



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: 2AJGMUV17M

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: CR231165353-00A

Date Of Issue: 2024/1/31

Reviewed By: Julie Tan

Title: RF Engineer

Julie Tan

Approved By: Sun Zhong

Title: Manager

Sun Zhong

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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.

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	CR231165353-00A	Original Report	2024/1/31

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

Product Name:	Amateur Radio
Test Model:	UV-17M
Multiple Models:	AR-17M, TH-17M, RD-17M, BF-17M, MB-17M, M-17 PRO, MK-17M, UV-17R PLUS
Highest Operation Frequency:	520MHz
Rated Input Voltage:	DC 7.4V from battery or DC 5V from USB Port
Serial Number:	CE/RE: 2D9A-1 RF Conducted: 2D99-1
EUT Received Date:	2023/11/7
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
	200-260	200.0125, 230, 259.9875
UHF Receiving	350-390	350.0125, 370, 389.9875
	400-520	400.0125, 460, 519.9875
Scanning	136-174	136-174
	200-260	200-260
	350-390	350-390
	400-520	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 M2: Charging & Receiving (Note: Manufacturer declared that EUT cannot charging from charger base)
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
PO FUNG	Earphone	/	/
Agilent	MXG Vector Signal Generator	N5182B	MY51350144
/	Antenna	/	/
Jian Aohai	Adapter	A8-050200U-US3	AD220930002

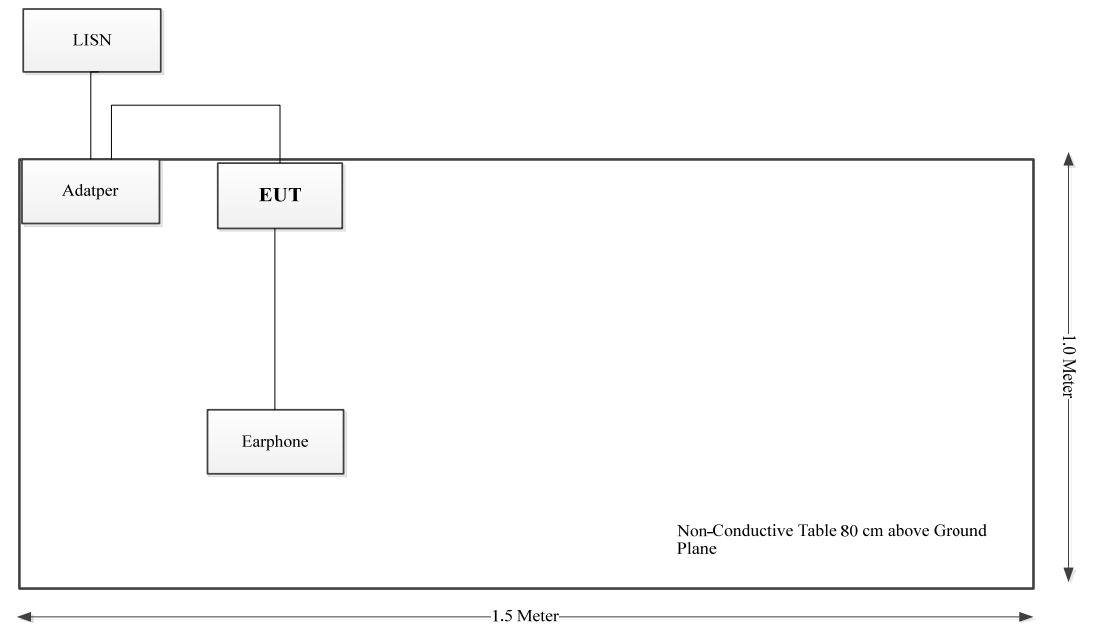
1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Type-c cable	No	No	0.75	Adapter	EUT
Earphone cable	No	No	1	Earphone	EUT
Coaxial Cable	No	No	2	Antenna	N5182B

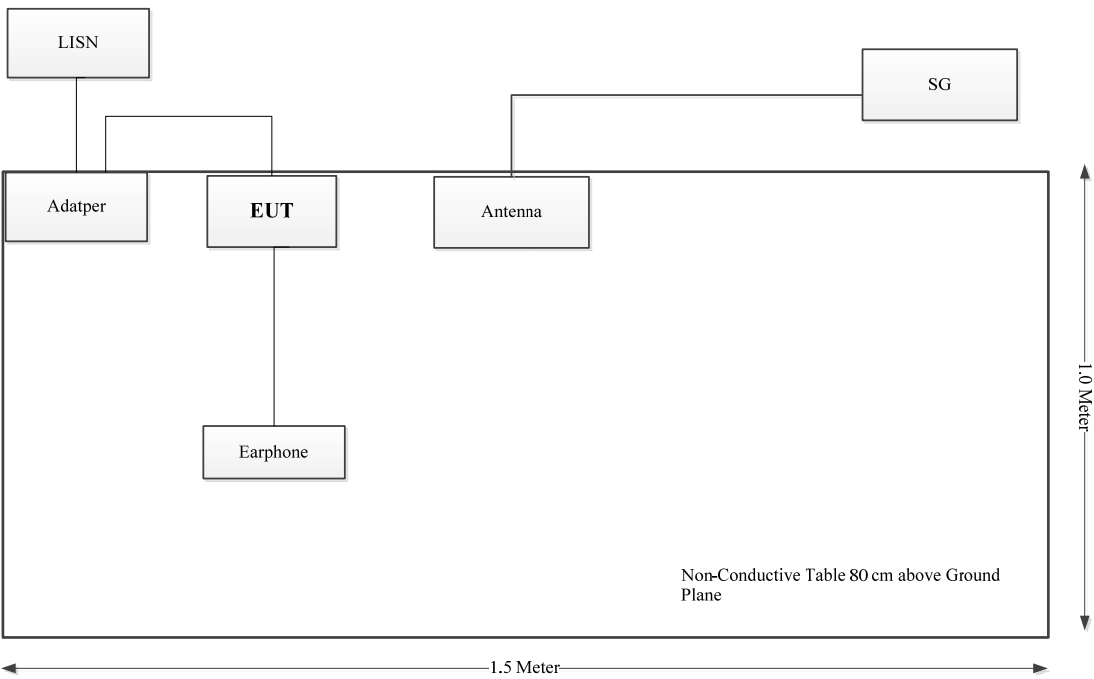
1.2.4 Block Diagram of Test Setup

CE:

M1:

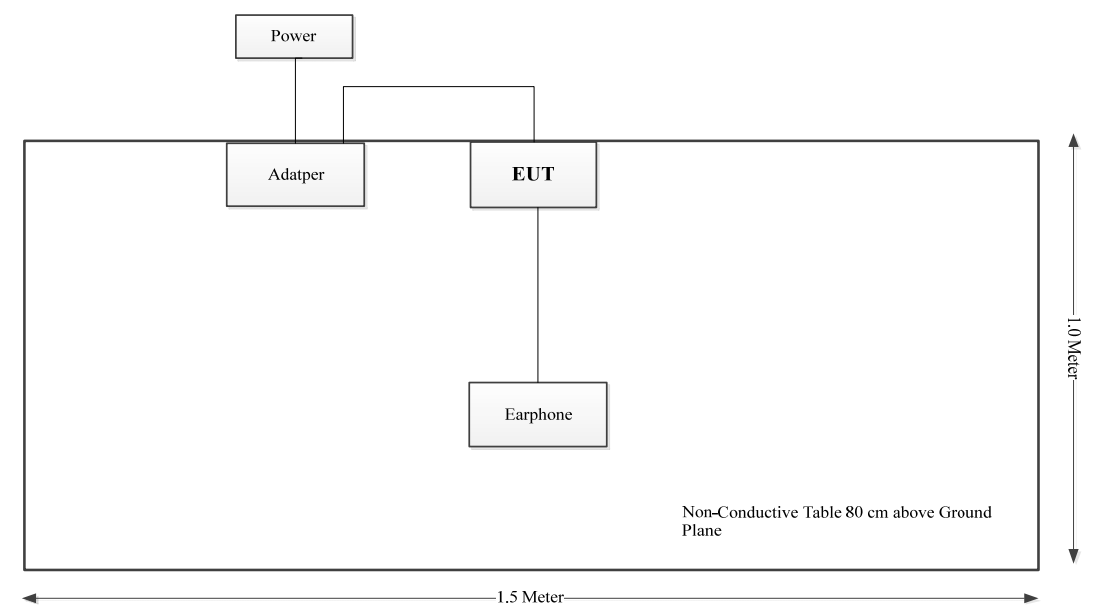


M2:

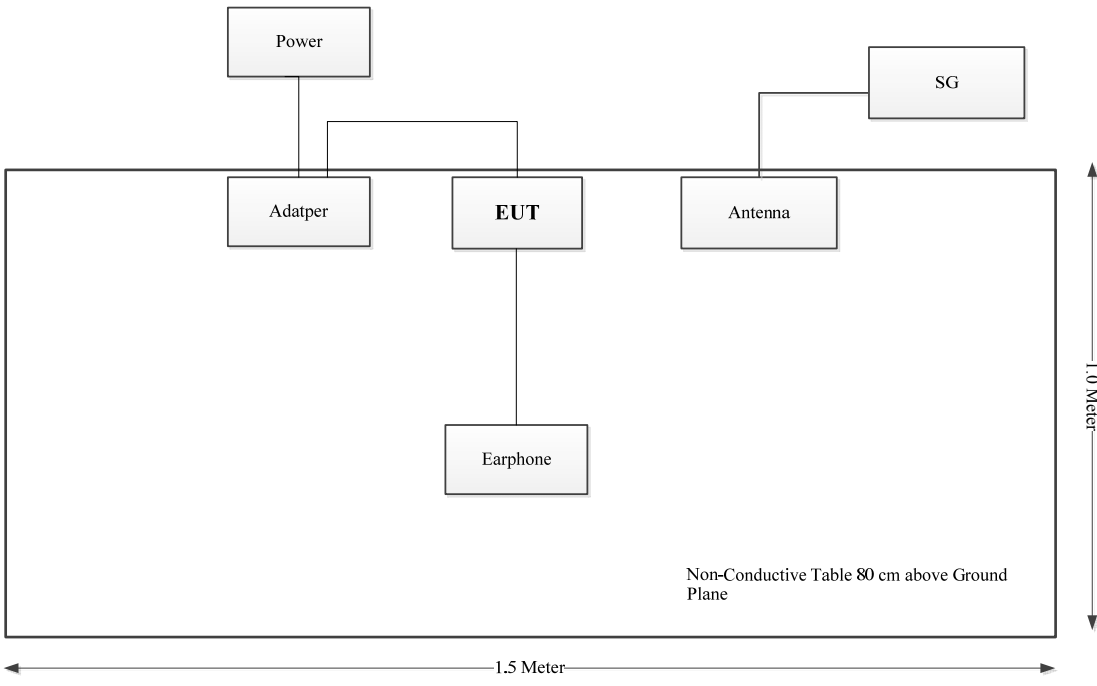


RE:

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)

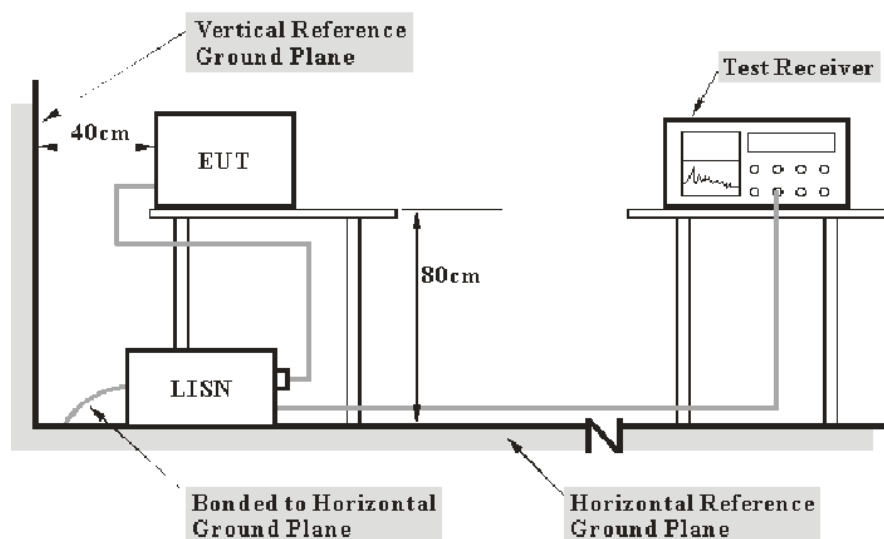
2. SUMMARY OF TEST RESULTS

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

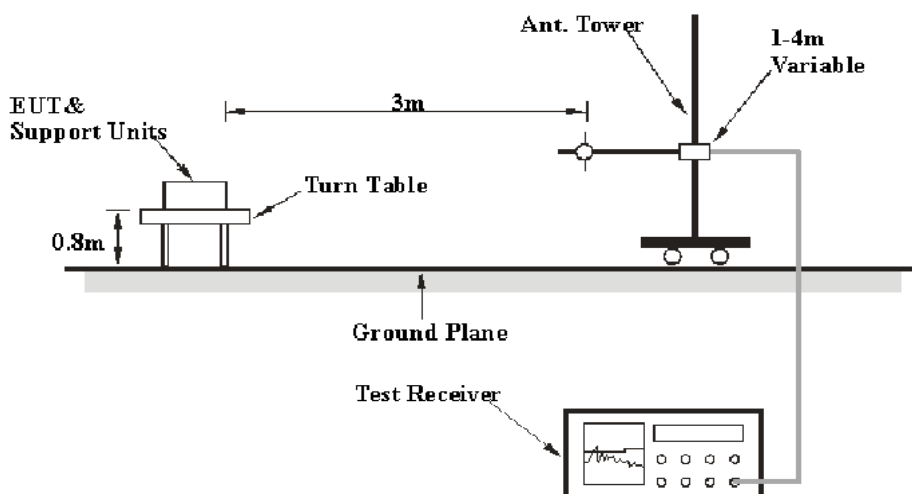
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

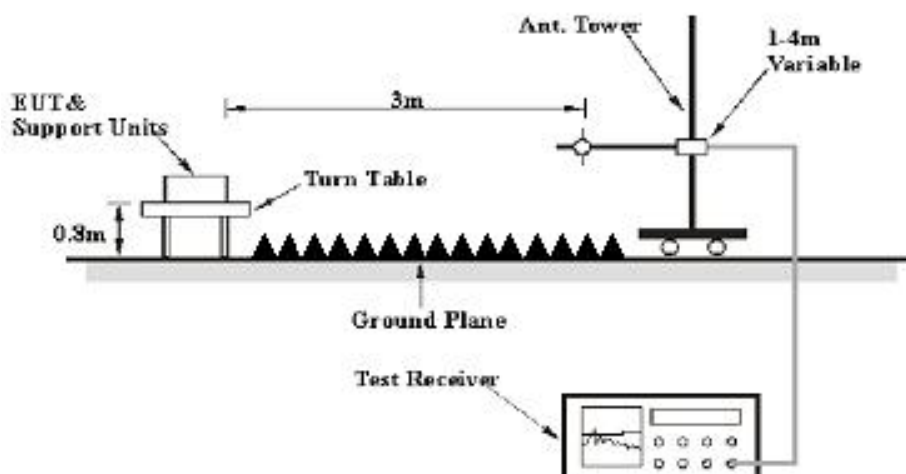
3.2 Radiation Spurious Emissions

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	100 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

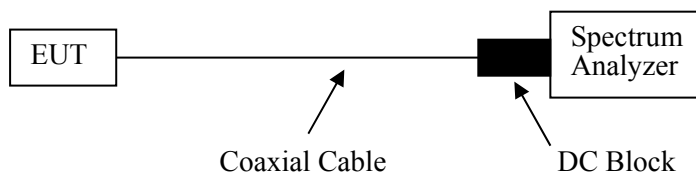
FCC§15.111.

(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.

3.3.2 Test Procedure

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

Connected the EUT as the below block diagram:



3.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

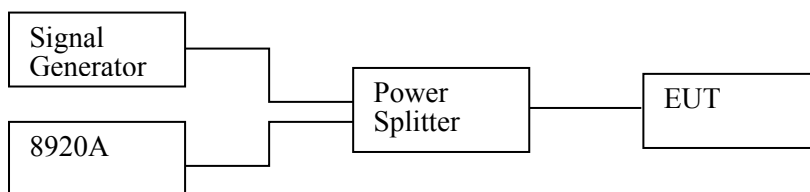
3.4.1 Applicable Standard

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.

3.4.2 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 8920 output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the 8920 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:	2D9A-1	Test Date:	2023/11/25
Test Site:	CE	Test Mode:	M1,M2
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	27	Relative Humidity: (%)	45	ATM Pressure: (kPa)	101.4
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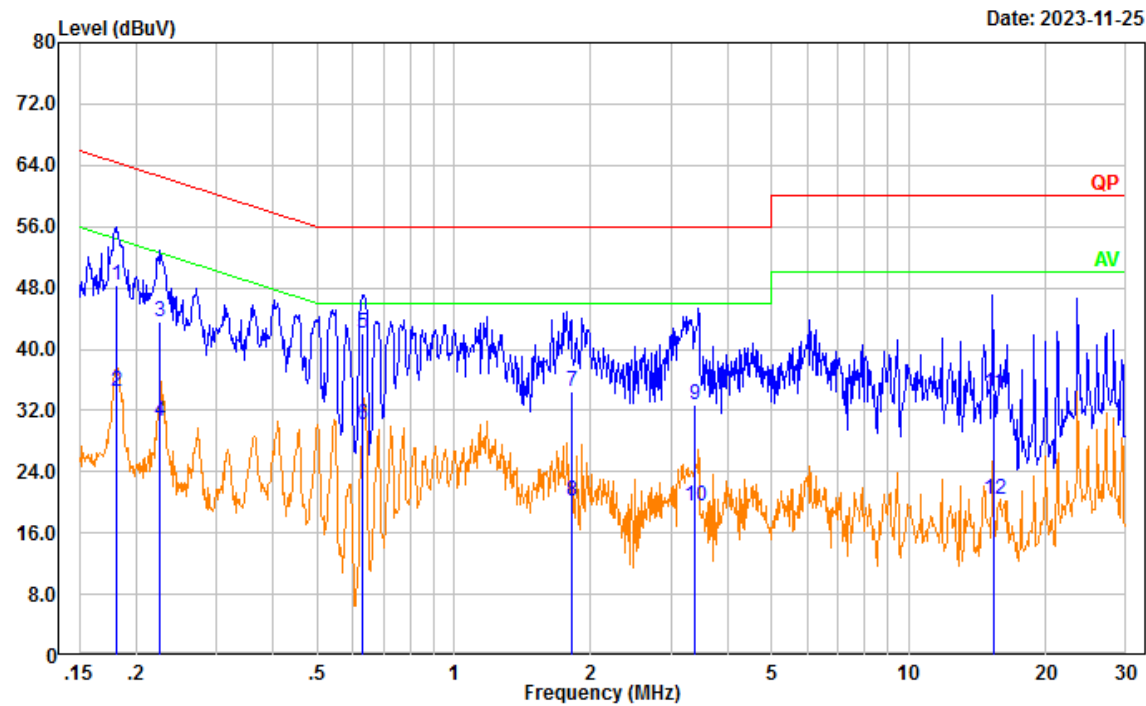
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/3/31	2024/3/30
R&S	EMI Test Receiver	ESR3	102726	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2023/8/6	2024/8/5
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).

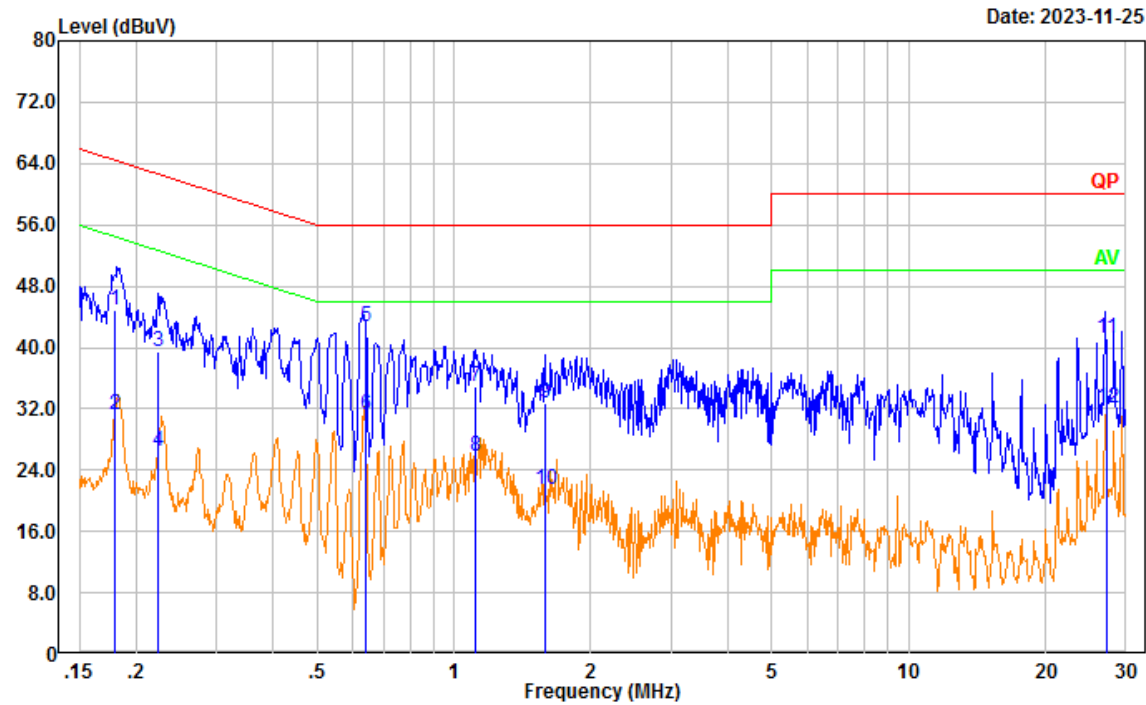
Test Mode: M1(136-174MHz)

Project No.: CR231165353-RF
Tester: David Huang
Port: Line
Note: M1 Charging& Scanning (136-174)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.181	38.70	9.61	48.31	64.45	16.14	QP
2	0.181	24.90	9.61	34.51	54.45	19.94	Average
3	0.226	34.00	9.61	43.61	62.59	18.98	QP
4	0.226	20.99	9.61	30.60	52.59	21.99	Average
5	0.632	32.52	9.62	42.14	56.00	13.86	QP
6	0.632	20.61	9.62	30.23	46.00	15.77	Average
7	1.812	24.78	9.63	34.41	56.00	21.59	QP
8	1.812	10.54	9.63	20.17	46.00	25.83	Average
9	3.374	23.00	9.65	32.65	56.00	23.35	QP
10	3.374	9.80	9.65	19.45	46.00	26.55	Average
11	15.375	24.58	9.70	34.28	60.00	25.72	QP
12	15.375	10.62	9.70	20.32	50.00	29.68	Average

Project No.: CR231165353-RF
Tester: David Huang
Port: neutral
Note: M1 Charging& Scanning (136-174)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	35.26	9.61	44.87	64.49	19.62	QP
2	0.180	21.57	9.61	31.18	54.49	23.31	Average
3	0.224	29.86	9.61	39.47	62.67	23.20	QP
4	0.224	16.87	9.61	26.48	52.67	26.19	Average
5	0.638	33.13	9.62	42.75	56.00	13.25	QP
6	0.638	21.57	9.62	31.19	46.00	14.81	Average
7	1.118	25.35	9.62	34.97	56.00	21.03	QP
8	1.118	16.24	9.62	25.86	46.00	20.14	Average
9	1.585	23.03	9.63	32.66	56.00	23.34	QP
10	1.585	11.77	9.63	21.40	46.00	24.60	Average
11	27.219	31.31	9.80	41.11	60.00	18.89	QP
12	27.219	22.32	9.80	32.12	50.00	17.88	Average

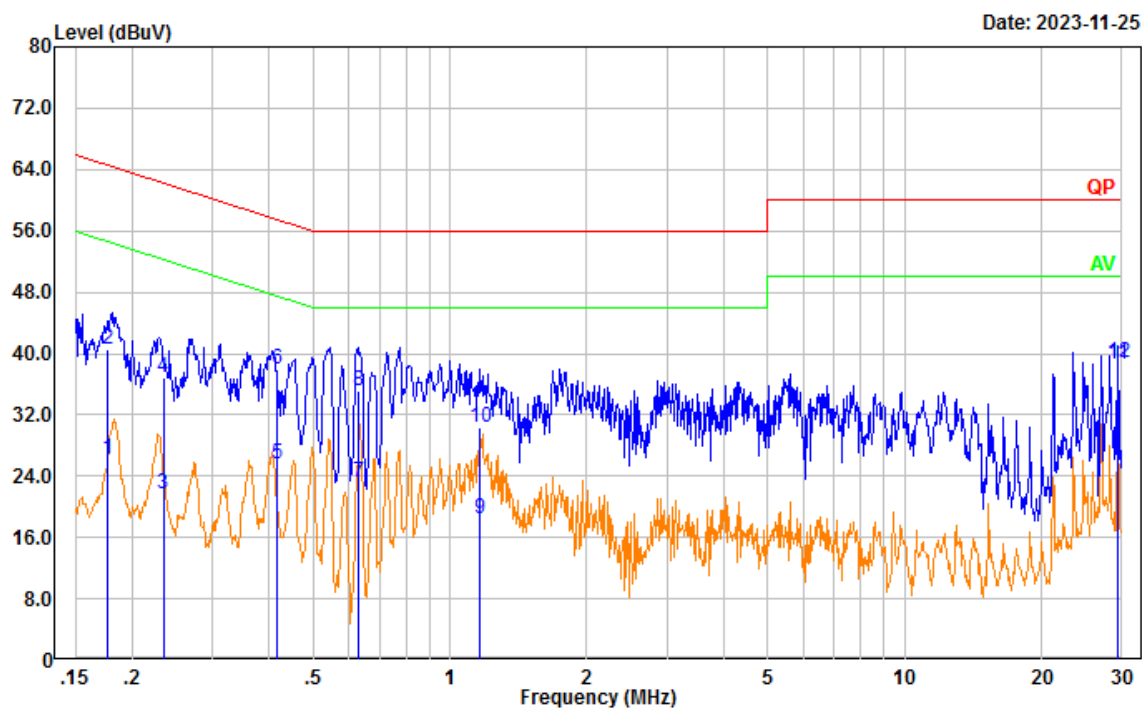
Test Mode: M1(200-260MHz)

Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M1 Charging& Scanning (200-260)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.176	16.52	9.61	26.13	54.66	28.53	Average
2	0.176	31.01	9.61	40.62	64.66	24.04	QP
3	0.234	12.17	9.61	21.78	52.30	30.52	Average
4	0.234	27.33	9.61	36.94	62.30	25.36	QP
5	0.418	16.06	9.61	25.67	47.49	21.82	Average
6	0.418	28.28	9.61	37.89	57.49	19.60	QP
7	0.629	13.54	9.62	23.16	46.00	22.84	Average
8	0.629	25.50	9.62	35.12	56.00	20.88	QP
9	1.163	8.80	9.62	18.42	46.00	27.58	Average
10	1.163	20.65	9.62	30.27	46.00	15.73	Average
11	29.413	28.67	9.82	38.49	60.00	21.51	QP
12	29.413	28.95	9.82	38.77	60.00	21.23	QP

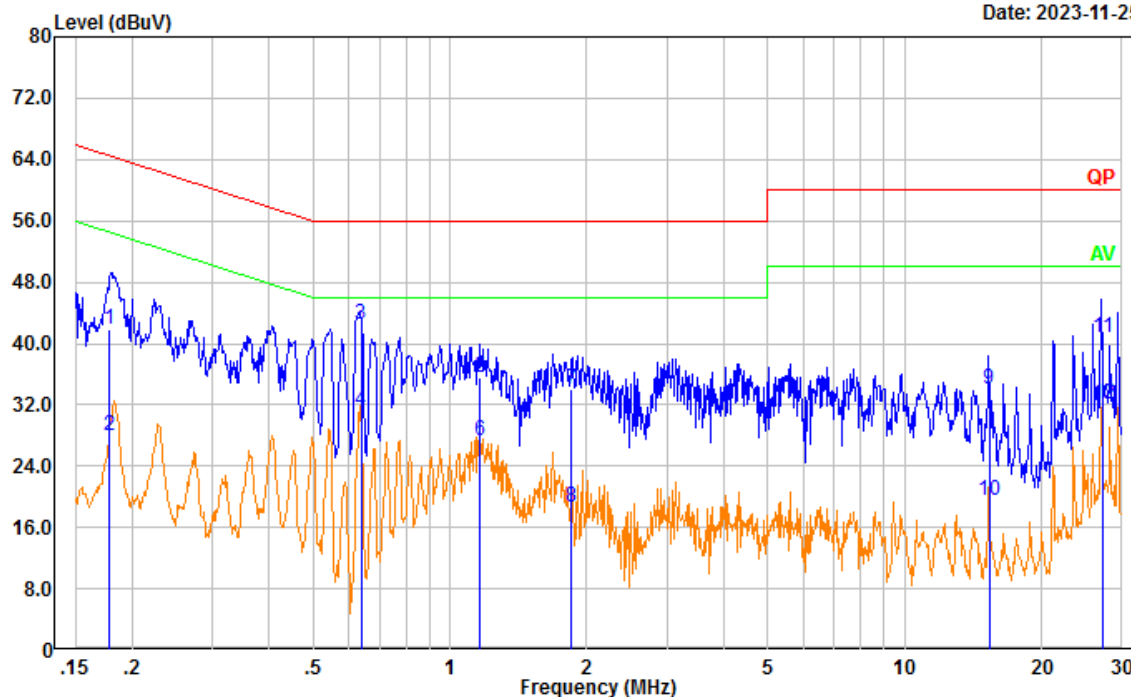
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M1 Charging& Scanning (200-260)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	32.21	9.61	41.82	64.54	22.72	QP
2	0.179	18.34	9.61	27.95	54.54	26.59	Average
3	0.637	32.93	9.62	42.55	56.00	13.45	QP
4	0.637	21.70	9.62	31.32	46.00	14.68	Average
5	1.165	25.94	9.62	35.56	56.00	20.44	QP
6	1.165	17.64	9.62	27.26	46.00	18.74	Average
7	1.852	24.51	9.63	34.14	56.00	21.86	QP
8	1.852	9.03	9.63	18.66	46.00	27.34	Average
9	15.323	24.34	9.69	34.03	60.00	25.97	QP
10	15.323	9.93	9.69	19.62	50.00	30.38	Average
11	27.195	31.00	9.80	40.80	60.00	19.20	QP
12	27.195	22.26	9.80	32.06	50.00	17.94	Average

