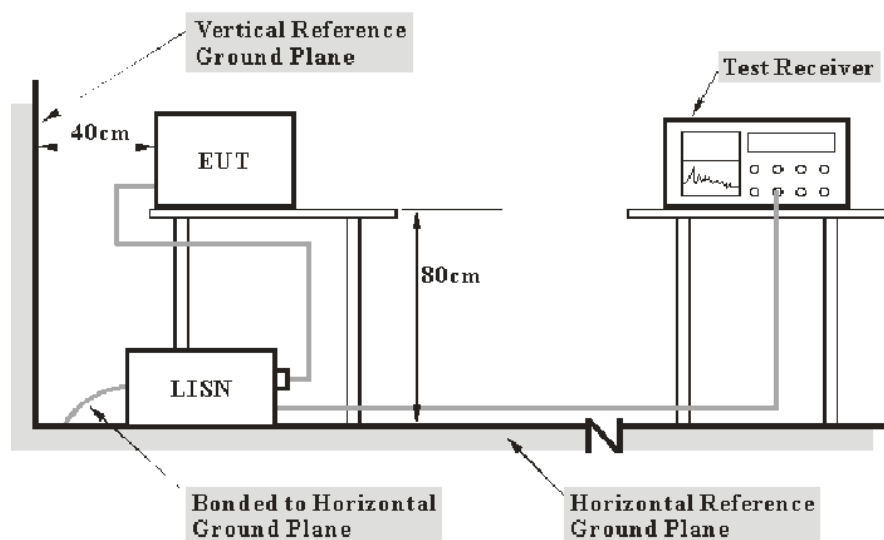
2. SUMMARY OF TEST RESULTS

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

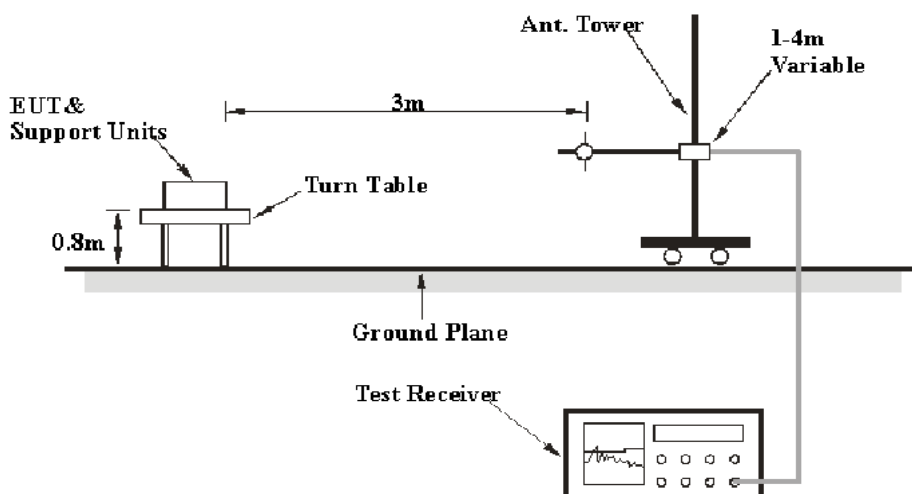
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

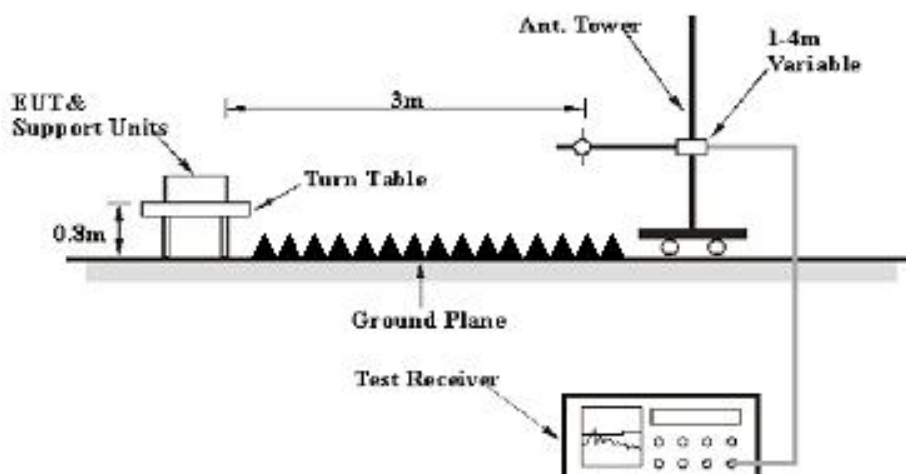
3.2 Radiation Spurious Emissions

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:	26SR-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: M1

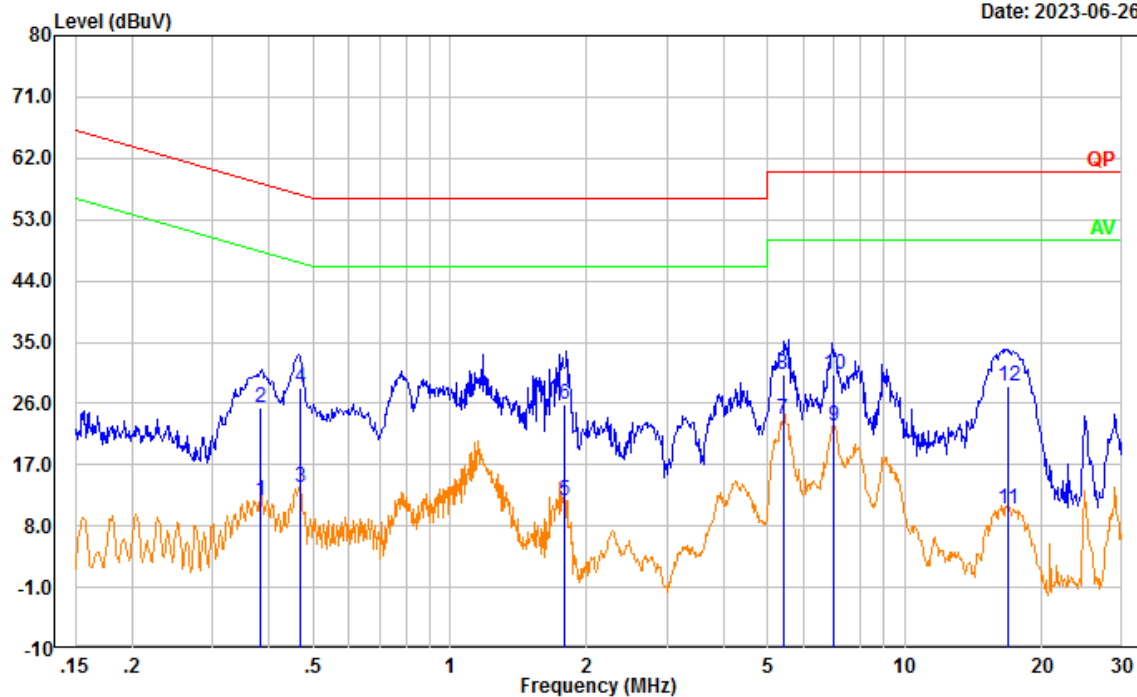
Project No.: CR230633404-RF

Tester: David Huang

Port: Line

Note:

Date: 2023-06-26



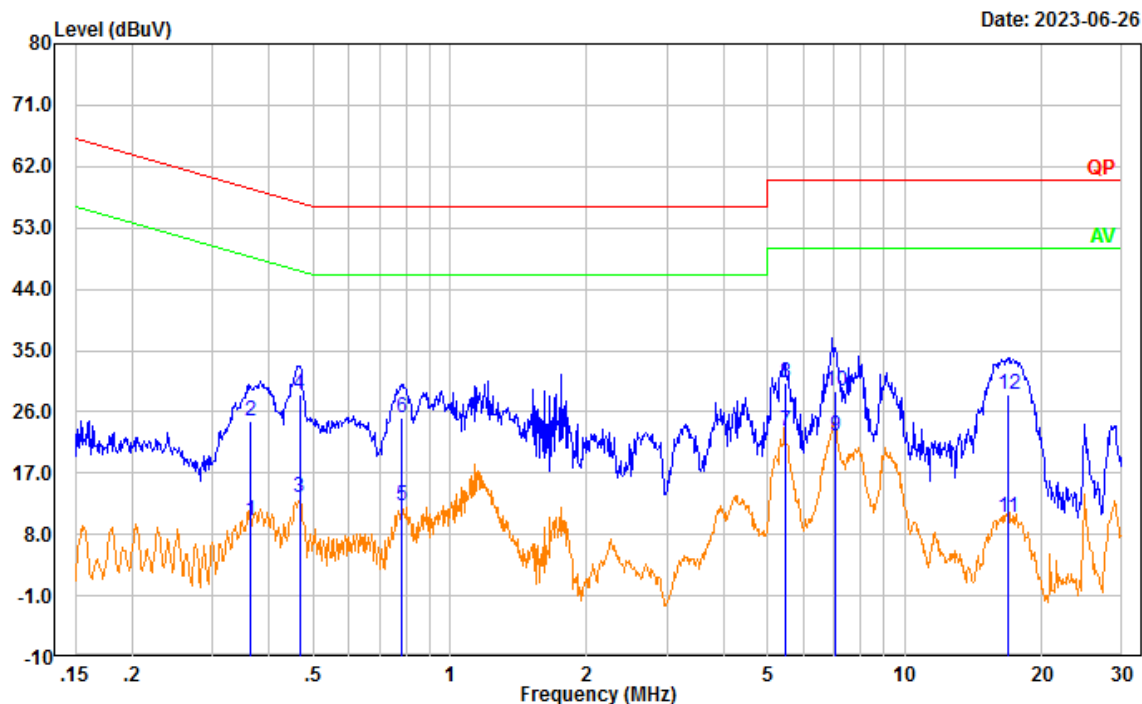
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.383	2.10	9.61	11.71	48.21	36.50	Average
2	0.383	15.78	9.61	25.39	58.21	32.82	QP
3	0.468	4.07	9.61	13.68	46.54	32.86	Average
4	0.468	18.79	9.61	28.40	56.54	28.14	QP
5	1.781	2.03	9.63	11.66	46.00	34.34	Average
6	1.781	16.12	9.63	25.75	56.00	30.25	QP
7	5.398	13.89	9.66	23.55	50.00	26.45	Average
8	5.398	20.64	9.66	30.30	60.00	29.70	QP
9	6.996	13.08	9.66	22.74	50.00	27.26	Average
10	6.996	20.69	9.66	30.35	60.00	29.65	QP
11	16.824	0.66	9.73	10.39	50.00	39.61	Average
12	16.824	18.73	9.73	28.46	60.00	31.54	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: Neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.363	0.45	9.61	10.06	48.65	38.59	Average
2	0.363	14.94	9.61	24.55	58.65	34.10	QP
3	0.467	3.72	9.61	13.33	46.57	33.24	Average
4	0.467	18.90	9.61	28.51	56.57	28.06	QP
5	0.781	2.53	9.62	12.15	46.00	33.85	Average
6	0.781	15.57	9.62	25.19	56.00	30.81	QP
7	5.485	13.57	9.66	23.23	50.00	26.77	Average
8	5.485	20.49	9.66	30.15	60.00	29.85	QP
9	7.057	12.69	9.66	22.35	50.00	27.65	Average
10	7.057	19.42	9.66	29.08	60.00	30.92	QP
11	16.864	0.91	9.69	10.60	50.00	39.40	Average
12	16.864	18.90	9.69	28.59	60.00	31.41	QP

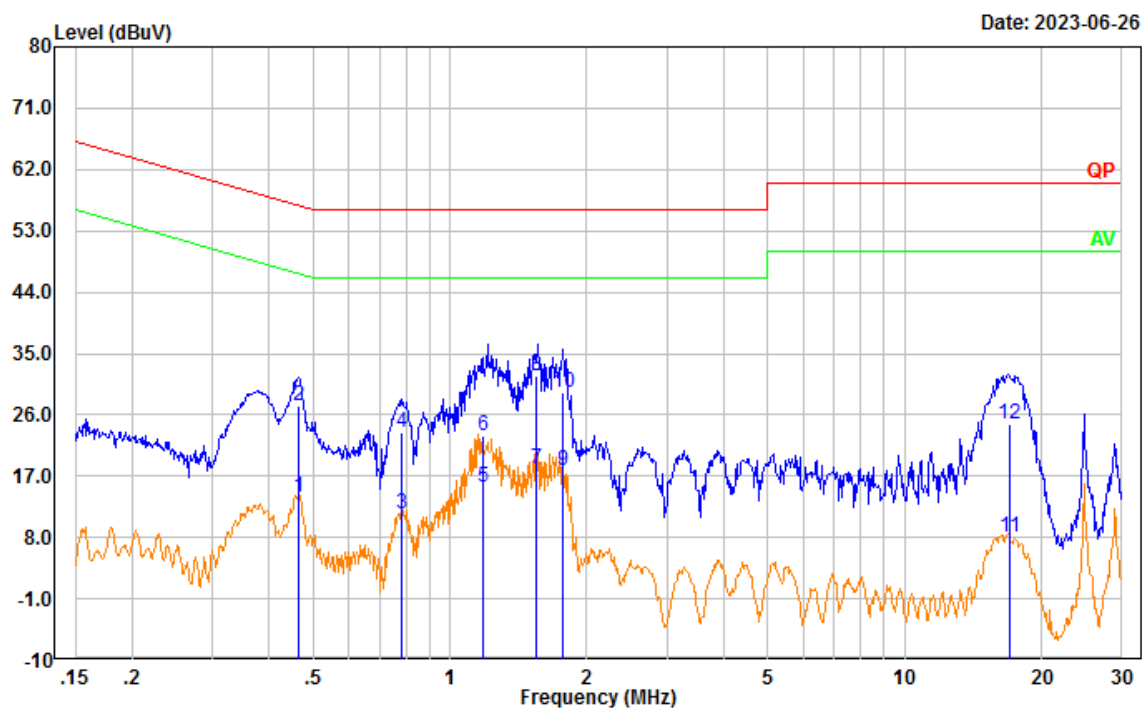
Test Mode: M2 (RX 136.0125MHz)

Project No.: CR230633404-RF

Tester: David Huang

Port: Line

Note:



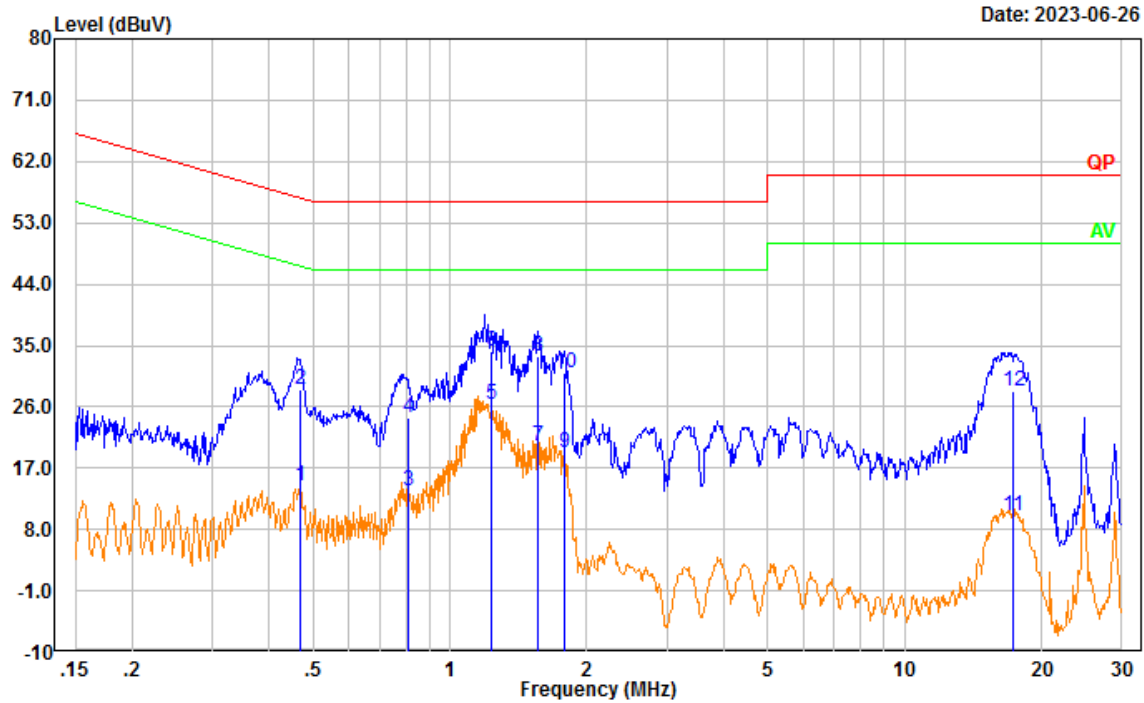
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.465	4.26	9.61	13.87	46.60	32.73	Average
2	0.465	17.68	9.61	27.29	56.60	29.31	QP
3	0.781	1.81	9.62	11.43	46.00	34.57	Average
4	0.781	13.86	9.62	23.48	56.00	32.52	QP
5	1.181	5.67	9.62	15.29	46.00	30.71	Average
6	1.181	13.23	9.62	22.85	56.00	33.15	QP
7	1.552	8.32	9.63	17.95	46.00	28.05	Average
8	1.552	22.06	9.63	31.69	56.00	24.31	QP
9	1.770	8.20	9.63	17.83	46.00	28.17	Average
10	1.770	19.63	9.63	29.26	56.00	26.74	QP
11	16.945	-1.60	9.73	8.13	50.00	41.87	Average
12	16.945	14.91	9.73	24.64	60.00	35.36	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.469	4.73	9.61	14.34	46.54	32.20	Average
2	0.469	18.81	9.61	28.42	56.54	28.12	QP
3	0.807	4.06	9.62	13.68	46.00	32.32	Average
4	0.807	14.80	9.62	24.42	56.00	31.58	QP
5	1.228	16.71	9.62	26.33	46.00	19.67	Average
6	1.228	24.56	9.62	34.18	56.00	21.82	QP
7	1.565	10.67	9.63	20.30	46.00	25.70	Average
8	1.565	23.79	9.63	33.42	56.00	22.58	QP
9	1.782	9.55	9.63	19.18	46.00	26.82	Average
10	1.782	21.29	9.63	30.92	56.00	25.08	QP
11	17.303	0.30	9.69	9.99	50.00	40.01	Average
12	17.303	18.62	9.69	28.31	60.00	31.69	QP

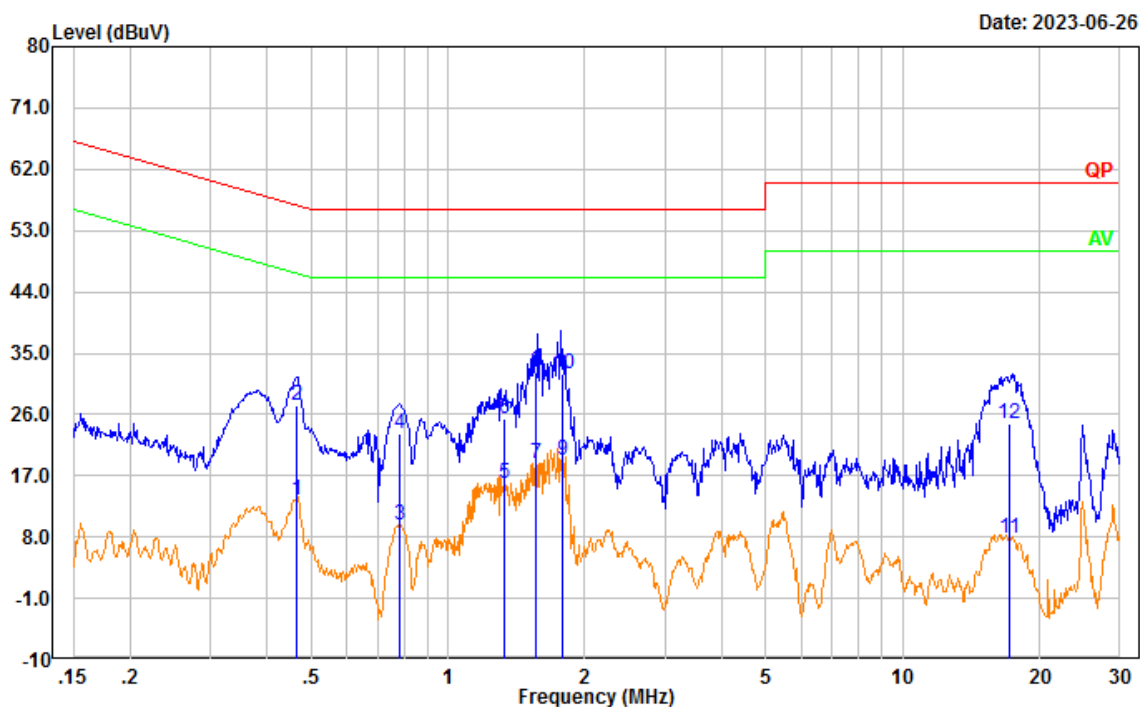
Test Mode: M2 (RX 155MHz)

Project No.: CR230633404-RF

Tester: David Huang

Port: Line

Note:



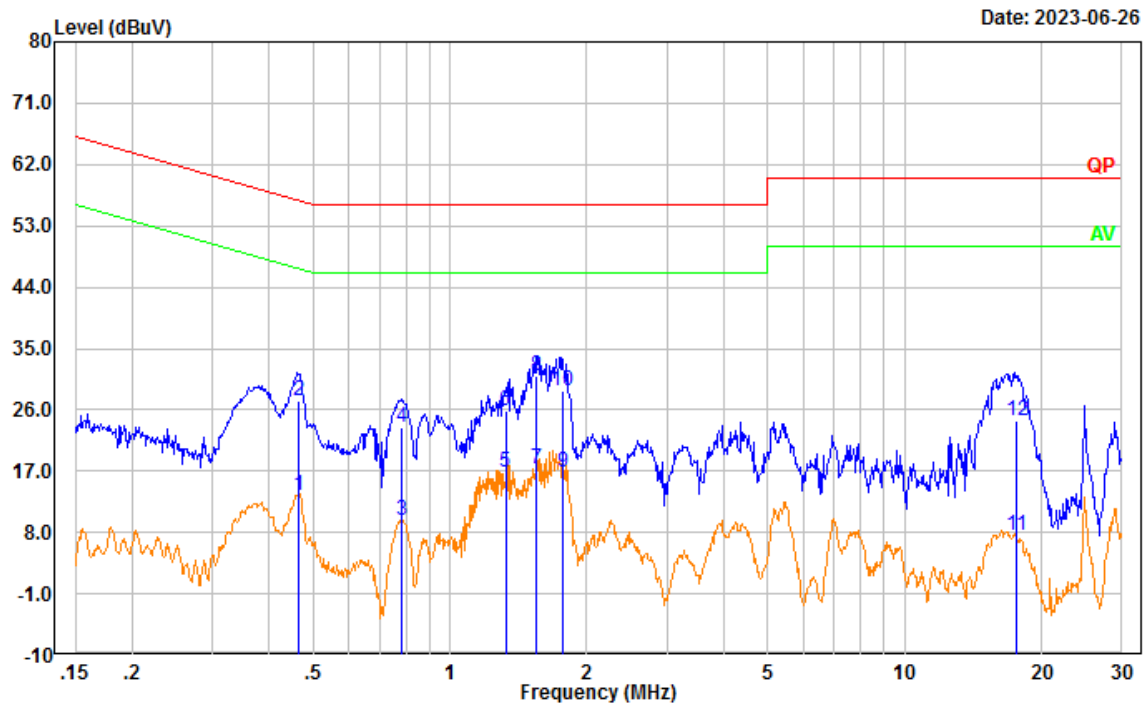
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.464	3.84	9.61	13.45	46.61	33.16	Average
2	0.464	17.64	9.61	27.25	56.61	29.36	QP
3	0.780	0.08	9.62	9.70	46.00	36.30	Average
4	0.780	13.66	9.62	23.28	56.00	32.72	QP
5	1.325	6.28	9.62	15.90	46.00	30.10	Average
6	1.325	15.68	9.62	25.30	56.00	30.70	QP
7	1.565	9.09	9.63	18.72	46.00	27.28	Average
8	1.565	22.51	9.63	32.14	56.00	23.86	QP
9	1.782	9.56	9.63	19.19	46.00	26.81	Average
10	1.782	22.23	9.63	31.86	56.00	24.14	QP
11	17.090	-1.95	9.73	7.78	50.00	42.22	Average
12	17.090	14.85	9.73	24.58	60.00	35.42	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: neutral