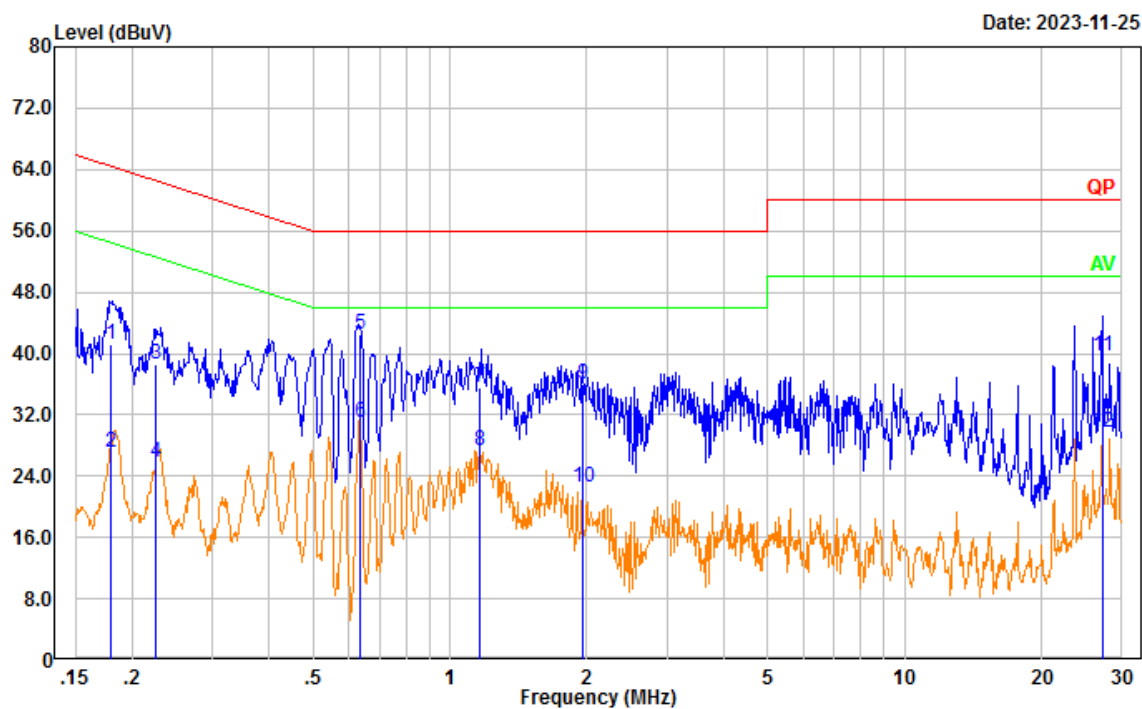
Test Mode: M1(350-390MHz)

Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M1 Charging& Scanning (350-390)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	31.66	9.61	41.27	64.51	23.24	QP
2	0.179	17.55	9.61	27.16	54.51	27.35	Average
3	0.226	29.02	9.61	38.63	62.59	23.96	QP
4	0.226	16.23	9.61	25.84	52.59	26.75	Average
5	0.637	32.85	9.62	42.47	56.00	13.53	QP
6	0.637	21.42	9.62	31.04	46.00	14.96	Average
7	1.166	25.88	9.62	35.50	56.00	20.50	QP
8	1.166	17.74	9.62	27.36	46.00	18.64	Average
9	1.958	26.39	9.63	36.02	56.00	19.98	QP
10	1.958	12.96	9.63	22.59	46.00	23.41	Average
11	27.149	29.75	9.83	39.58	60.00	20.42	QP
12	27.149	19.97	9.83	29.80	50.00	20.20	Average

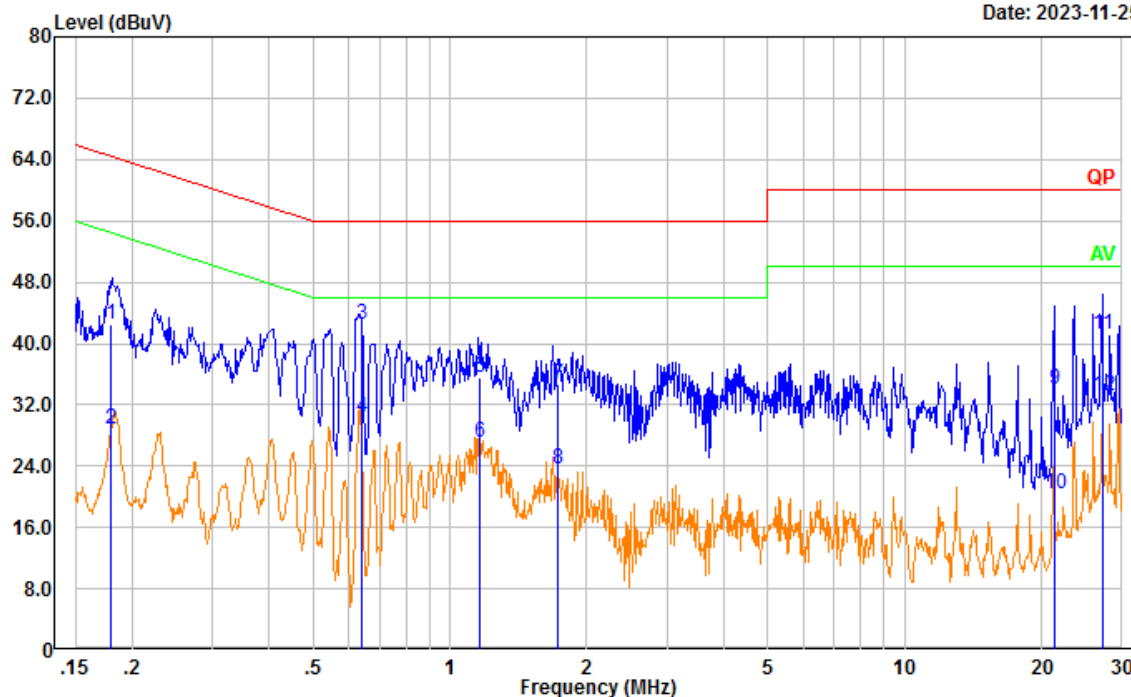
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M1 Charging& Scanning (350-390)

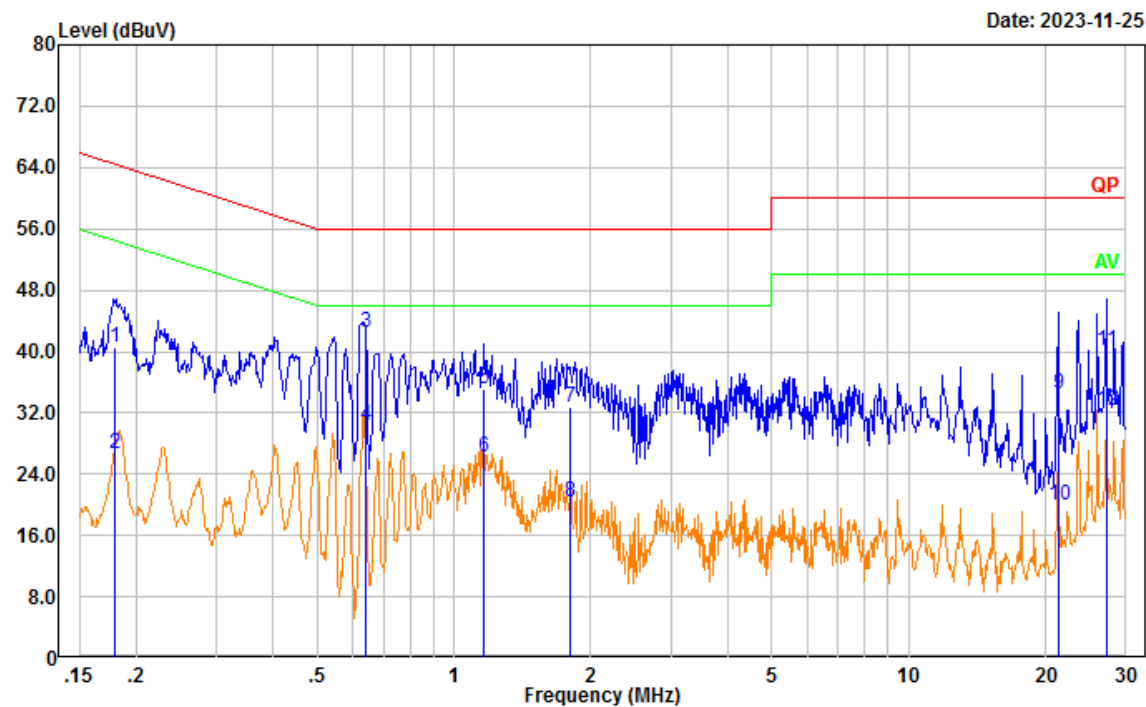
Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.91	9.61	42.52	64.47	21.95	QP
2	0.180	19.17	9.61	28.78	54.47	25.69	Average
3	0.638	32.85	9.62	42.47	56.00	13.53	QP
4	0.638	20.65	9.62	30.27	46.00	15.73	Average
5	1.164	25.87	9.62	35.49	56.00	20.51	QP
6	1.164	17.40	9.62	27.02	46.00	18.98	Average
7	1.730	25.01	9.63	34.64	56.00	21.36	QP
8	1.730	13.93	9.63	23.56	46.00	22.44	Average
9	21.365	24.24	9.71	33.95	60.00	26.05	QP
10	21.365	10.62	9.71	20.33	50.00	29.67	Average
11	27.266	31.36	9.80	41.16	60.00	18.84	QP
12	27.266	23.32	9.80	33.12	50.00	16.88	Average

Test Mode: M1(400-520MHz)

Project No.: CR231165353-RF
Tester: David Huang
Port: Line
Note: M1 Charging& Scanning (400-520)



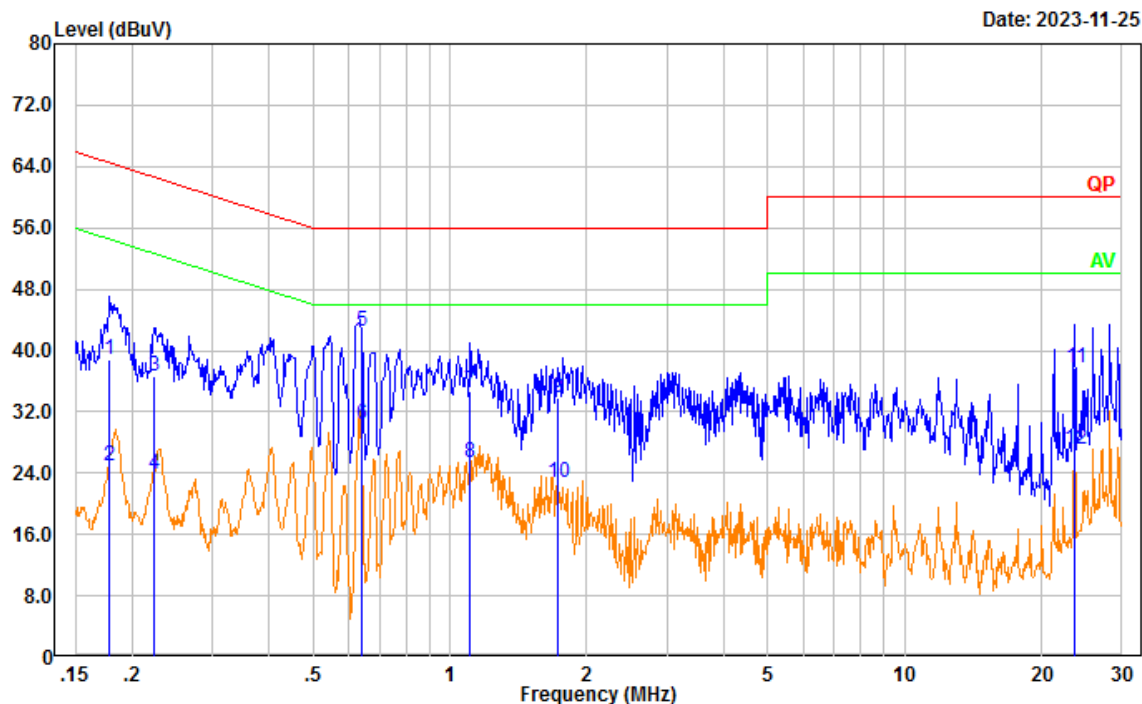
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	30.91	9.61	40.52	64.50	23.98	QP
2	0.180	17.09	9.61	26.70	54.50	27.80	Average
3	0.638	32.84	9.62	42.46	56.00	13.54	QP
4	0.638	20.80	9.62	30.42	46.00	15.58	Average
5	1.164	25.47	9.62	35.09	56.00	20.91	QP
6	1.164	16.52	9.62	26.14	46.00	19.86	Average
7	1.803	23.11	9.63	32.74	56.00	23.26	QP
8	1.803	10.73	9.63	20.36	46.00	25.64	Average
9	21.355	24.68	9.80	34.48	60.00	25.52	QP
10	21.355	10.18	9.80	19.98	50.00	30.02	Average
11	27.199	30.37	9.83	40.20	60.00	19.80	QP
12	27.199	22.44	9.83	32.27	50.00	17.73	Average

Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M1 Charging& Scanning (400-520)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.178	29.27	9.61	38.88	64.58	25.70	QP
2	0.178	15.25	9.61	24.86	54.58	29.72	Average
3	0.224	27.02	9.61	36.63	62.68	26.05	QP
4	0.224	14.31	9.61	23.92	52.68	28.76	Average
5	0.638	32.86	9.62	42.48	56.00	13.52	QP
6	0.638	20.73	9.62	30.35	46.00	15.65	Average
7	1.108	25.16	9.62	34.78	56.00	21.22	QP
8	1.108	15.70	9.62	25.32	46.00	20.68	Average
9	1.731	24.18	9.63	33.81	56.00	22.19	QP
10	1.731	13.20	9.63	22.83	46.00	23.17	Average
11	23.663	27.99	9.75	37.74	60.00	22.26	QP
12	23.663	17.32	9.75	27.07	50.00	22.93	Average

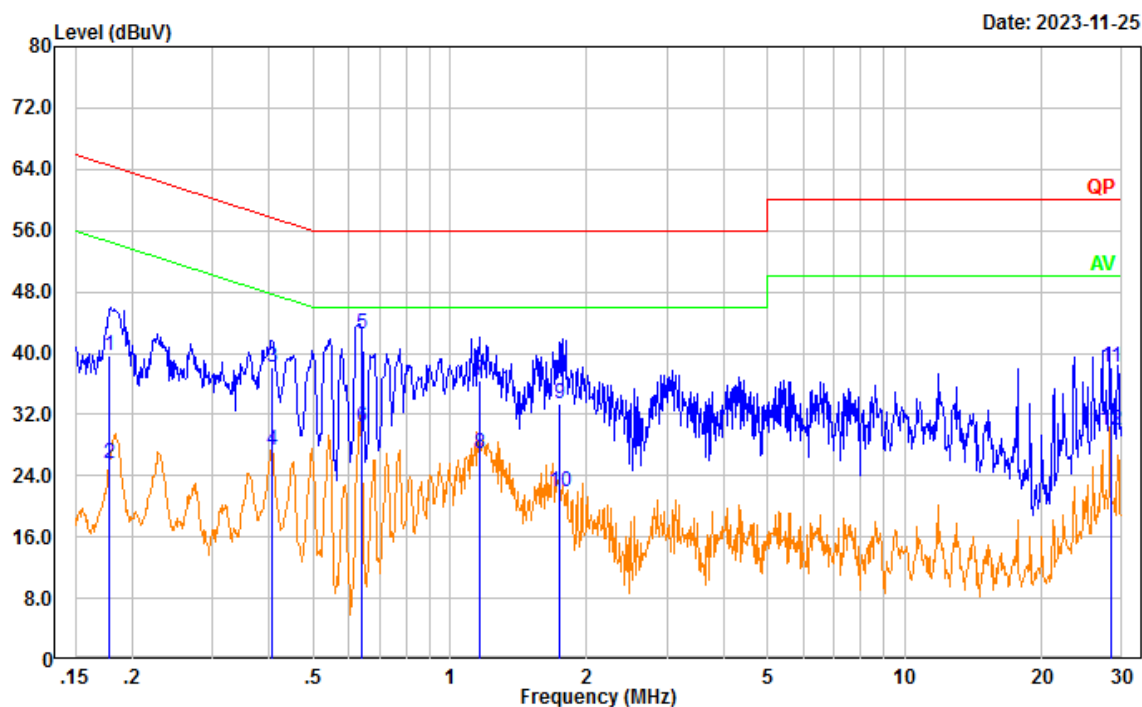
Test Mode: M2 (RX 136.0125MHz)

Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(136.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	30.05	9.61	39.66	64.54	24.88	QP
2	0.179	16.03	9.61	25.64	54.54	28.90	Average
3	0.406	28.63	9.61	38.24	57.73	19.49	QP
4	0.406	17.61	9.61	27.22	47.73	20.51	Average
5	0.638	32.96	9.62	42.58	56.00	13.42	QP
6	0.638	20.64	9.62	30.26	46.00	15.74	Average
7	1.164	26.73	9.62	36.35	56.00	19.65	QP
8	1.164	17.34	9.62	26.96	46.00	19.04	Average
9	1.743	23.73	9.63	33.36	56.00	22.64	QP
10	1.743	12.34	9.63	21.97	46.00	24.03	Average
11	28.326	28.25	9.83	38.08	60.00	21.92	QP
12	28.326	20.17	9.83	30.00	50.00	20.00	Average

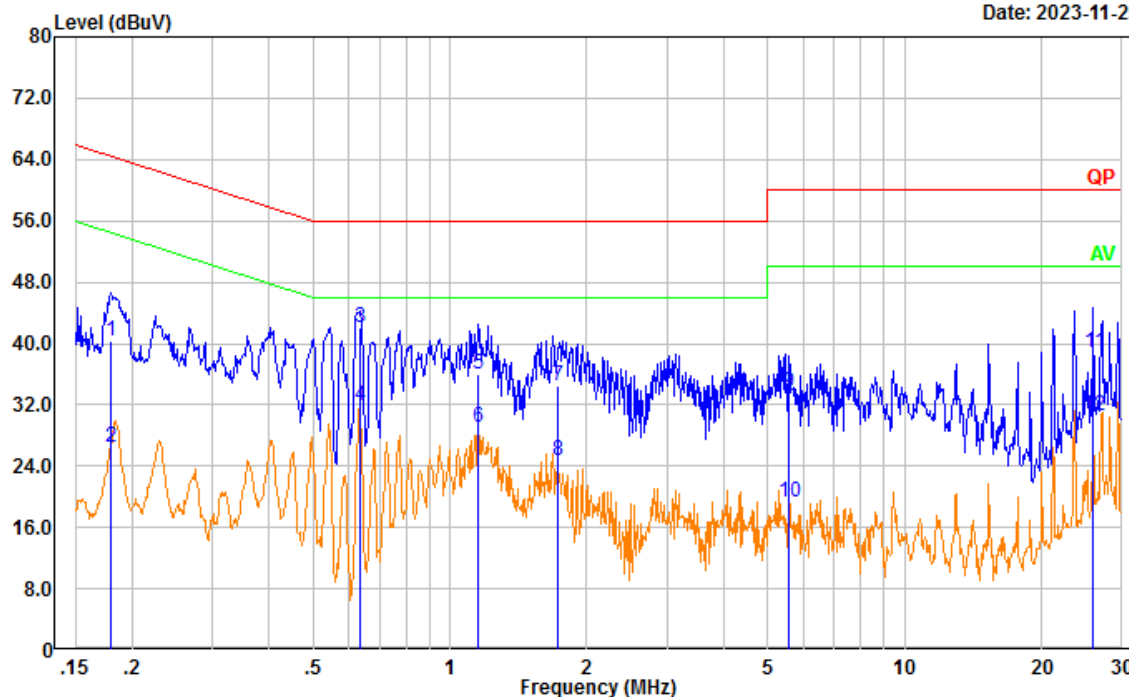
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(136.0125)

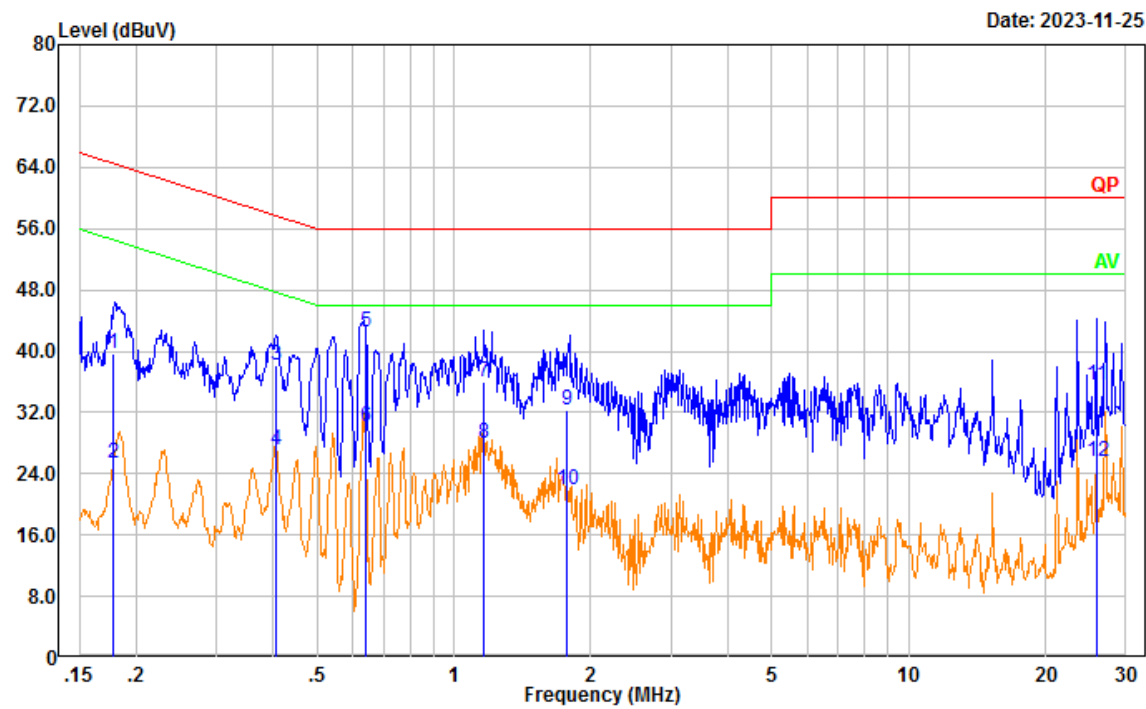
Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	30.73	9.61	40.34	64.50	24.16	QP
2	0.180	16.87	9.61	26.48	54.50	28.02	Average
3	0.634	32.35	9.62	41.97	56.00	14.03	QP
4	0.634	22.26	9.62	31.88	46.00	14.12	Average
5	1.155	26.34	9.62	35.96	56.00	20.04	QP
6	1.155	19.44	9.62	29.06	46.00	16.94	Average
7	1.733	24.88	9.63	34.51	56.00	21.49	QP
8	1.733	15.07	9.63	24.70	46.00	21.30	Average
9	5.552	23.99	9.66	33.65	60.00	26.35	QP
10	5.552	9.59	9.66	19.25	50.00	30.75	Average
11	26.019	29.01	9.78	38.79	60.00	21.21	QP
12	26.019	20.79	9.78	30.57	50.00	19.43	Average

Test Mode: M2 (RX 155MHz)

Project No.: CR231165353-RF
Tester: David Huang
Port: Line
Note: M2 Charging&Receiving(155)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	29.99	9.61	39.60	64.55	24.95	QP
2	0.179	15.77	9.61	25.38	54.55	29.17	Average
3	0.406	28.56	9.61	38.17	57.74	19.57	QP
4	0.406	17.57	9.61	27.18	47.74	20.56	Average
5	0.638	32.96	9.62	42.58	56.00	13.42	QP
6	0.638	20.53	9.62	30.15	46.00	15.85	Average
7	1.167	26.33	9.62	35.95	56.00	20.05	QP
8	1.167	18.44	9.62	28.06	46.00	17.94	Average
9	1.768	22.60	9.63	32.23	56.00	23.77	QP
10	1.768	12.21	9.63	21.84	46.00	24.16	Average
11	25.903	25.78	9.82	35.60	60.00	24.40	QP
12	25.903	15.69	9.82	25.51	50.00	24.49	Average

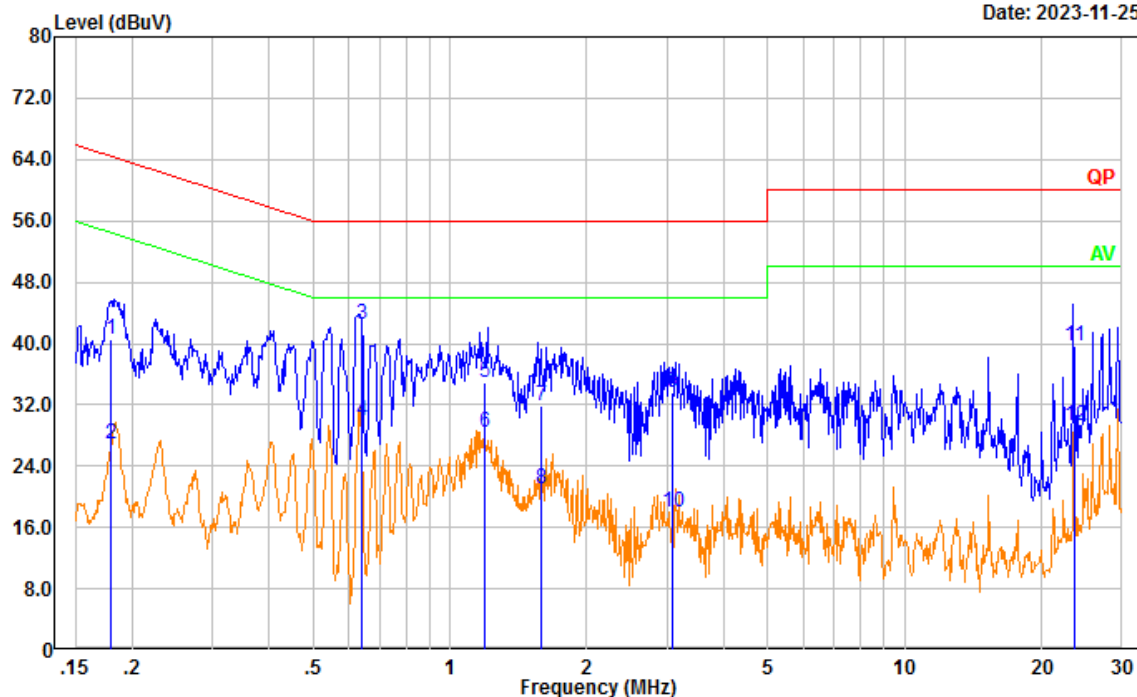
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(155)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	31.00	9.61	40.61	64.48	23.87	QP
2	0.180	17.26	9.61	26.87	54.48	27.61	Average
3	0.639	32.92	9.62	42.54	56.00	13.46	QP
4	0.639	20.32	9.62	29.94	46.00	16.06	Average
5	1.190	25.31	9.62	34.93	56.00	21.07	QP
6	1.190	18.68	9.62	28.30	46.00	17.70	Average
7	1.581	22.23	9.63	31.86	56.00	24.14	QP
8	1.581	11.32	9.63	20.95	46.00	25.05	Average
9	3.085	23.99	9.65	33.64	56.00	22.36	QP
10	3.085	8.36	9.65	18.01	46.00	27.99	Average
11	23.611	29.86	9.75	39.61	60.00	20.39	QP
12	23.611	19.60	9.75	29.35	50.00	20.65	Average