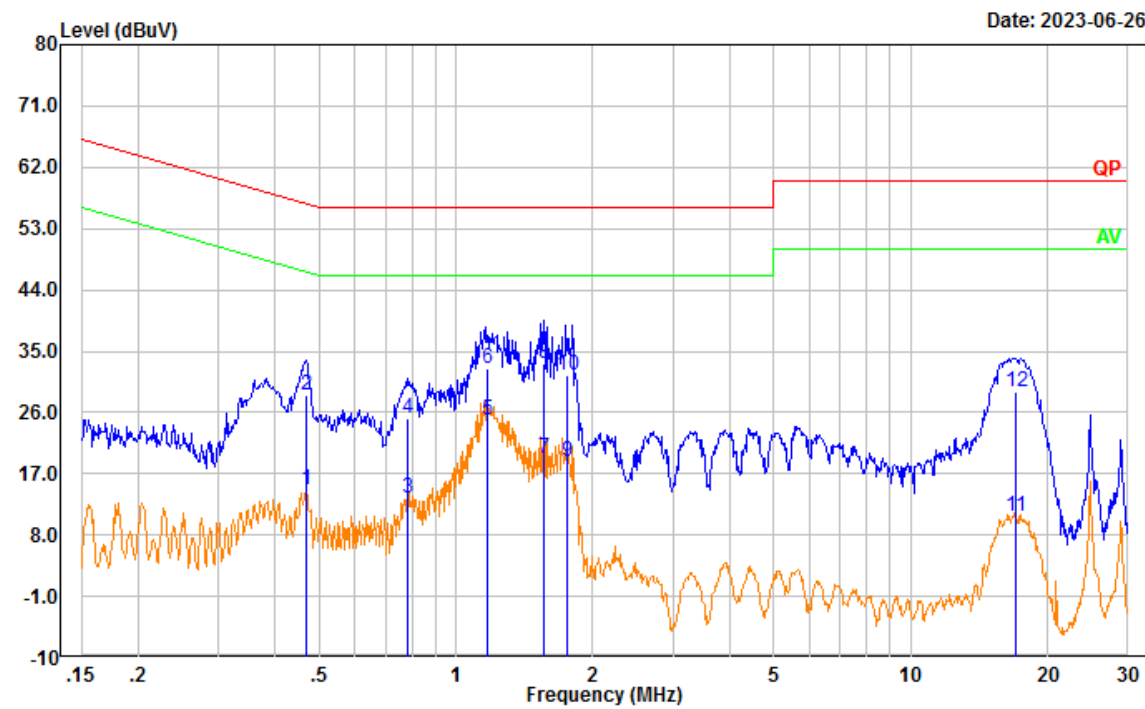
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.465	3.89	9.61	13.50	46.60	33.10	Average
2	0.465	17.67	9.61	27.28	56.60	29.32	QP
3	0.782	0.12	9.62	9.74	46.00	36.26	Average
4	0.782	13.69	9.62	23.31	56.00	32.69	QP
5	1.325	7.21	9.62	16.83	46.00	29.17	Average
6	1.325	16.23	9.62	25.85	56.00	30.15	QP
7	1.542	7.65	9.63	17.28	46.00	28.72	Average
8	1.542	21.44	9.63	31.07	56.00	24.93	QP
9	1.764	7.18	9.63	16.81	46.00	29.19	Average
10	1.764	19.22	9.63	28.85	56.00	27.15	QP
11	17.597	-2.13	9.69	7.56	50.00	42.44	Average
12	17.597	14.67	9.69	24.36	60.00	35.64	QP

Test Mode: M2 (RX 173.9875MHz)

Project No.: CR230633404-RF
Tester: David Huang
Port: Line
Note:



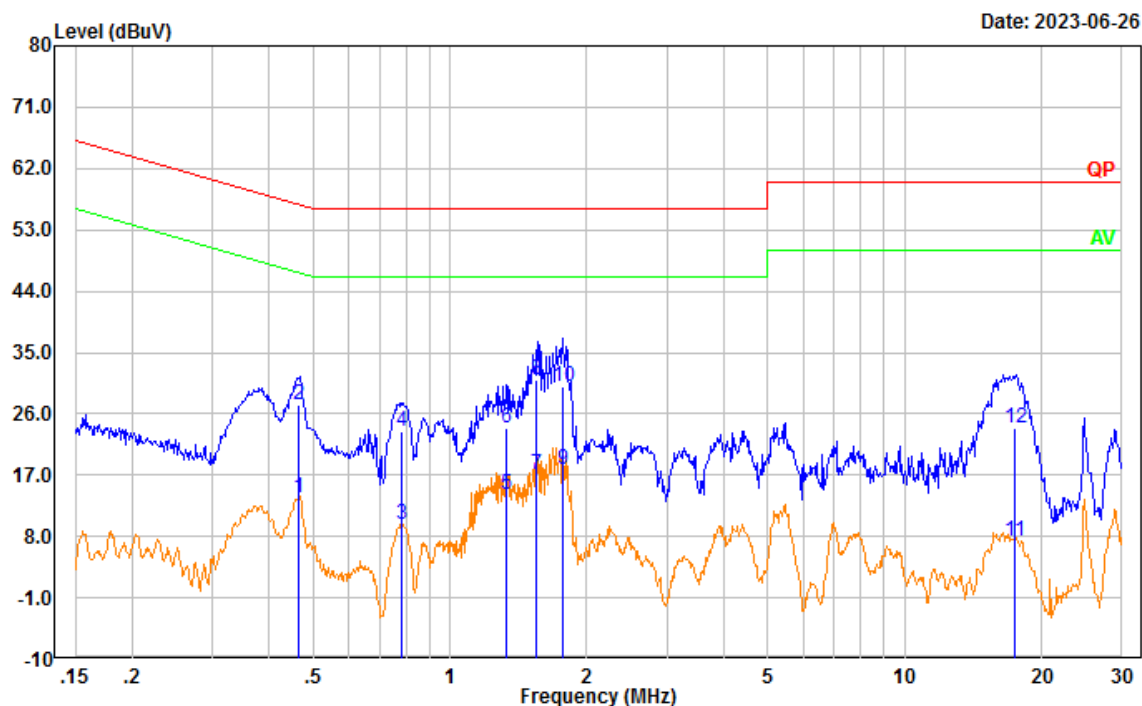
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.469	4.92	9.61	14.53	46.53	32.00	Average
2	0.469	18.99	9.61	28.60	56.53	27.93	QP
3	0.781	3.67	9.62	13.29	46.00	32.71	Average
4	0.781	15.56	9.62	25.18	56.00	30.82	QP
5	1.169	15.37	9.62	24.99	46.00	21.01	Average
6	1.169	22.89	9.62	32.51	56.00	23.49	QP
7	1.566	9.53	9.63	19.16	46.00	26.84	Average
8	1.566	23.53	9.63	33.16	56.00	22.84	QP
9	1.758	9.19	9.63	18.82	46.00	27.18	Average
10	1.758	21.78	9.63	31.41	56.00	24.59	QP
11	16.977	1.00	9.73	10.73	50.00	39.27	Average
12	16.977	19.23	9.73	28.96	60.00	31.04	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.466	4.07	9.61	13.68	46.58	32.90	Average
2	0.466	17.69	9.61	27.30	56.58	29.28	QP
3	0.782	0.05	9.62	9.67	46.00	36.33	Average
4	0.782	13.68	9.62	23.30	56.00	32.70	QP
5	1.326	4.45	9.62	14.07	46.00	31.93	Average
6	1.326	14.32	9.62	23.94	56.00	32.06	QP
7	1.553	7.37	9.63	17.00	46.00	29.00	Average
8	1.553	21.34	9.63	30.97	56.00	25.03	QP
9	1.770	8.21	9.63	17.84	46.00	28.16	Average
10	1.770	20.48	9.63	30.11	56.00	25.89	QP
11	17.401	-2.38	9.69	7.31	50.00	42.69	Average
12	17.401	14.20	9.69	23.89	60.00	36.11	QP

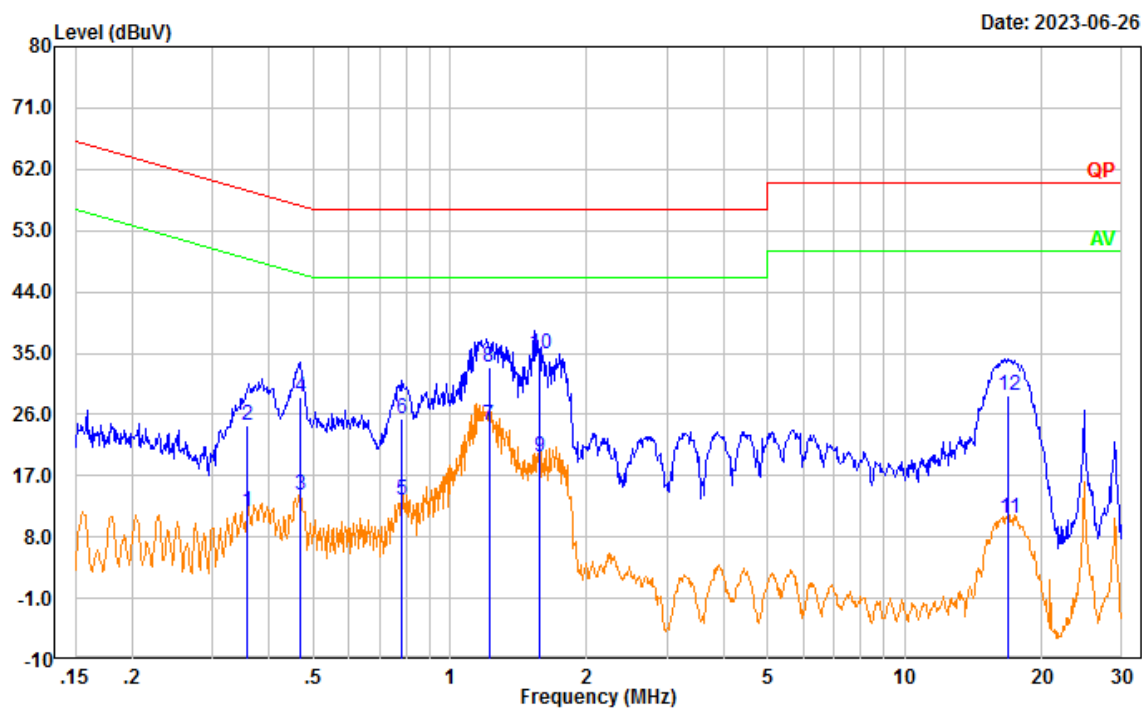
Test Mode: M2 (RX 400.0125MHz)

Project No.: CR230633404-RF

Tester: David Huang

Port: Line

Note:



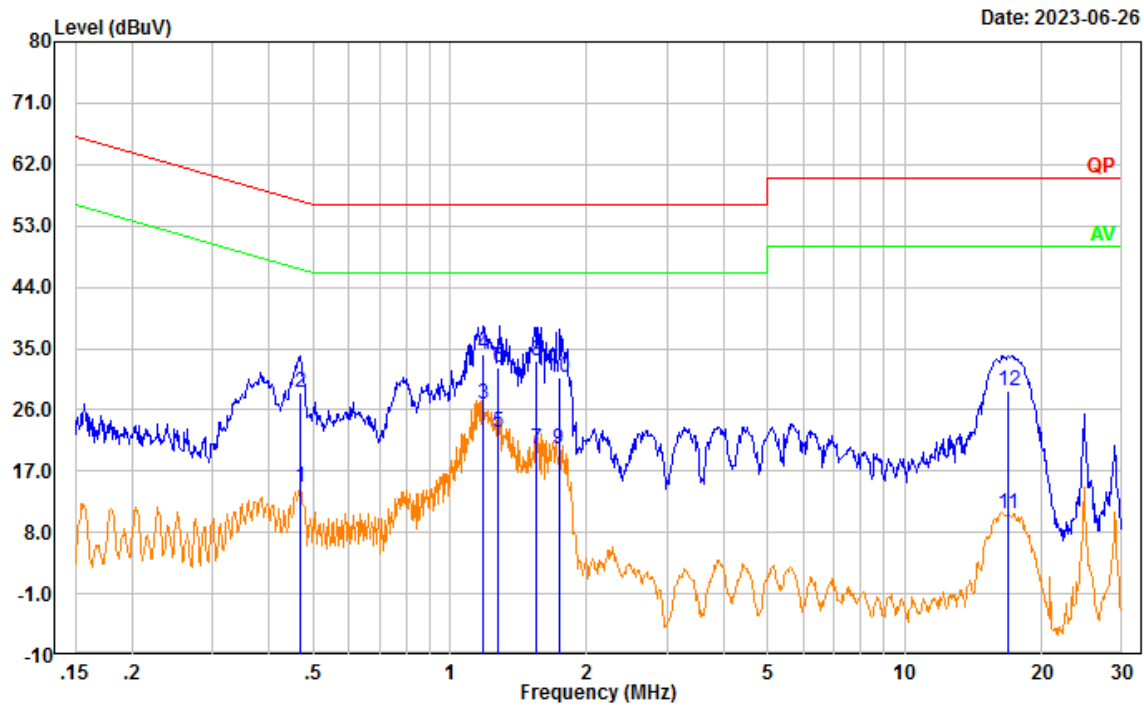
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.359	2.21	9.61	11.82	48.75	36.93	Average
2	0.359	14.67	9.61	24.28	58.75	34.47	QP
3	0.470	4.58	9.61	14.19	46.51	32.32	Average
4	0.470	18.95	9.61	28.56	56.51	27.95	QP
5	0.782	3.90	9.62	13.52	46.00	32.48	Average
6	0.782	15.65	9.62	25.27	56.00	30.73	QP
7	1.218	14.80	9.62	24.42	46.00	21.58	Average
8	1.218	23.24	9.62	32.86	56.00	23.14	QP
9	1.578	10.12	9.63	19.75	46.00	26.25	Average
10	1.578	25.22	9.63	34.85	56.00	21.15	QP
11	16.917	1.01	9.73	10.74	50.00	39.26	Average
12	16.917	19.16	9.73	28.89	60.00	31.11	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: neutral

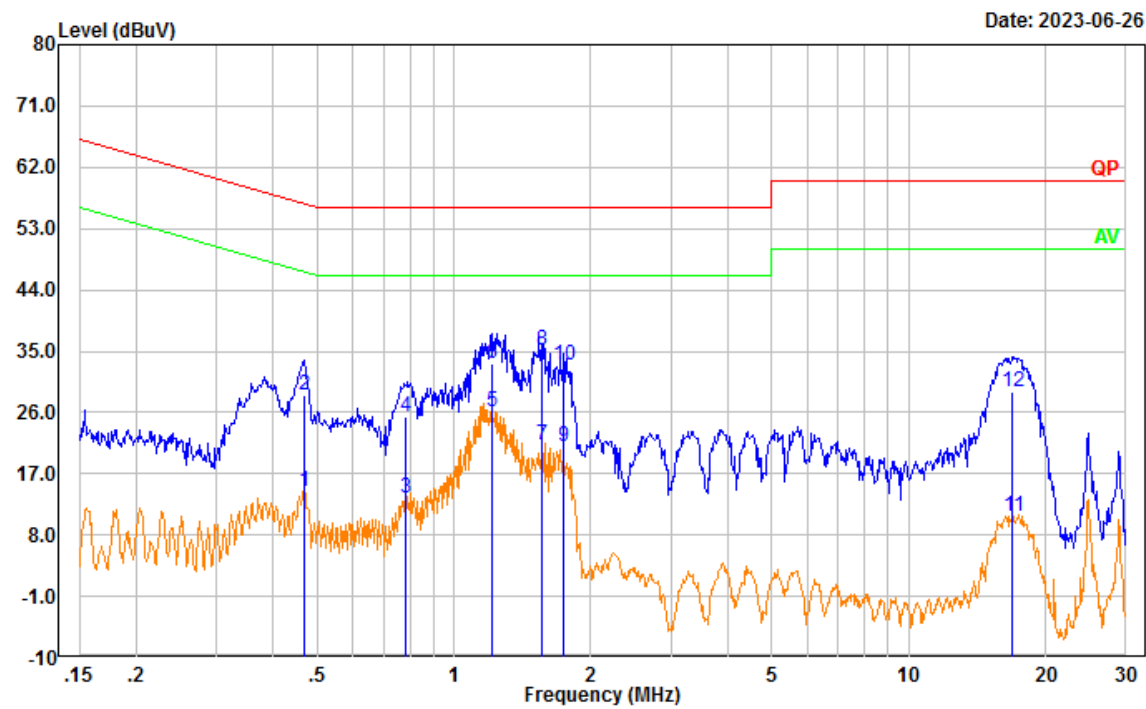
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.470	4.97	9.61	14.58	46.52	31.94	Average
2	0.470	18.96	9.61	28.57	56.52	27.95	QP
3	1.180	17.09	9.62	26.71	46.00	19.29	Average
4	1.180	24.57	9.62	34.19	56.00	21.81	QP
5	1.275	13.09	9.62	22.71	46.00	23.29	Average
6	1.275	22.58	9.62	32.20	56.00	23.80	QP
7	1.542	10.59	9.63	20.22	46.00	25.78	Average
8	1.542	23.59	9.63	33.22	56.00	22.78	QP
9	1.734	10.54	9.63	20.17	46.00	25.83	Average
10	1.734	21.11	9.63	30.74	56.00	25.26	QP
11	16.894	0.93	9.69	10.62	50.00	39.38	Average
12	16.894	19.05	9.69	28.74	60.00	31.26	QP

Test Mode: M2 (RX 460MHz)

Project No.: CR230633404-RF
Tester: David Huang
Port: Line
Note:



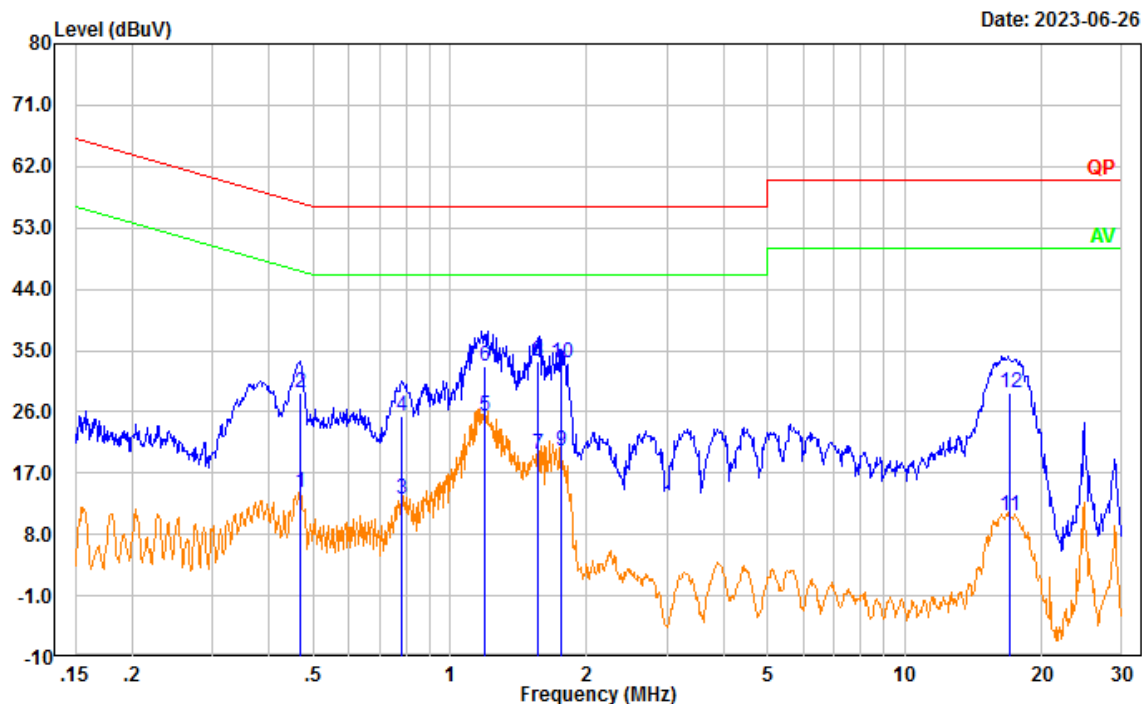
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.467	4.72	9.61	14.33	46.56	32.23	Average
2	0.467	19.02	9.61	28.63	56.56	27.93	QP
3	0.782	3.79	9.62	13.41	46.00	32.59	Average
4	0.782	15.63	9.62	25.25	56.00	30.75	QP
5	1.216	16.58	9.62	26.20	46.00	19.80	Average
6	1.216	23.66	9.62	33.28	56.00	22.72	QP
7	1.565	11.52	9.63	21.15	46.00	24.85	Average
8	1.565	25.51	9.63	35.14	56.00	20.86	QP
9	1.745	11.30	9.63	20.93	46.00	25.07	Average
10	1.745	23.19	9.63	32.82	56.00	23.18	QP
11	16.925	1.00	9.73	10.73	50.00	39.27	Average
12	16.925	19.18	9.73	28.91	60.00	31.09	QP

Project No.: CR230633404-RF

Tester: David Huang

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.468	4.65	9.61	14.26	46.55	32.29	Average
2	0.468	19.05	9.61	28.66	56.55	27.89	QP
3	0.782	3.65	9.62	13.27	46.00	32.73	Average
4	0.782	15.66	9.62	25.28	56.00	30.72	QP
5	1.194	15.74	9.62	25.36	46.00	20.64	Average
6	1.194	23.17	9.62	32.79	56.00	23.21	QP
7	1.565	10.02	9.63	19.65	46.00	26.35	Average
8	1.565	23.78	9.63	33.41	56.00	22.59	QP
9	1.755	10.72	9.63	20.35	46.00	25.65	Average
10	1.755	23.55	9.63	33.18	56.00	22.82	QP
11	16.995	0.94	9.69	10.63	50.00	39.37	Average
12	16.995	19.19	9.69	28.88	60.00	31.12	QP

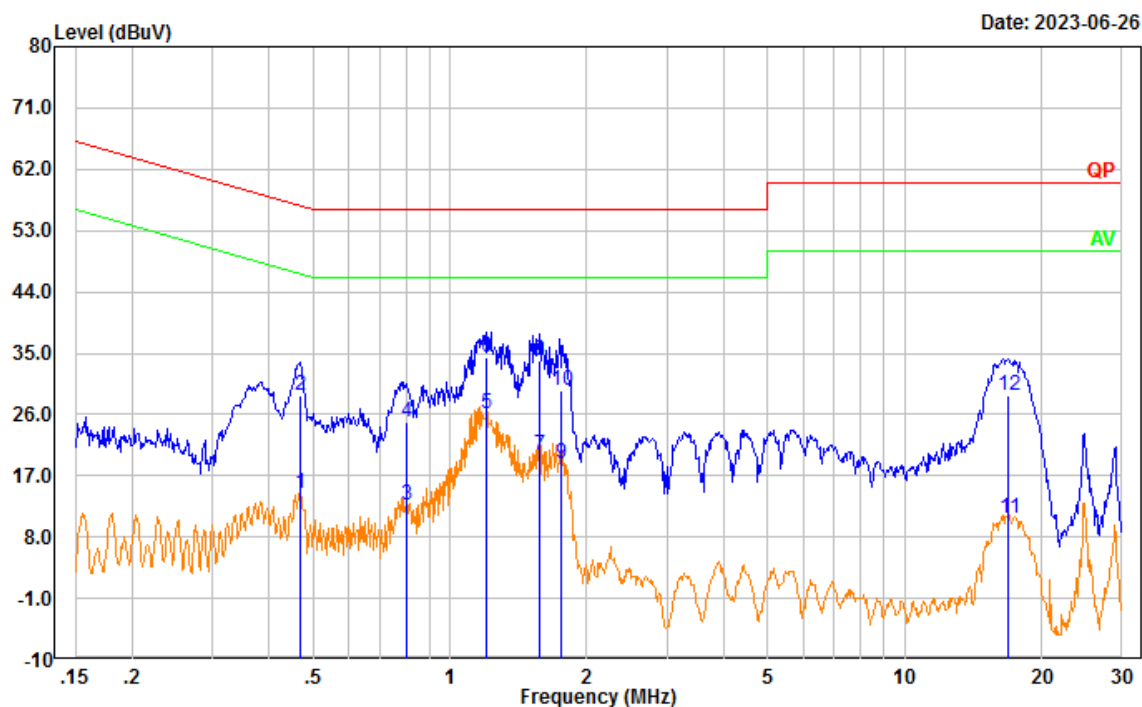
Test Mode: M2 (RX 519.9875MHz)