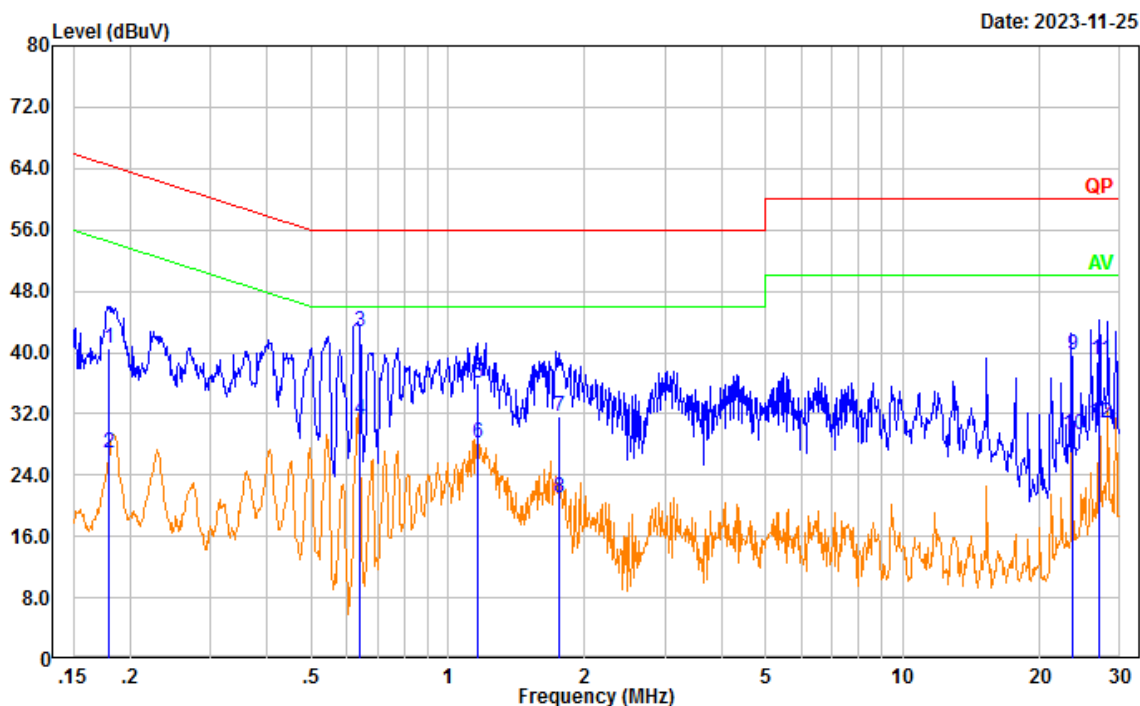
Test Mode: M2 (RX 173.9875MHz)

Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(173.9875)



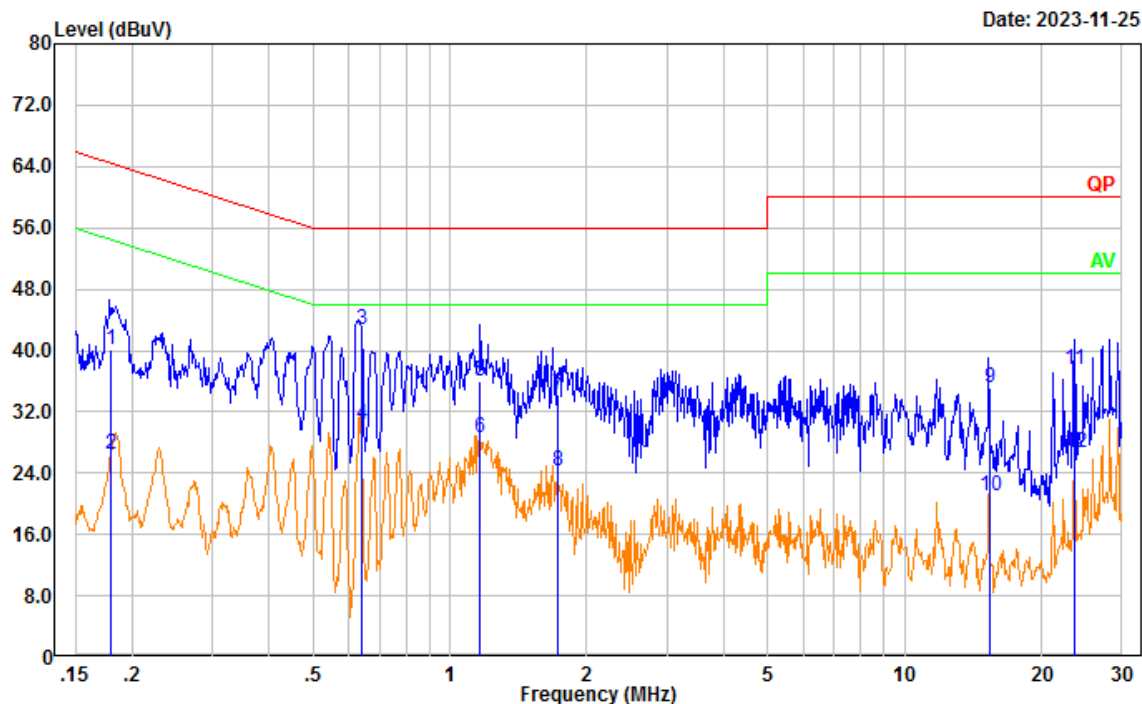
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	30.93	9.61	40.54	64.47	23.93	QP
2	0.180	17.29	9.61	26.90	54.47	27.57	Average
3	0.637	33.05	9.62	42.67	56.00	13.33	QP
4	0.637	21.50	9.62	31.12	46.00	14.88	Average
5	1.166	26.31	9.62	35.93	56.00	20.07	QP
6	1.166	18.56	9.62	28.18	46.00	17.82	Average
7	1.754	21.99	9.63	31.62	56.00	24.38	QP
8	1.754	11.39	9.63	21.02	46.00	24.98	Average
9	23.640	29.82	9.81	39.63	60.00	20.37	QP
10	23.640	19.35	9.81	29.16	50.00	20.84	Average
11	27.125	29.16	9.83	38.99	60.00	21.01	QP
12	27.125	20.88	9.83	30.71	50.00	19.29	Average

Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(173.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	30.53	9.61	40.14	64.49	24.35	QP
2	0.180	16.83	9.61	26.44	54.49	28.05	Average
3	0.638	33.04	9.62	42.66	56.00	13.34	QP
4	0.638	20.80	9.62	30.42	46.00	15.58	Average
5	1.166	26.40	9.62	36.02	56.00	19.98	QP
6	1.166	19.09	9.62	28.71	46.00	17.29	Average
7	1.733	24.70	9.63	34.33	56.00	21.67	QP
8	1.733	14.60	9.63	24.23	46.00	21.77	Average
9	15.349	25.51	9.69	35.20	60.00	24.80	QP
10	15.349	11.28	9.69	20.97	50.00	29.03	Average
11	23.587	27.67	9.75	37.42	60.00	22.58	QP
12	23.587	16.86	9.75	26.61	50.00	23.39	Average

Test Mode: M2(RX 200.0125MHz)

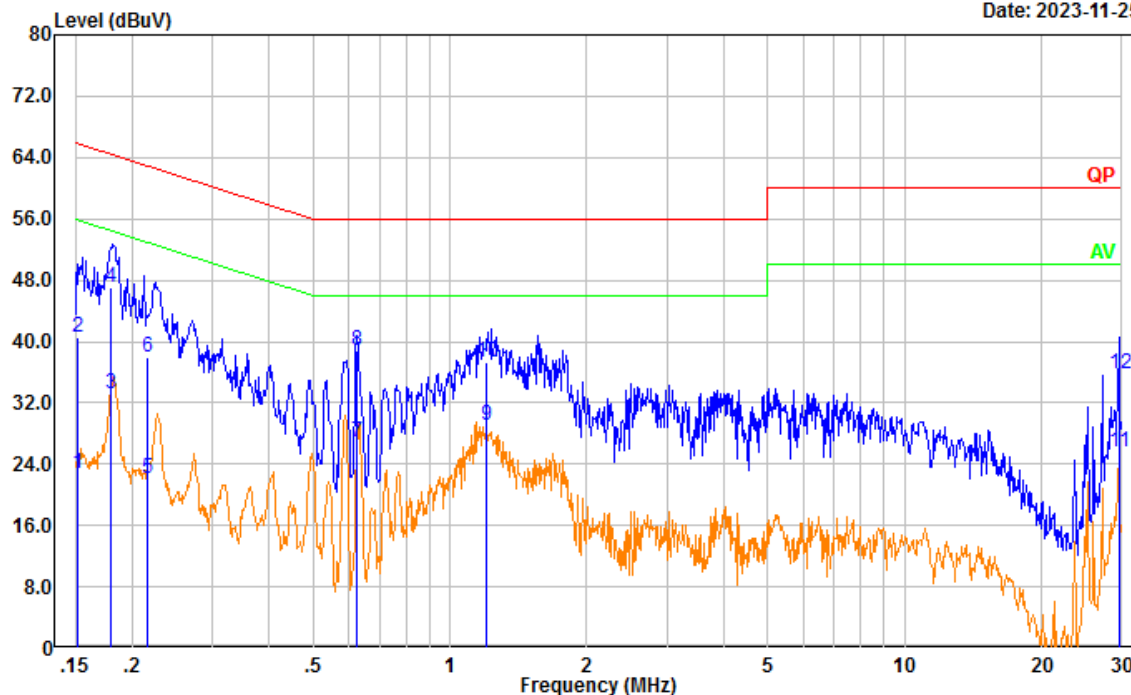
Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(200.0125)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.152	13.14	9.61	22.75	55.91	33.16	Average
2	0.152	31.00	9.61	40.61	65.91	25.30	QP
3	0.180	23.51	9.61	33.12	54.48	21.36	Average
4	0.180	37.38	9.61	46.99	64.48	17.49	QP
5	0.216	12.57	9.61	22.18	52.95	30.77	Average
6	0.216	28.35	9.61	37.96	62.95	24.99	QP
7	0.625	17.26	9.62	26.88	46.00	19.12	Average
8	0.625	29.27	9.62	38.89	56.00	17.11	QP
9	1.204	19.54	9.62	29.16	46.00	16.84	Average
10	1.204	27.77	9.62	37.39	56.00	18.61	QP
11	29.608	15.70	9.82	25.52	50.00	24.48	Average
12	29.608	25.85	9.82	35.67	60.00	24.33	QP

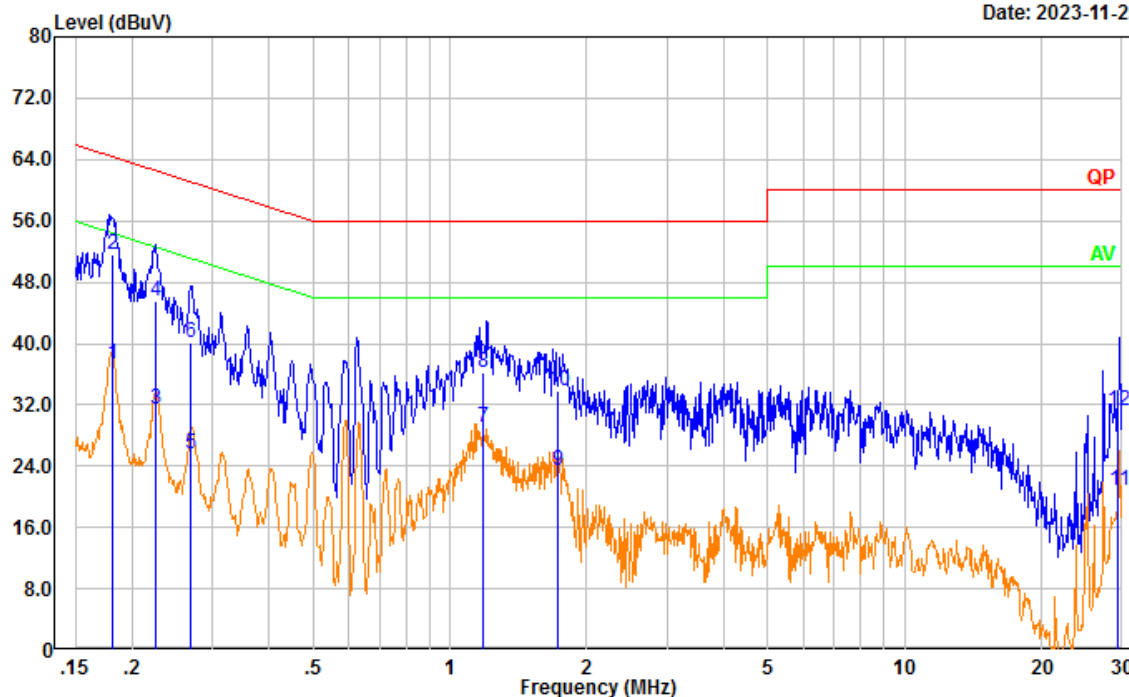
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(200.0125)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	27.60	9.61	37.21	54.46	17.25	Average
2	0.180	41.96	9.61	51.57	64.46	12.89	QP
3	0.225	21.79	9.61	31.40	52.64	21.24	Average
4	0.225	36.00	9.61	45.61	62.64	17.03	QP
5	0.270	15.94	9.61	25.55	51.12	25.57	Average
6	0.270	30.55	9.61	40.16	61.12	20.96	QP
7	1.180	19.39	9.62	29.01	46.00	16.99	Average
8	1.180	26.66	9.62	36.28	56.00	19.72	QP
9	1.720	13.87	9.63	23.50	46.00	22.50	Average
10	1.720	24.19	9.63	33.82	56.00	22.18	QP
11	29.499	11.02	9.81	20.83	50.00	29.17	Average
12	29.499	21.33	9.81	31.14	60.00	28.86	QP

Test Mode: M2 (RX 230MHz)

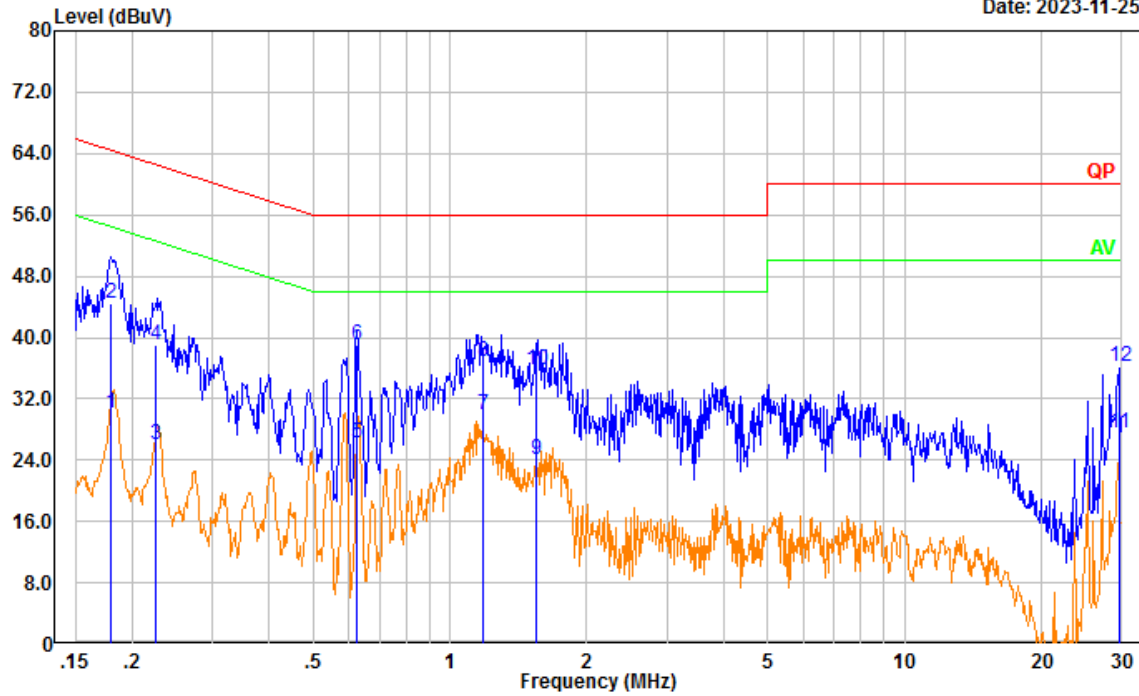
Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(230)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	20.59	9.61	30.20	54.52	24.32	Average
2	0.179	34.78	9.61	44.39	64.52	20.13	QP
3	0.225	16.48	9.61	26.09	52.63	26.54	Average
4	0.225	29.51	9.61	39.12	62.63	23.51	QP
5	0.624	16.56	9.62	26.18	46.00	19.82	Average
6	0.624	29.33	9.62	38.95	56.00	17.05	QP
7	1.181	20.40	9.62	30.02	46.00	15.98	Average
8	1.181	27.19	9.62	36.81	56.00	19.19	QP
9	1.554	14.41	9.63	24.04	46.00	21.96	Average
10	1.554	26.19	9.63	35.82	56.00	20.18	QP
11	29.610	17.77	9.82	27.59	50.00	22.41	Average
12	29.610	26.47	9.82	36.29	60.00	23.71	QP

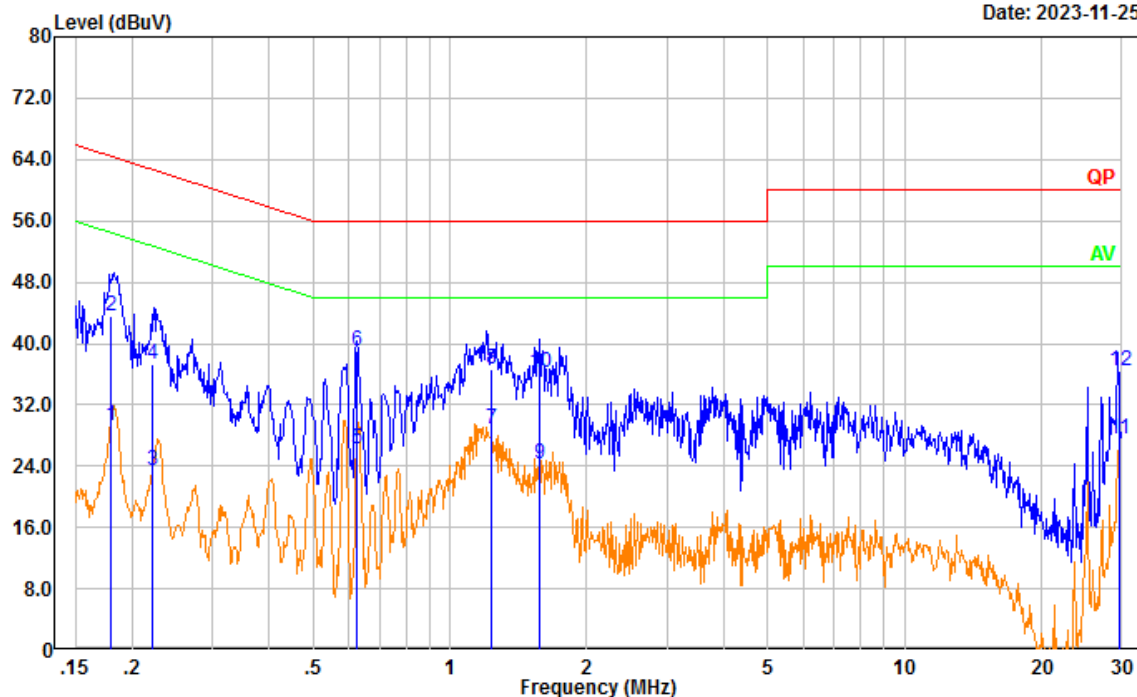
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(230)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	19.70	9.61	29.31	54.49	25.18	Average
2	0.180	34.07	9.61	43.68	64.49	20.81	QP
3	0.222	13.70	9.61	23.31	52.73	29.42	Average
4	0.222	27.58	9.61	37.19	62.73	25.54	QP
5	0.624	16.63	9.62	26.25	46.00	19.75	Average
6	0.624	29.35	9.62	38.97	56.00	17.03	QP
7	1.229	19.30	9.62	28.92	46.00	17.08	Average
8	1.229	27.04	9.62	36.66	56.00	19.34	QP
9	1.578	14.63	9.63	24.26	46.00	21.74	Average
10	1.578	26.64	9.63	36.27	56.00	19.73	QP
11	29.618	17.78	9.82	27.60	50.00	22.40	Average
12	29.618	26.51	9.82	36.33	60.00	23.67	QP

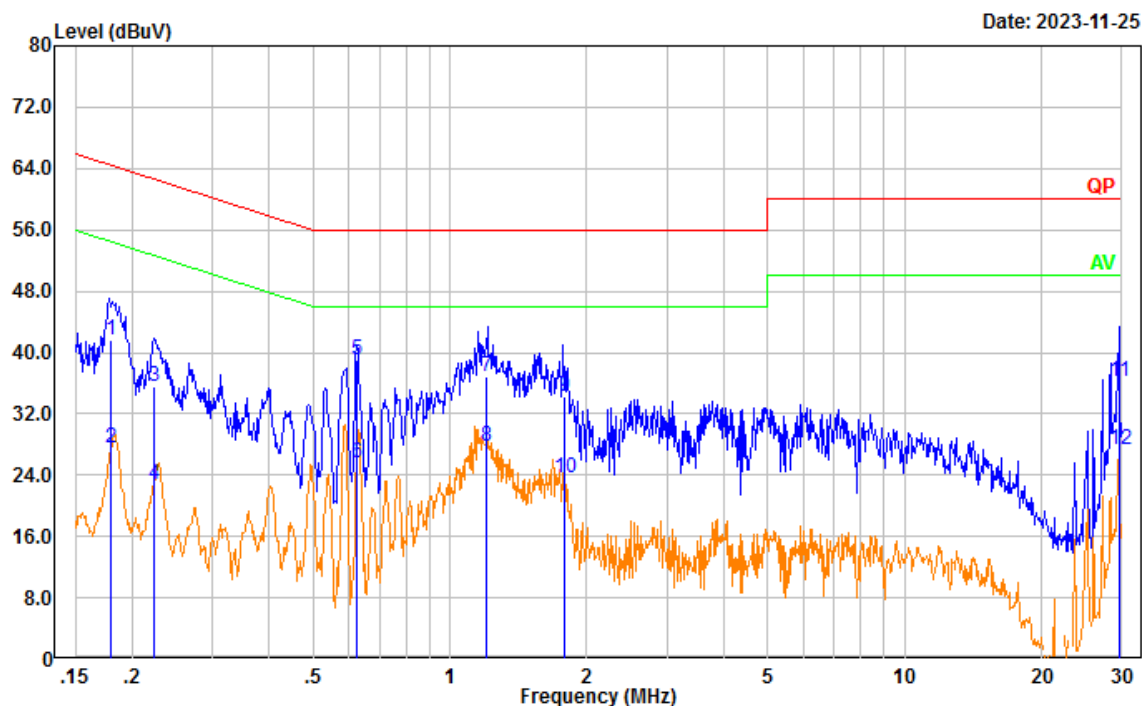
Test Mode: M2 (RX 259.9875MHz)

Project No.: CR231165353-RF

Tester: David Huang

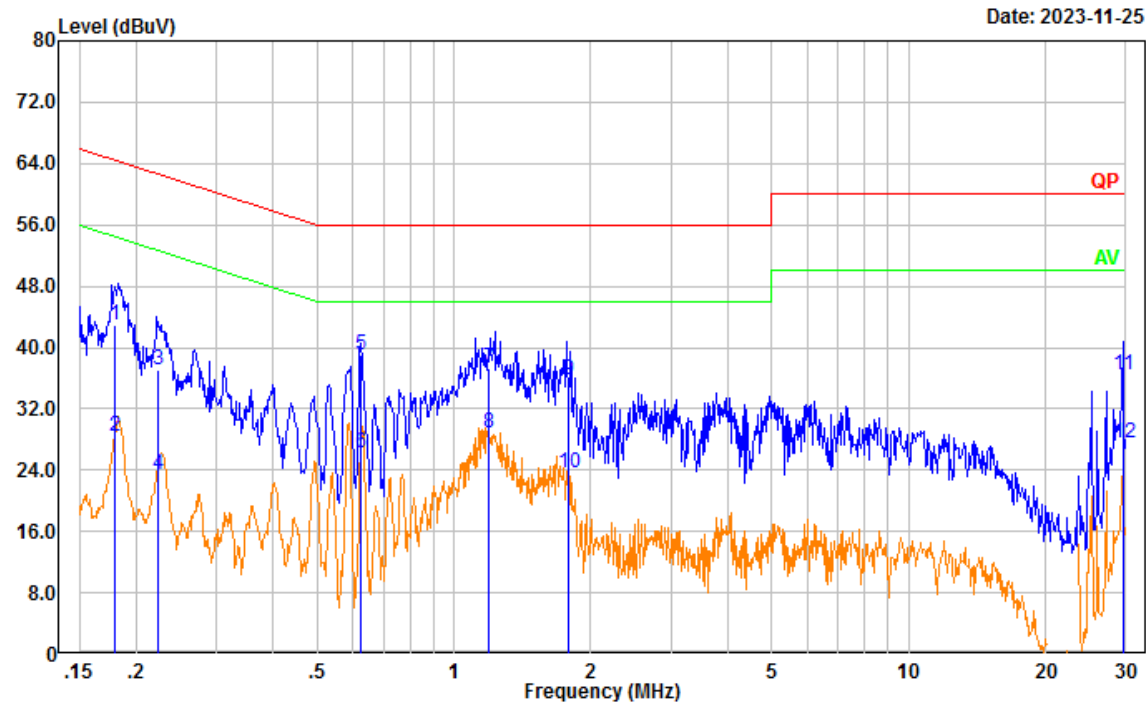
Port: Line

Note: M2 Charging&Receiving(259.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.07	9.61	41.68	64.47	22.79	QP
2	0.180	17.89	9.61	27.50	54.47	26.97	Average
3	0.224	26.04	9.61	35.65	62.68	27.03	QP
4	0.224	13.06	9.61	22.67	52.68	30.01	Average
5	0.624	29.50	9.62	39.12	56.00	16.88	QP
6	0.624	15.95	9.62	25.57	46.00	20.43	Average
7	1.201	27.23	9.62	36.85	56.00	19.15	QP
8	1.201	18.15	9.62	27.77	46.00	18.23	Average
9	1.781	24.59	9.63	34.22	56.00	21.78	QP
10	1.781	14.03	9.63	23.66	46.00	22.34	Average
11	29.610	26.35	9.82	36.17	60.00	23.83	QP
12	29.610	17.47	9.82	27.29	50.00	22.71	Average

Project No.: CR231165353-RF
Tester: David Huang
Port: neutral
Note: M2 Charging&Receiving(259.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	33.34	9.61	42.95	64.49	21.54	QP
2	0.180	18.82	9.61	28.43	54.49	26.06	Average
3	0.223	27.41	9.61	37.02	62.69	25.67	QP
4	0.223	13.87	9.61	23.48	52.69	29.21	Average
5	0.624	29.35	9.62	38.97	56.00	17.03	QP
6	0.624	16.70	9.62	26.32	46.00	19.68	Average
7	1.193	27.73	9.62	37.35	56.00	18.65	QP
8	1.193	19.28	9.62	28.90	46.00	17.10	Average
9	1.780	26.13	9.63	35.76	56.00	20.24	QP
10	1.780	13.90	9.63	23.53	46.00	22.47	Average
11	29.623	26.57	9.82	36.39	60.00	23.61	QP
12	29.623	17.64	9.82	27.46	50.00	22.54	Average

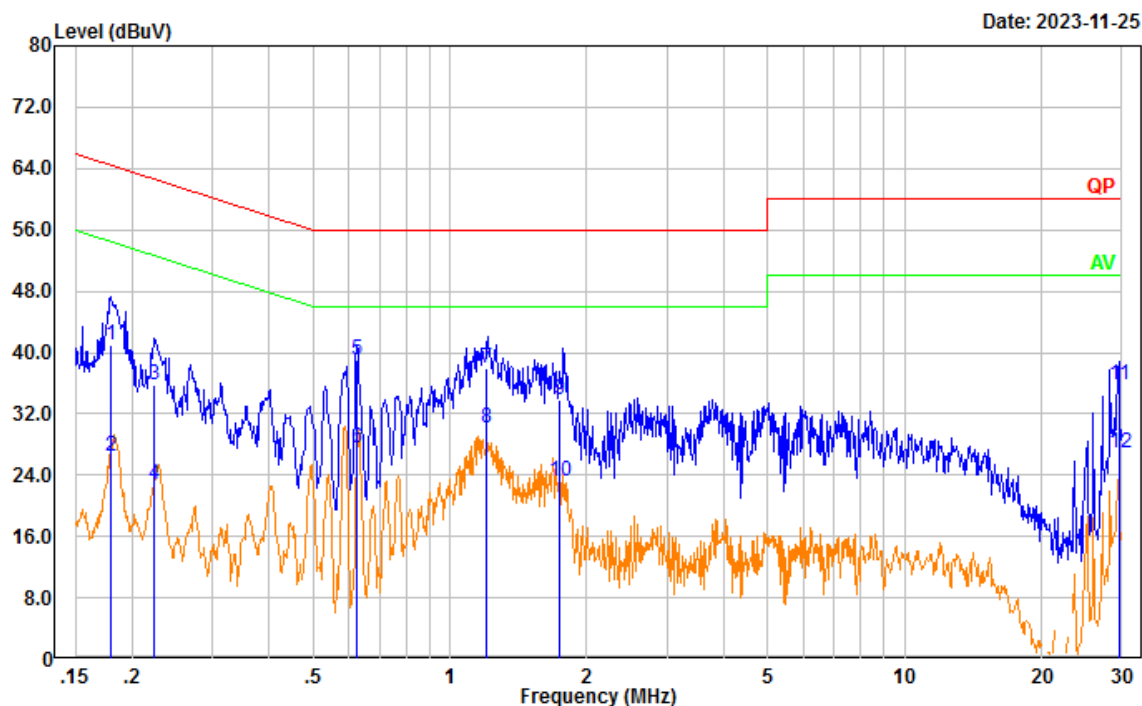
Test Mode: M2 (RX350.0125MHz)

Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(350.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	31.34	9.61	40.95	64.52	23.57	QP
2	0.179	16.84	9.61	26.45	54.52	28.07	Average
3	0.224	26.10	9.61	35.71	62.68	26.97	QP
4	0.224	13.14	9.61	22.75	52.68	29.93	Average
5	0.626	29.39	9.62	39.01	56.00	16.99	QP
6	0.626	18.01	9.62	27.63	46.00	18.37	Average
7	1.204	28.28	9.62	37.90	56.00	18.10	QP
8	1.204	20.42	9.62	30.04	46.00	15.96	Average
9	1.745	24.25	9.63	33.88	56.00	22.12	QP
10	1.745	13.54	9.63	23.17	46.00	22.83	Average
11	29.570	25.89	9.82	35.71	60.00	24.29	QP
12	29.570	17.05	9.82	26.87	50.00	23.13	Average