Project No.: CR230633404-RF

Tester: David Huang

Port: Line

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.468	4.84	9.61	14.45	46.54	32.09	Average
2	0.468	19.11	9.61	28.72	56.54	27.82	QP
3	0.804	3.03	9.62	12.65	46.00	33.35	Average
4	0.804	15.17	9.62	24.79	56.00	31.21	QP
5	1.204	16.43	9.62	26.05	46.00	19.95	Average
6	1.204	24.68	9.62	34.30	56.00	21.70	QP
7	1.577	10.25	9.63	19.88	46.00	26.12	Average
8	1.577	24.21	9.63	33.84	56.00	22.16	QP
9	1.758	9.07	9.63	18.70	46.00	27.30	Average
10	1.758	19.91	9.63	29.54	56.00	26.46	QP
11	16.918	1.01	9.73	10.74	50.00	39.26	Average
12	16.918	19.14	9.73	28.87	60.00	31.13	QP

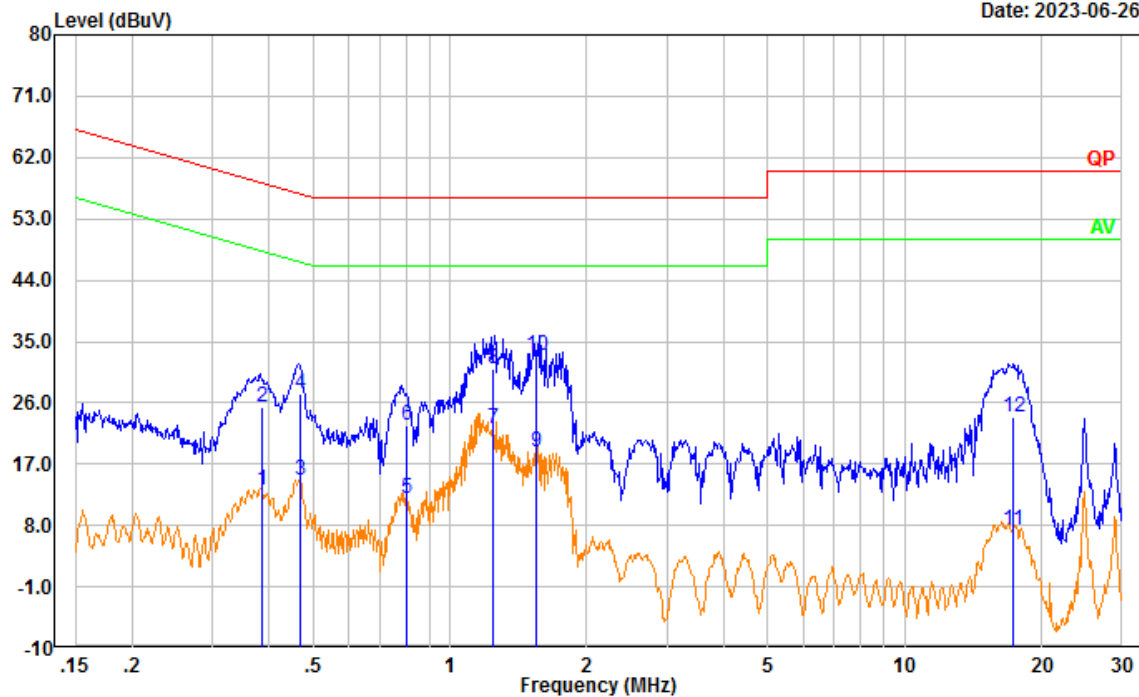
Project No.: CR230633404-RF

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	0.385	3.58	9.61	13.19	48.17	34.98	Average
2	0.385	15.79	9.61	25.40	58.17	32.77	QP
3	0.467	5.06	9.61	14.67	46.56	31.89	Average
4	0.467	17.78	9.61	27.39	56.56	29.17	QP
5	0.804	2.28	9.62	11.90	46.00	34.10	Average
6	0.804	13.05	9.62	22.67	56.00	33.33	QP
7	1.241	12.50	9.62	22.12	46.00	23.88	Average
8	1.241	21.31	9.62	30.93	56.00	25.07	QP
9	1.553	9.27	9.63	18.90	46.00	27.10	Average
10	1.553	23.32	9.63	32.95	56.00	23.05	QP
11	17.323	-2.47	9.69	7.22	50.00	42.78	Average
12	17.323	14.30	9.69	23.99	60.00	36.01	QP

4.2 Radiation Spurious Emissions

Serial Number:	26SR-1	Test Date:	Below 1GHz:2023/09/05 Above 1GHz:2023/06/26
Test Site:	966-1/966-2	Test Mode:	M1-M2
Tester:	Carl Xue, coco Tian	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	24.3~25.6	Relative Humidity: (%)	58~61	ATM Pressure: (kPa)	99.7~100.2

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

* 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).

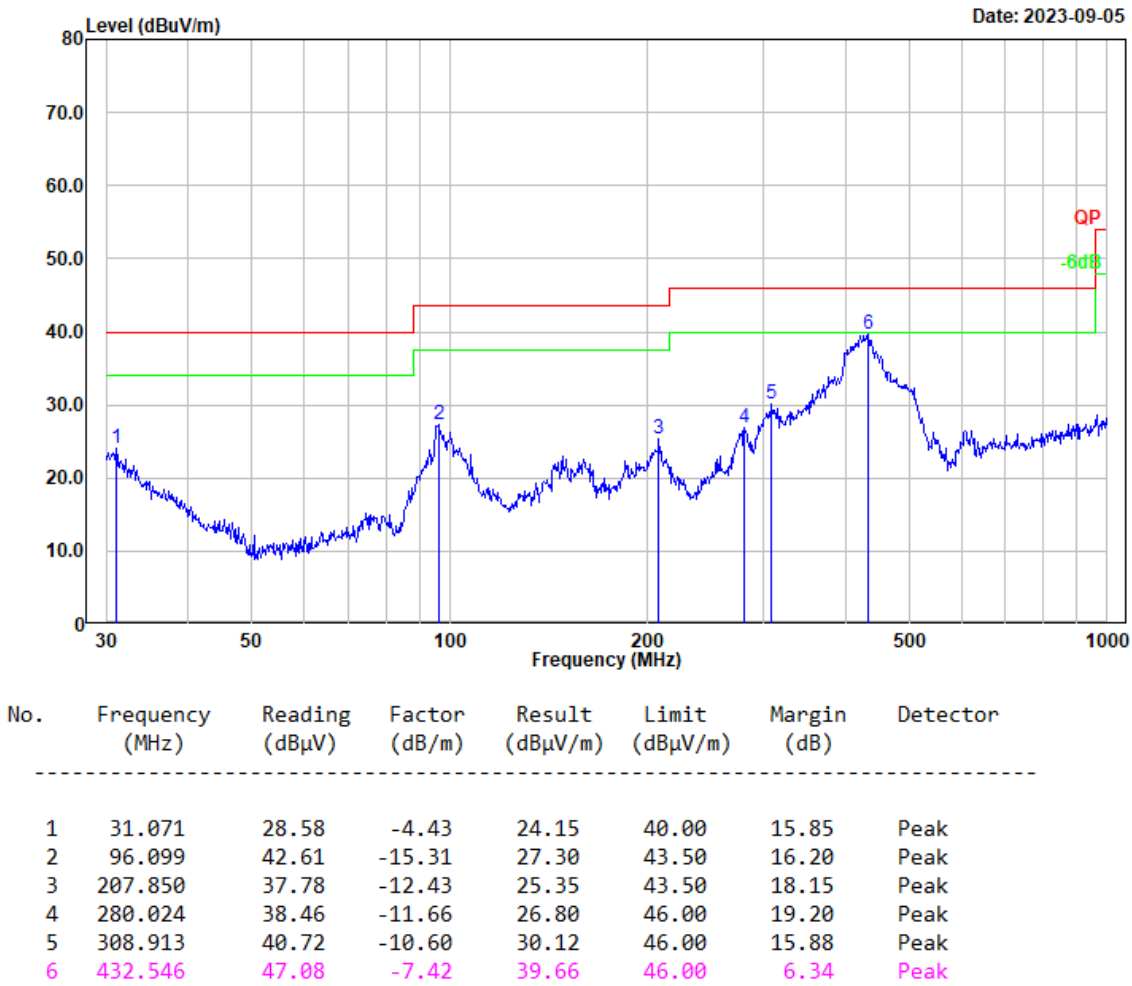
Test Data:

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

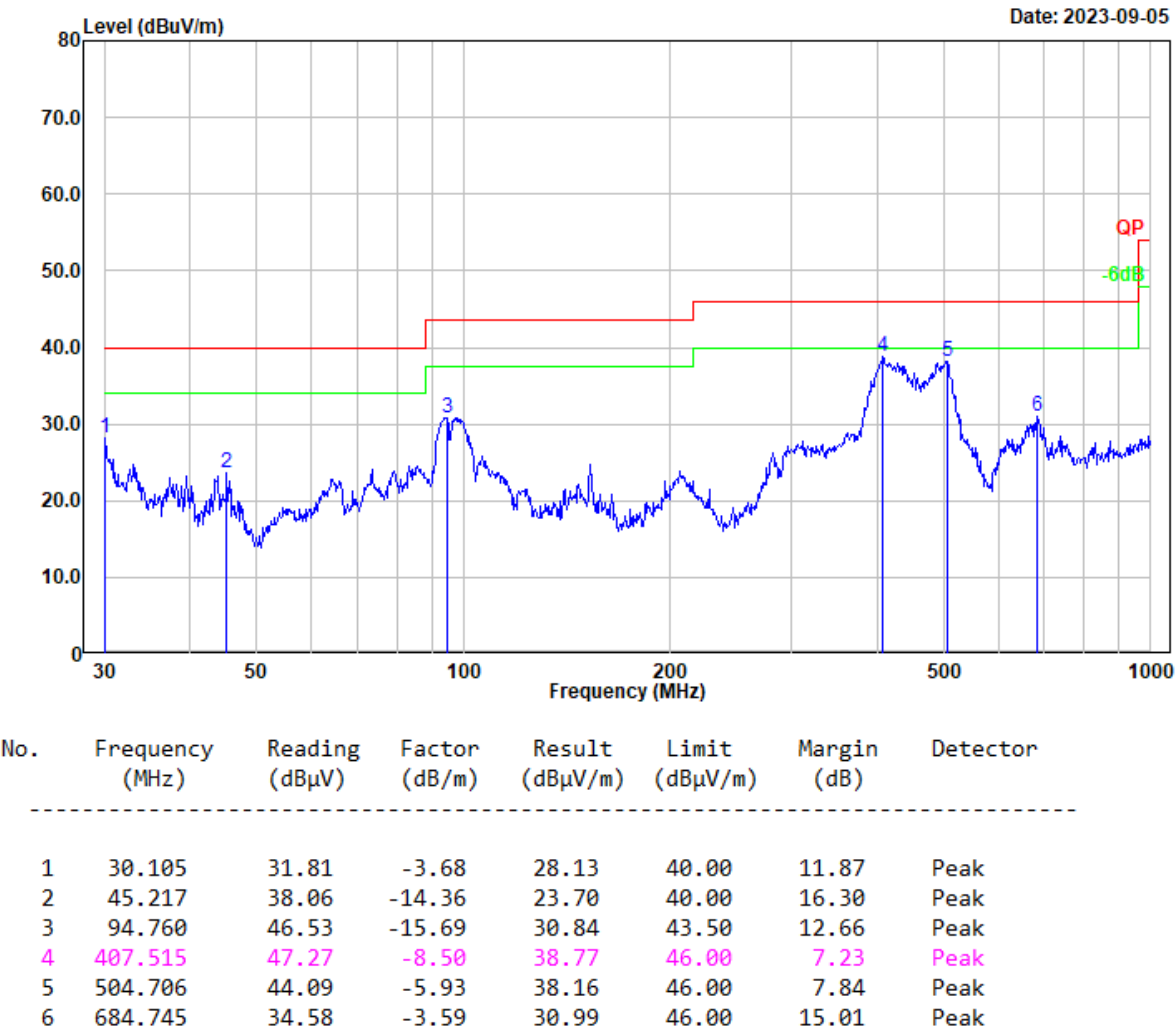
1) 30MHz-1GHz:

Test Mode: M1

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging& Scanning(136-520)
Polarization: horizontal
Note:

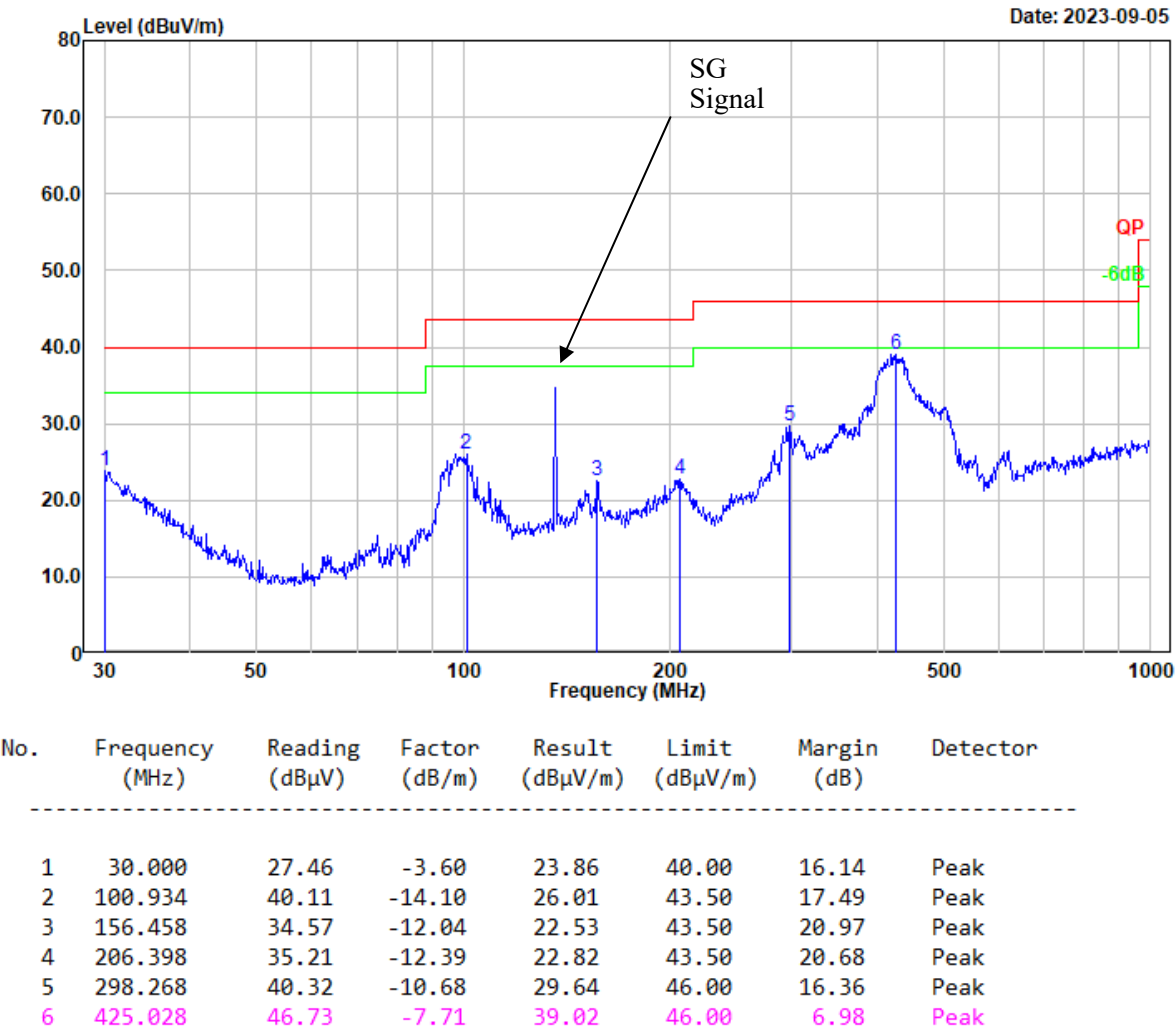


Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging& Scanning(136-520)
Polarization: vertical
Note:

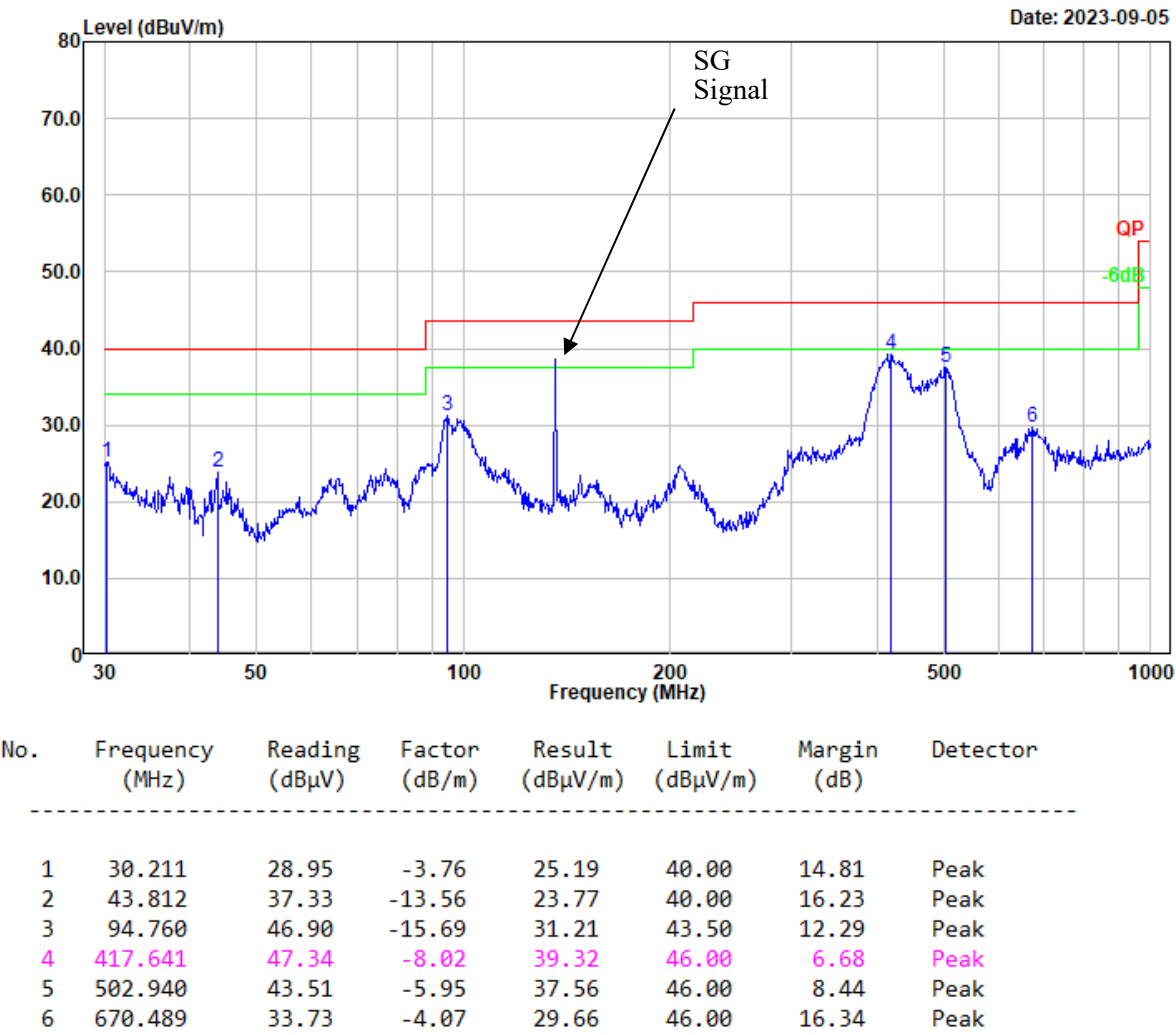


Test Mode: M2 (RX 136.0125MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(136.0125)
Polarization: horizontal
Note:

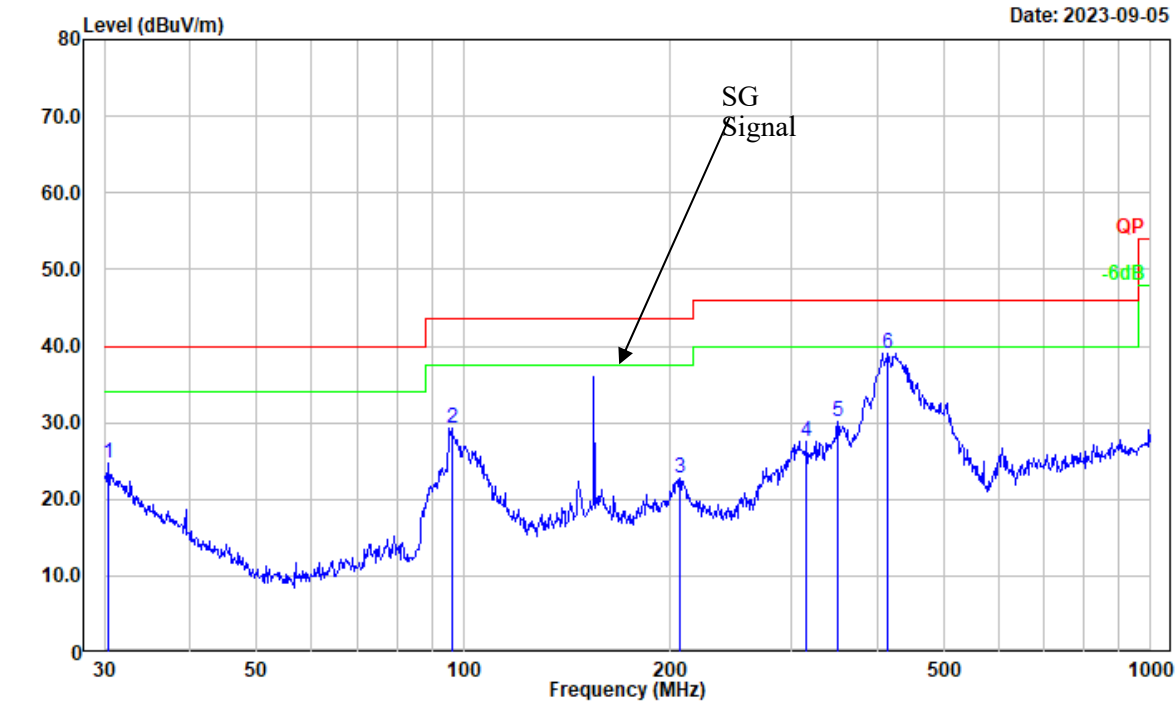


Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(136.0125)
Polarization: vertical
Note:



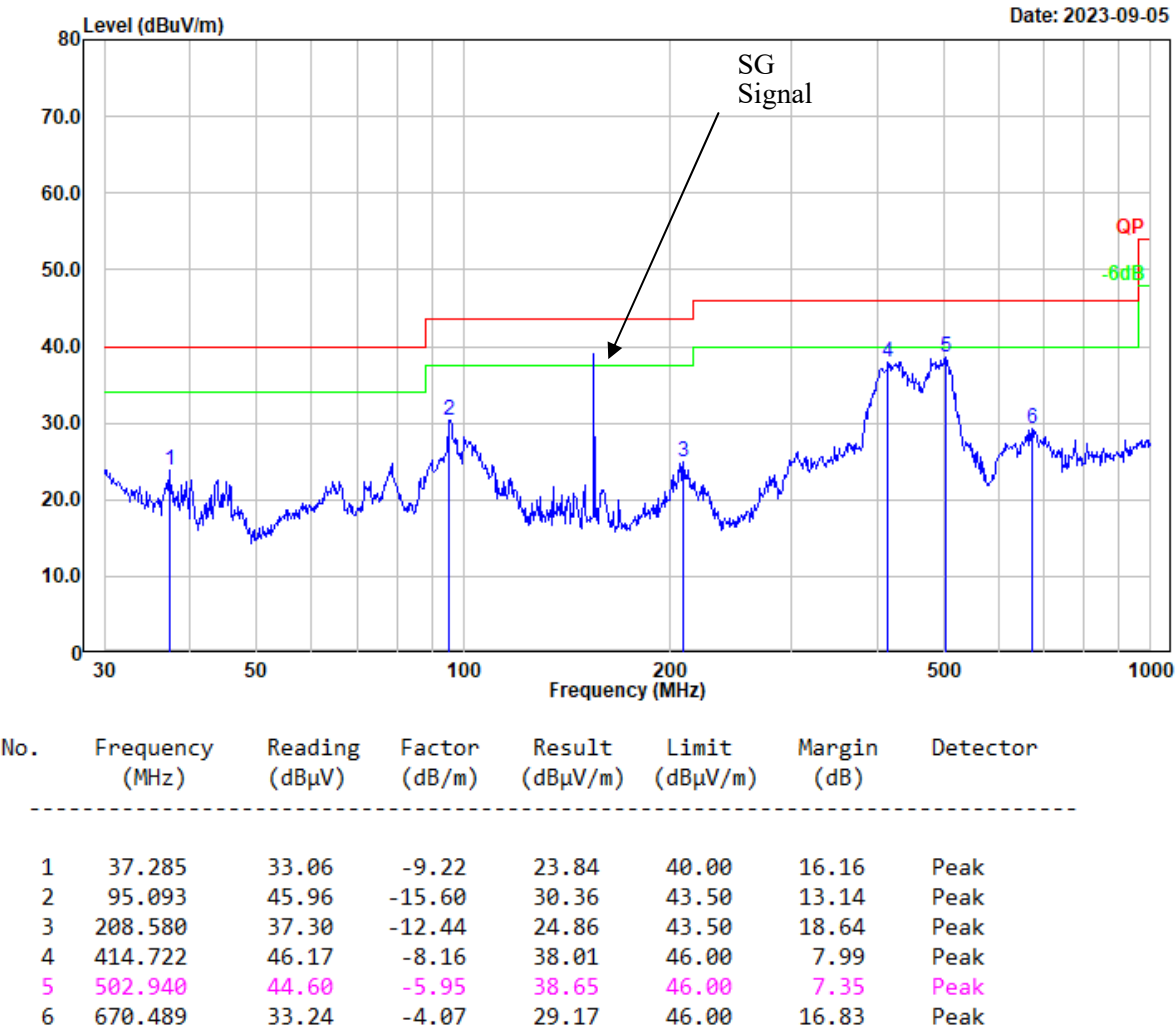
Test Mode: M2 (RX 155MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(155)
Polarization: horizontal
Note:



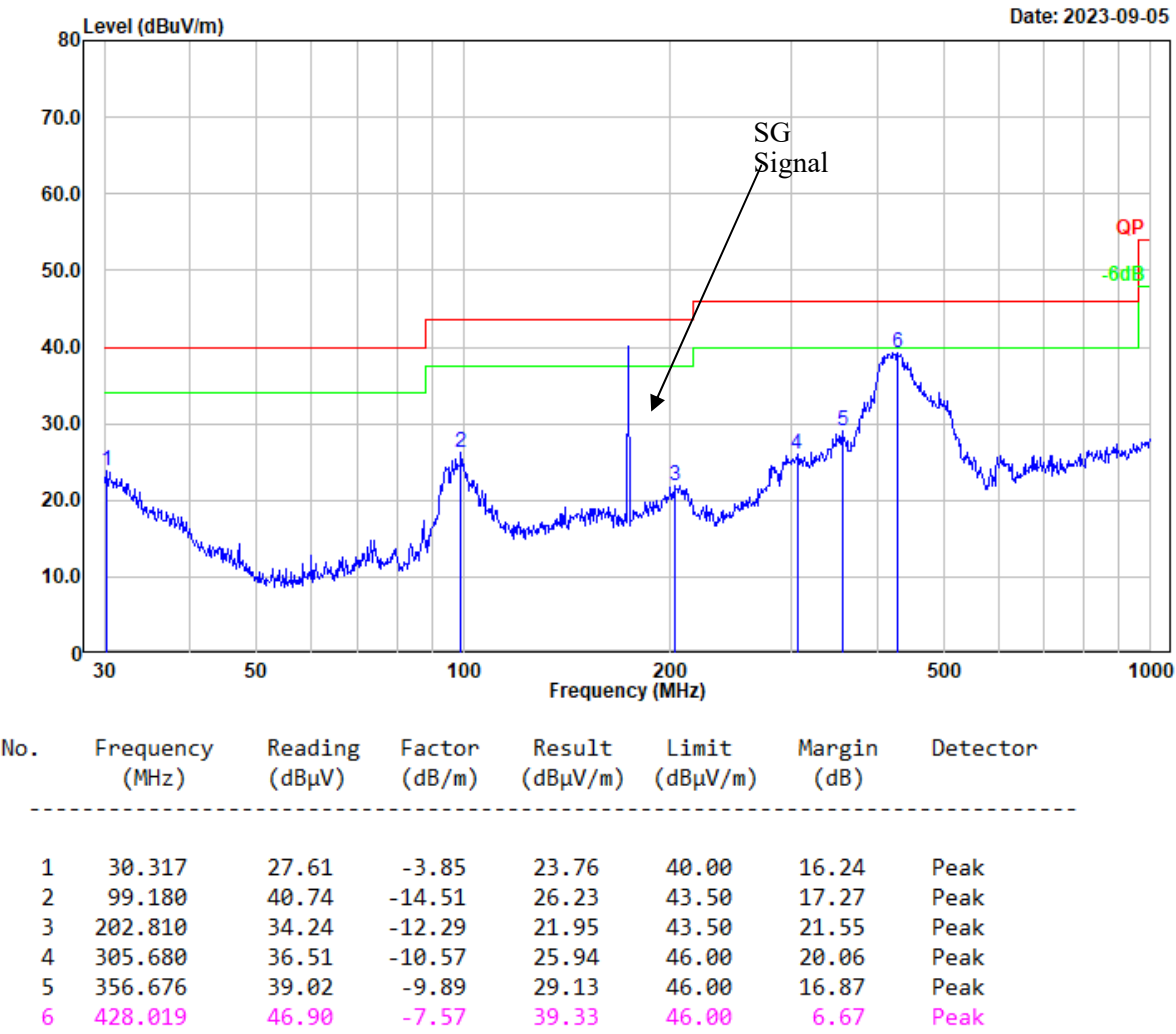
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.424	28.64	-3.93	24.71	40.00	15.29	Peak
2	96.099	44.66	-15.31	29.35	43.50	14.15	Peak
3	206.398	35.07	-12.39	22.68	43.50	20.82	Peak
4	315.481	38.20	-10.59	27.61	46.00	18.39	Peak
5	350.477	40.07	-10.03	30.04	46.00	15.96	Peak
6	413.271	47.28	-8.23	39.05	46.00	6.95	Peak

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(155)
Polarization: vertical
Note:

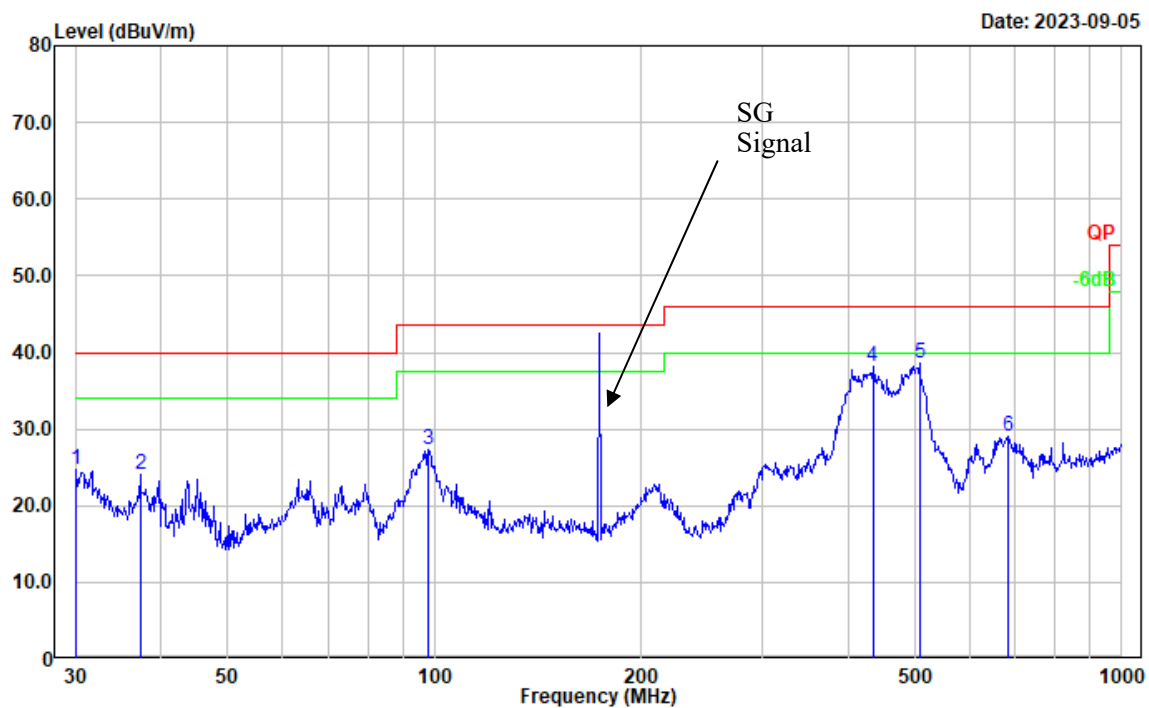


Test Mode: M2 (RX 173.9875 MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(173.9875)
Polarization: horizontal
Note:



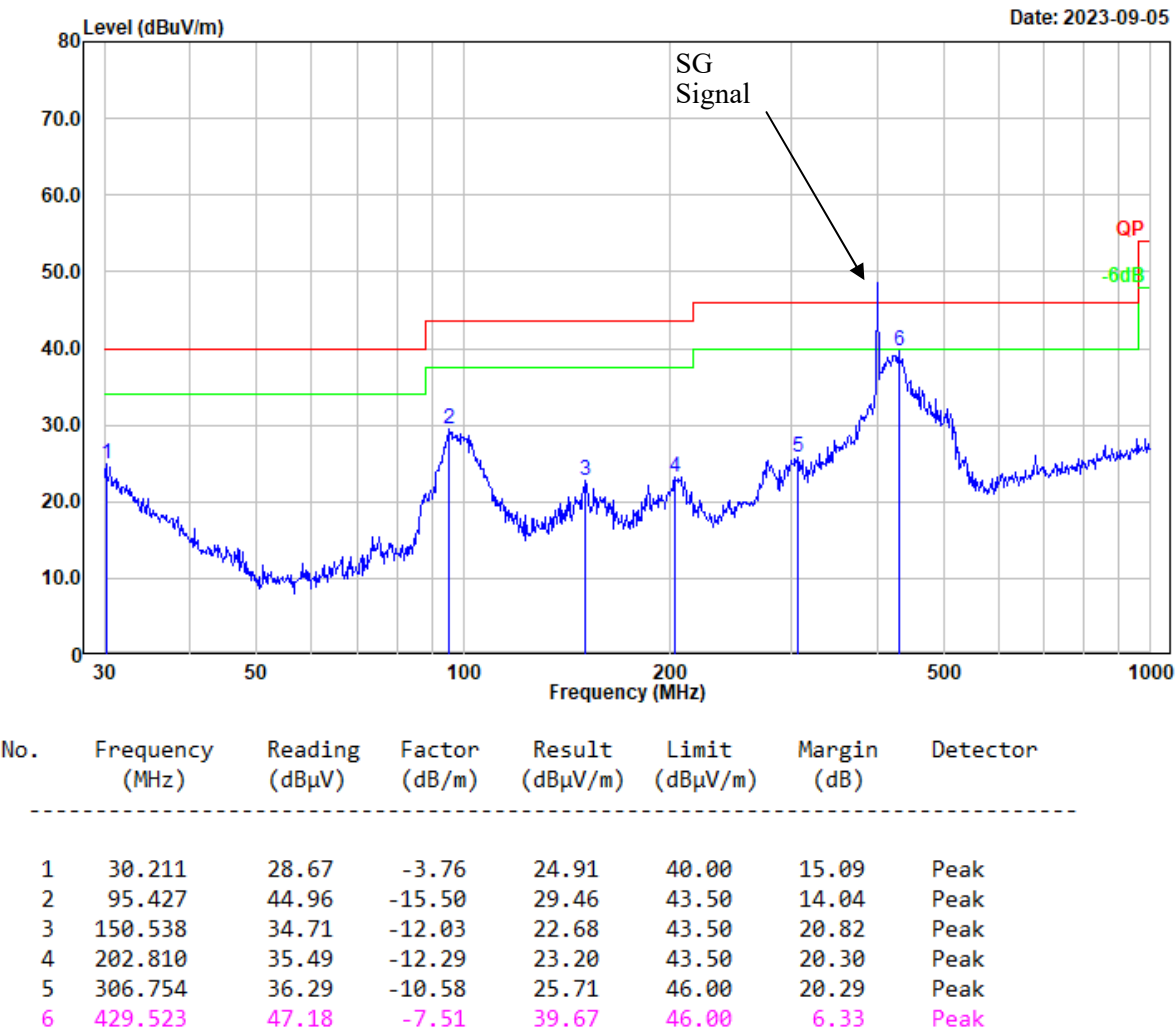
Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(173.9875)
Polarization: vertical
Note:



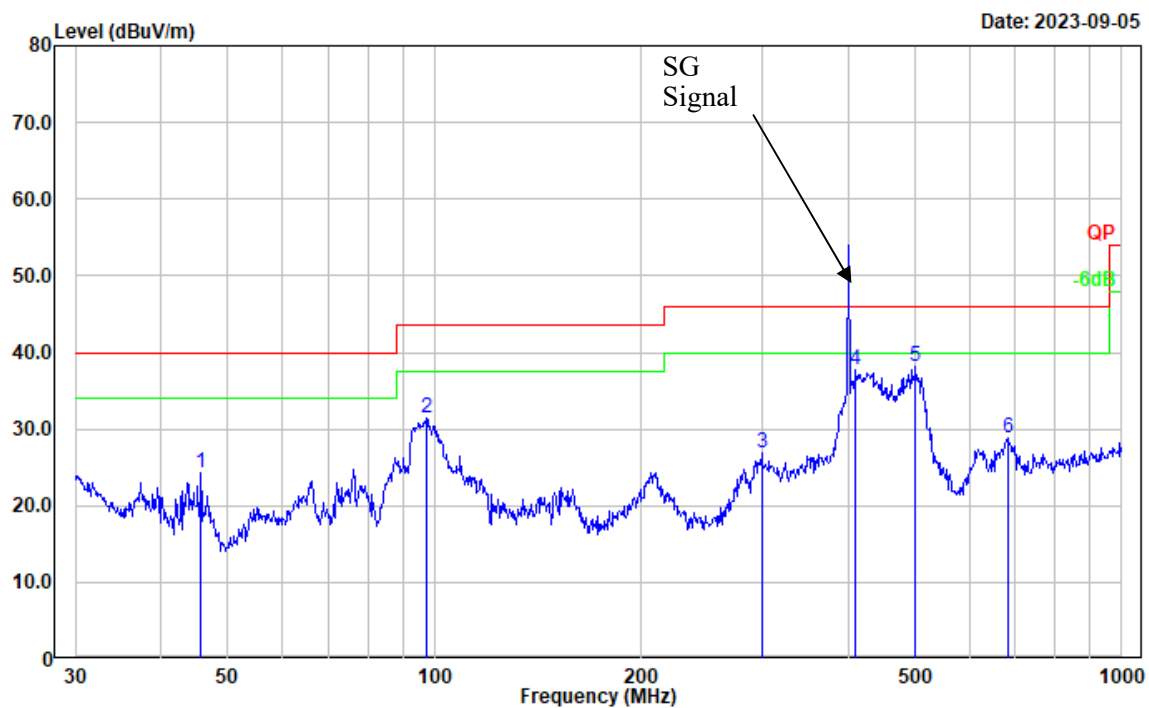
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	28.35	-3.60	24.75	40.00	15.25	Peak
2	37.285	33.20	-9.22	23.98	40.00	16.02	Peak
3	97.798	42.08	-14.85	27.23	43.50	16.27	Peak
4	434.065	45.42	-7.37	38.05	46.00	7.95	Peak
5	508.258	44.37	-5.85	38.52	46.00	7.48	Peak
6	684.745	32.63	-3.59	29.04	46.00	16.96	Peak

Test Mode: M2 (RX 400.0125MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(400.0125)
Polarization: horizontal
Note:



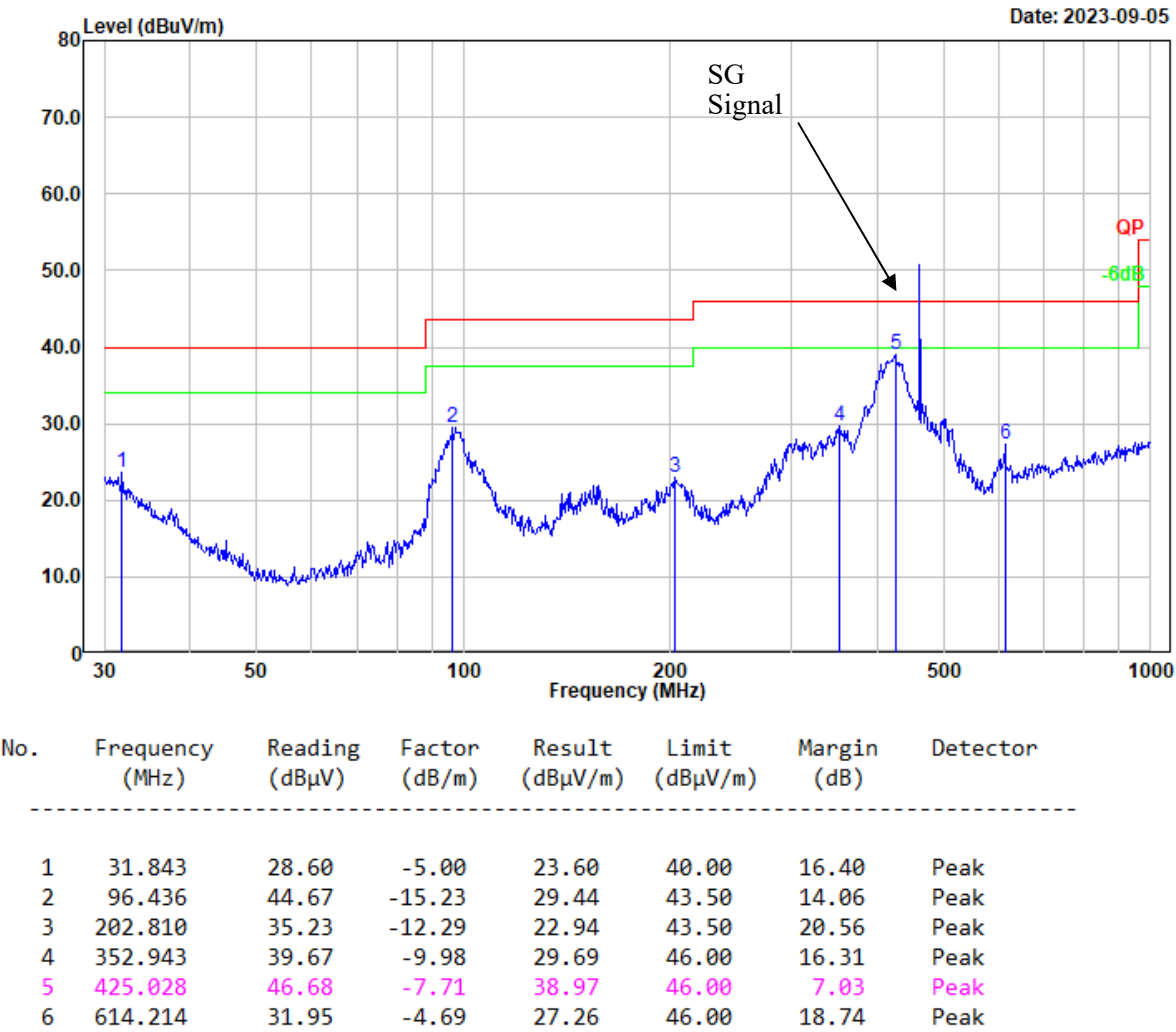
Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(400.0125)
Polarization: vertical
Note:



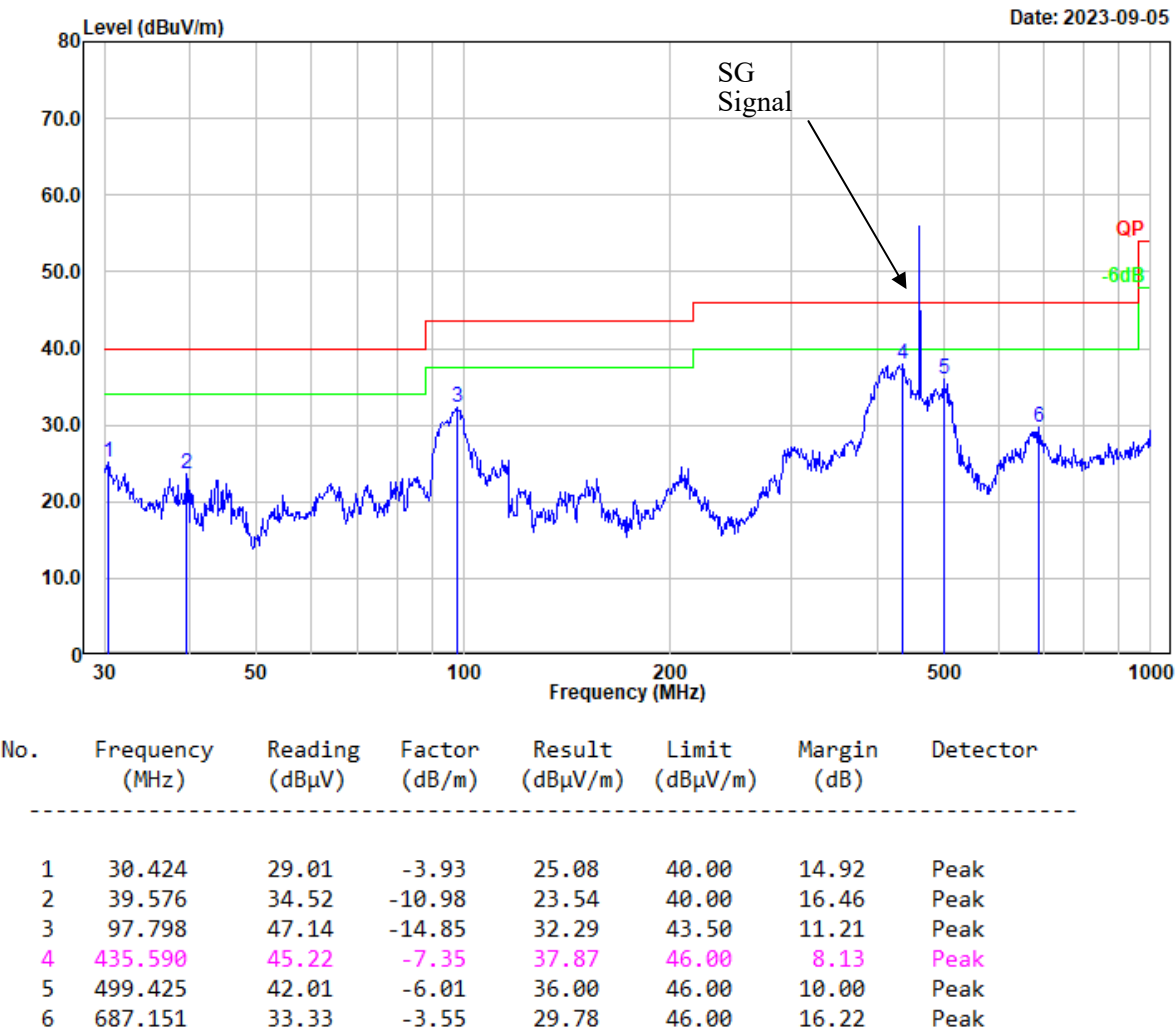
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	45.695	39.01	-14.64	24.37	40.00	15.63	Peak
2	97.115	46.54	-15.05	31.49	43.50	12.01	Peak
3	299.316	37.46	-10.65	26.81	46.00	19.19	Peak
4	410.383	46.08	-8.36	37.72	46.00	8.28	Peak
5	501.179	44.09	-5.99	38.10	46.00	7.90	Peak
6	682.348	32.63	-3.69	28.94	46.00	17.06	Peak