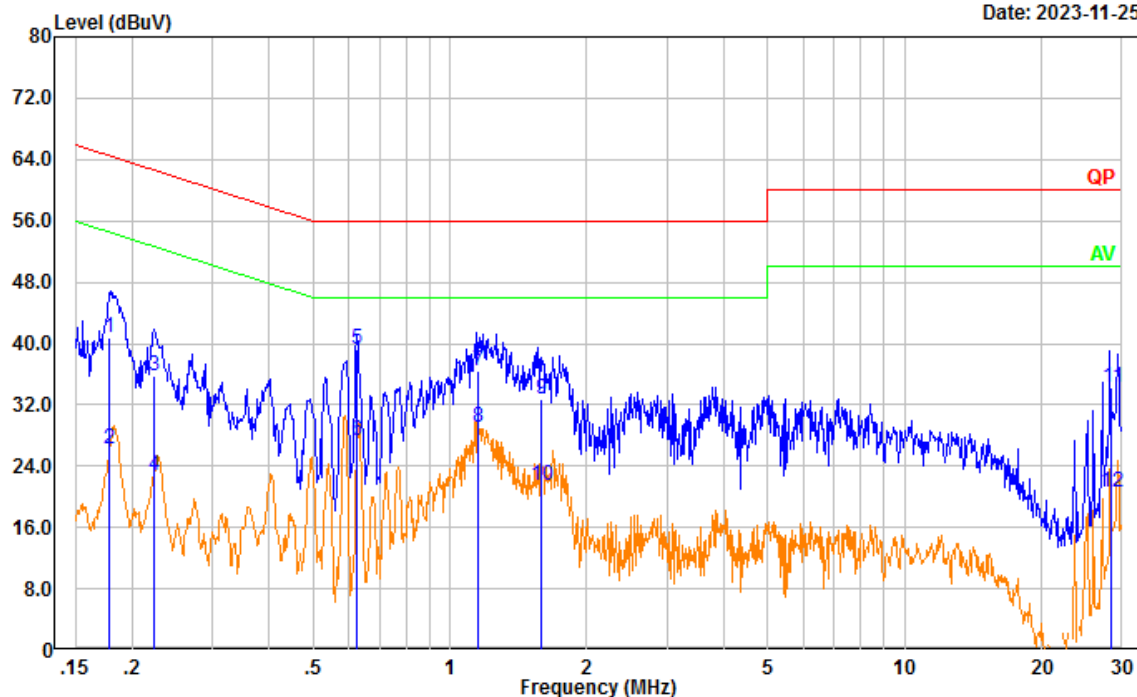
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(350.0125)

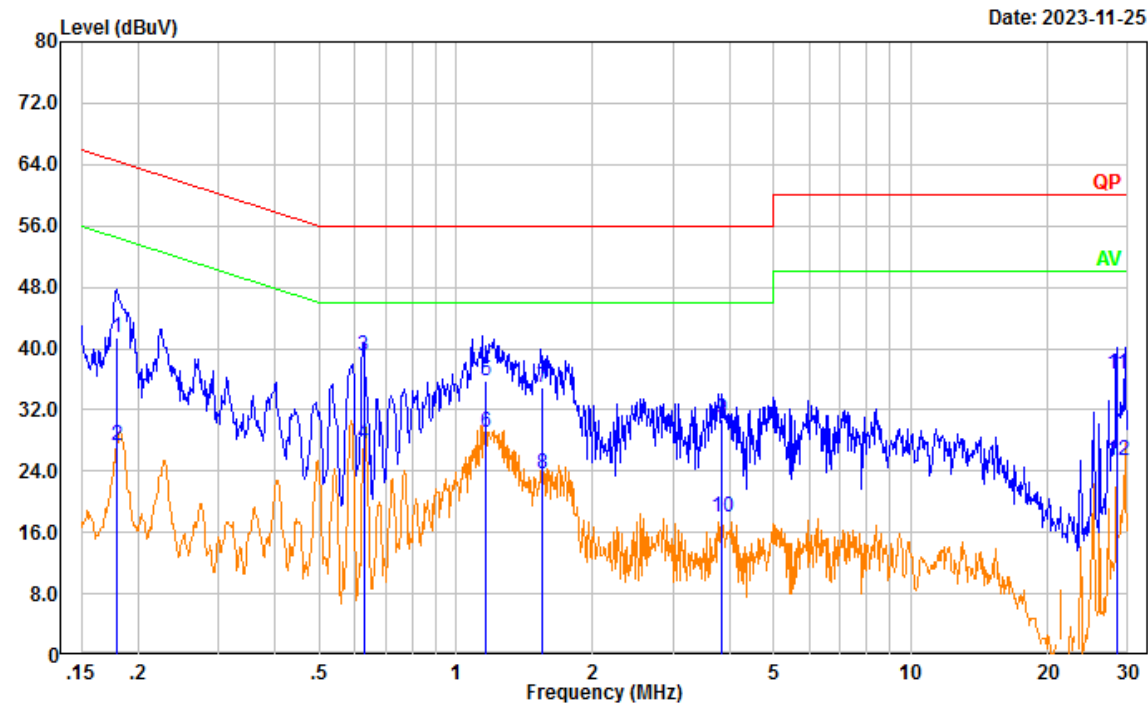
Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.179	31.05	9.61	40.66	64.54	23.88	QP
2	0.179	16.58	9.61	26.19	54.54	28.35	Average
3	0.224	26.11	9.61	35.72	62.68	26.96	QP
4	0.224	13.20	9.61	22.81	52.68	29.87	Average
5	0.626	29.52	9.62	39.14	56.00	16.86	QP
6	0.626	17.71	9.62	27.33	46.00	18.67	Average
7	1.156	26.83	9.62	36.45	56.00	19.55	QP
8	1.156	19.41	9.62	29.03	46.00	16.97	Average
9	1.582	23.01	9.63	32.64	56.00	23.36	QP
10	1.582	11.86	9.63	21.49	46.00	24.51	Average
11	28.499	24.35	9.81	34.16	60.00	25.84	QP
12	28.499	10.88	9.81	20.69	50.00	29.31	Average

Test Mode: M2 (RX370MHz)

Project No.: CR231165353-RF
Tester: David Huang
Port: Line
Note: M2 Charging&Receiving(370)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	31.89	9.61	41.50	64.50	23.00	QP
2	0.180	17.73	9.61	27.34	54.50	27.16	Average
3	0.627	29.50	9.62	39.12	56.00	16.88	QP
4	0.627	17.83	9.62	27.45	46.00	18.55	Average
5	1.165	26.25	9.62	35.87	56.00	20.13	QP
6	1.165	19.36	9.62	28.98	46.00	17.02	Average
7	1.554	25.32	9.63	34.95	56.00	21.05	QP
8	1.554	14.10	9.63	23.73	46.00	22.27	Average
9	3.839	21.10	9.65	30.75	56.00	25.25	QP
10	3.839	8.29	9.65	17.94	46.00	28.06	Average
11	28.411	26.77	9.83	36.60	60.00	23.40	QP
12	28.411	15.43	9.83	25.26	50.00	24.74	Average

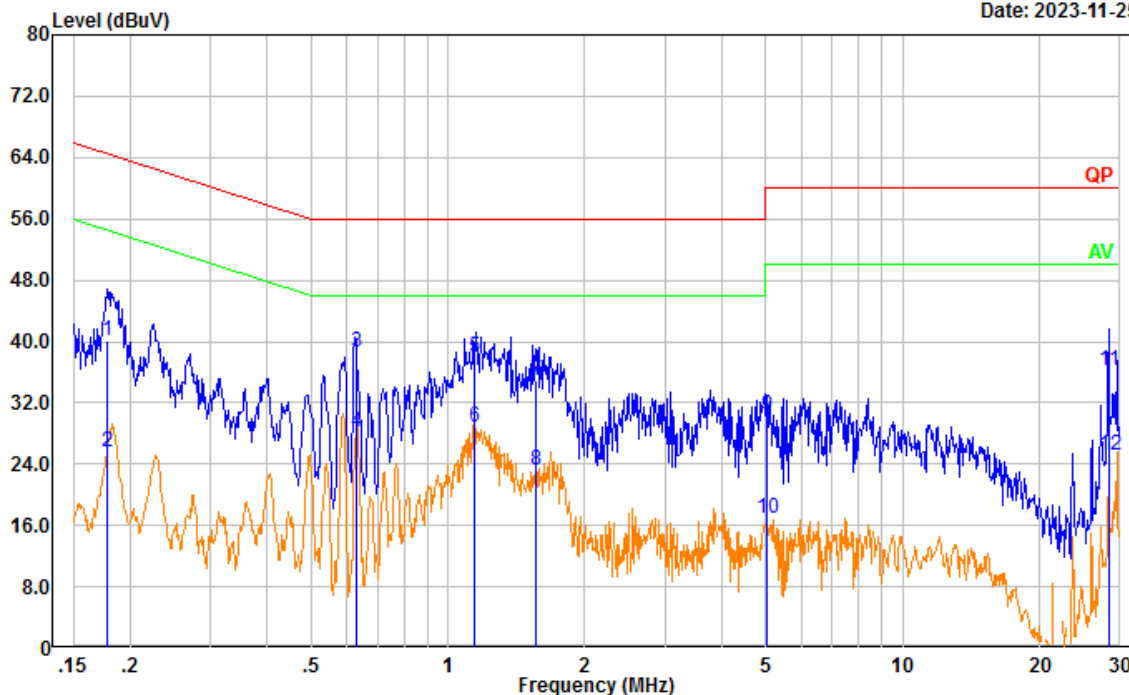
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(370)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.178	30.55	9.61	40.16	64.57	24.41	QP
2	0.178	15.97	9.61	25.58	54.57	28.99	Average
3	0.627	29.03	9.62	38.65	56.00	17.35	QP
4	0.627	18.57	9.62	28.19	46.00	17.81	Average
5	1.141	28.42	9.62	38.04	56.00	17.96	QP
6	1.141	19.28	9.62	28.90	46.00	17.10	Average
7	1.564	25.36	9.63	34.99	56.00	21.01	QP
8	1.564	13.61	9.63	23.24	46.00	22.76	Average
9	5.023	20.79	9.66	30.45	60.00	29.55	QP
10	5.023	7.19	9.66	16.85	50.00	33.15	Average
11	28.432	26.34	9.81	36.15	60.00	23.85	QP
12	28.432	15.23	9.81	25.04	50.00	24.96	Average

Test Mode: M2 (RX389.9875MHz)

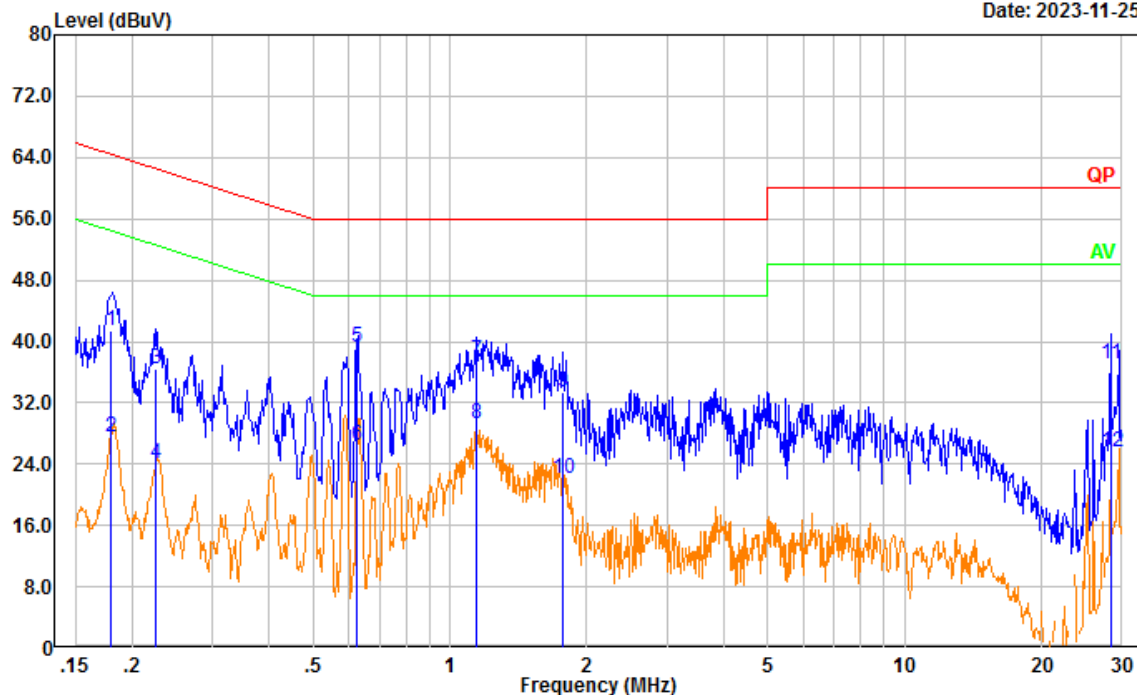
Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(389.9875)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	31.89	9.61	41.50	64.50	23.00	QP
2	0.180	17.88	9.61	27.49	54.50	27.01	Average
3	0.225	26.82	9.61	36.43	62.62	26.19	QP
4	0.225	14.49	9.61	24.10	52.62	28.52	Average
5	0.626	29.58	9.62	39.20	56.00	16.80	QP
6	0.626	16.85	9.62	26.47	46.00	19.53	Average
7	1.141	27.97	9.62	37.59	56.00	18.41	QP
8	1.141	19.63	9.62	29.25	46.00	16.75	Average
9	1.769	23.71	9.63	33.34	56.00	22.66	QP
10	1.769	12.54	9.63	22.17	46.00	23.83	Average
11	28.394	27.14	9.83	36.97	60.00	23.03	QP
12	28.394	15.68	9.83	25.51	50.00	24.49	Average

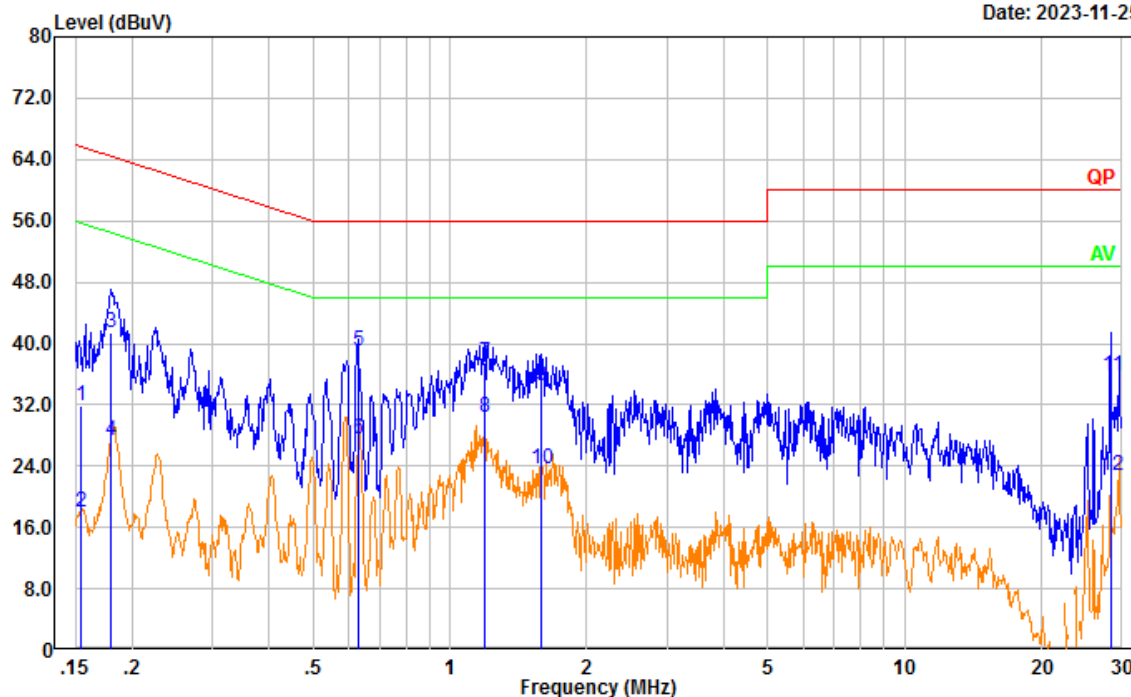
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(389.9875)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.154	22.34	9.61	31.95	65.78	33.83	QP
2	0.154	8.29	9.61	17.90	55.78	37.88	Average
3	0.179	31.89	9.61	41.50	64.52	23.02	QP
4	0.179	17.74	9.61	27.35	54.52	27.17	Average
5	0.628	29.46	9.62	39.08	56.00	16.92	QP
6	0.628	17.89	9.62	27.51	46.00	18.49	Average
7	1.189	27.92	9.62	37.54	56.00	18.46	QP
8	1.189	20.79	9.62	30.41	46.00	15.59	Average
9	1.589	24.85	9.63	34.48	56.00	21.52	QP
10	1.589	13.99	9.63	23.62	46.00	22.38	Average
11	28.478	25.87	9.81	35.68	60.00	24.32	QP
12	28.478	12.92	9.81	22.73	50.00	27.27	Average

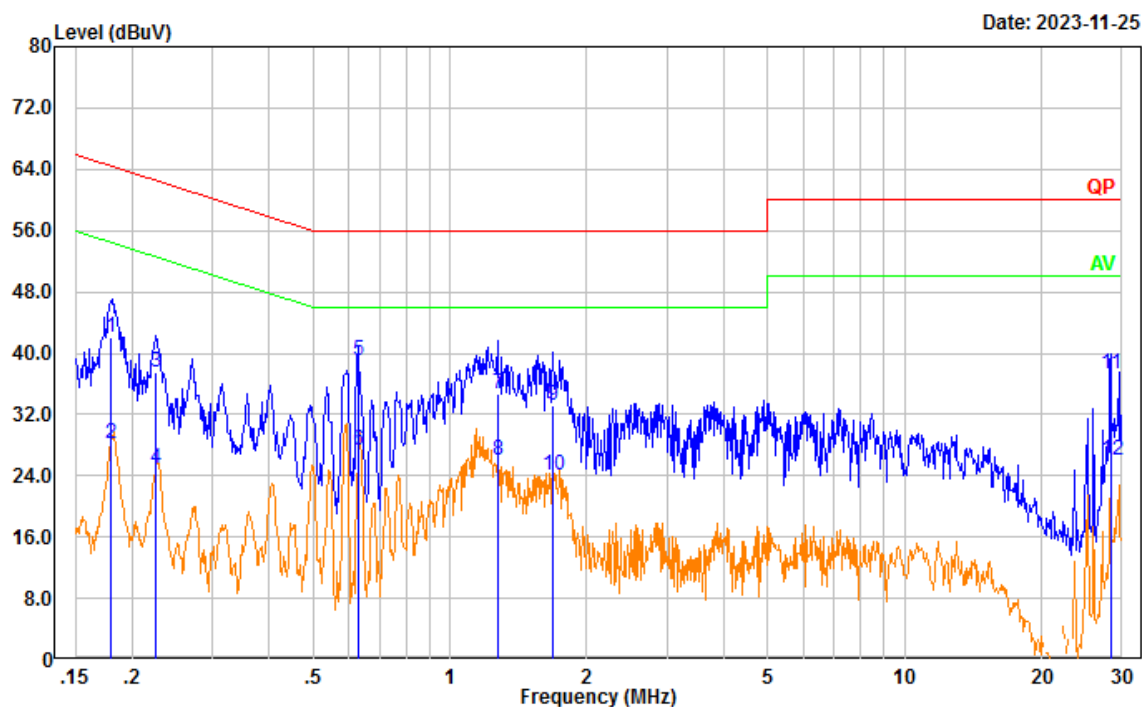
Test Mode: M2 (RX400.0125MHz)

Project No.: CR231165353-RF

Tester: David Huang

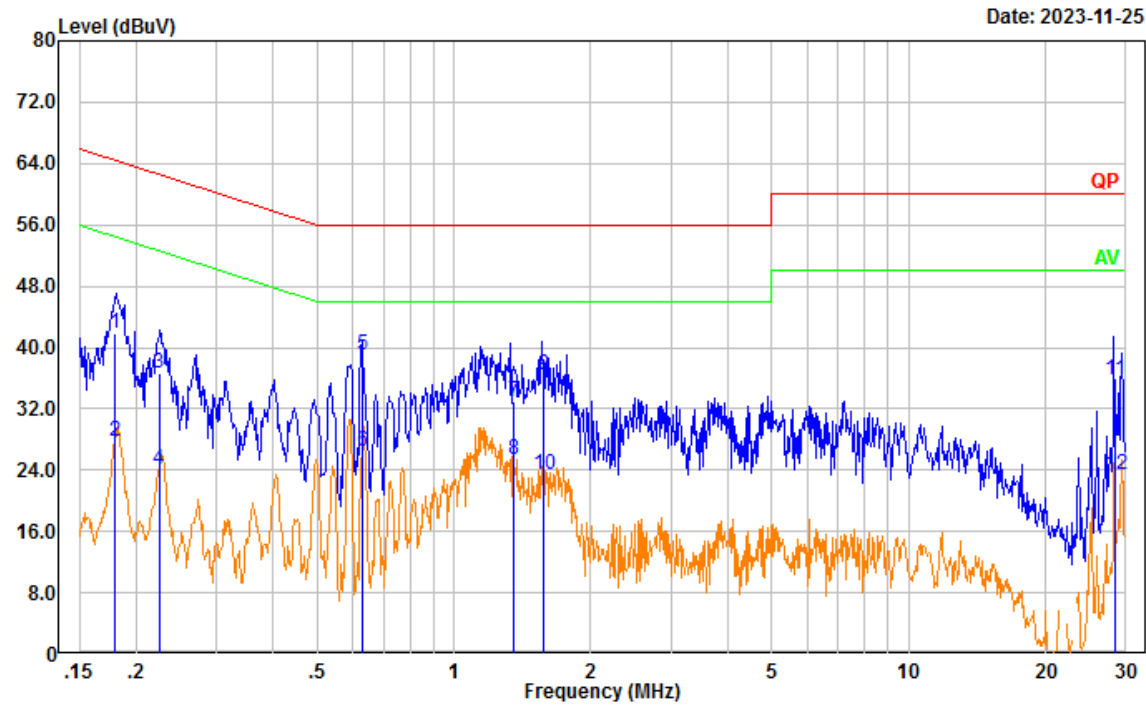
Port: Line

Note: M2 Charging&Receiving(400.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.48	9.61	42.09	64.50	22.41	QP
2	0.180	18.56	9.61	28.17	54.50	26.33	Average
3	0.225	27.83	9.61	37.44	62.63	25.19	QP
4	0.225	15.24	9.61	24.85	52.63	27.78	Average
5	0.628	29.42	9.62	39.04	56.00	16.96	QP
6	0.628	17.63	9.62	27.25	46.00	18.75	Average
7	1.276	25.03	9.62	34.65	56.00	21.35	QP
8	1.276	16.34	9.62	25.96	46.00	20.04	Average
9	1.686	23.52	9.63	33.15	56.00	22.85	QP
10	1.686	14.40	9.63	24.03	46.00	21.97	Average
11	28.420	27.51	9.83	37.34	60.00	22.66	QP
12	28.420	16.15	9.83	25.98	50.00	24.02	Average

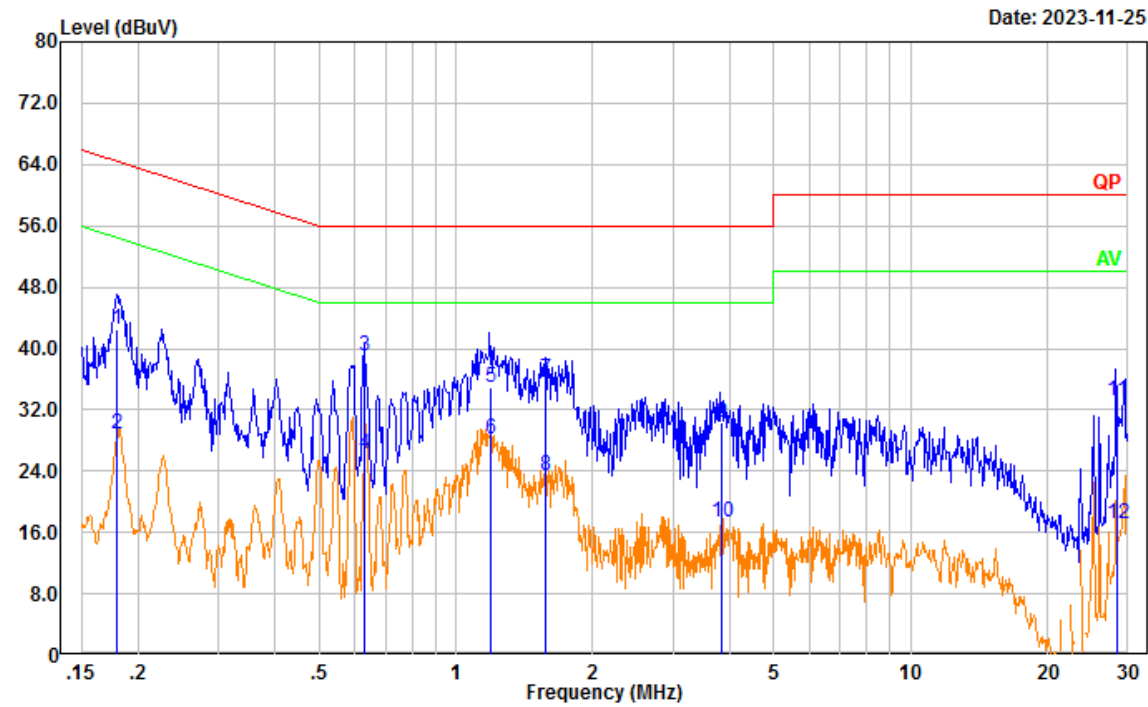
Project No.: CR231165353-RF
Tester: David Huang
Port: neutral
Note: M2 Charging&Receiving(400.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.15	9.61	41.76	64.50	22.74	QP
2	0.180	18.19	9.61	27.80	54.50	26.70	Average
3	0.224	27.13	9.61	36.74	62.65	25.91	QP
4	0.224	14.40	9.61	24.01	52.65	28.64	Average
5	0.627	29.51	9.62	39.13	56.00	16.87	QP
6	0.627	16.81	9.62	26.43	46.00	19.57	Average
7	1.349	23.42	9.62	33.04	56.00	22.96	QP
8	1.349	15.82	9.62	25.44	46.00	20.56	Average
9	1.577	26.69	9.63	36.32	56.00	19.68	QP
10	1.577	13.87	9.63	23.50	46.00	22.50	Average
11	28.456	25.96	9.81	35.77	60.00	24.23	QP
12	28.456	13.55	9.81	23.36	50.00	26.64	Average

Test Mode: M2 (RX 460MHz)

Project No.: CR231165353-RF
Tester: David Huang
Port: Line
Note: M2 Charging&Receiving(460)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.82	9.61	42.43	64.48	22.05	QP
2	0.180	19.15	9.61	28.76	54.48	25.72	Average
3	0.628	29.41	9.62	39.03	56.00	16.97	QP
4	0.628	16.69	9.62	26.31	46.00	19.69	Average
5	1.193	25.19	9.62	34.81	56.00	21.19	QP
6	1.193	18.63	9.62	28.25	46.00	17.75	Average
7	1.577	26.42	9.63	36.05	56.00	19.95	QP
8	1.577	13.73	9.63	23.36	46.00	22.64	Average
9	3.849	20.75	9.65	30.40	56.00	25.60	QP
10	3.849	7.78	9.65	17.43	46.00	28.57	Average
11	28.368	23.30	9.83	33.13	60.00	26.87	QP
12	28.368	7.24	9.83	17.07	50.00	32.93	Average

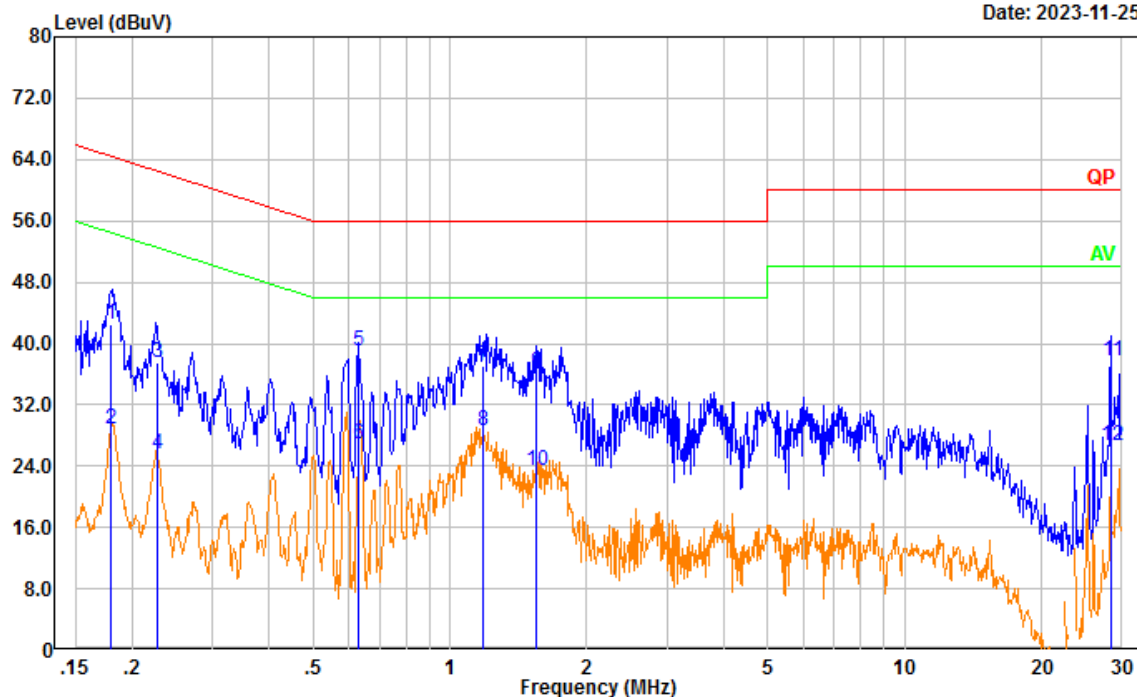
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(460)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.88	9.61	42.49	64.48	21.99	QP
2	0.180	19.31	9.61	28.92	54.48	25.56	Average
3	0.227	27.96	9.61	37.57	62.57	25.00	QP
4	0.227	16.08	9.61	25.69	52.57	26.88	Average
5	0.629	29.37	9.62	38.99	56.00	17.01	QP
6	0.629	17.23	9.62	26.85	46.00	19.15	Average
7	1.181	27.40	9.62	37.02	56.00	18.98	QP
8	1.181	18.97	9.62	28.59	46.00	17.41	Average
9	1.554	26.50	9.63	36.13	56.00	19.87	QP
10	1.554	13.82	9.63	23.45	46.00	22.55	Average
11	28.479	27.95	9.81	37.76	60.00	22.24	QP
12	28.479	16.79	9.81	26.60	50.00	23.40	Average

Test Mode: M2 (RX 519.9875MHz)

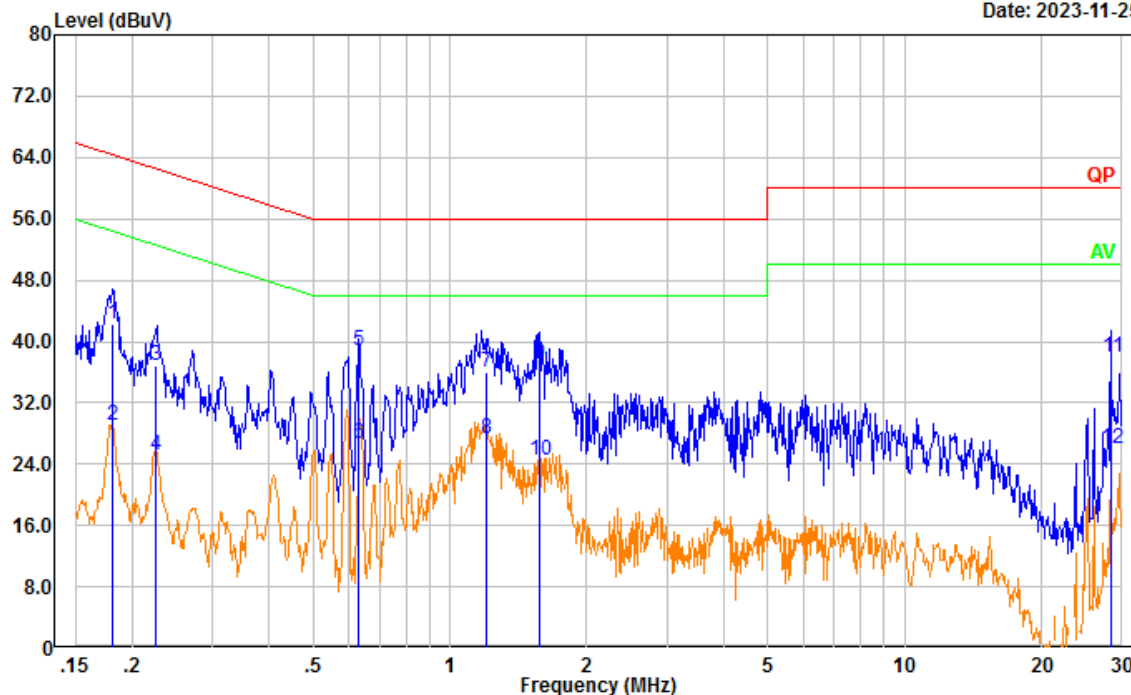
Project No.: CR231165353-RF

Tester: David Huang

Port: Line

Note: M2 Charging&Receiving(519.9875)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.181	32.64	9.61	42.25	64.44	22.19	QP
2	0.181	19.37	9.61	28.98	54.44	25.46	Average
3	0.226	27.25	9.61	36.86	62.59	25.73	QP
4	0.226	15.64	9.61	25.25	52.59	27.34	Average
5	0.630	29.23	9.62	38.85	56.00	17.15	QP
6	0.630	17.06	9.62	26.68	46.00	19.32	Average
7	1.204	26.30	9.62	35.92	56.00	20.08	QP
8	1.204	17.74	9.62	27.36	46.00	18.64	Average
9	1.578	27.43	9.63	37.06	56.00	18.94	QP
10	1.578	14.78	9.63	24.41	46.00	21.59	Average
11	28.490	28.03	9.83	37.86	60.00	22.14	QP
12	28.490	16.15	9.83	25.98	50.00	24.02	Average

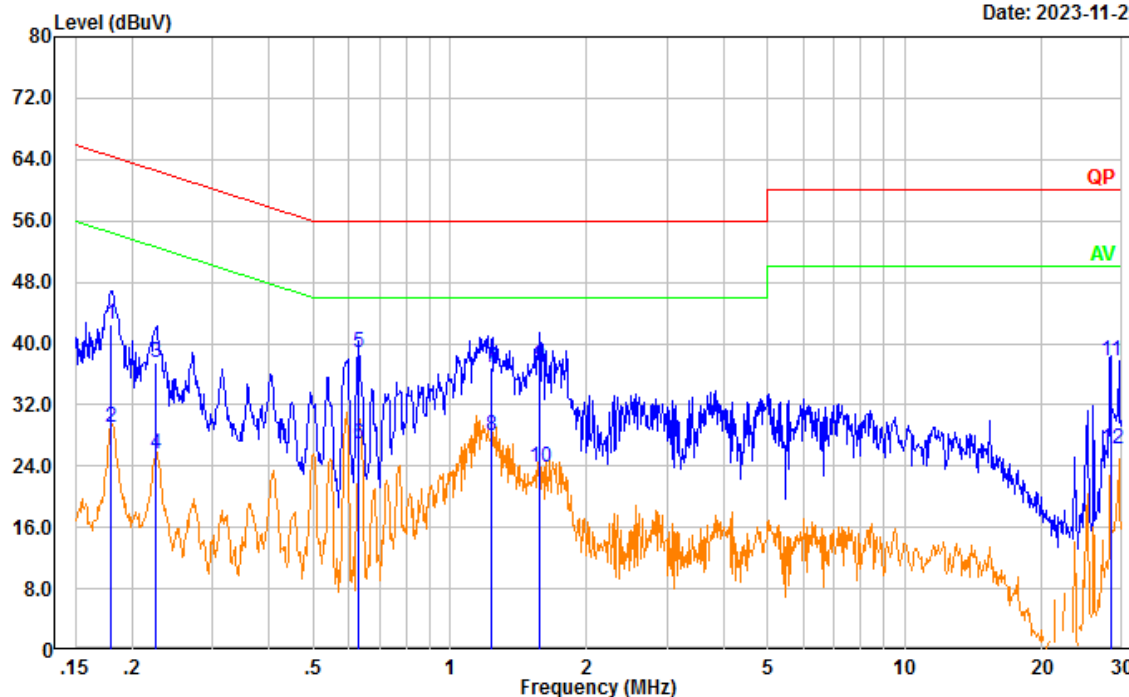
Project No.: CR231165353-RF

Tester: David Huang

Port: neutral

Note: M2 Charging&Receiving(519.9875)

Date: 2023-11-25



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.180	32.83	9.61	42.44	64.49	22.05	QP
2	0.180	19.45	9.61	29.06	54.49	25.43	Average
3	0.226	27.86	9.61	37.47	62.61	25.14	QP
4	0.226	16.04	9.61	25.65	52.61	26.96	Average
5	0.630	29.23	9.62	38.85	56.00	17.15	QP
6	0.630	17.34	9.62	26.96	46.00	19.04	Average
7	1.230	27.16	9.62	36.78	56.00	19.22	QP
8	1.230	18.35	9.62	27.97	46.00	18.03	Average
9	1.578	27.46	9.63	37.09	56.00	18.91	QP
10	1.578	14.30	9.63	23.93	46.00	22.07	Average
11	28.452	27.96	9.81	37.77	60.00	22.23	QP
12	28.452	16.43	9.81	26.24	50.00	23.76	Average

4.2 Radiation Spurious Emissions

Serial Number:	2D9A-1	Test Date:	2023/12/13~2024/1/12
Test Site:	966-1/966-2	Test Mode:	M1-M2
Tester:	Carl Xue, Tao Zhu	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	22.6~26	Relative Humidity: (%)	42~58	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2023/12/1	2026/11/30
R&S	EMI Test Receiver	ESR3	102724	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
Audix	Test Software	E3	201021 (V9)	N/A	N/A
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2026/2/21
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2023/11/8	2024/11/7

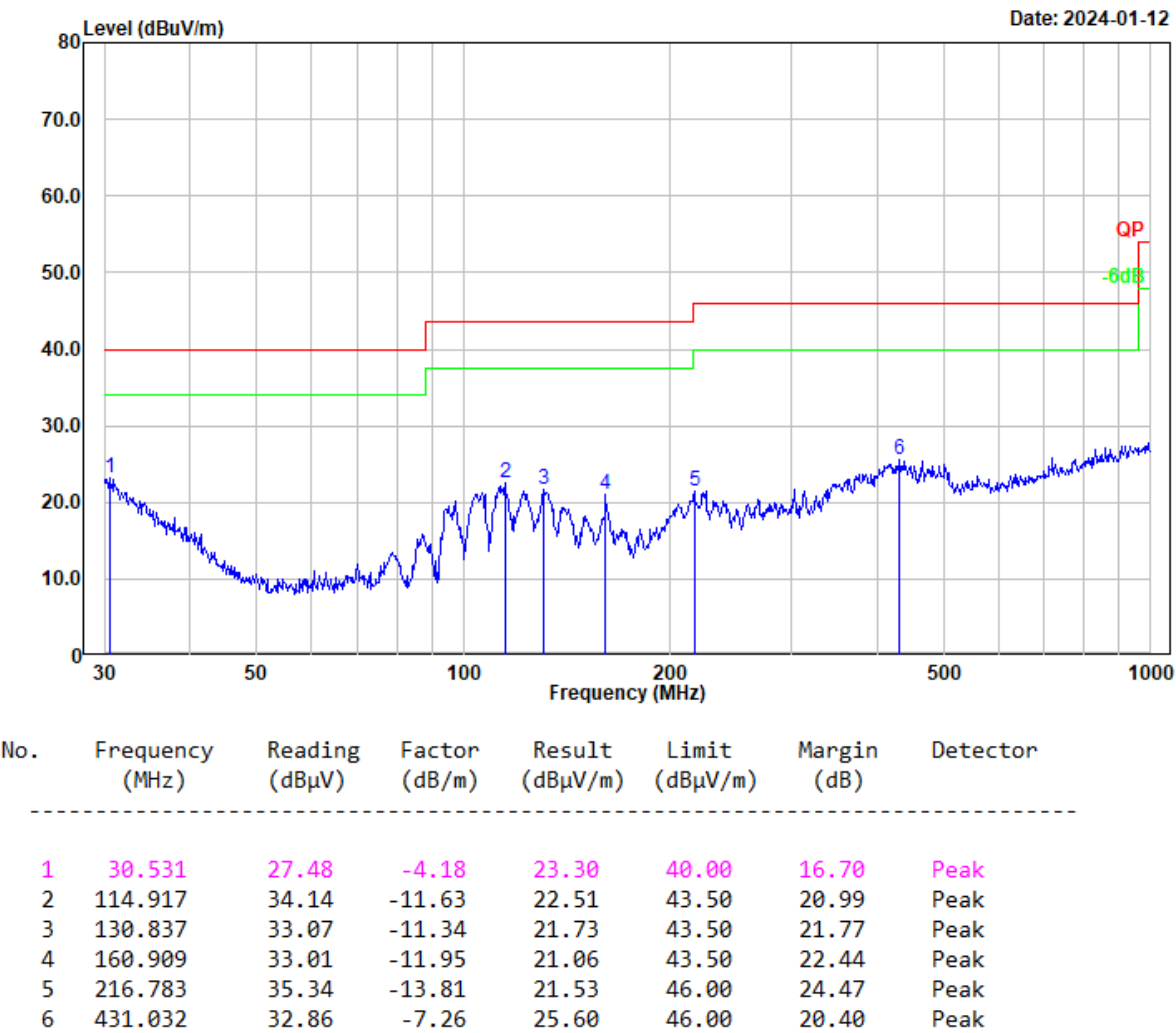
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

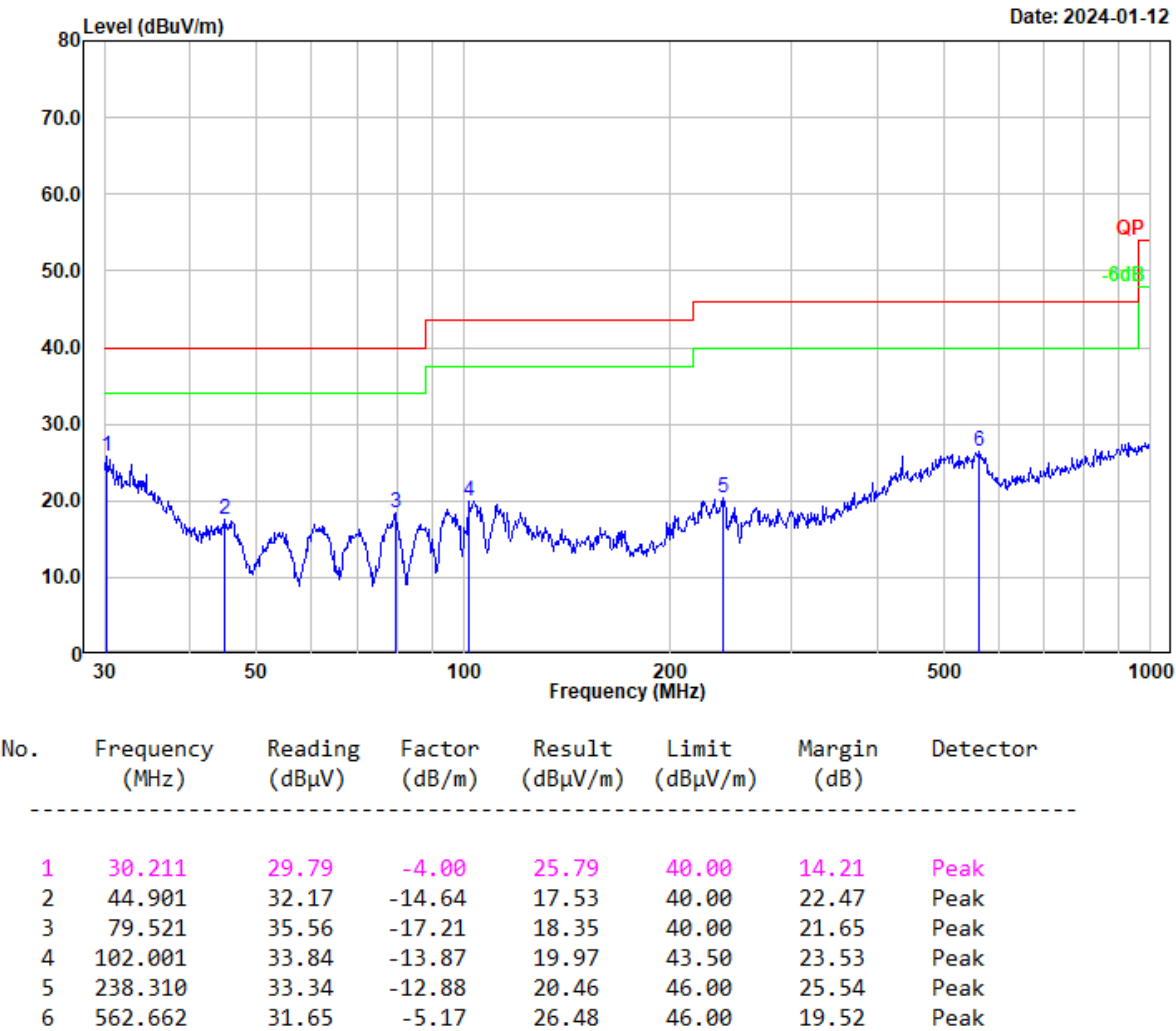
After pre-scan M1(136-174MHz) in the X, Y and Z axes of orientation, the worst case is Y axis:

1) 30MHz-1GHz:
Test Mode: M1(136-174MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging& Scanning(136-174)

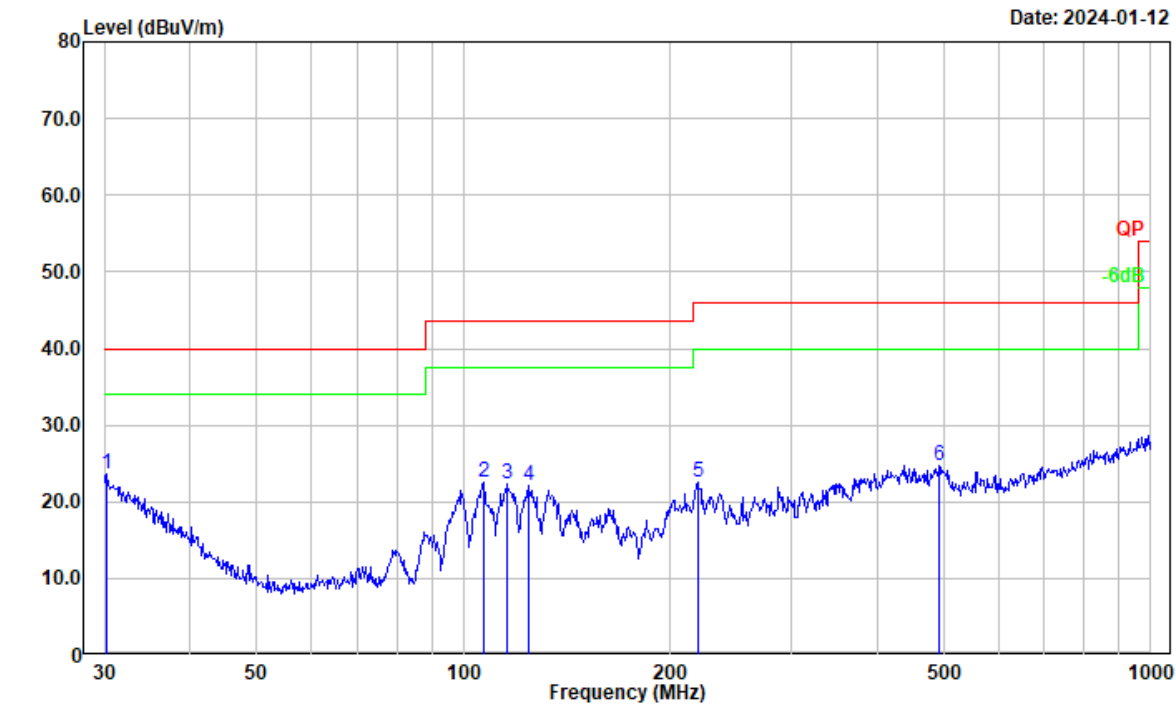


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging& Scanning(136-174)



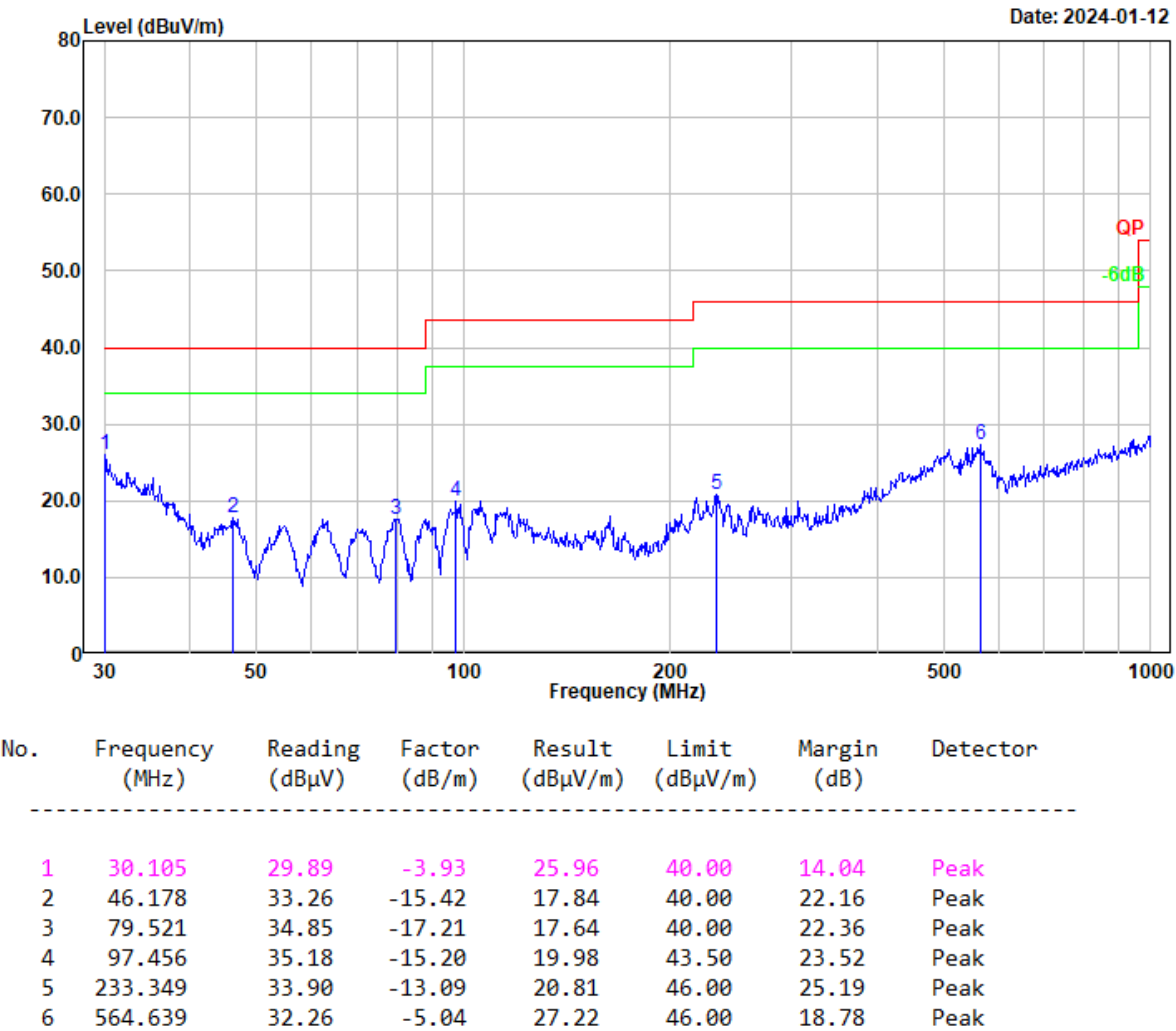
Test Mode: M1(200-260MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging& Scanning(200-260)



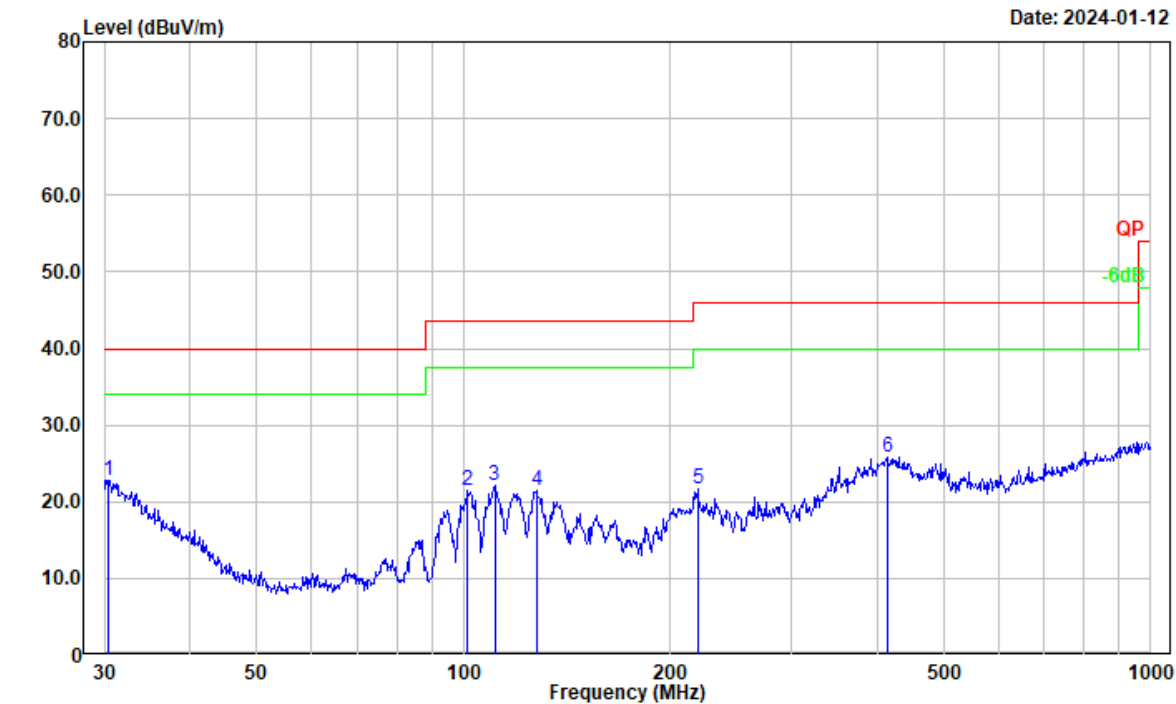
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.317	27.71	-4.06	23.65	40.00	16.35	Peak
2	106.759	35.46	-12.81	22.65	43.50	20.85	Peak
3	115.726	33.80	-11.55	22.25	43.50	21.25	Peak
4	124.133	32.93	-10.90	22.03	43.50	21.47	Peak
5	219.075	36.15	-13.70	22.45	46.00	23.55	Peak
6	492.469	30.56	-5.90	24.66	46.00	21.34	Peak

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging& Scanning(200-260)



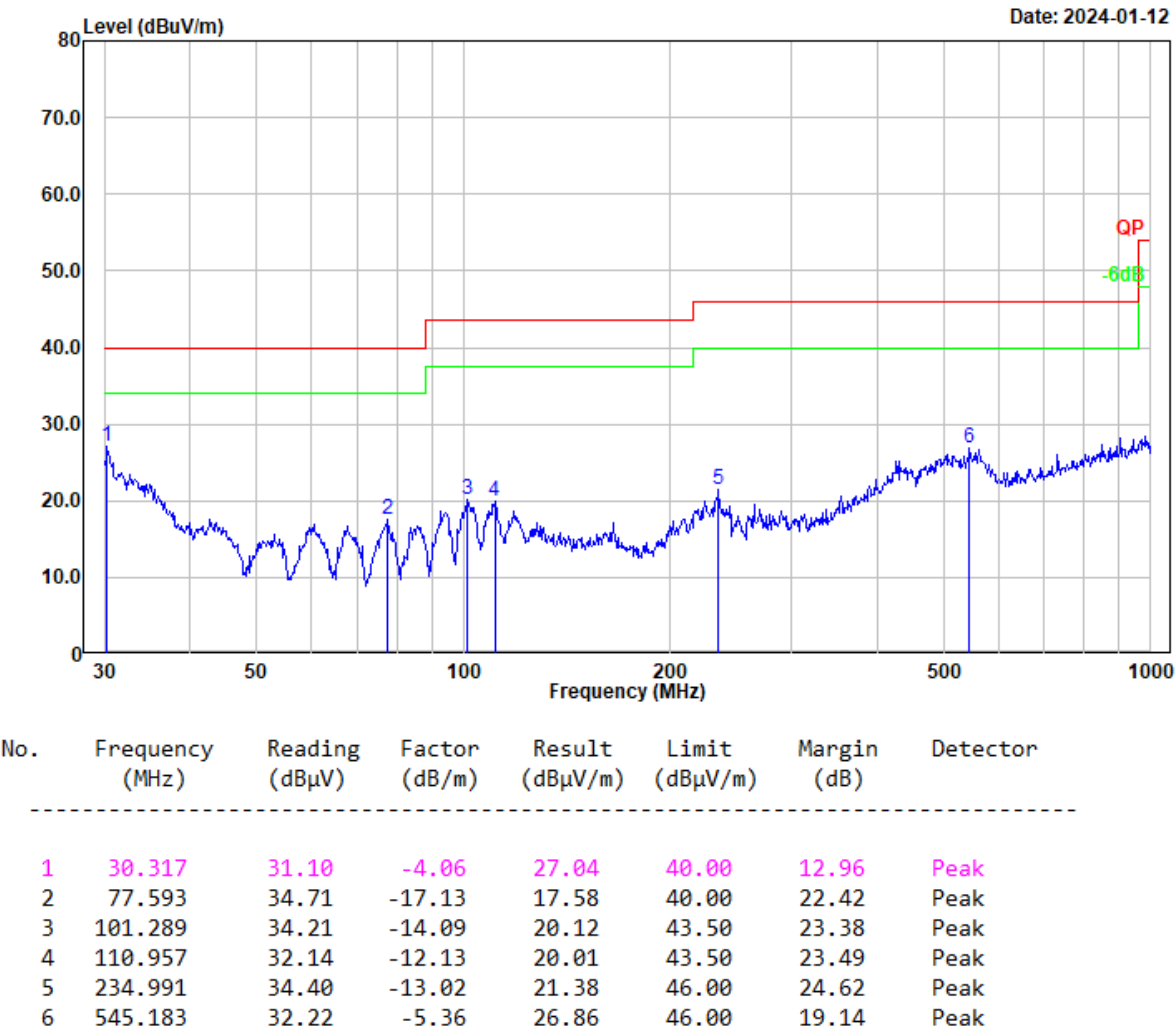
Test Mode: M1(350-390MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging& Scanning(350-390)