Test Mode: M2 (RX 460MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(460)
Polarization: horizontal
Note:

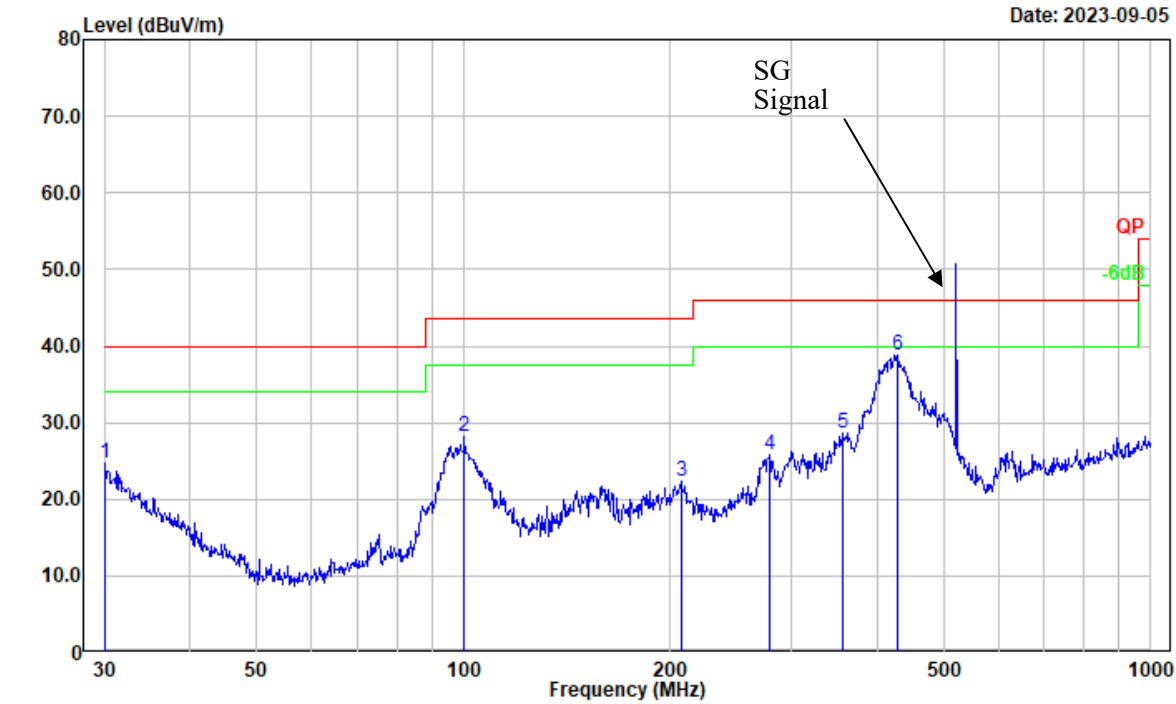


Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(460)
Polarization: vertical
Note:



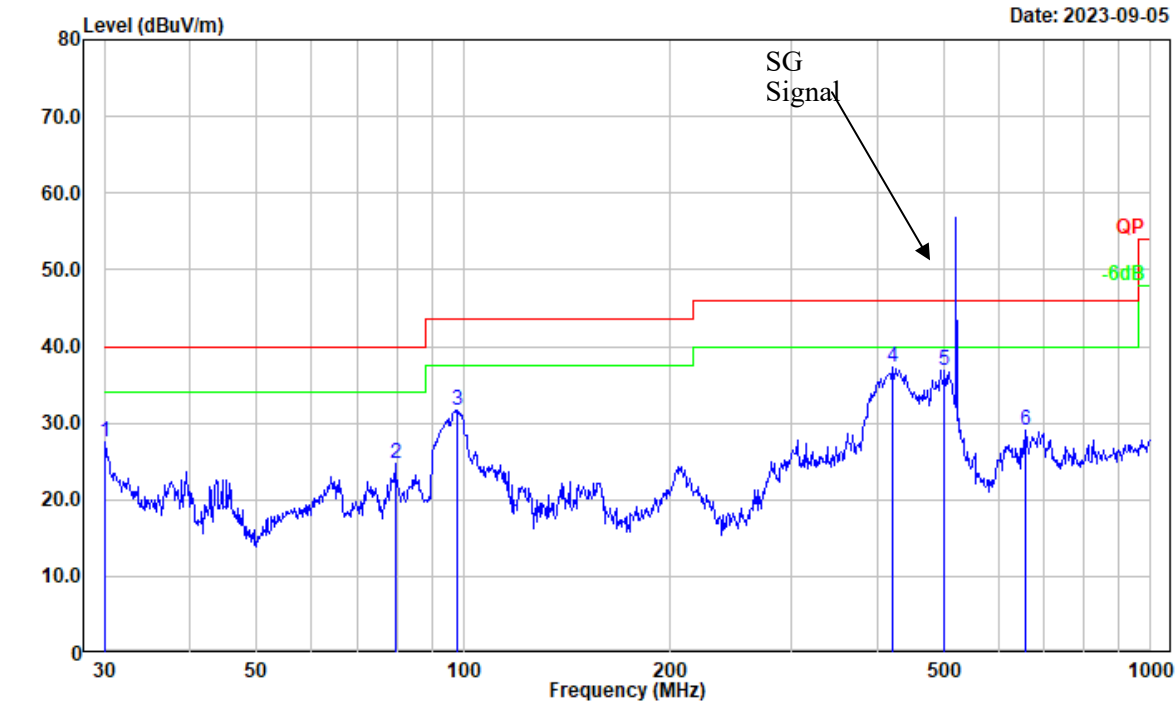
Test Mode: M2 (RX 519.9875MHz)

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(519.9875)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	28.37	-3.68	24.69	40.00	15.31	Peak
2	100.229	42.44	-14.28	28.16	43.50	15.34	Peak
3	207.123	34.70	-12.40	22.30	43.50	21.20	Peak
4	279.044	37.42	-11.71	25.71	46.00	20.29	Peak
5	355.427	38.50	-9.91	28.59	46.00	17.41	Peak
6	428.019	46.30	-7.57	38.73	46.00	7.27	Peak

Project No.: CR230633404-RF
Tester: Carl Xue
Test Mode: Charging&Receiving(519.9875)
Polarization: vertical
Note:

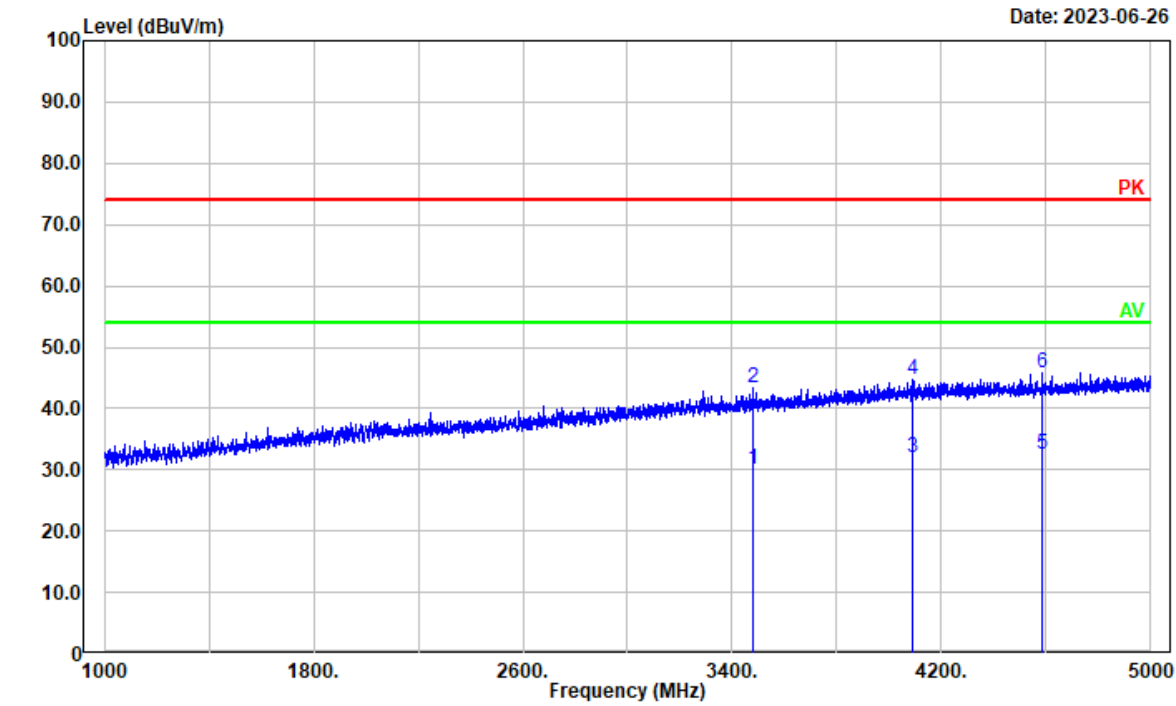


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	31.29	-3.68	27.61	40.00	12.39	Peak
2	79.521	42.13	-17.41	24.72	40.00	15.28	Peak
3	97.798	46.55	-14.85	31.70	43.50	11.80	Peak
4	420.580	45.25	-7.90	37.35	46.00	8.65	Peak
5	501.179	42.91	-5.99	36.92	46.00	9.08	Peak
6	658.836	33.10	-4.13	28.97	46.00	17.03	Peak

2) Above 1GHz

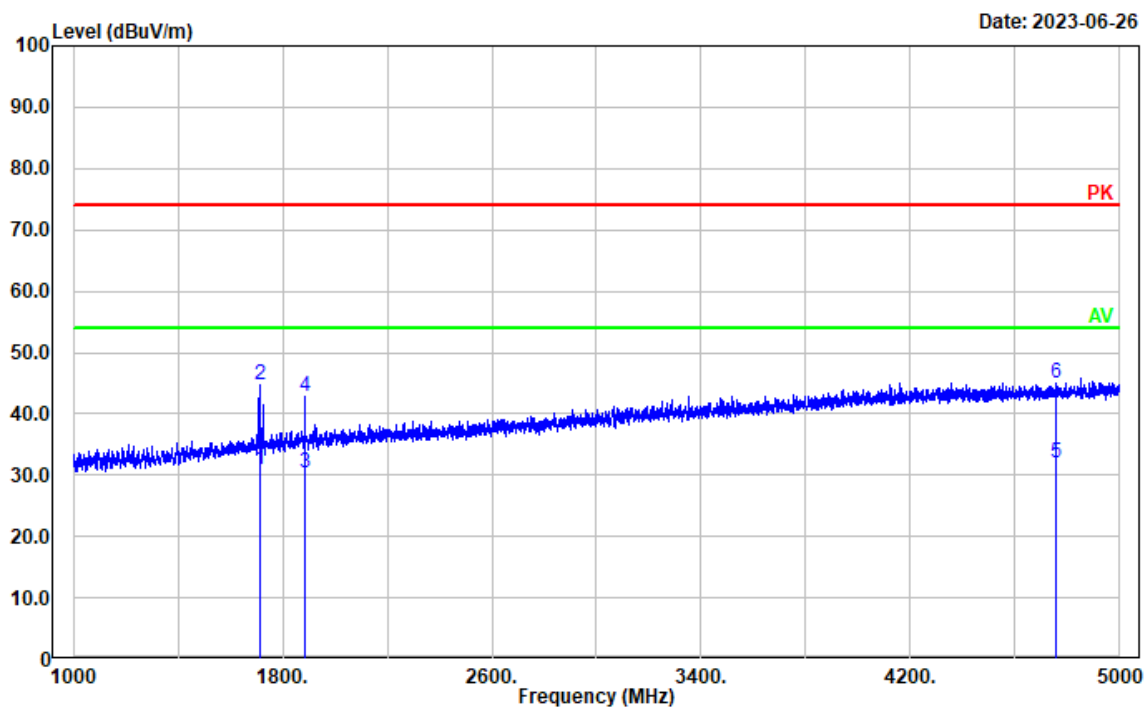
Test Mode: M1

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging& Scanning (136-520)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3479.696	22.58	7.55	30.13	54.00	23.87	Average
2	3479.696	35.90	7.55	43.45	74.00	30.55	Peak
3	4091.818	22.38	9.54	31.92	54.00	22.08	Average
4	4091.818	35.09	9.54	44.63	74.00	29.37	Peak
5	4583.117	22.34	10.30	32.64	54.00	21.36	Average
6	4583.117	35.54	10.30	45.84	74.00	28.16	Peak

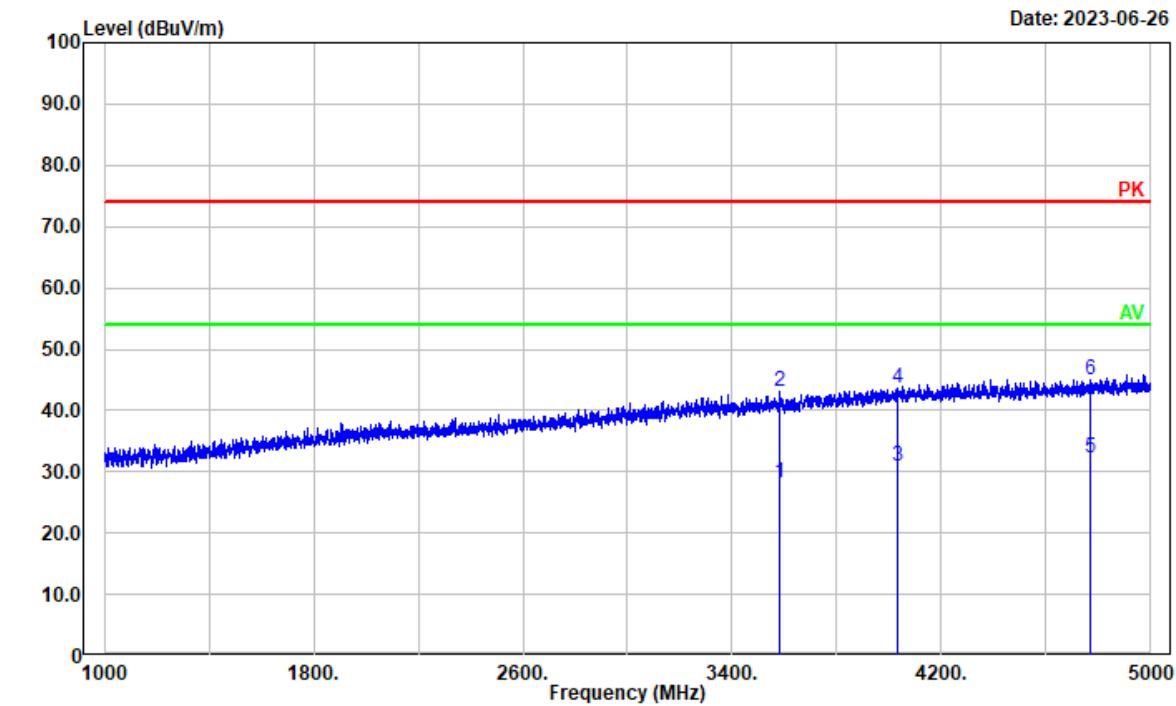
Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging& Scanning (136-520)
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1714.543	30.19	0.79	30.98	54.00	23.02	Average
2	1714.543	43.95	0.79	44.74	74.00	29.26	Peak
3	1885.777	28.45	1.78	30.23	54.00	23.77	Average
4	1885.777	41.15	1.78	42.93	74.00	31.07	Peak
5	4755.951	21.36	10.73	32.09	54.00	21.91	Average
6	4755.951	34.22	10.73	44.95	74.00	29.05	Peak

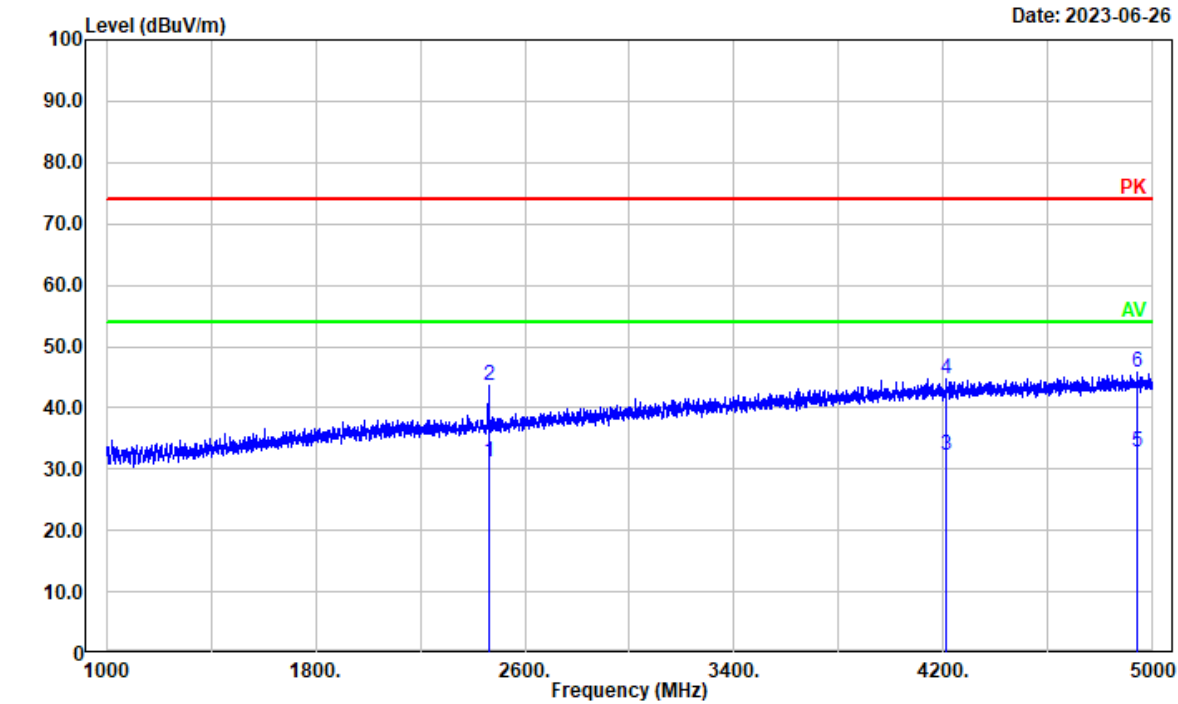
Test Mode: M2 (RX 136.0125MHz)

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(136.0125)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3580.516	20.35	7.94	28.29	54.00	25.71	Average
2	3580.516	35.13	7.94	43.07	74.00	30.93	Peak
3	4034.207	21.58	9.39	30.97	54.00	23.03	Average
4	4034.207	34.31	9.39	43.70	74.00	30.30	Peak
5	4771.154	21.35	10.80	32.15	54.00	21.85	Average
6	4771.154	34.26	10.80	45.06	74.00	28.94	Peak

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(136.0125)
Polarization: vertical
Note:

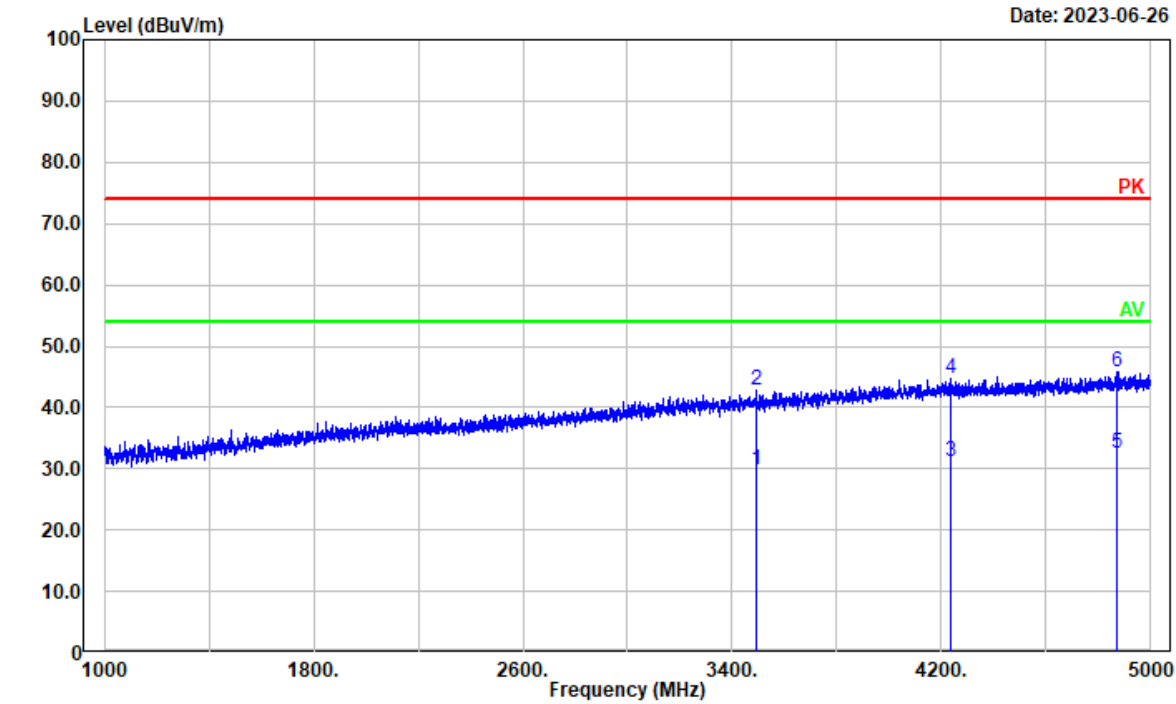


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

1	2461.892	27.44	3.62	31.06	54.00	22.94	Average
2	2461.892	40.02	3.62	43.64	74.00	30.36	Peak
3	4211.842	22.57	9.69	32.26	54.00	21.74	Average
4	4211.842	35.13	9.69	44.82	74.00	29.18	Peak
5	4939.188	21.59	11.22	32.81	54.00	21.19	Average
6	4939.188	34.70	11.22	45.92	74.00	28.08	Peak

Test Mode: M2 (RX 155MHz)