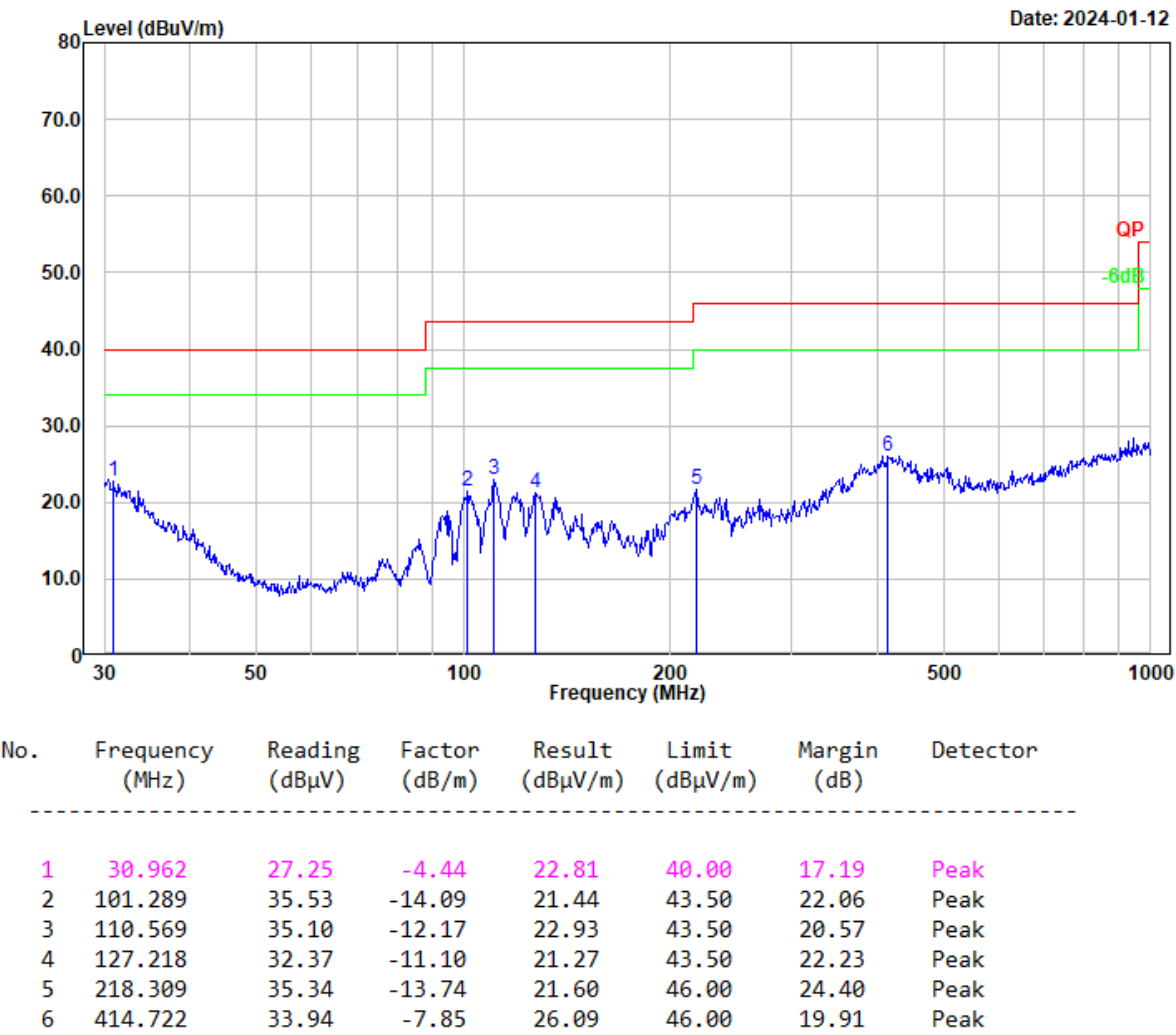
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.424	26.99	-4.12	22.87	40.00	17.13	Peak
2	101.289	35.52	-14.09	21.43	43.50	22.07	Peak
3	110.957	34.19	-12.13	22.06	43.50	21.44	Peak
4	127.665	32.55	-11.15	21.40	43.50	22.10	Peak
5	219.075	35.31	-13.70	21.61	46.00	24.39	Peak
6	413.271	33.67	-7.87	25.80	46.00	20.20	Peak

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging& Scanning(350-390)

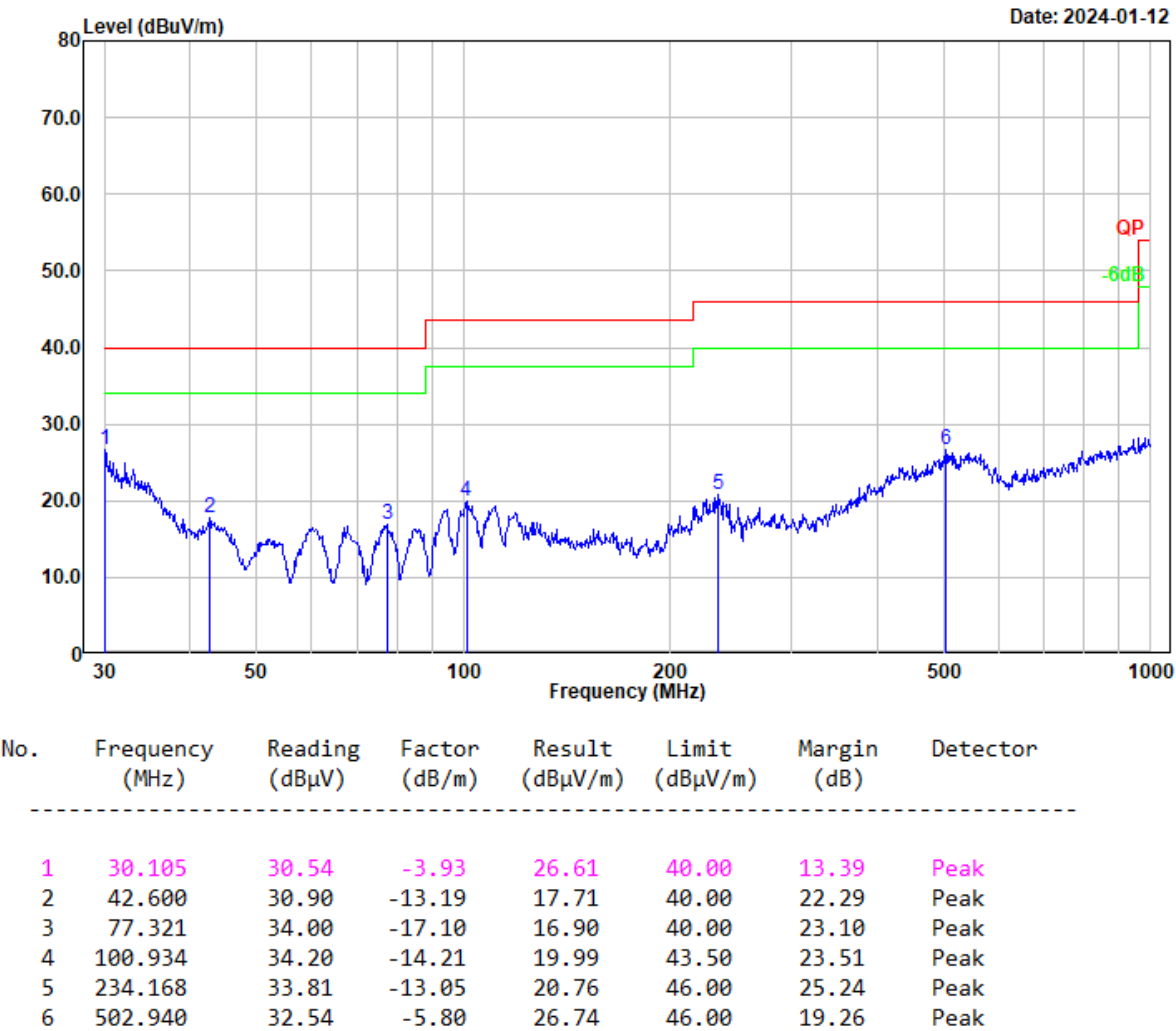


Test Mode: M1(400-520MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging& Scanning(400-520)

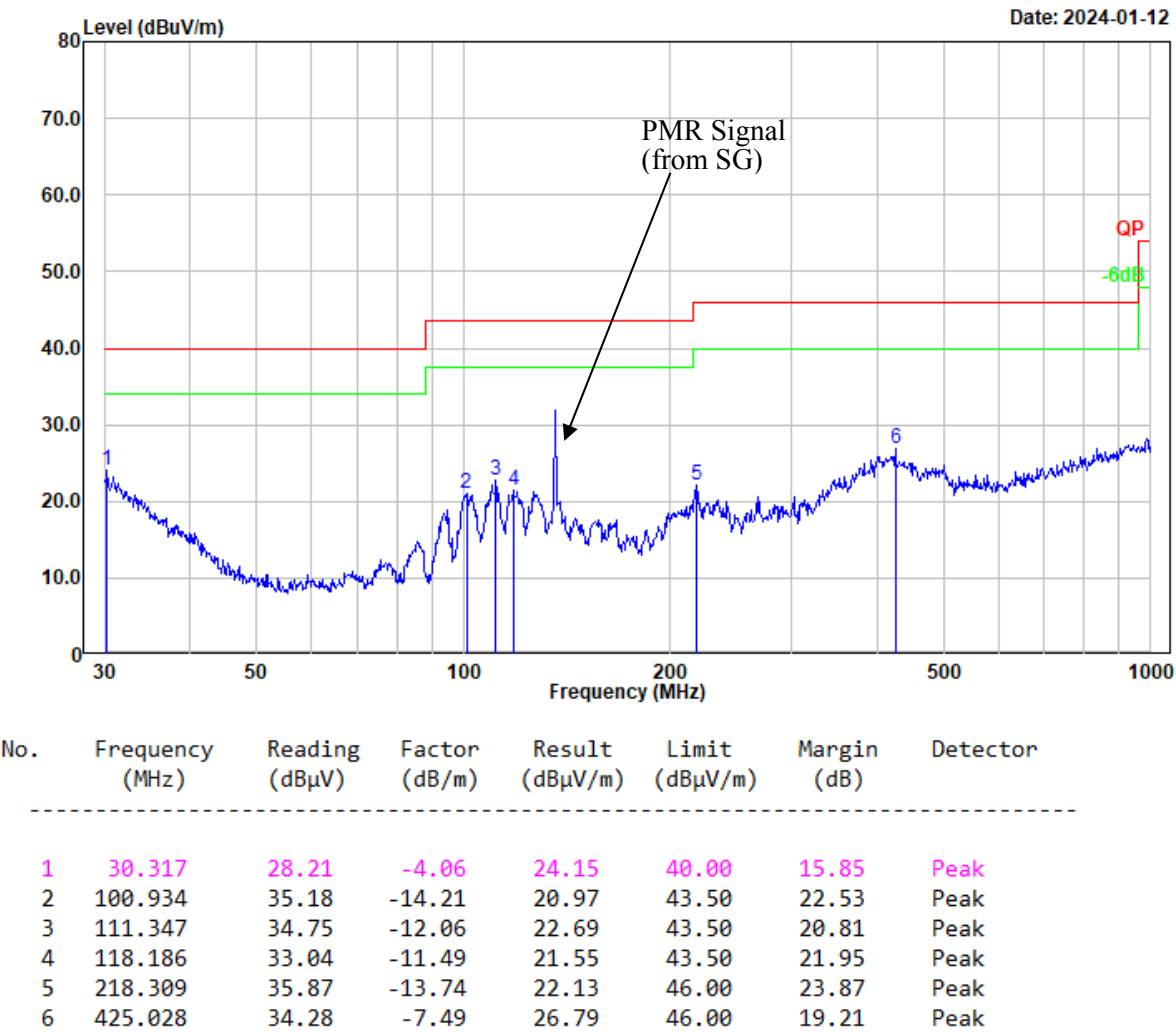


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging& Scanning(400-520)

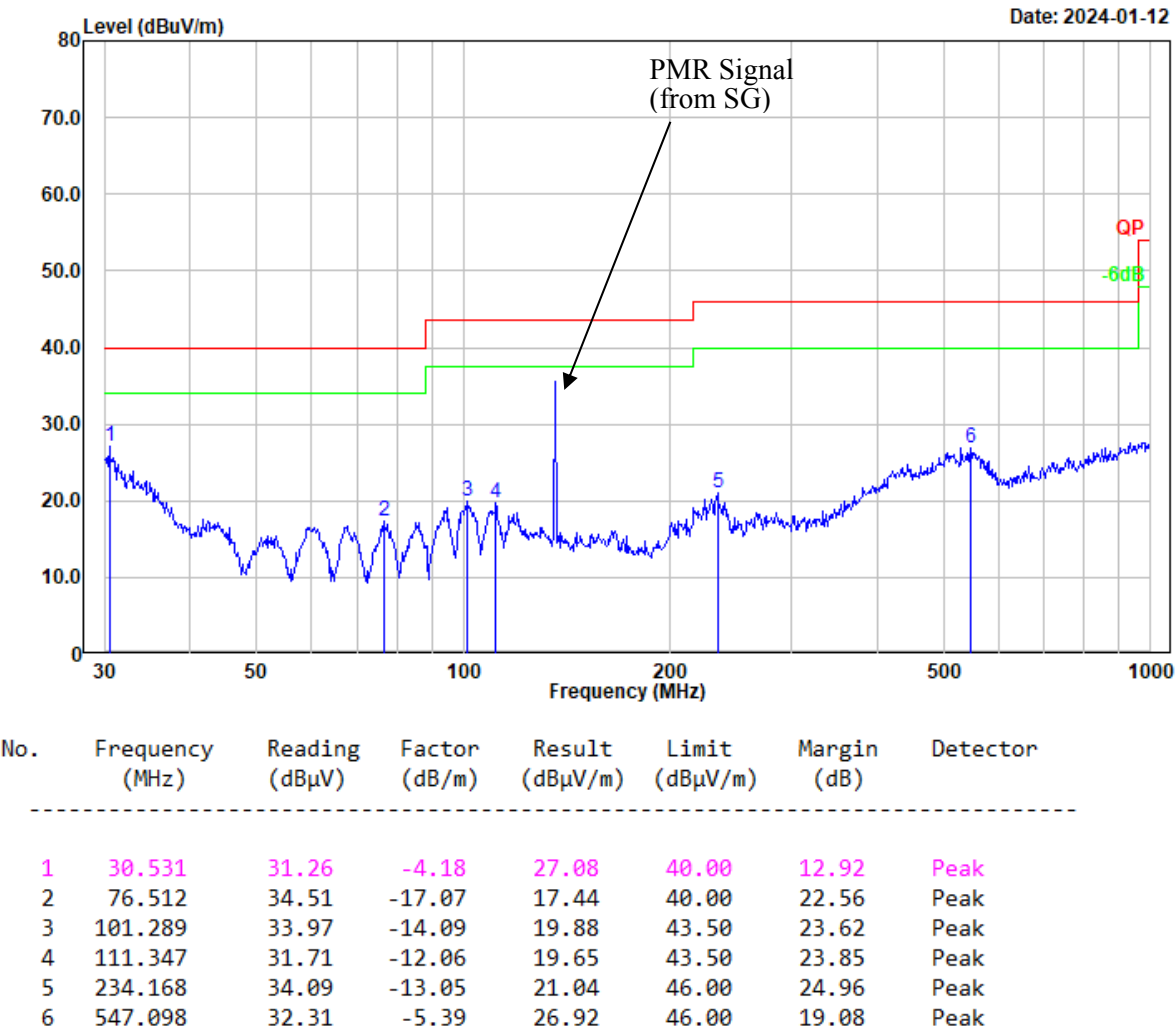


Test Mode: M2 (RX 136.0125MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(136.0125)

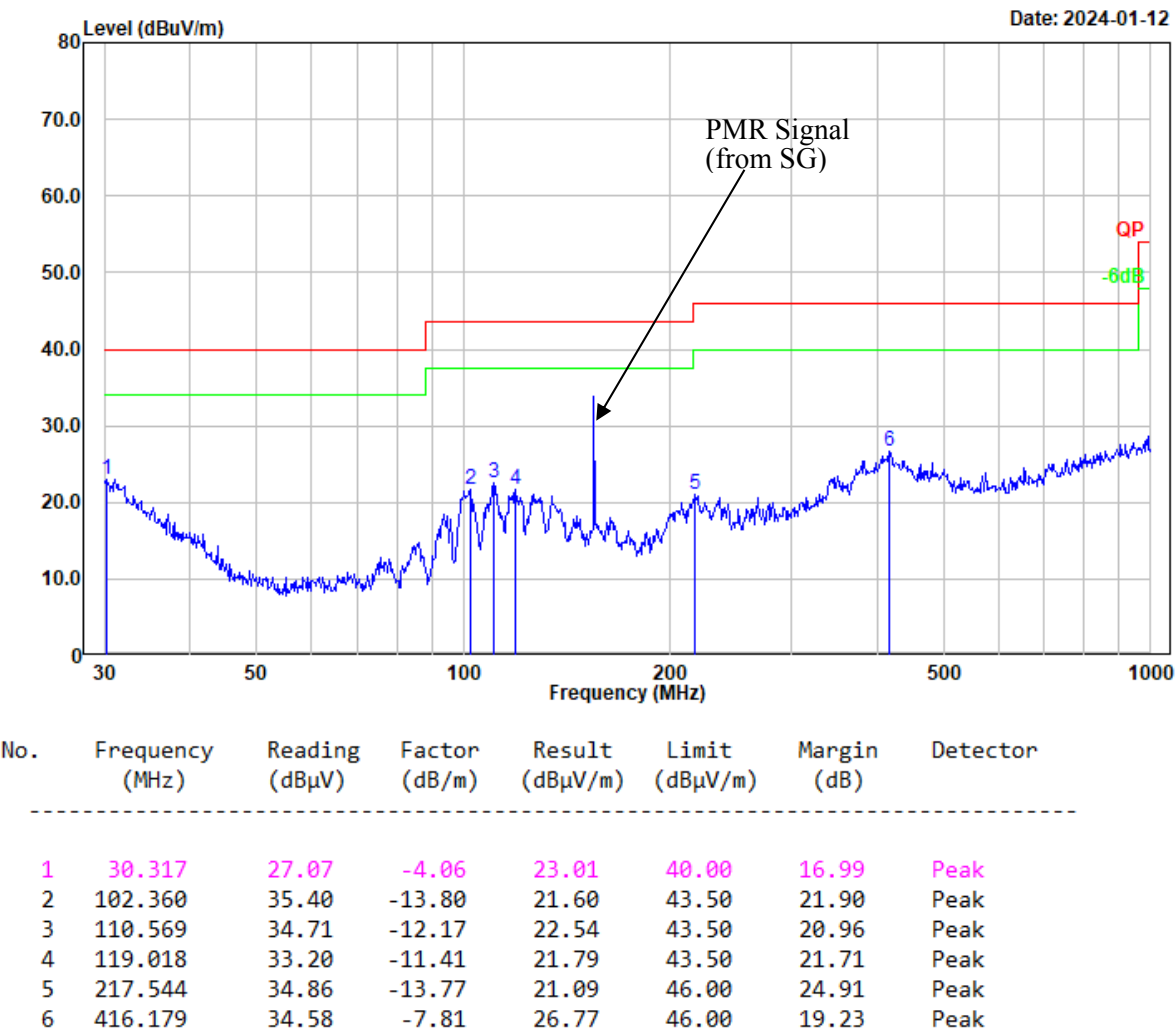


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(136.0125)

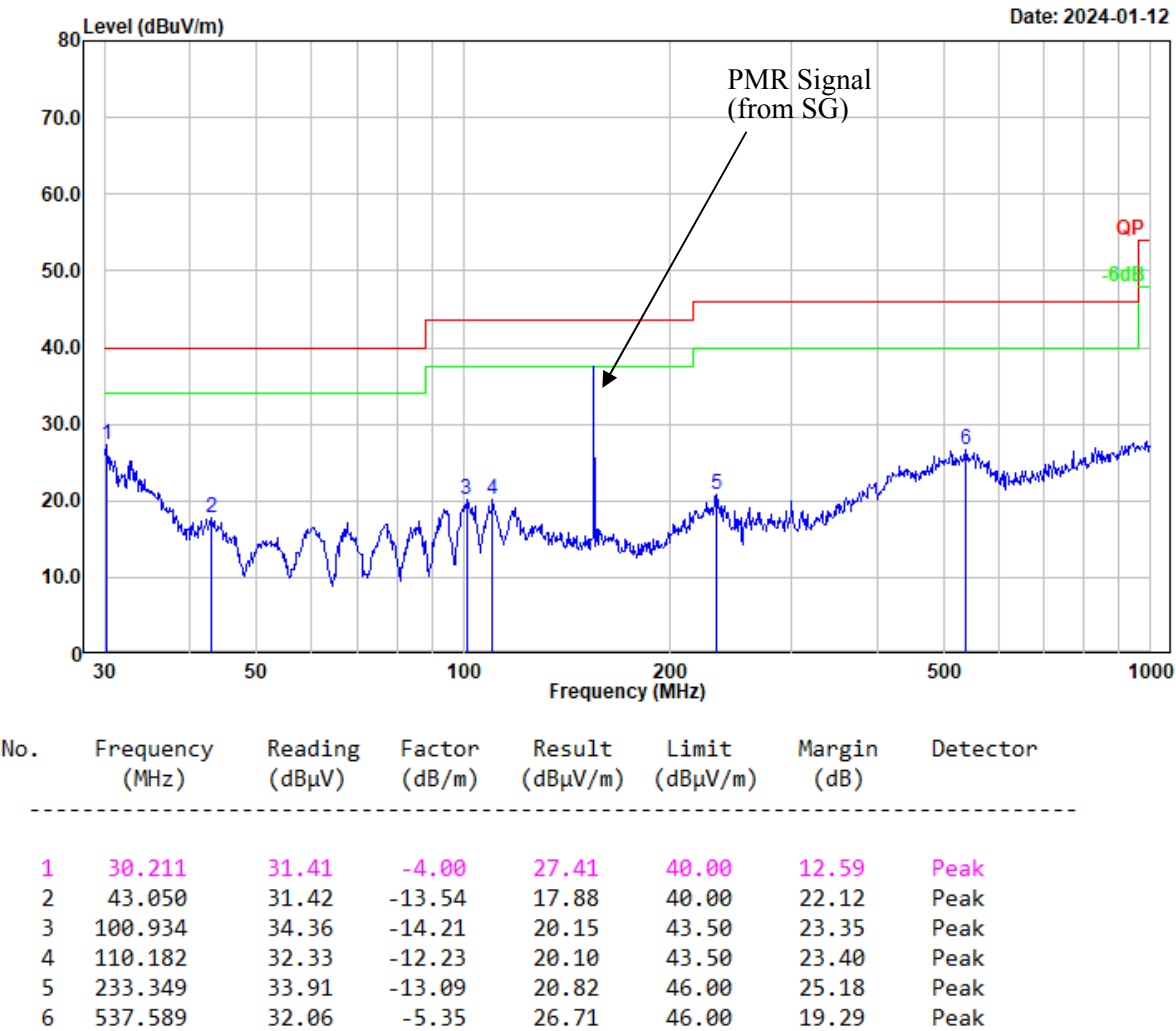


Test Mode: M2 (RX 155MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(155)

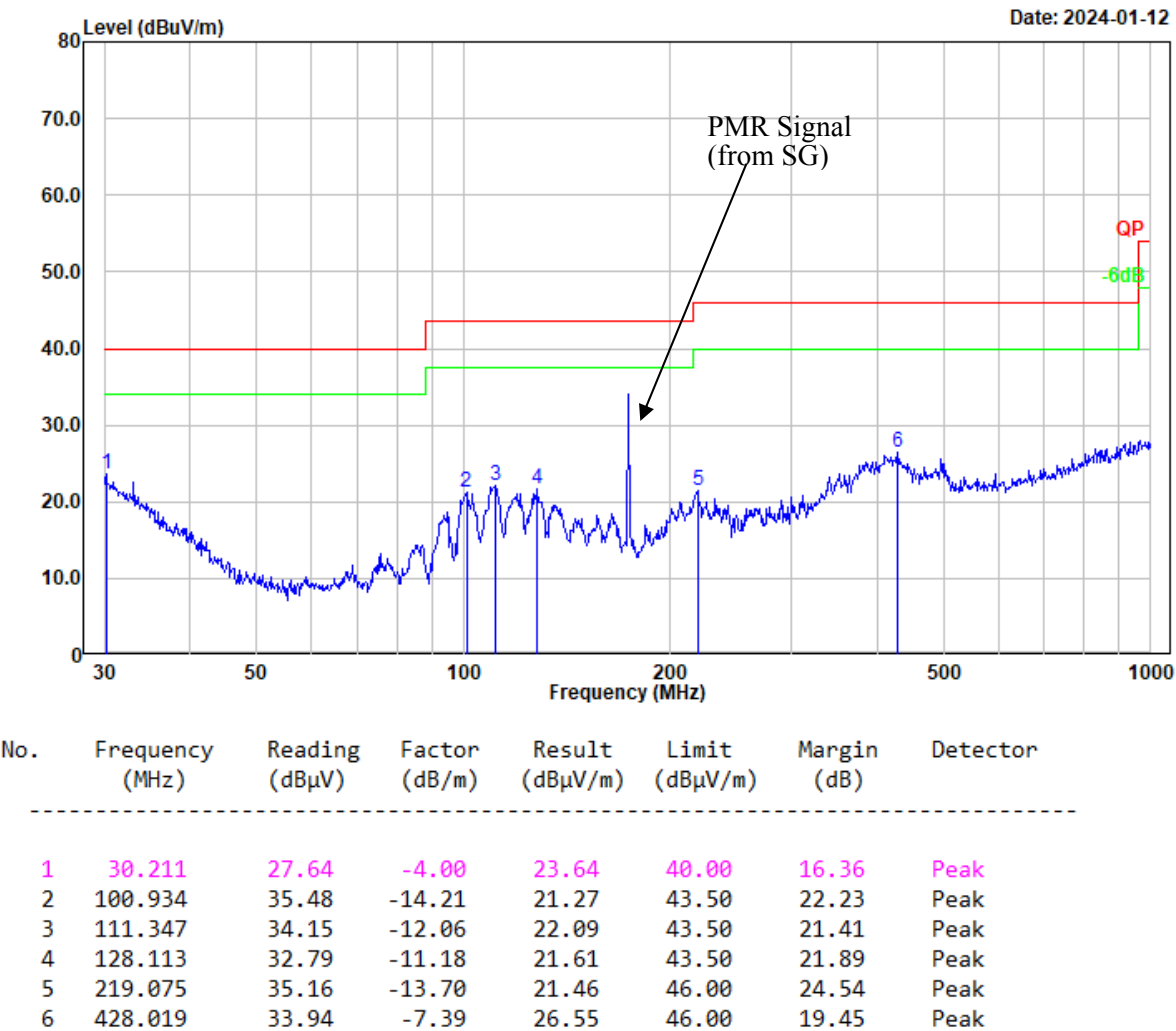


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(155)

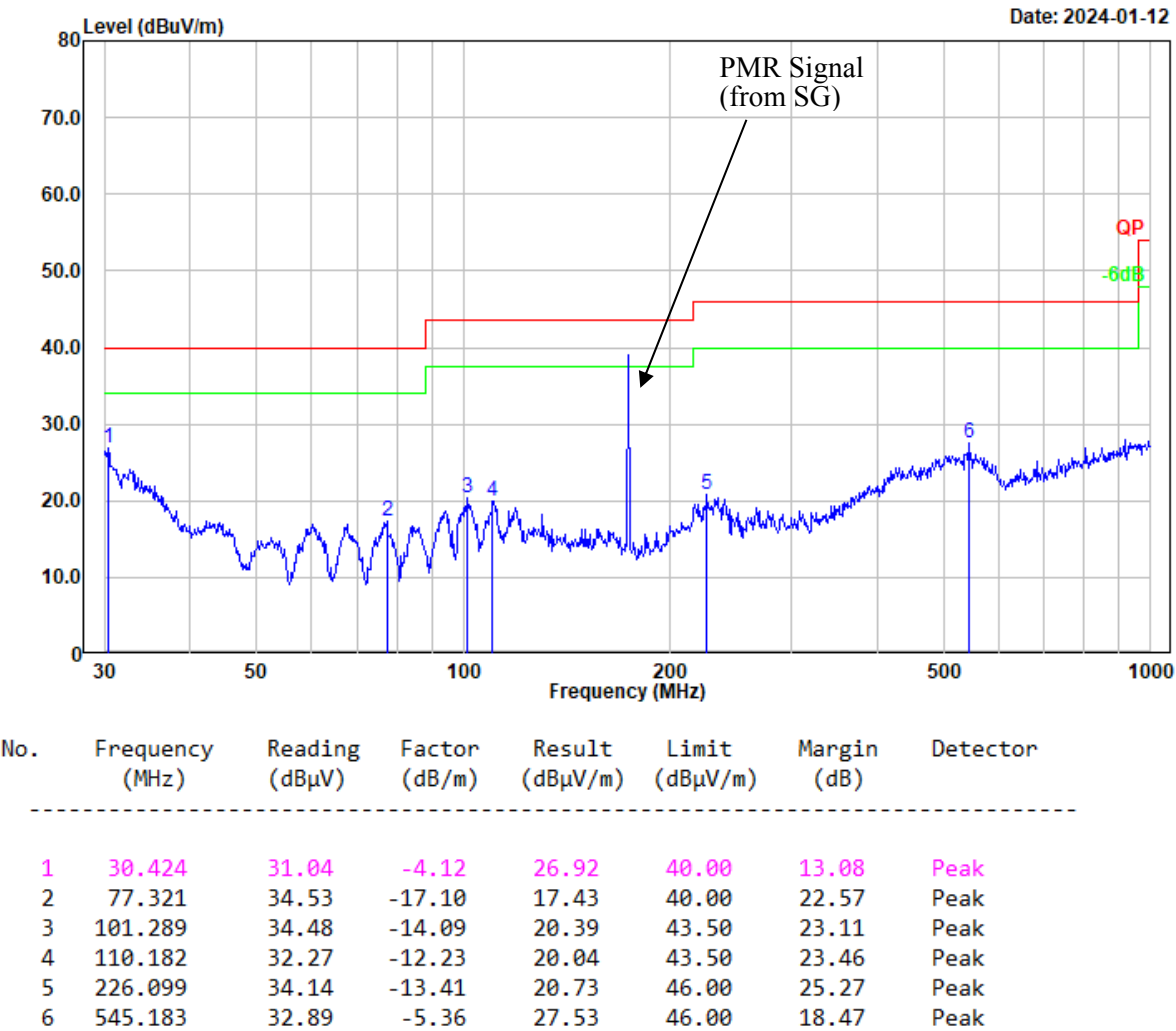


Test Mode: M2 (RX 173.9875MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(173.9875)

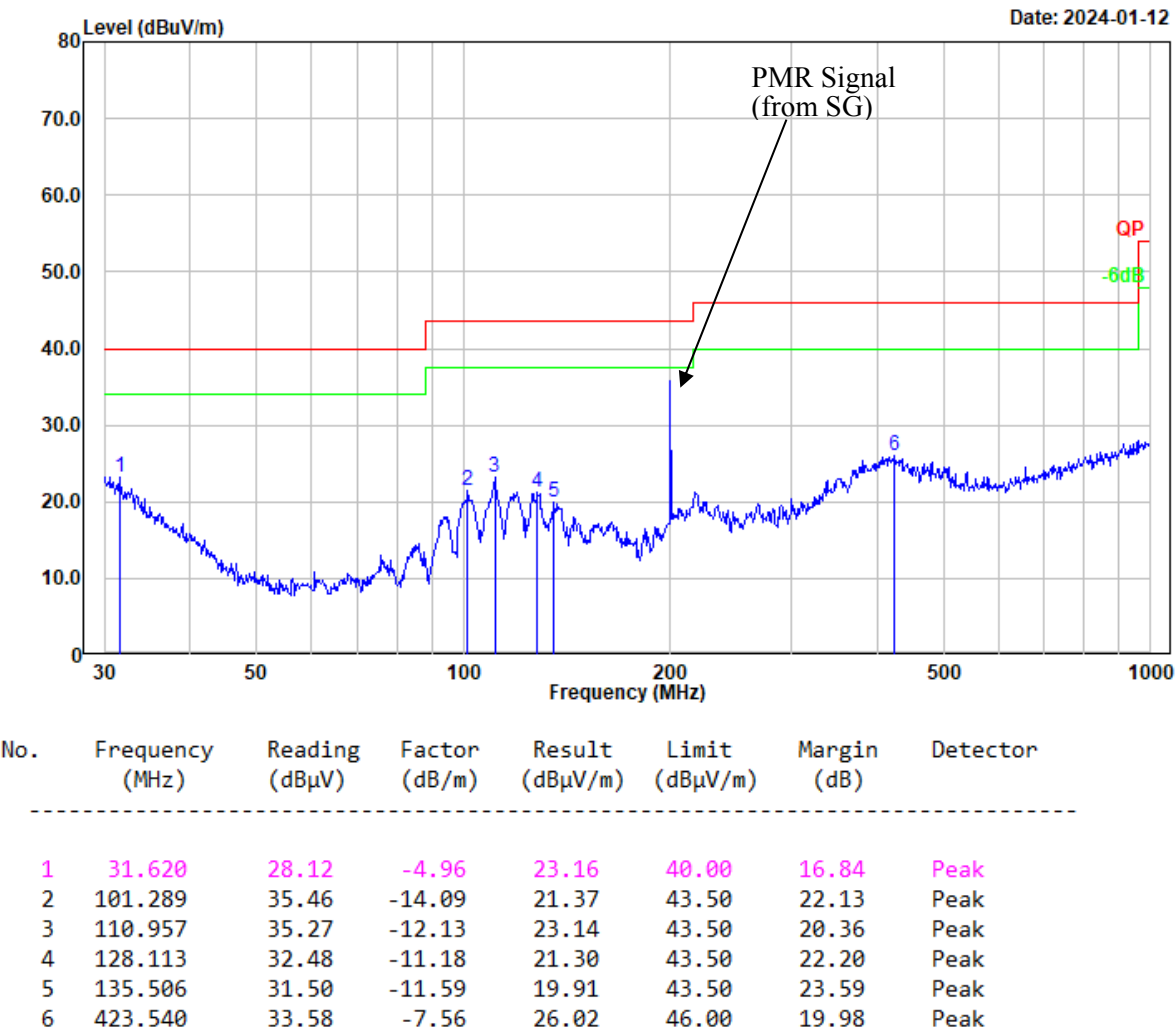


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(173.9875)

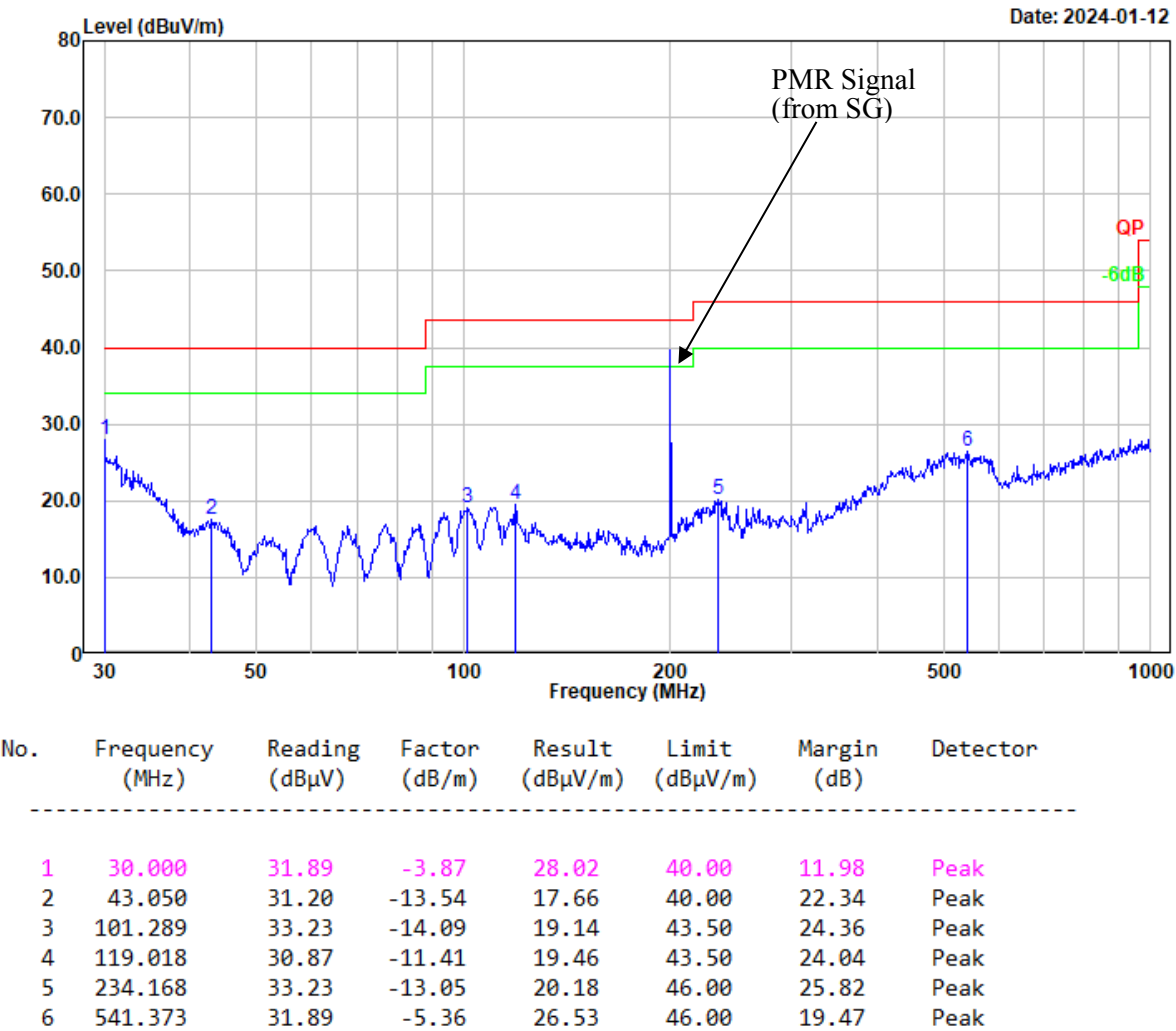


Test Mode: M2(RX 200.0125MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(200.0125)

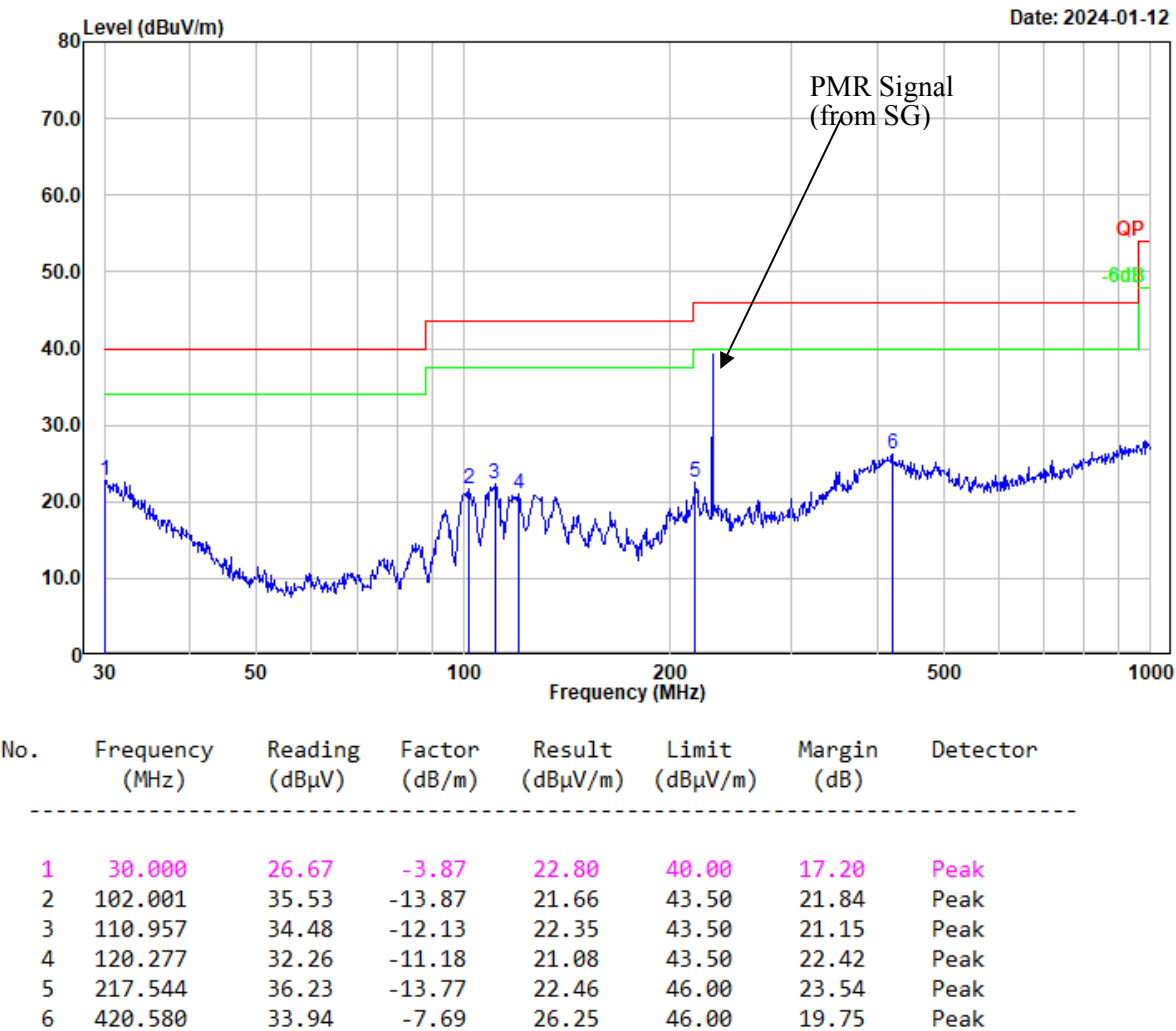


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(200.0125)

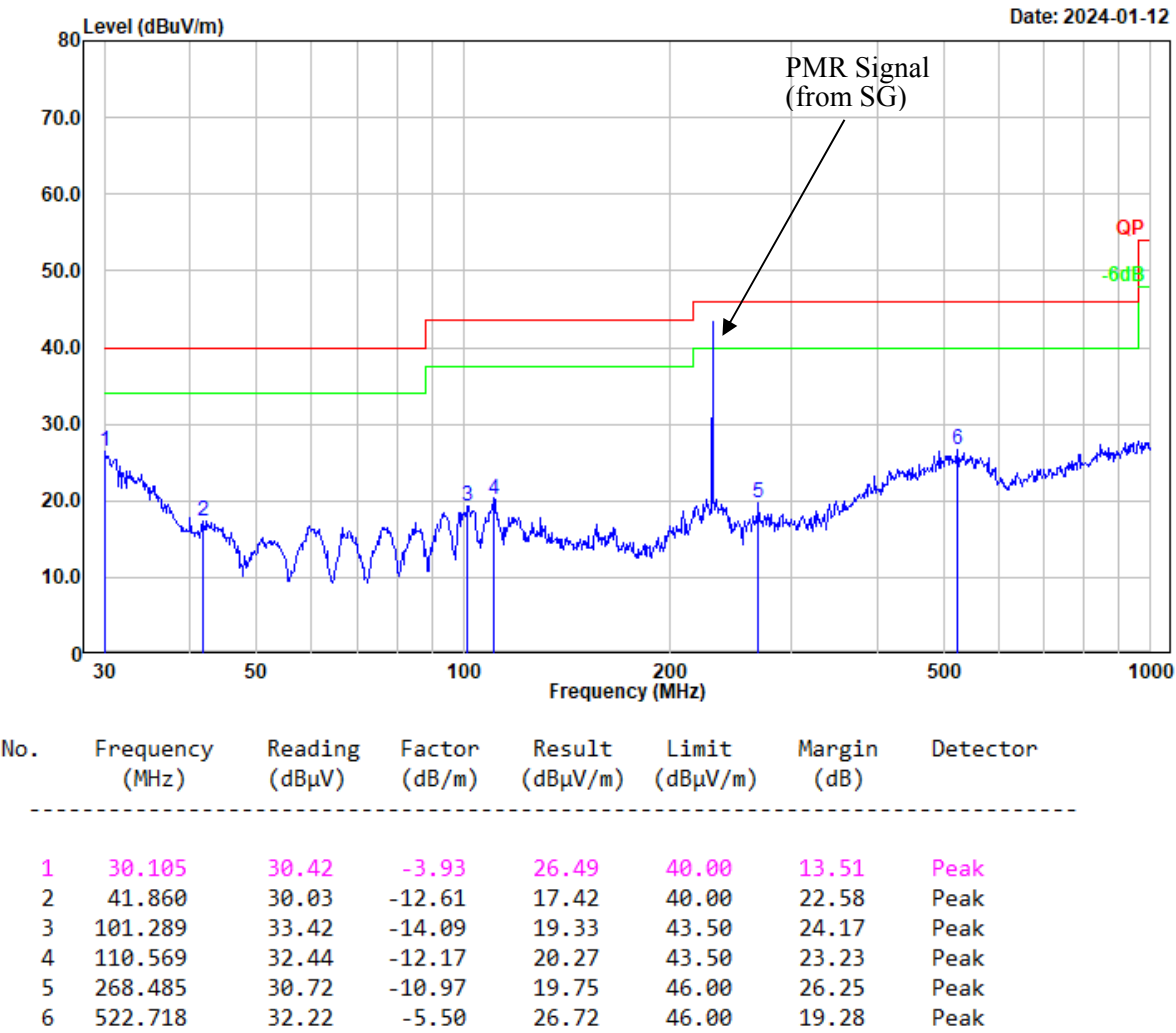


Test Mode: M2 (RX 230MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(230)

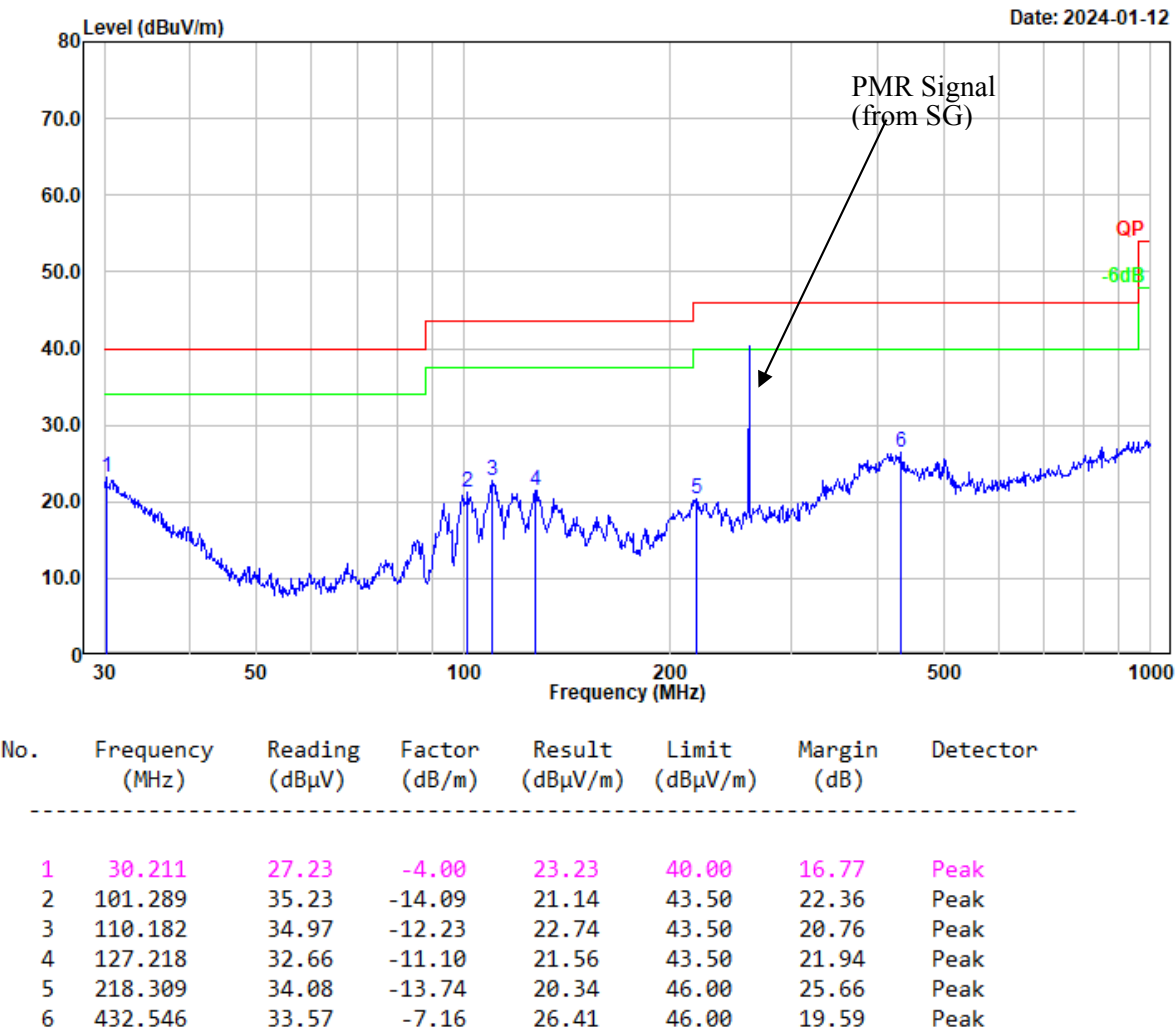


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(230)

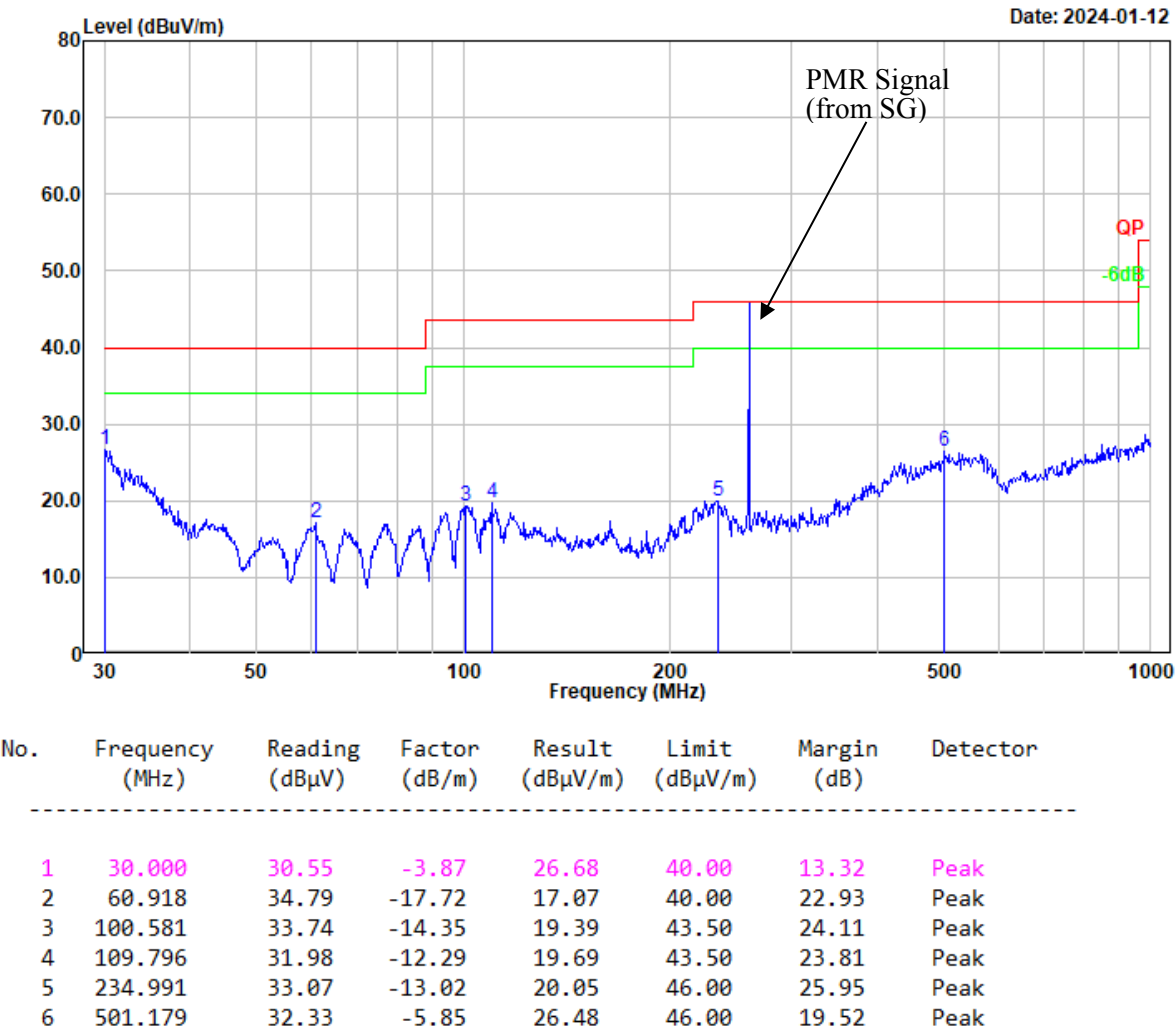


Test Mode: M2 (RX 259.9875MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(259.9875)

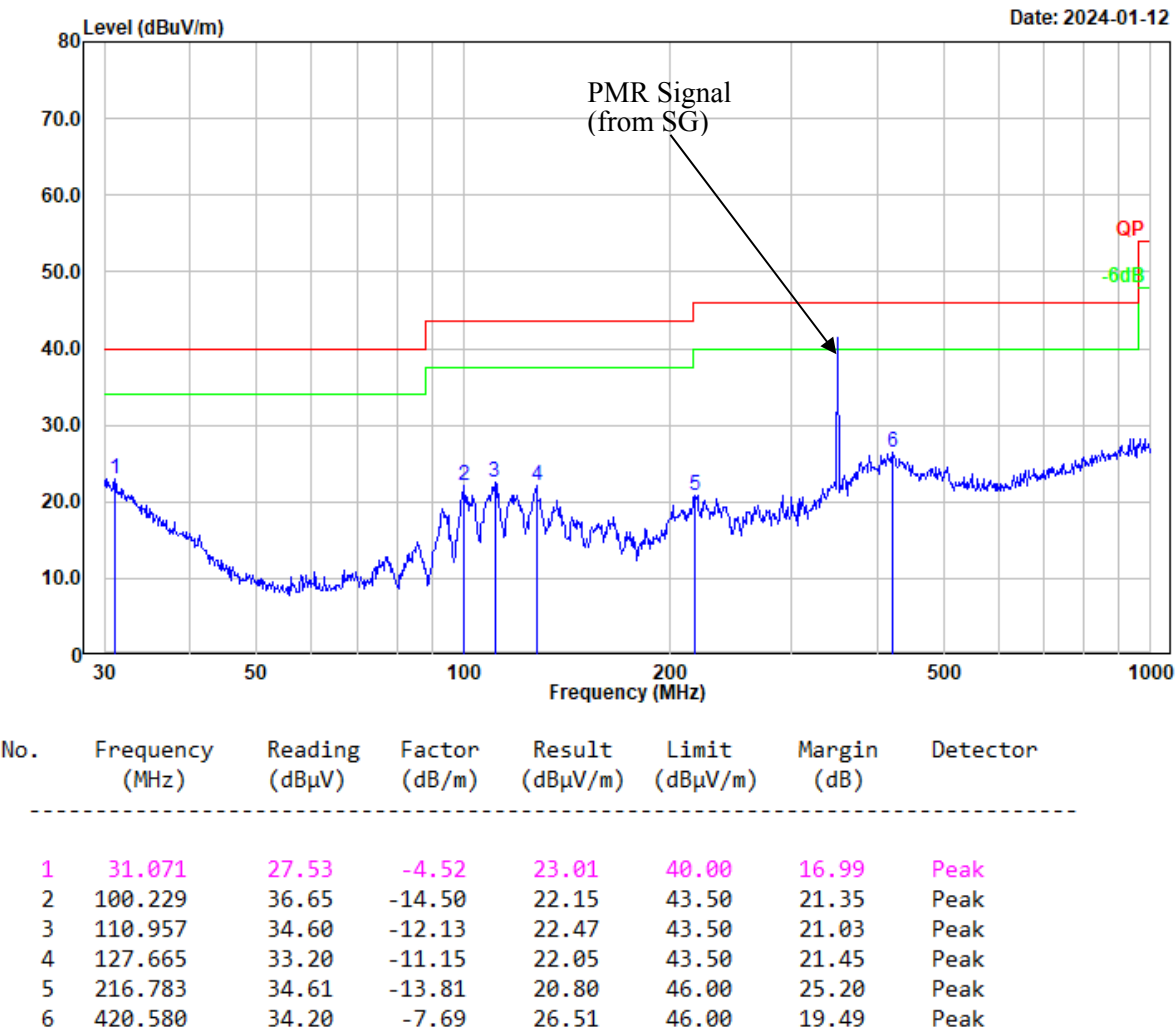


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(259.9875)

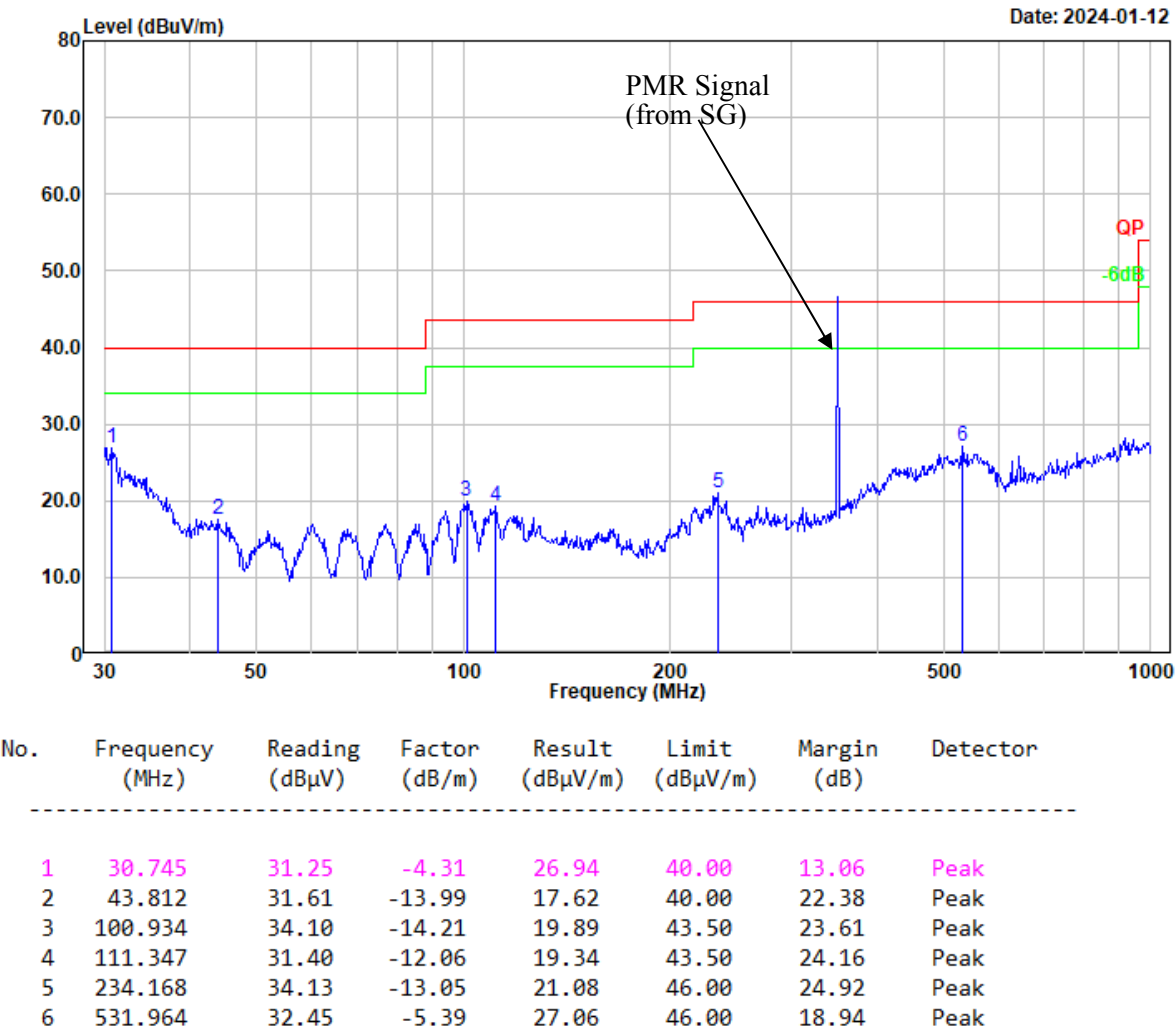


Test Mode: M2 (RX350.0125MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(350.0125)