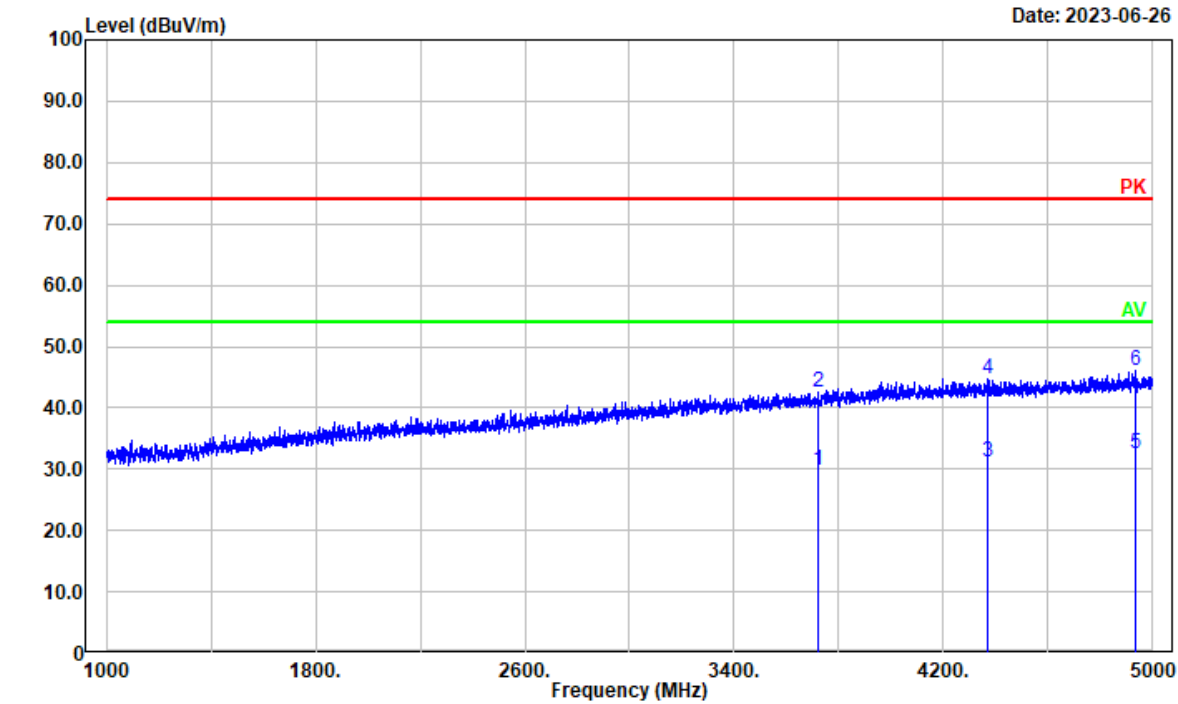
Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(155)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

1	3491.698	22.35	7.56	29.91	54.00	24.09	Average
2	3491.698	35.21	7.56	42.77	74.00	31.23	Peak
3	4238.248	21.60	9.70	31.30	54.00	22.70	Average
4	4238.248	34.91	9.70	44.61	74.00	29.39	Peak
5	4869.574	21.58	11.03	32.61	54.00	21.39	Average
6	4869.574	34.66	11.03	45.69	74.00	28.31	Peak

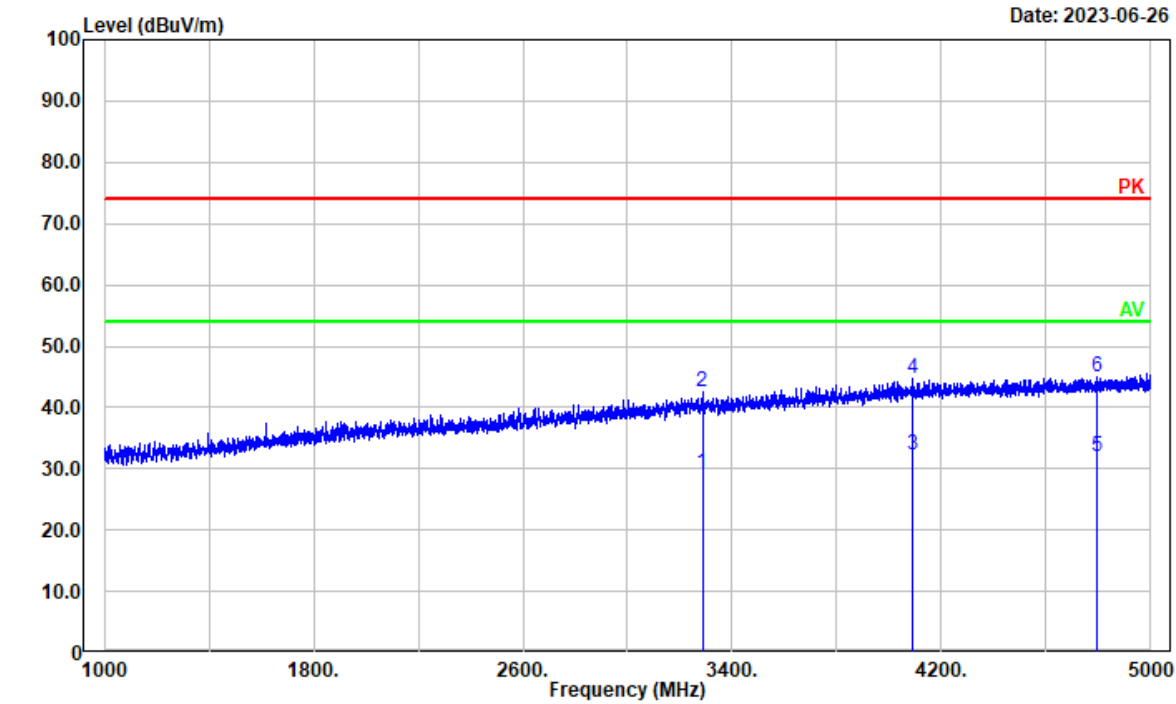
Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(155)
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3720.544	21.35	8.39	29.74	54.00	24.26	Average
2	3720.544	34.07	8.39	42.46	74.00	31.54	Peak
3	4369.474	21.35	9.82	31.17	54.00	22.83	Average
4	4369.474	34.83	9.82	44.65	74.00	29.35	Peak
5	4934.387	21.34	11.22	32.56	54.00	21.44	Average
6	4934.387	34.78	11.22	46.00	74.00	28.00	Peak

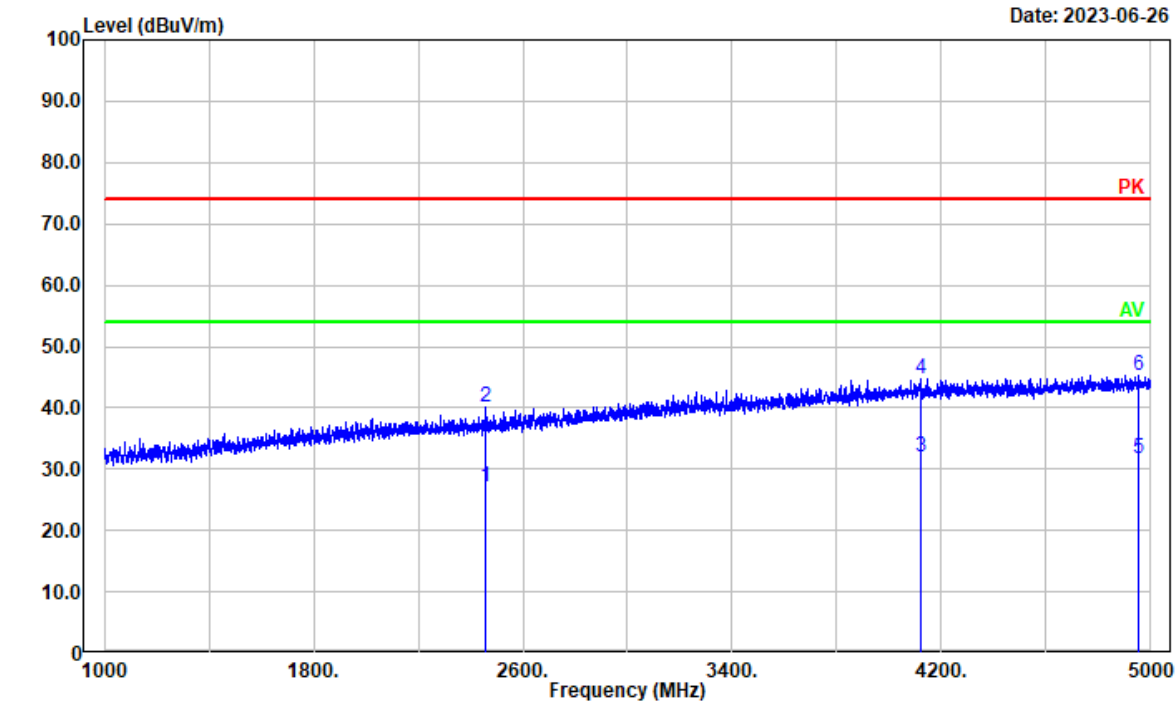
Test Mode: M2 (RX 173.9875MHz)

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(173.9875)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3286.057	22.39	6.98	29.37	54.00	24.63	Average
2	3286.057	35.63	6.98	42.61	74.00	31.39	Peak
3	4087.818	22.59	9.53	32.12	54.00	21.88	Average
4	4087.818	35.23	9.53	44.76	74.00	29.24	Peak
5	4795.959	21.02	10.89	31.91	54.00	22.09	Average
6	4795.959	33.99	10.89	44.88	74.00	29.12	Peak

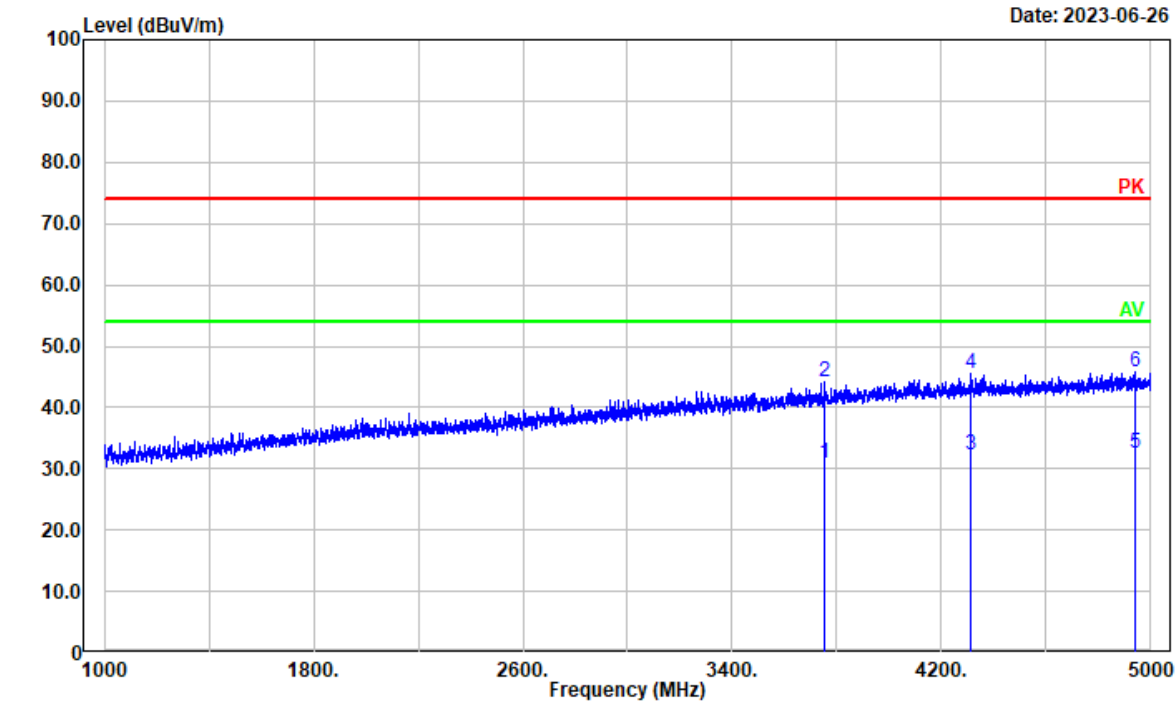
Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(173.9875)
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2457.091	23.45	3.63	27.08	54.00	26.92	Average
2	2457.091	36.61	3.63	40.24	74.00	33.76	Peak
3	4118.224	22.45	9.54	31.99	54.00	22.01	Average
4	4118.224	35.26	9.54	44.80	74.00	29.20	Peak
5	4955.191	20.38	11.24	31.62	54.00	22.38	Average
6	4955.191	33.94	11.24	45.18	74.00	28.82	Peak

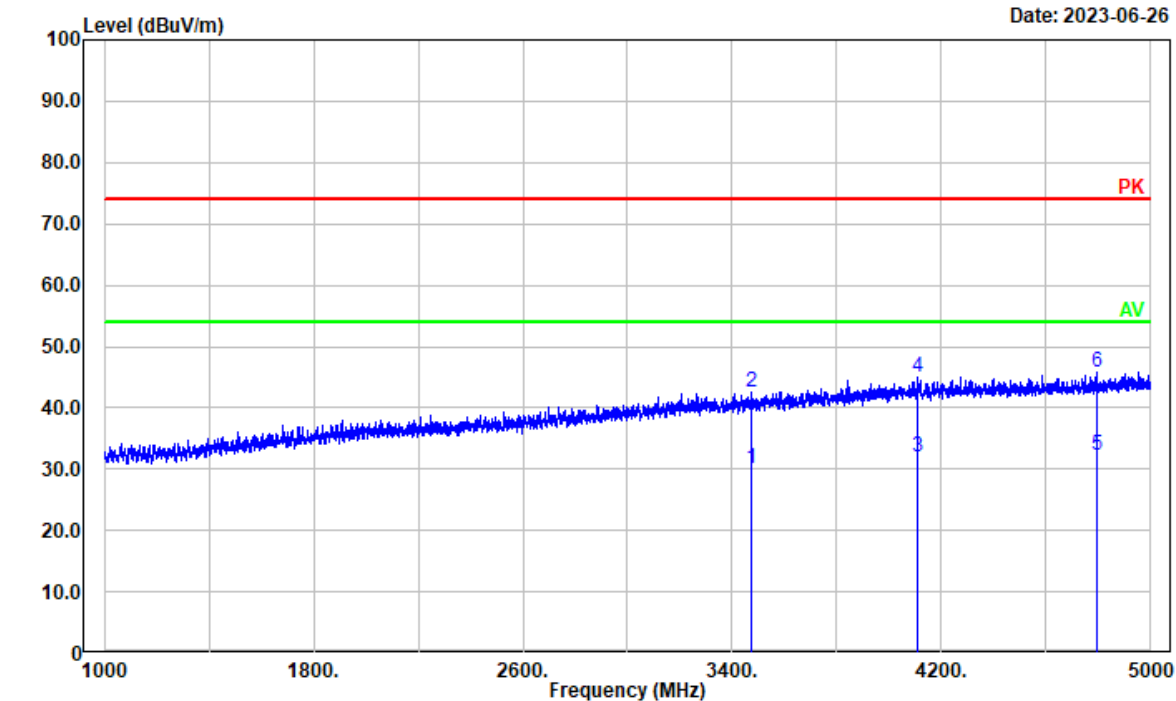
Test Mode: M2 (RX 400.0125MHz)

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(400.0125)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3755.751	22.47	8.49	30.96	54.00	23.04	Average
2	3755.751	35.58	8.49	44.07	74.00	29.93	Peak
3	4311.062	22.58	9.68	32.26	54.00	21.74	Average
4	4311.062	35.95	9.68	45.63	74.00	28.37	Peak
5	4938.388	21.35	11.22	32.57	54.00	21.43	Average
6	4938.388	34.51	11.22	45.73	74.00	28.27	Peak

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(400.0125)
Polarization: vertical
Note:

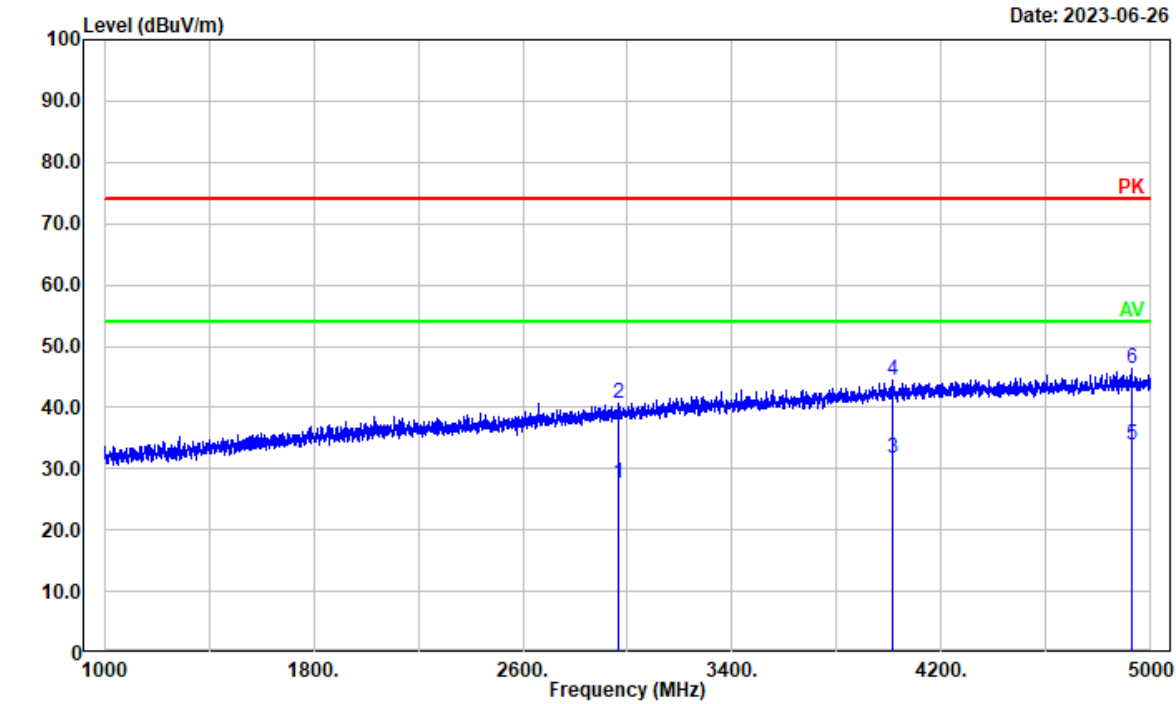


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

1	3471.694	22.47	7.53	30.00	54.00	24.00	Average
2	3471.694	35.14	7.53	42.67	74.00	31.33	Peak
3	4107.822	22.33	9.56	31.89	54.00	22.11	Average
4	4107.822	35.42	9.56	44.98	74.00	29.02	Peak
5	4793.559	21.46	10.88	32.34	54.00	21.66	Average
6	4793.559	34.95	10.88	45.83	74.00	28.17	Peak

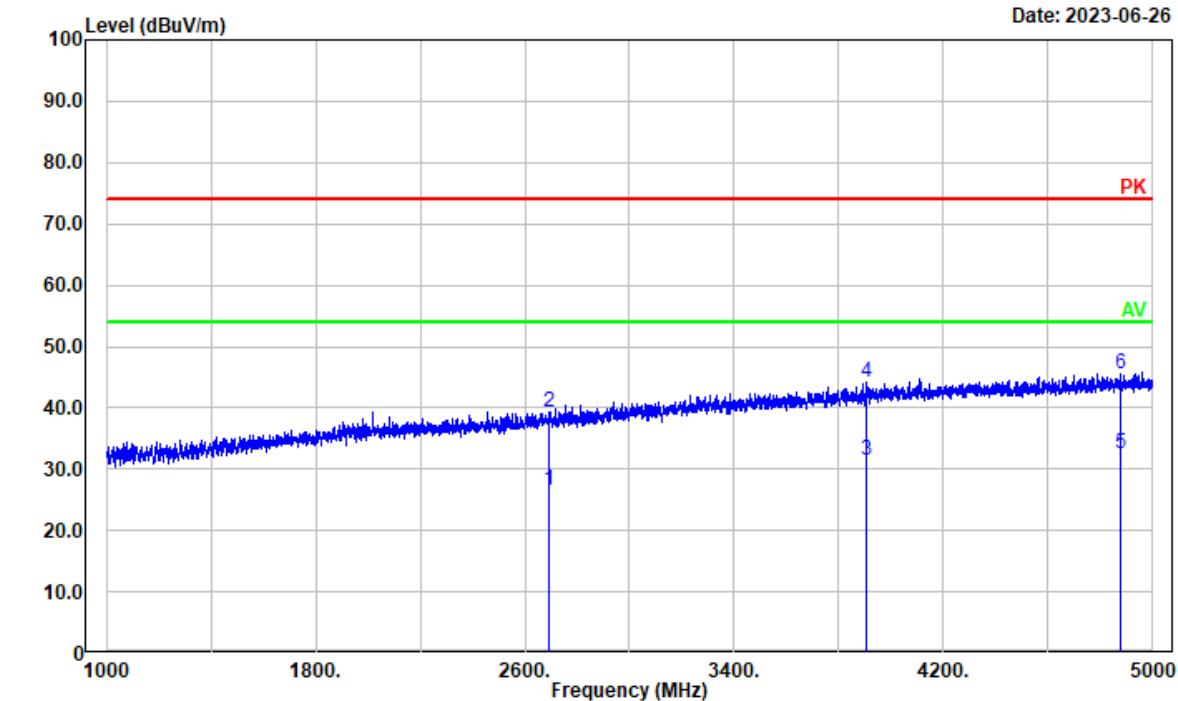
Test Mode: M2 (RX 460MHz)

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(460)
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2965.993	21.64	5.92	27.56	54.00	26.44	Average
2	2965.993	34.78	5.92	40.70	74.00	33.30	Peak
3	4012.603	22.35	9.36	31.71	54.00	22.29	Average
4	4012.603	35.06	9.36	44.42	74.00	29.58	Peak
5	4924.785	22.58	11.19	33.77	54.00	20.23	Average
6	4924.785	35.12	11.19	46.31	74.00	27.69	Peak

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(460)
Polarization: vertical
Note:

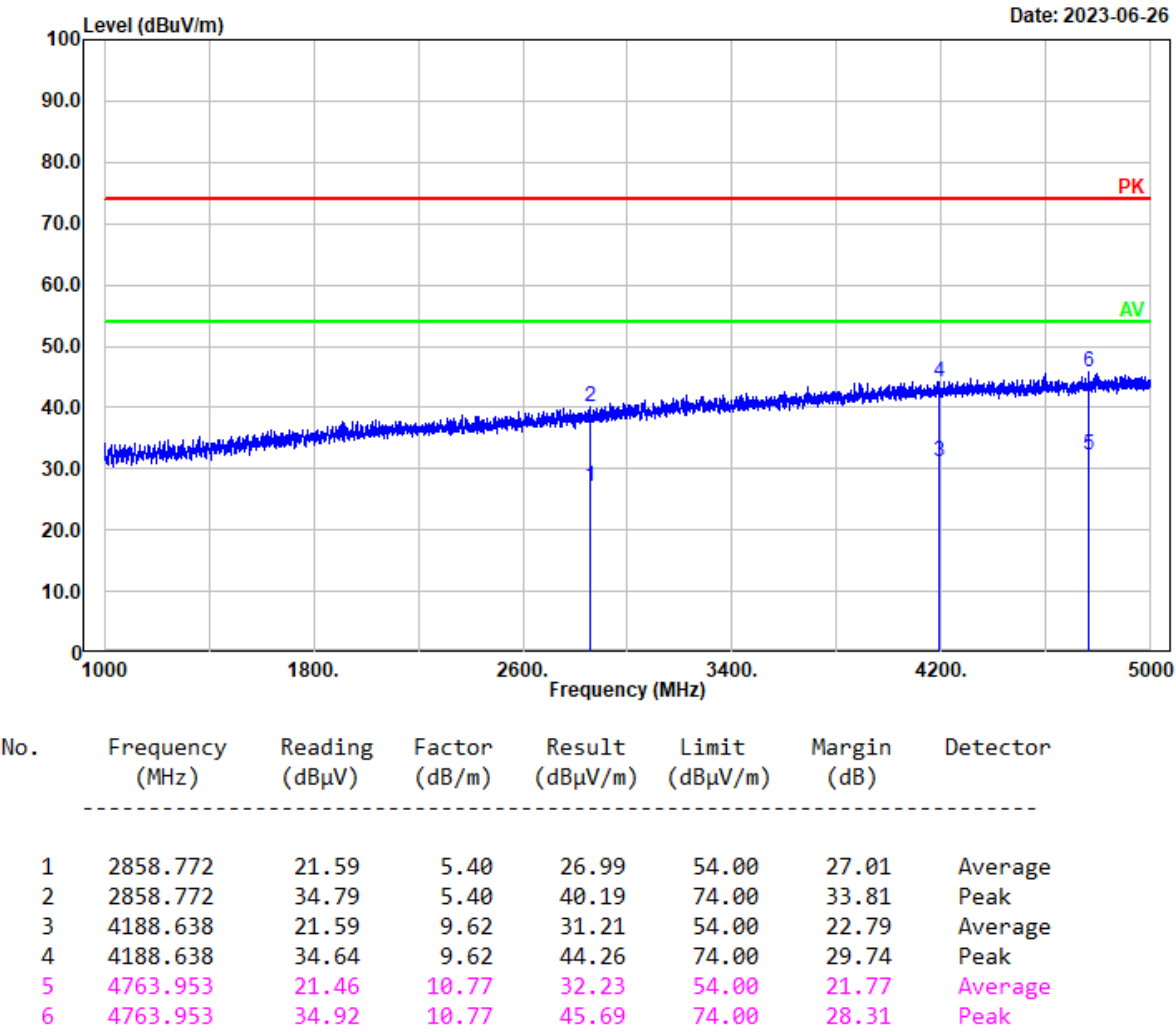


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

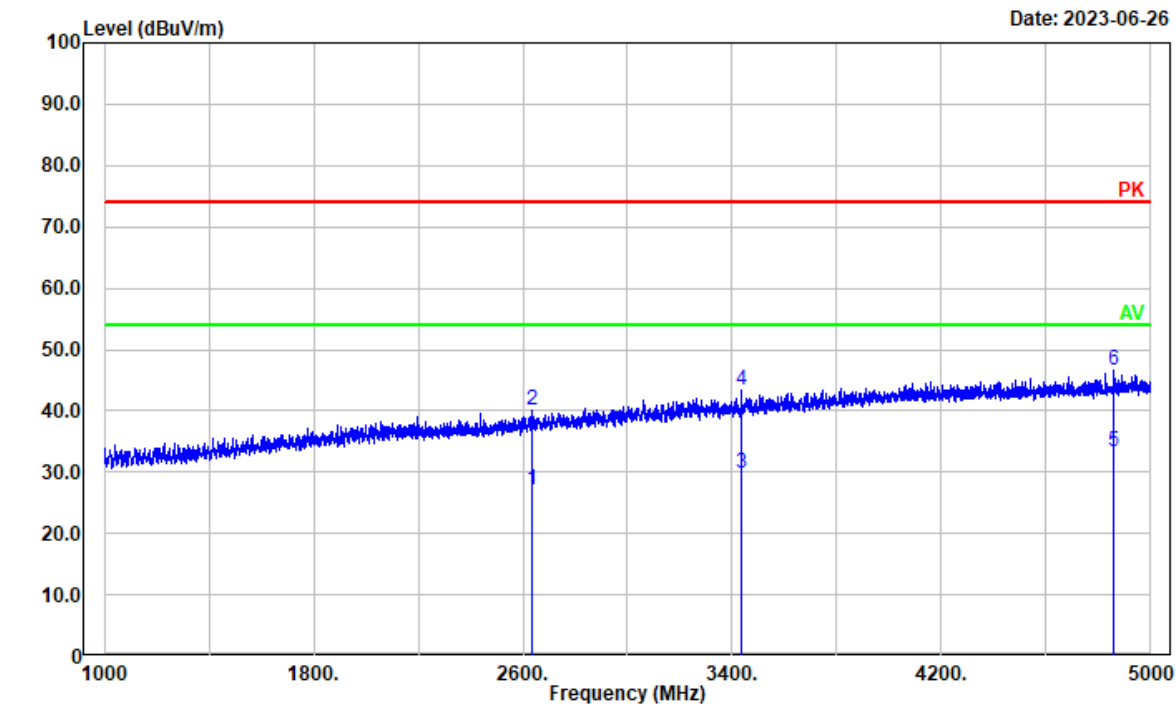
1	2693.939	21.76	4.69	26.45	54.00	27.55	Average
2	2693.939	34.72	4.69	39.41	74.00	34.59	Peak
3	3905.381	22.46	9.03	31.49	54.00	22.51	Average
4	3905.381	35.23	9.03	44.26	74.00	29.74	Peak
5	4879.176	21.34	11.07	32.41	54.00	21.59	Average
6	4879.176	34.47	11.07	45.54	74.00	28.46	Peak

Test Mode: M2 (RX 519.9875MHz)

Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(519.9875)
Polarization: horizontal
Note:



Project No.: CR230633404-RF
Tester: coco Tian
Test Mode: Charging&Receiving(519.9875)
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

1	2635.527	22.64	4.38	27.02	54.00	26.98	Average
2	2635.527	35.73	4.38	40.11	74.00	33.89	Peak
3	3437.287	22.34	7.42	29.76	54.00	24.24	Average
4	3437.287	35.85	7.42	43.27	74.00	30.73	Peak
5	4855.971	22.46	10.99	33.45	54.00	20.55	Average
6	4855.971	35.66	10.99	46.65	74.00	27.35	Peak

4.3 Antenna Power Conduction Limits for Receivers

Serial Number:	26SR-1	Test Date:	2023/09/14
Test Site:	RF	Test Mode:	Scanning, Receiving
Tester:	Morpheus Shi	Test Result:	Pass

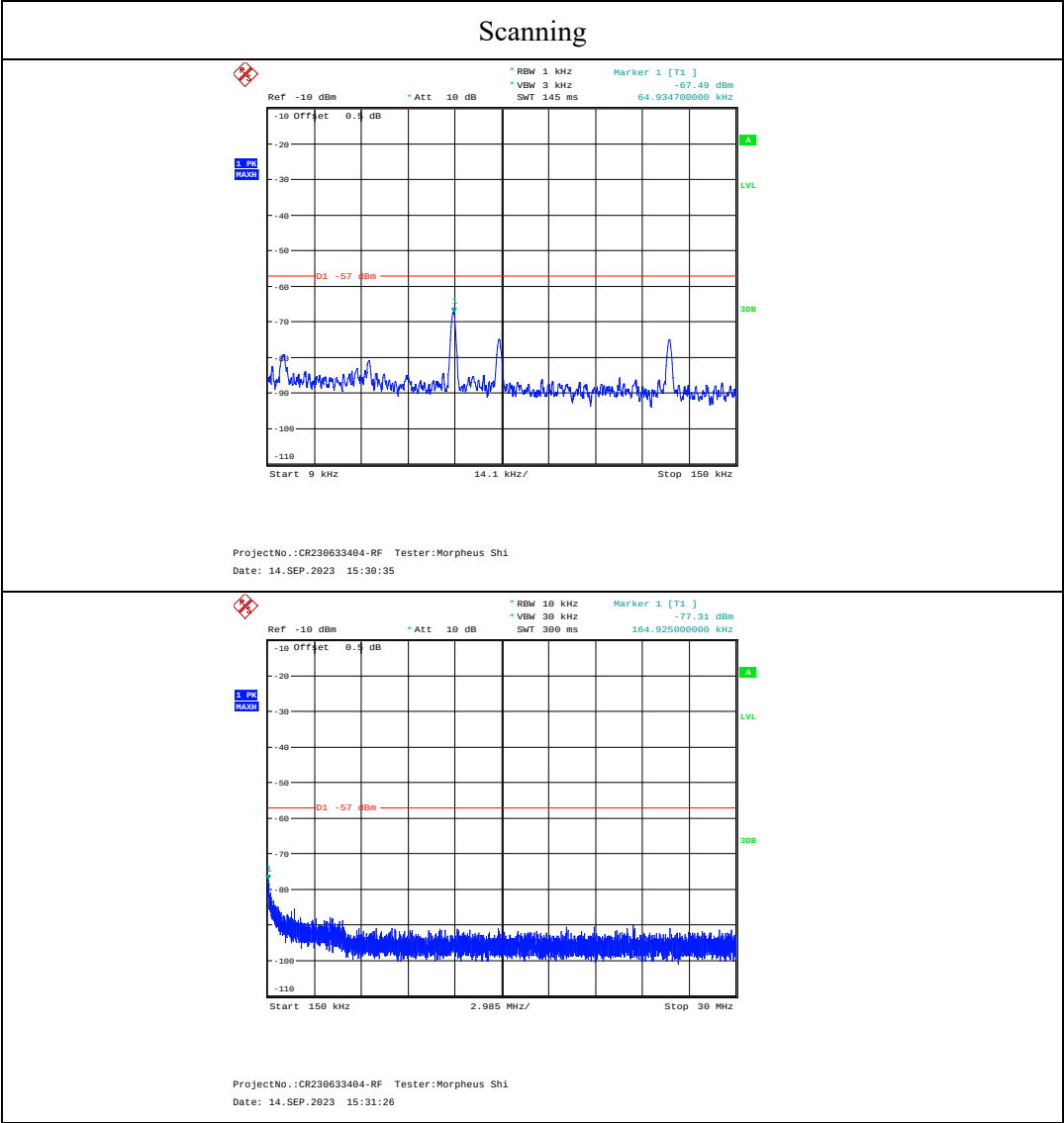
Environmental Conditions:					
Temperature: (°C)	26.9	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.1

Test Equipment List and Details:

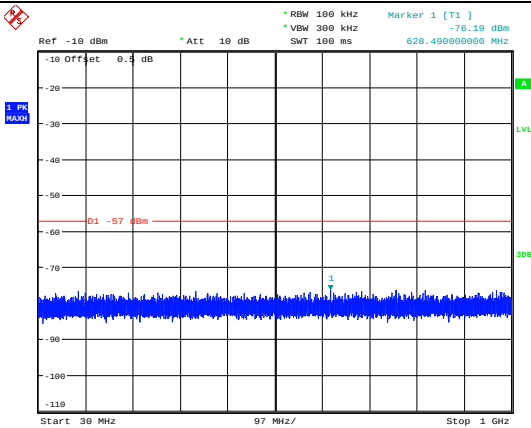
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200445	2023/03/31	2024/03/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

* 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).

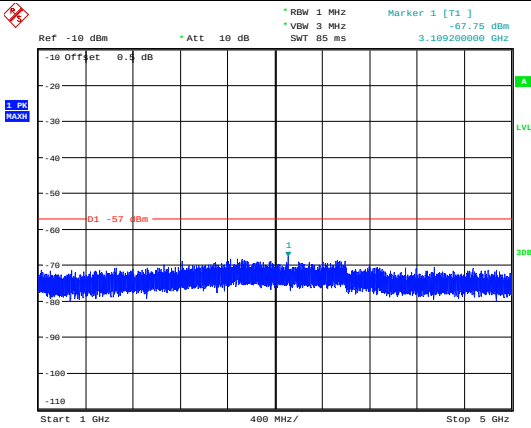
Test Mode: M1



Scanning

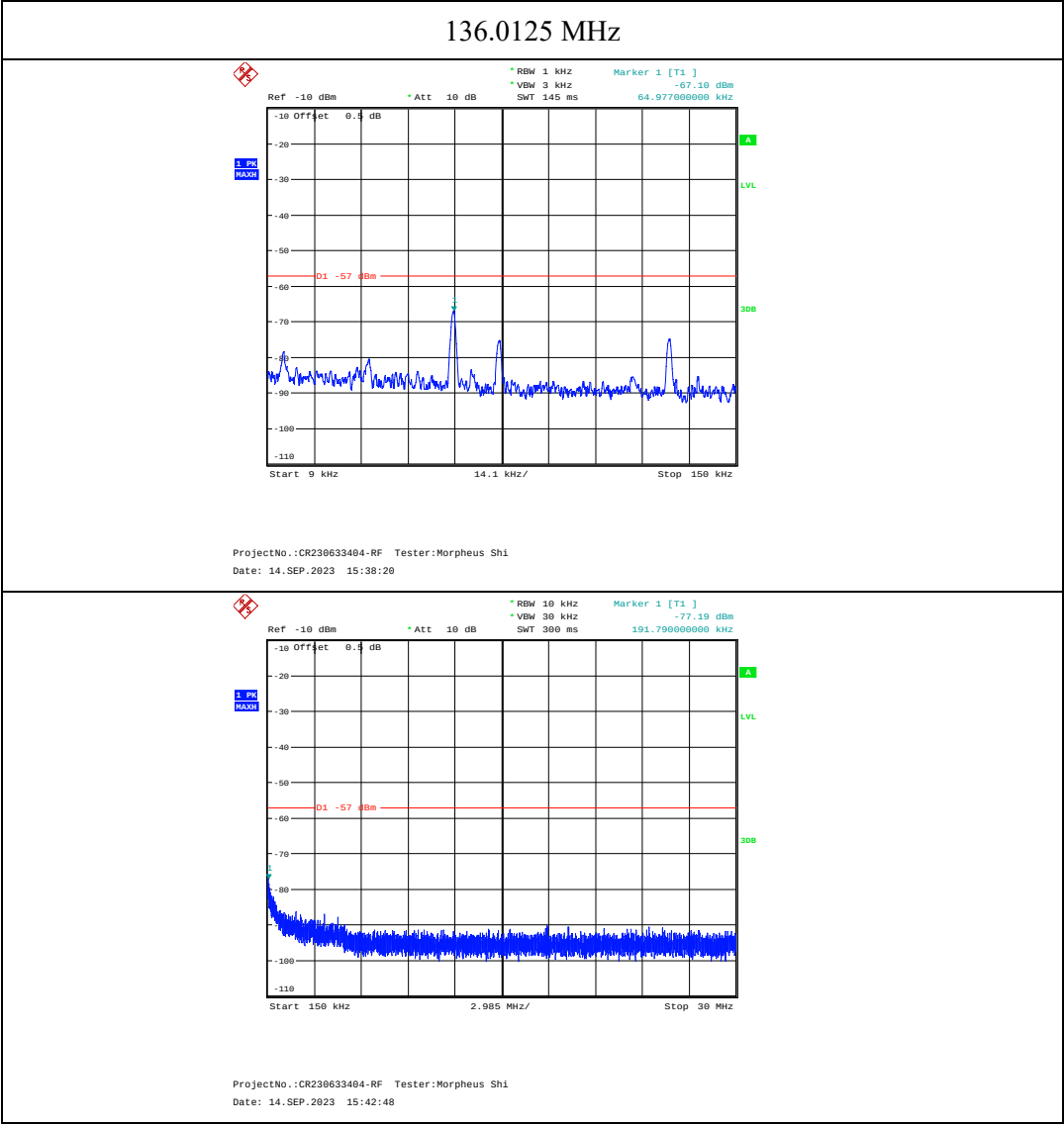


ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 16:28:13



ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:33:27

Test Mode: M2

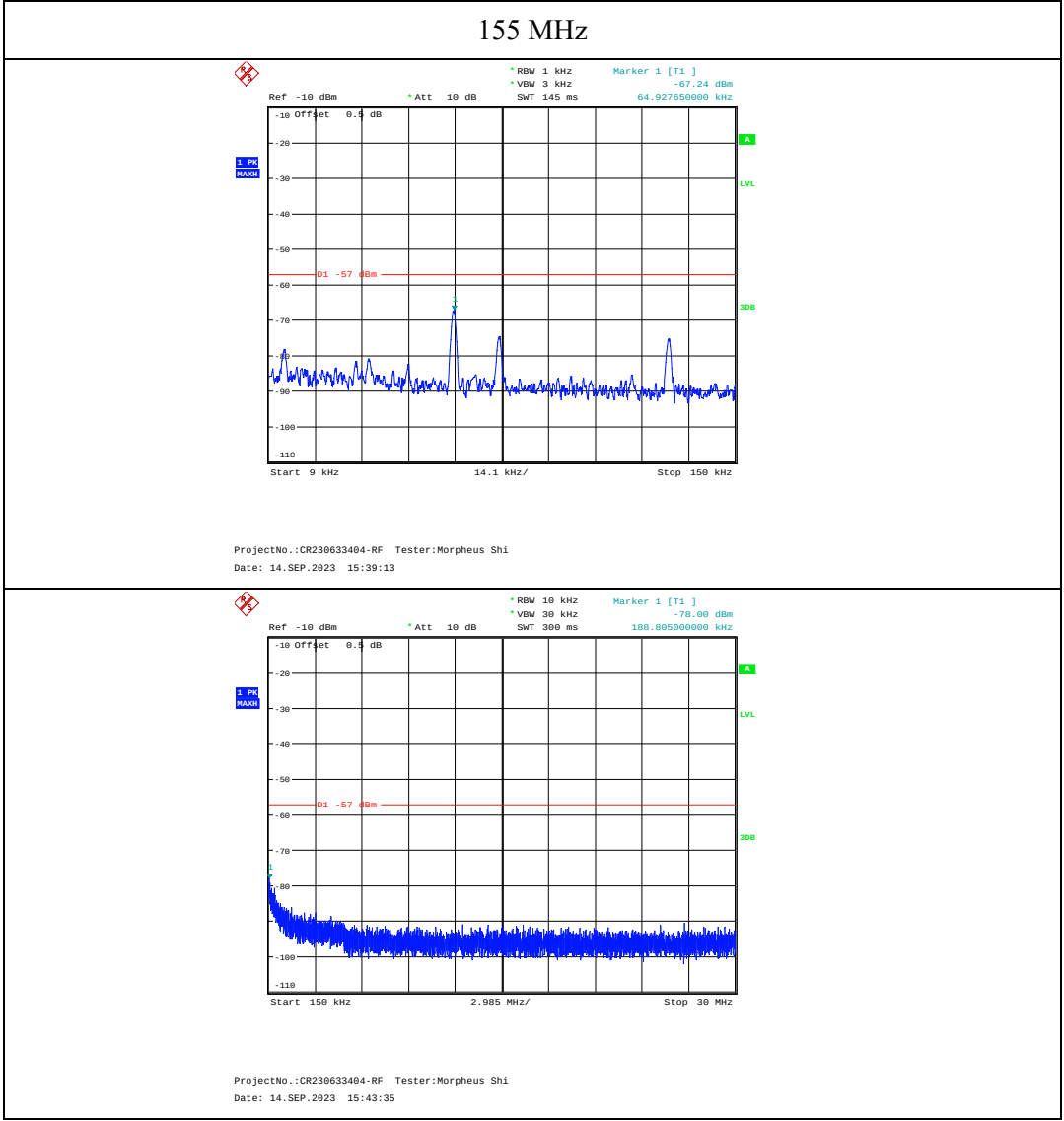


The screenshot shows a spectrum analyzer interface with the following details:

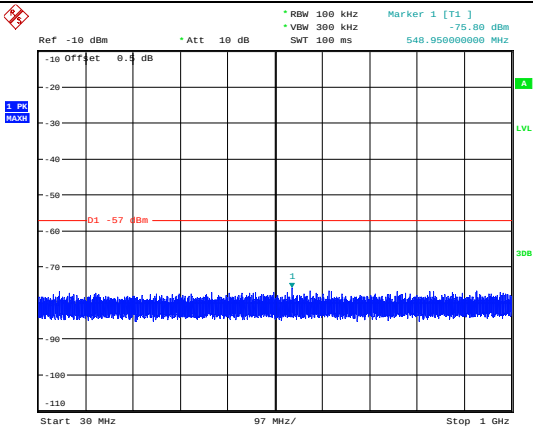
- Top Bar:**
 - Left: A red square icon with a white 'X' and a blue square icon with a white 'W'.
 - Center: A row of four green status indicators: a green dot, the text "Att", a green dot, and the text "10 dB".
 - Right: A row of four green status indicators: a green dot, the text "RBW 100 kHz", a green dot, the text "VBW 300 kHz", a green dot, the text "SMT 100 ms", and a green dot, the text "Marker 1 [T1]".
 - Far Right: The text "445.984500000 MHz".
- Plot Area:**
 - Y-axis (Left):** Labeled "dBm" at the top. The scale ranges from -110 to -10 in increments of 10. A red horizontal line is drawn at -57 dBm, labeled "D1 - 57 dBm".
 - X-axis (Bottom):** Labeled "MHz". The scale ranges from 97 to 101 in increments of 1. The current frequency is 97 MHz.
 - Trace:** A blue line representing the signal spectrum, showing a noisy baseline around -80 dBm.
 - Grid:** A grid of 10 vertical and 10 horizontal lines.
- Bottom Bar:**
 - Left: "Start 30 MHz".
 - Center: "97 MHz/".
 - Right: "Stop 1 GHz".

[illegible]

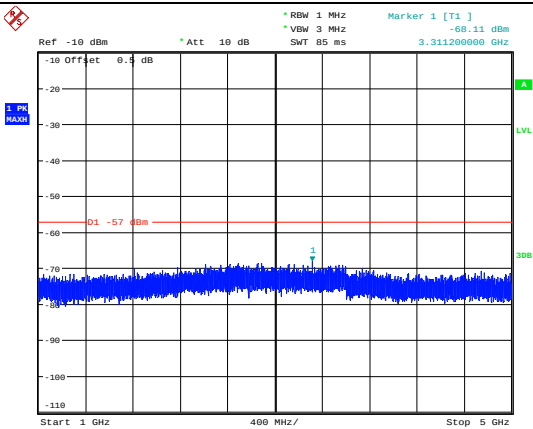
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155 MHz

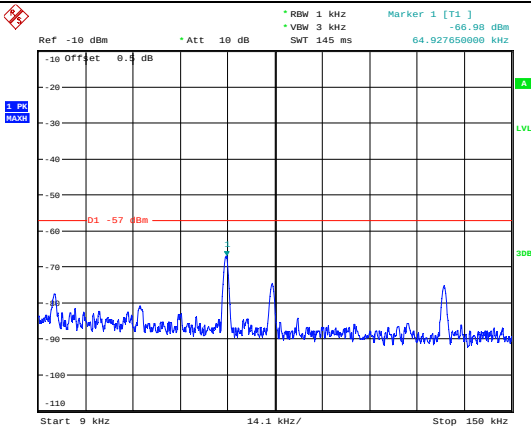


ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:49:44

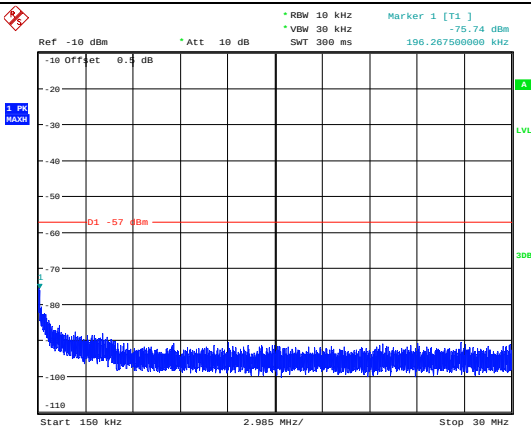


ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:54:56

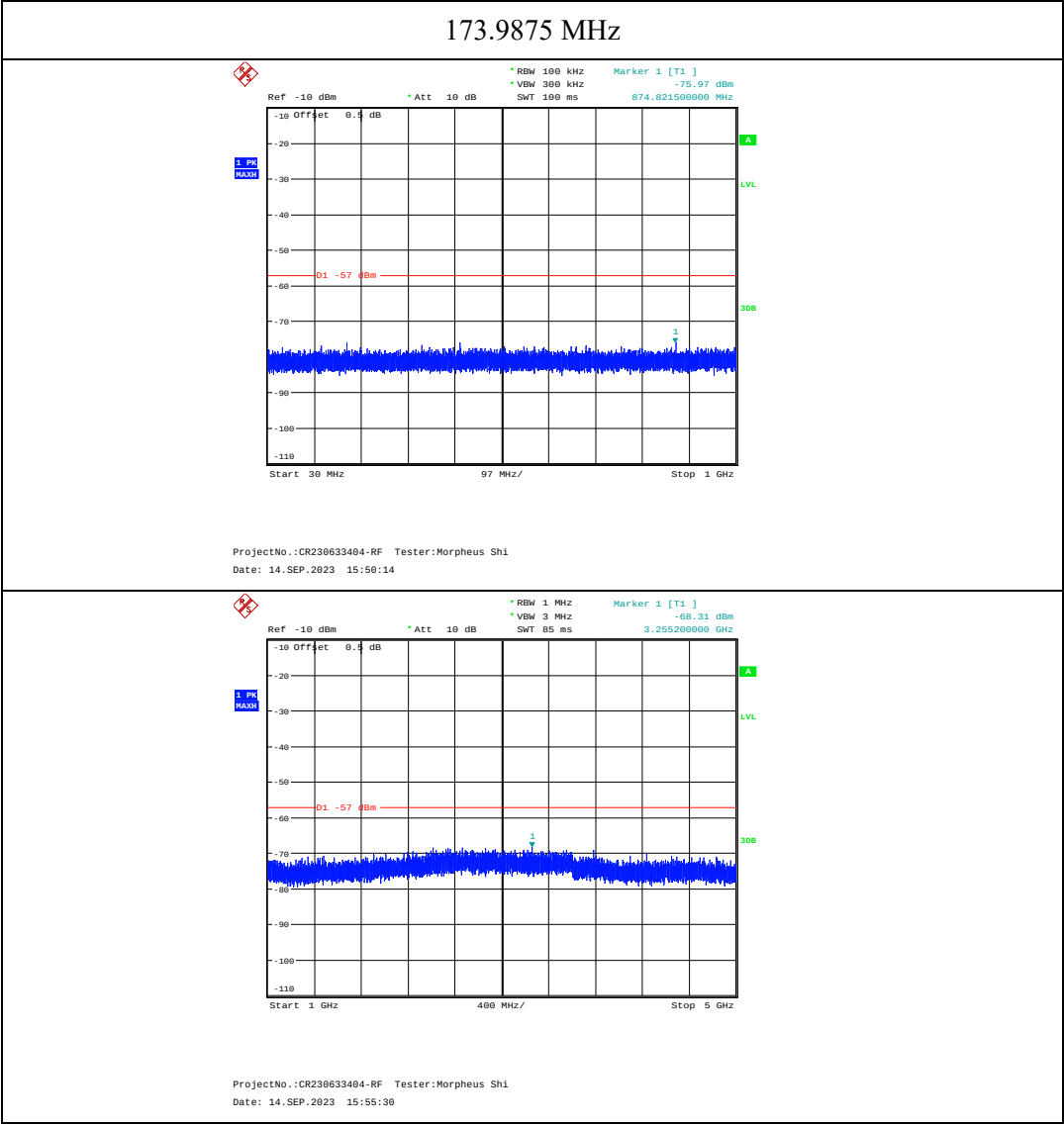
173.9875 MHz

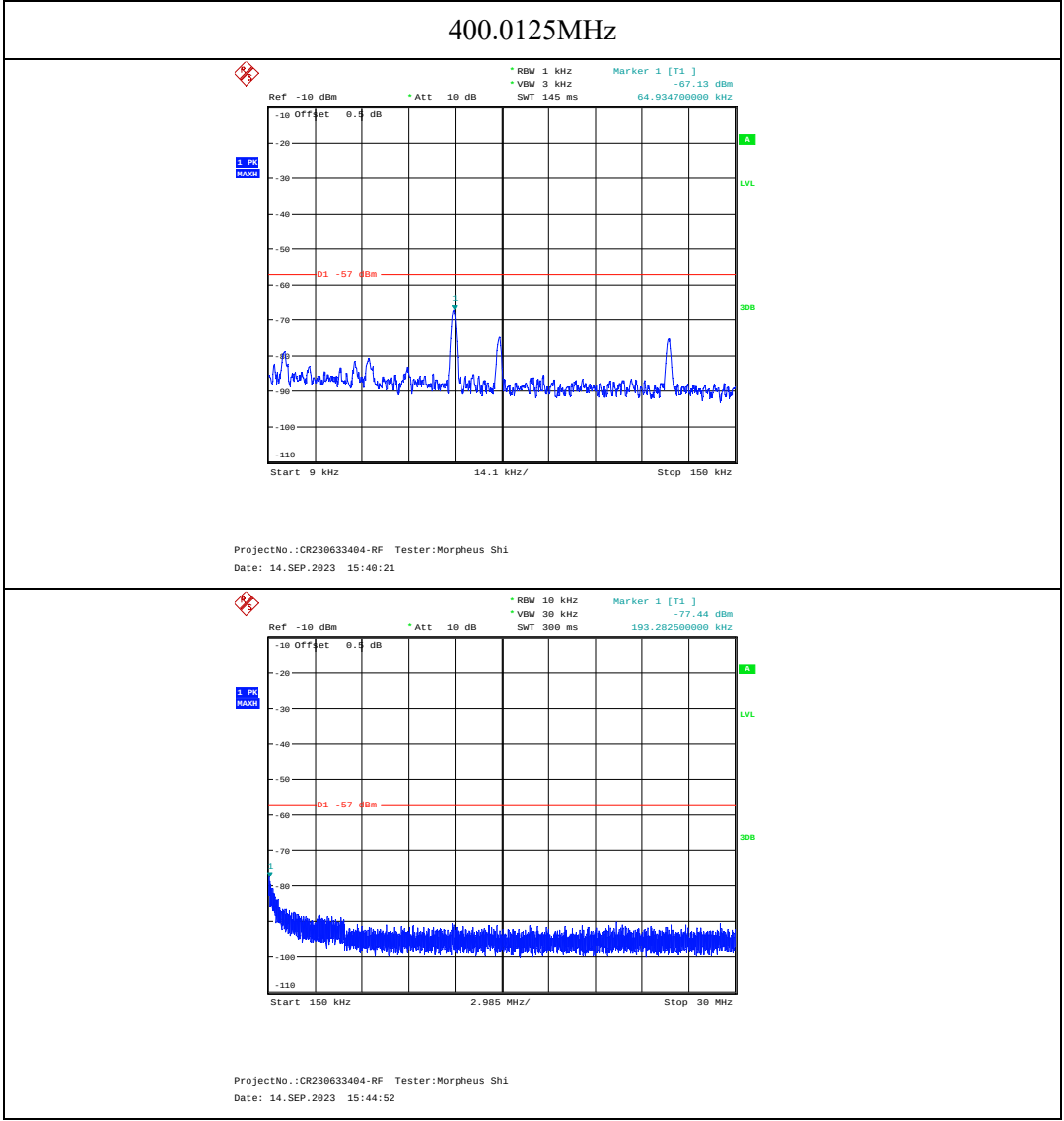


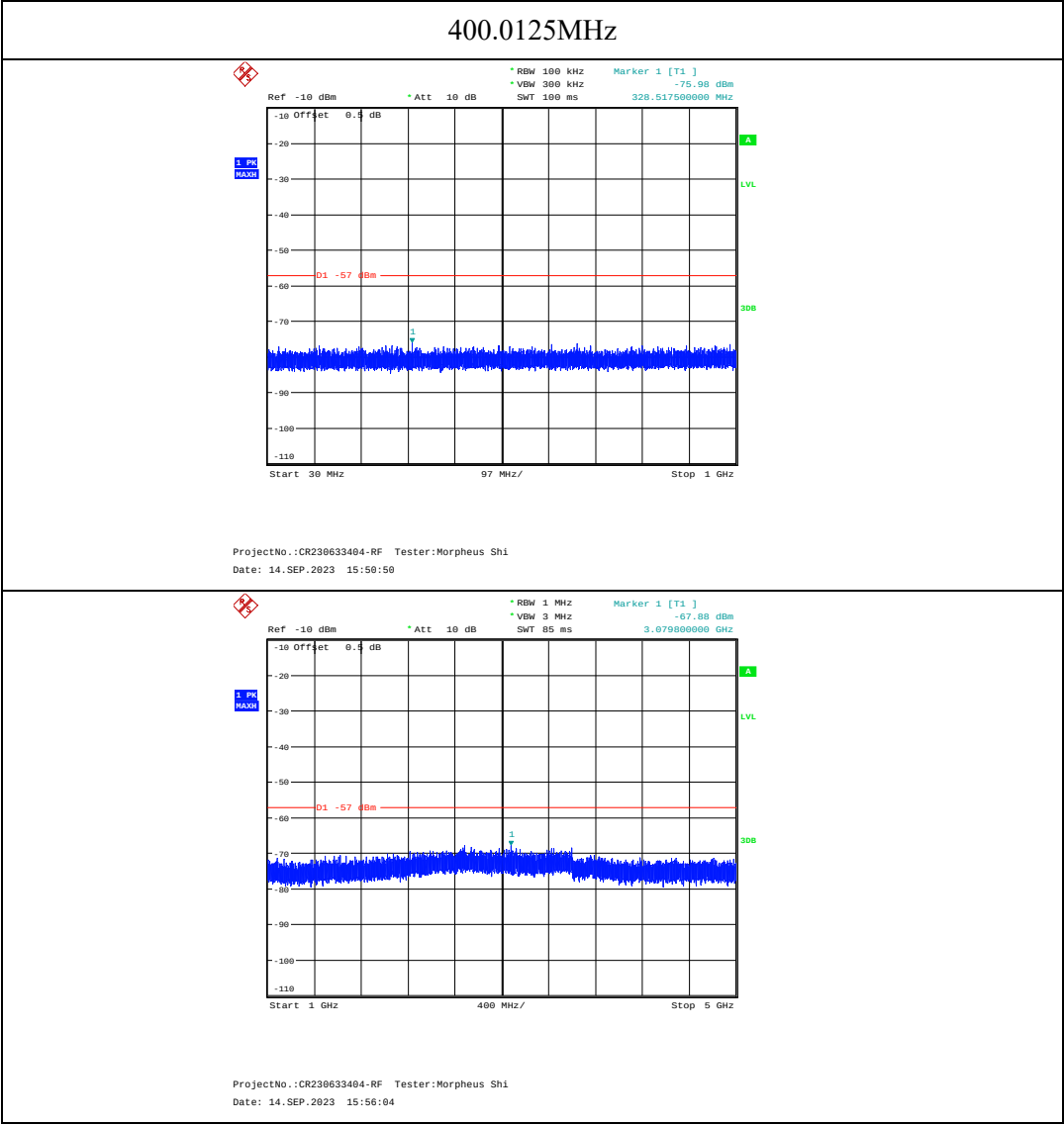
ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:39:51

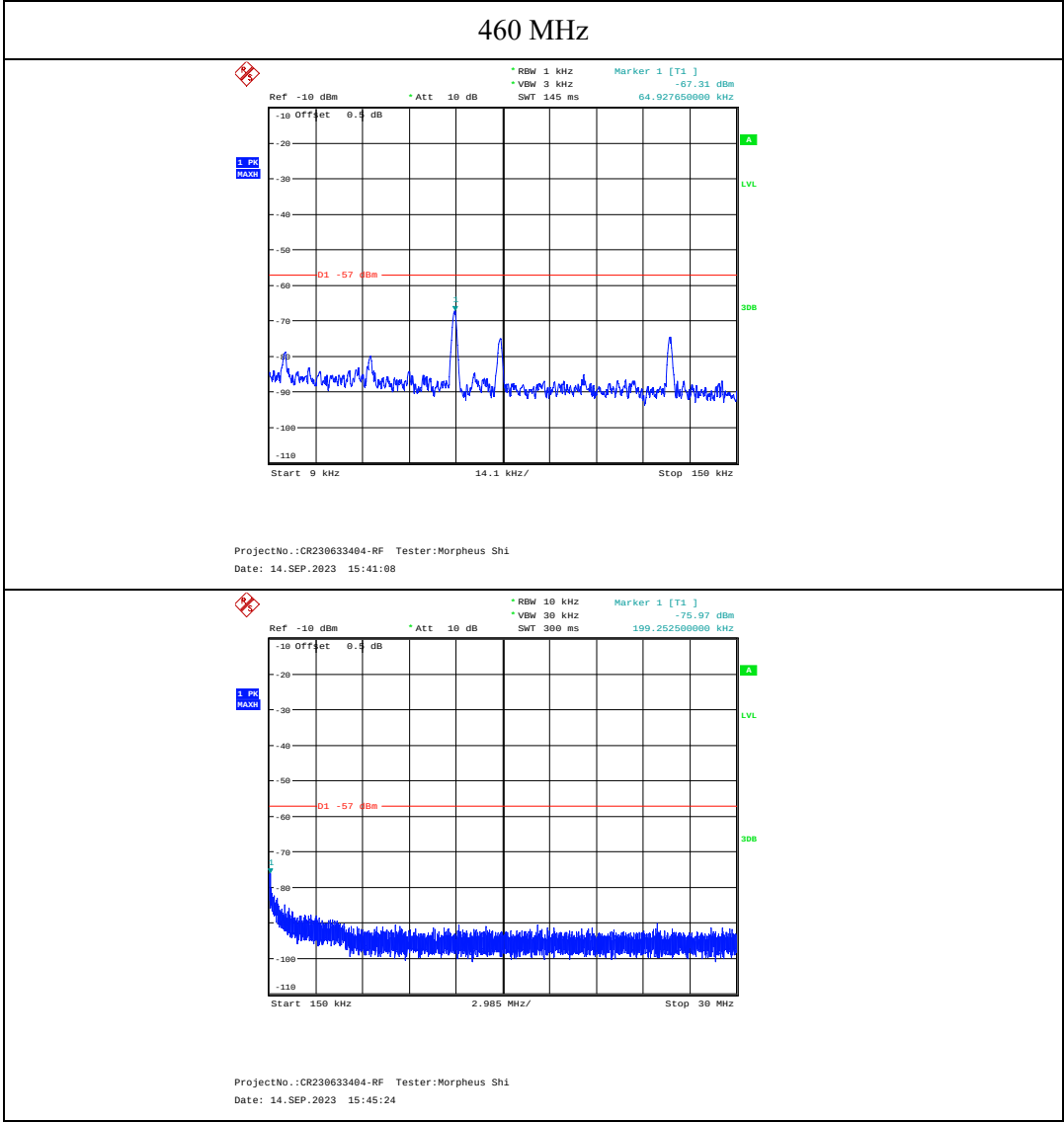


ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:44:14

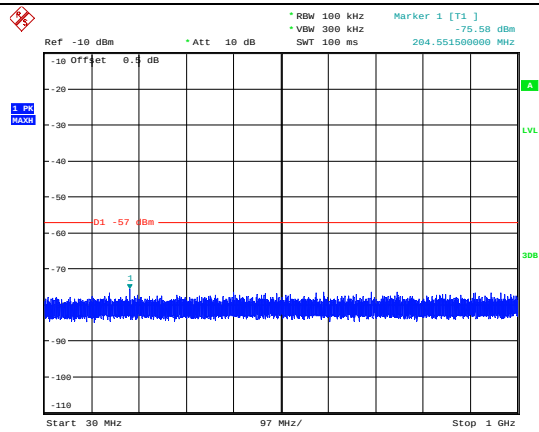




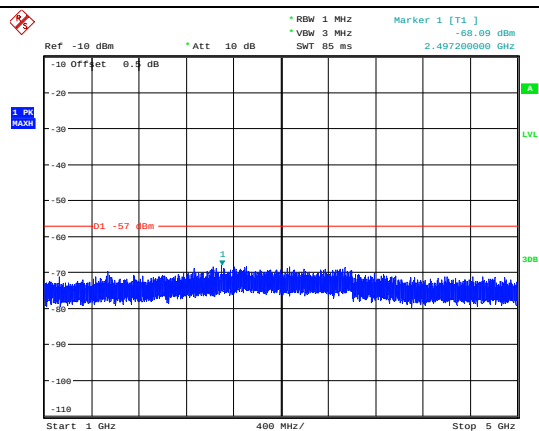




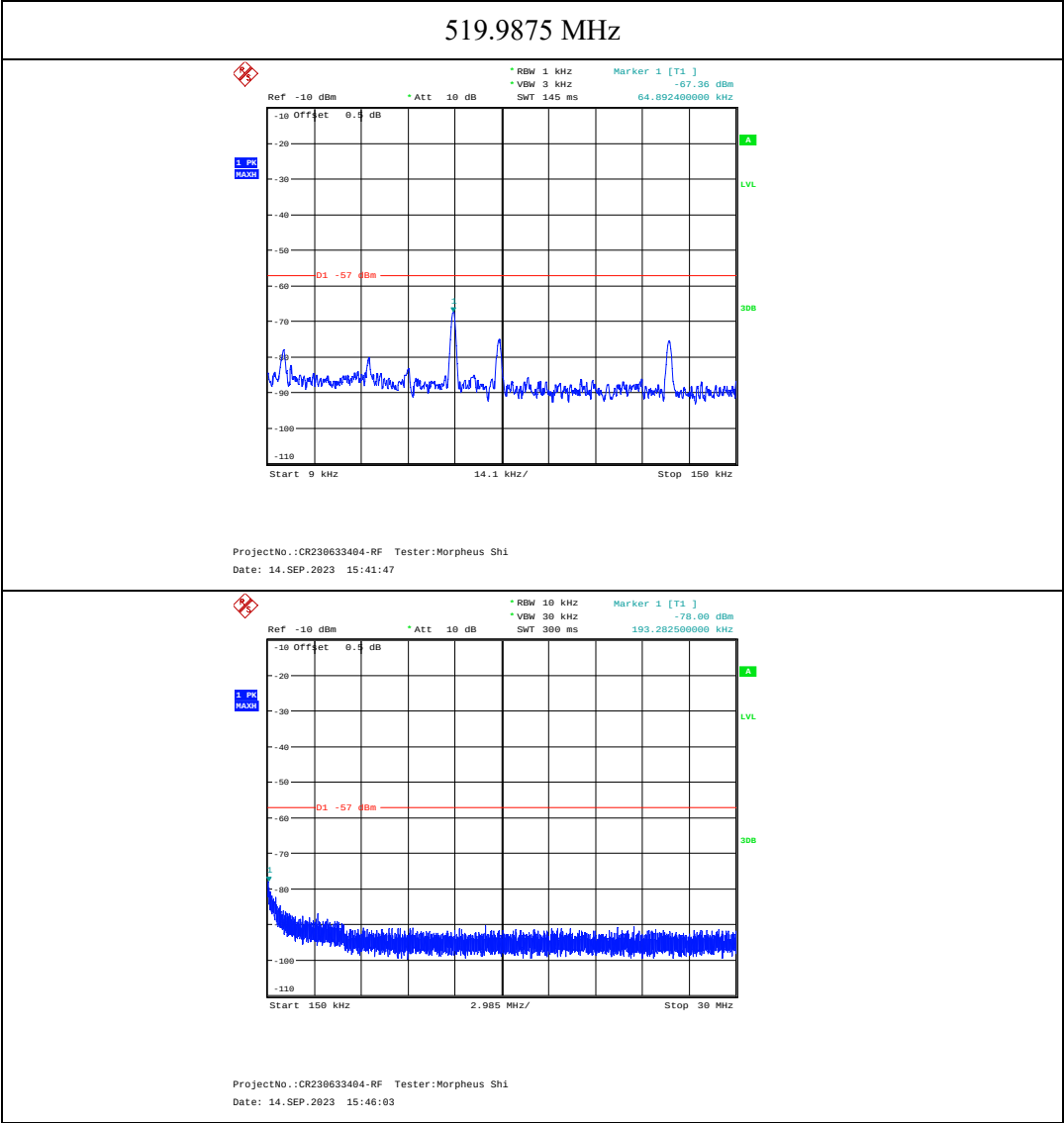
460 MHz

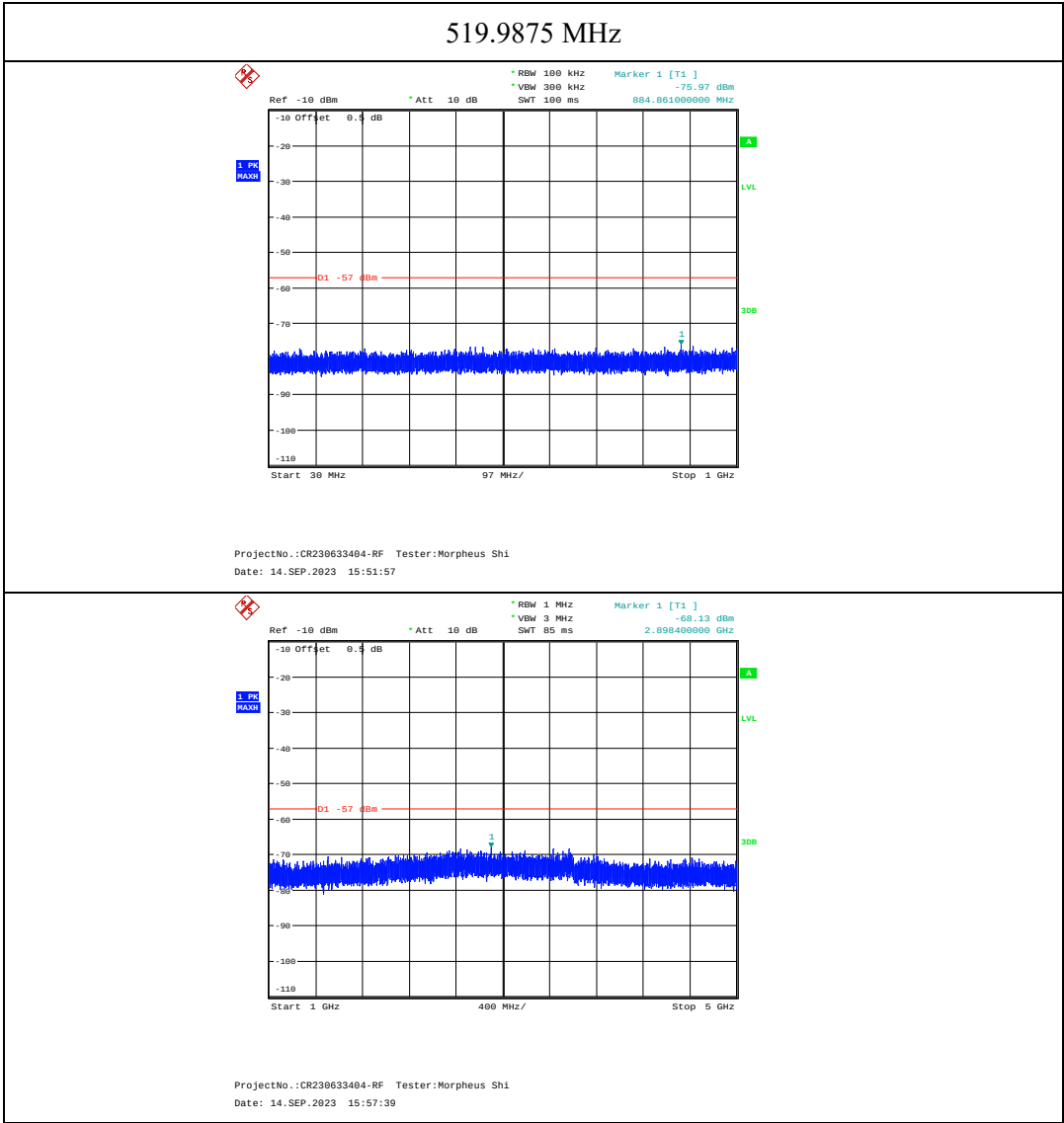


ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:51:26



ProjectNo.:CR230633404-RF Tester:Morpheus Shi
Date: 14.SEP.2023 15:56:53





4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	26SR-1	Test Date:	2023/09/14
Test Site:	RF	Test Mode:	Scanning
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	26.9	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.1

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200445	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
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

** 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	45	>38

5. EUT PHOTOGRAPHS

Please refer to the attachment CR230633404-EXP EUT EXTERNAL PHOTOGRAPHS and CR230633404-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230633404-00A-TSP TEST SETUP PHOTOGRAPHS.

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