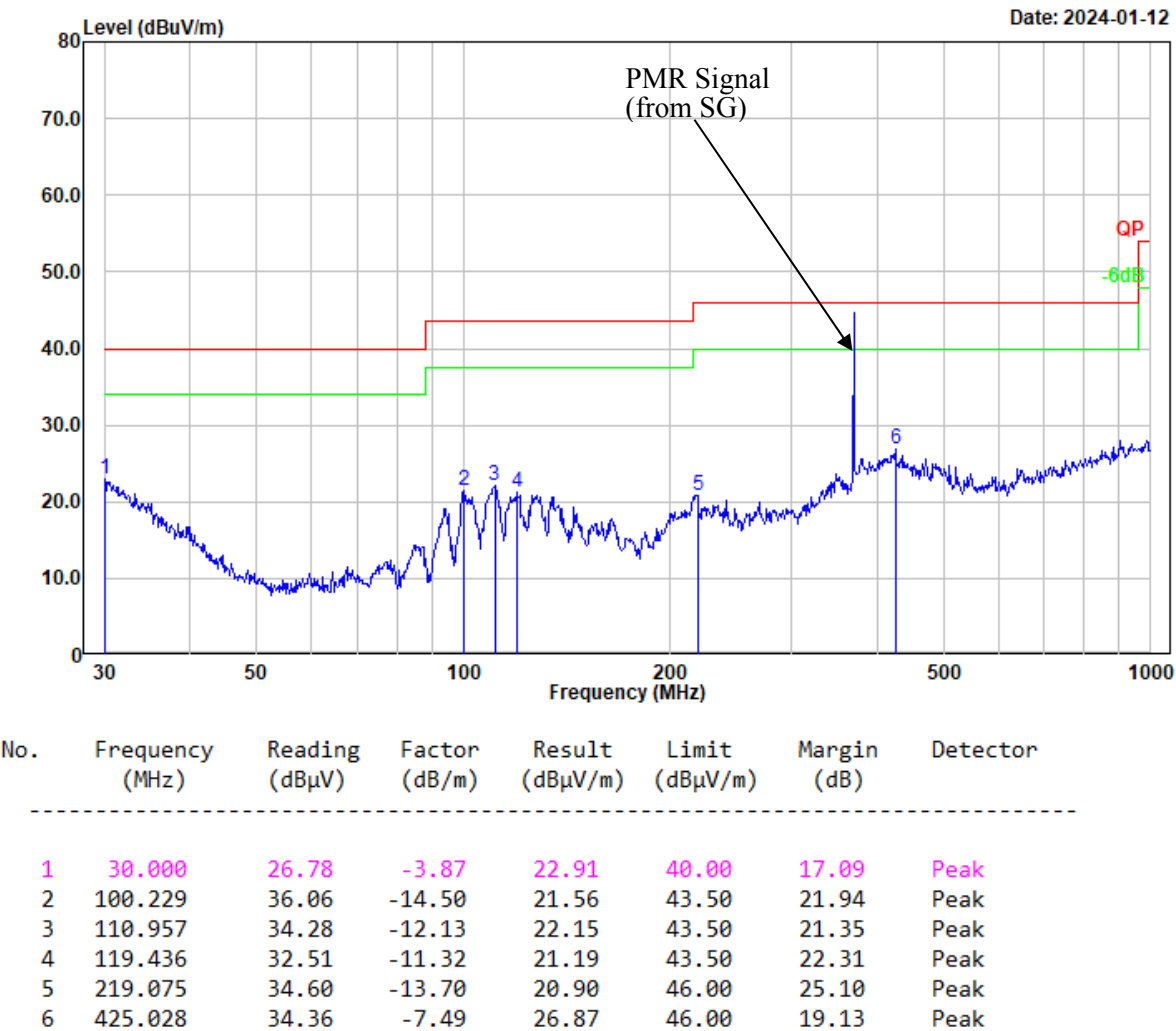


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(350.0125)

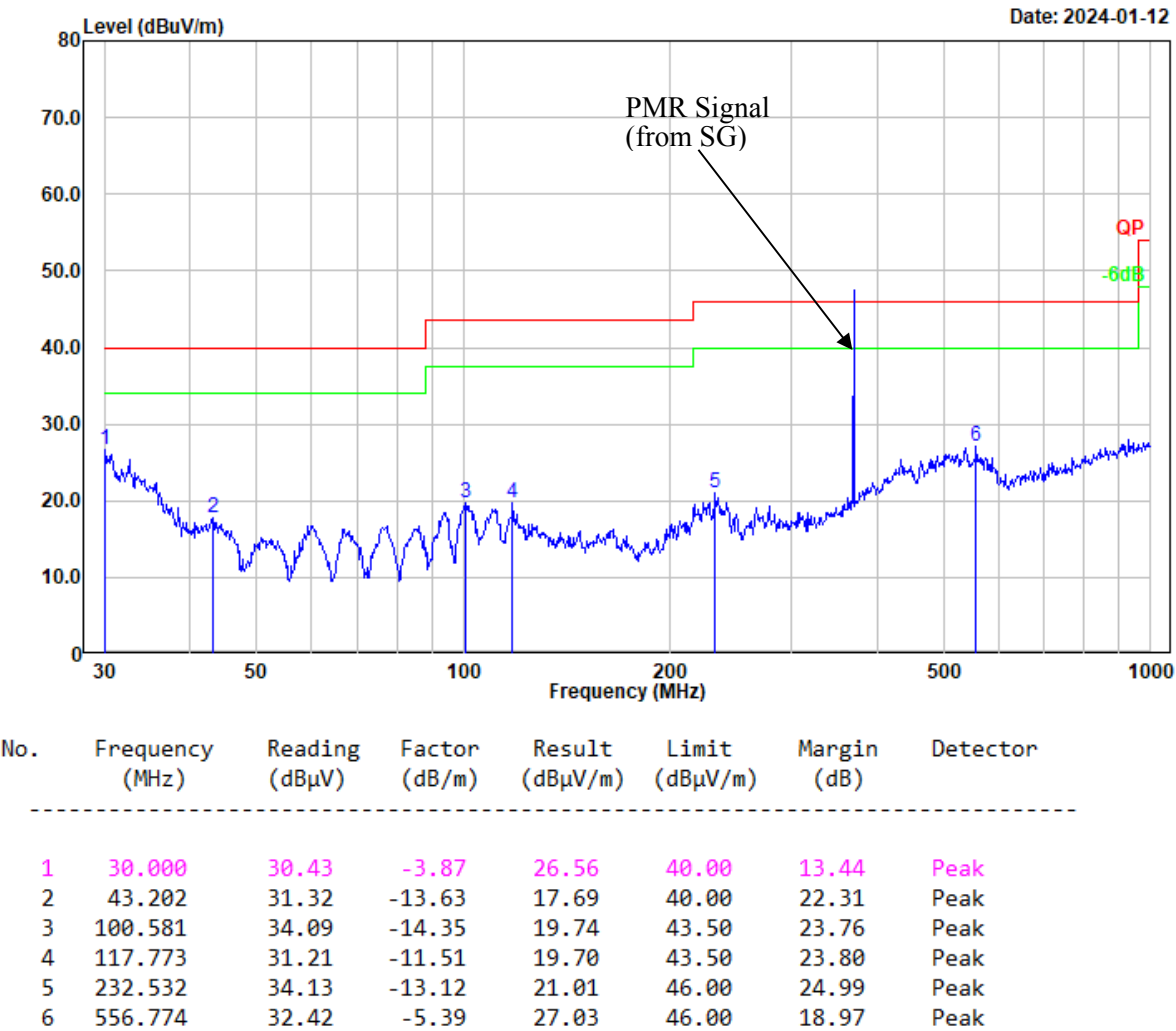


Test Mode: M2 (RX370MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(370)

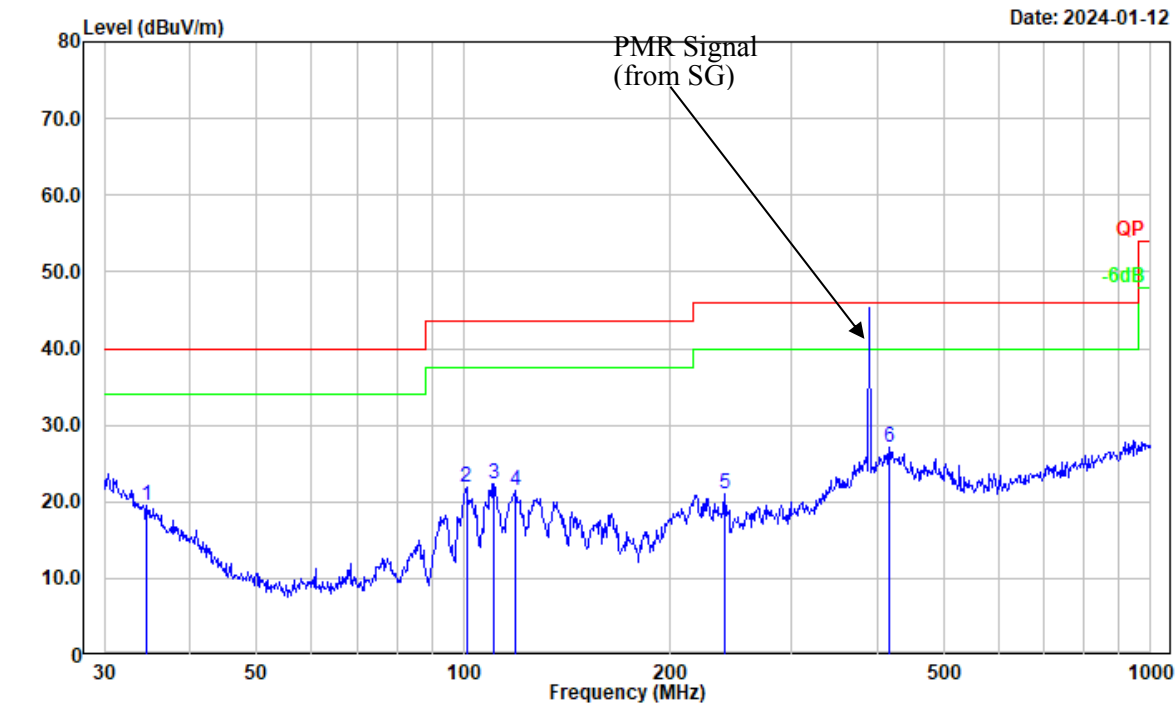


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(370)



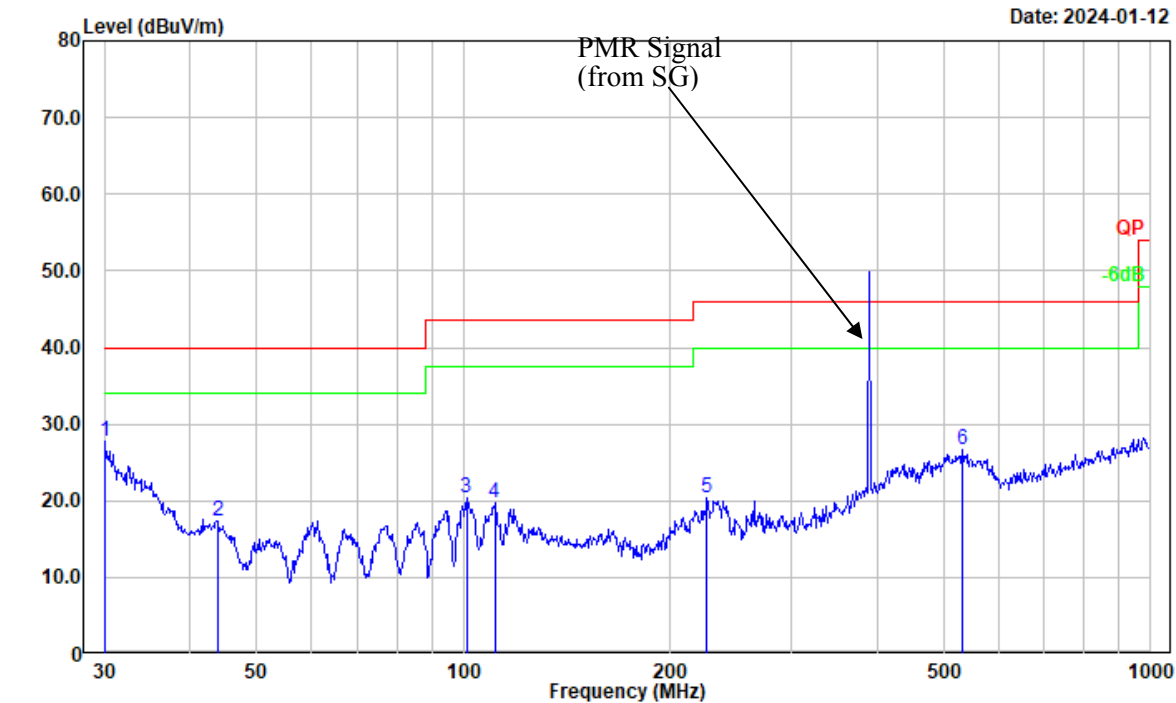
Test Mode: M2 (RX389.9875MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(389.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.517	26.64	-7.16	19.48	40.00	20.52	Peak
2	100.934	36.17	-14.21	21.96	43.50	21.54	Peak
3	110.569	34.43	-12.17	22.26	43.50	21.24	Peak
4	119.018	32.87	-11.41	21.46	43.50	22.04	Peak
5	239.987	33.77	-12.80	20.97	46.00	25.03	Peak
6	416.179	34.90	-7.81	27.09	46.00	18.91	Peak

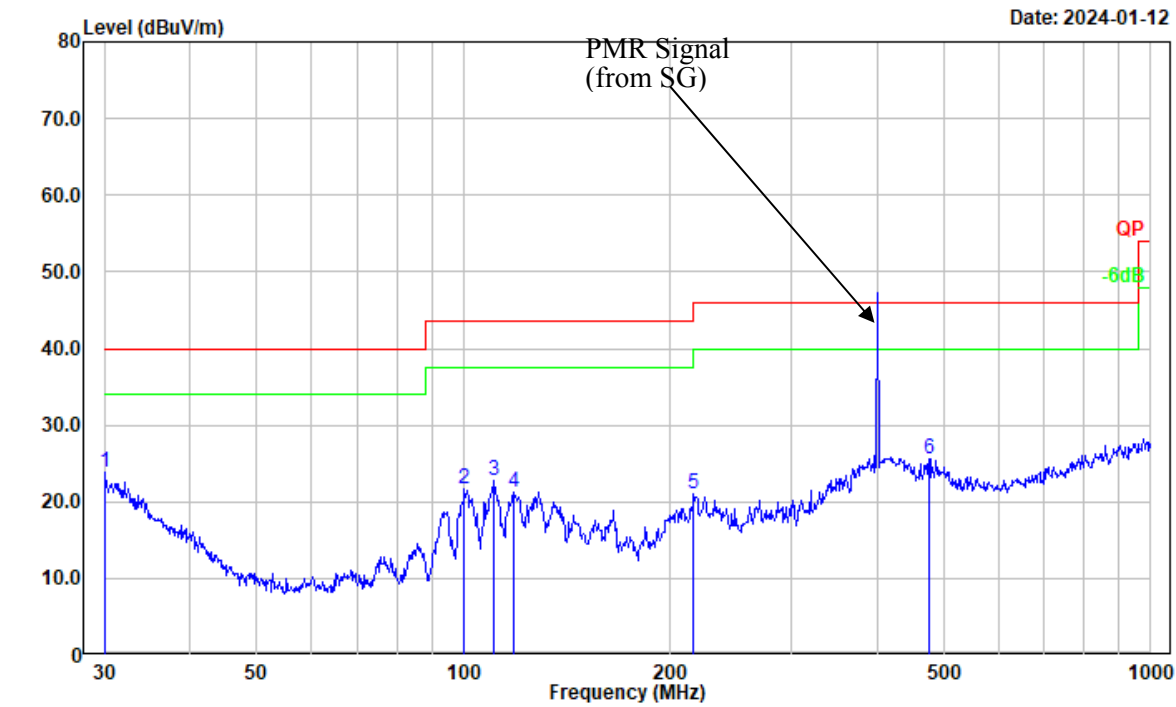
Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(389.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	31.69	-3.87	27.82	40.00	12.18	Peak
2	43.966	31.42	-14.08	17.34	40.00	22.66	Peak
3	100.934	34.59	-14.21	20.38	43.50	23.12	Peak
4	110.957	31.96	-12.13	19.83	43.50	23.67	Peak
5	226.099	33.77	-13.41	20.36	46.00	25.64	Peak
6	531.964	32.06	-5.39	26.67	46.00	19.33	Peak

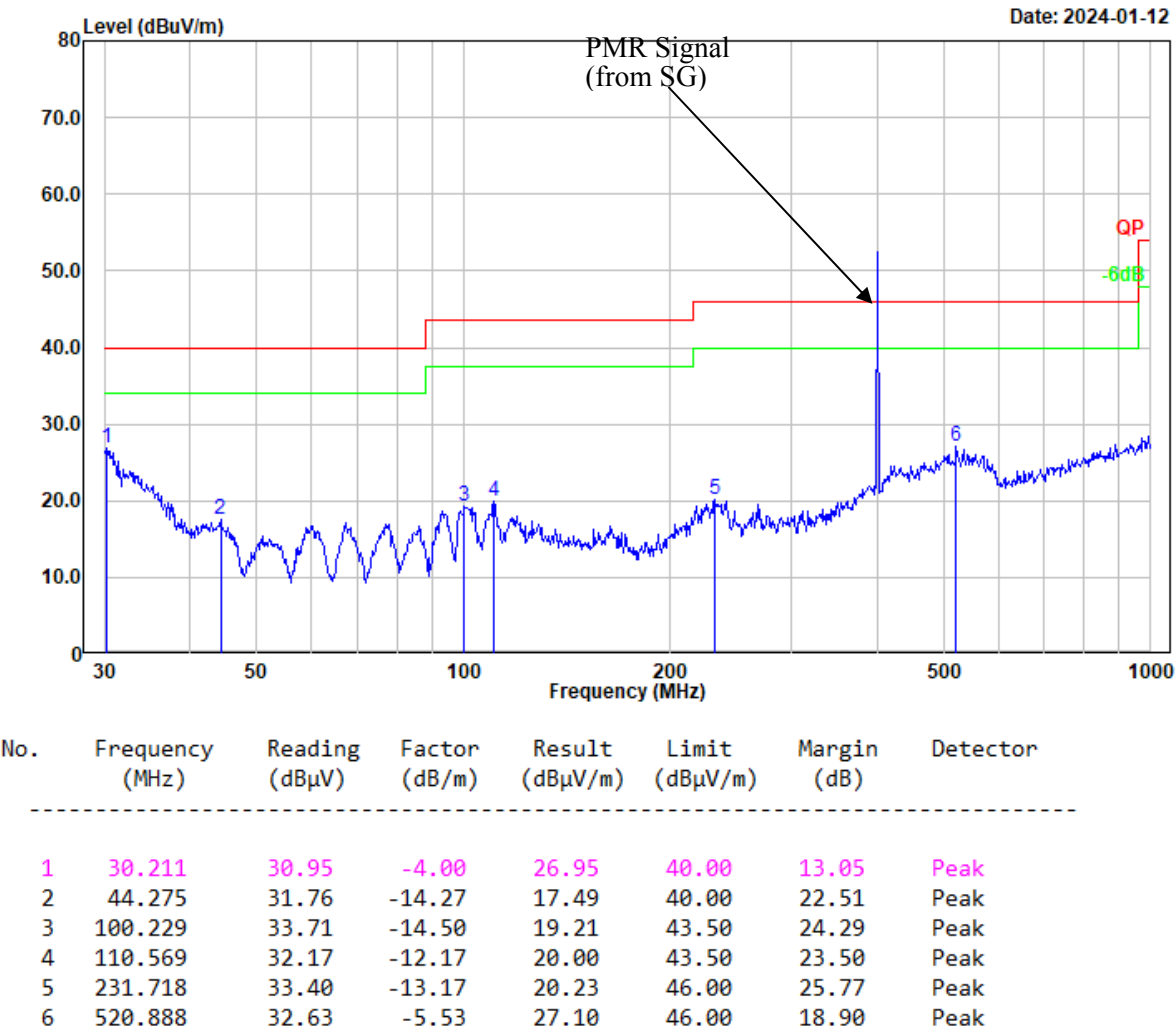
Test Mode: M2 (RX400.0125MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(400.0125)



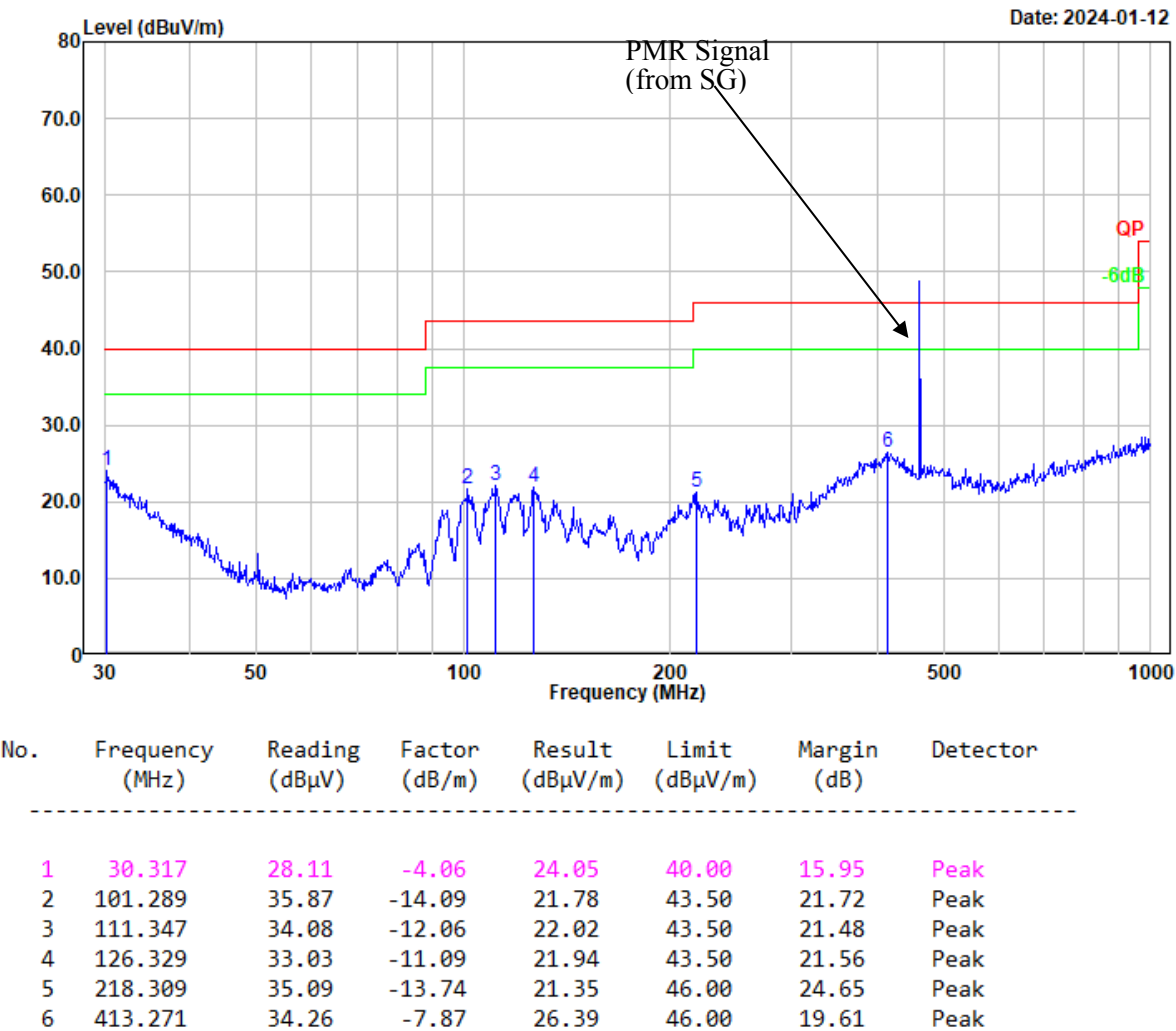
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	27.68	-3.87	23.81	40.00	16.19	Peak
2	100.229	36.10	-14.50	21.60	43.50	21.90	Peak
3	110.569	35.03	-12.17	22.86	43.50	20.64	Peak
4	118.601	32.79	-11.45	21.34	43.50	22.16	Peak
5	216.024	34.78	-13.85	20.93	46.00	25.07	Peak
6	475.499	31.74	-6.14	25.60	46.00	20.40	Peak

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(400.0125)

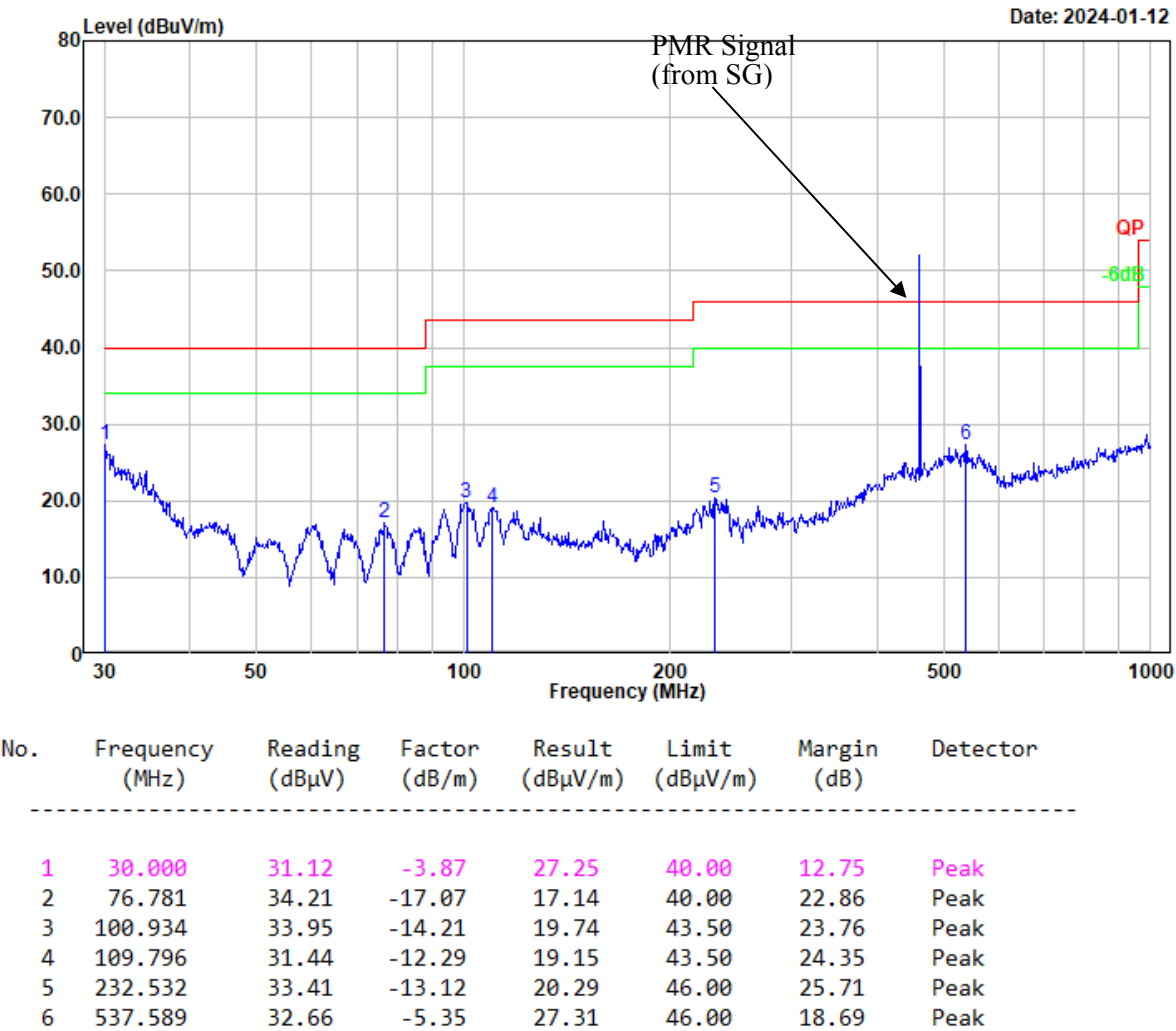


Test Mode: M2 (RX 460MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(460)

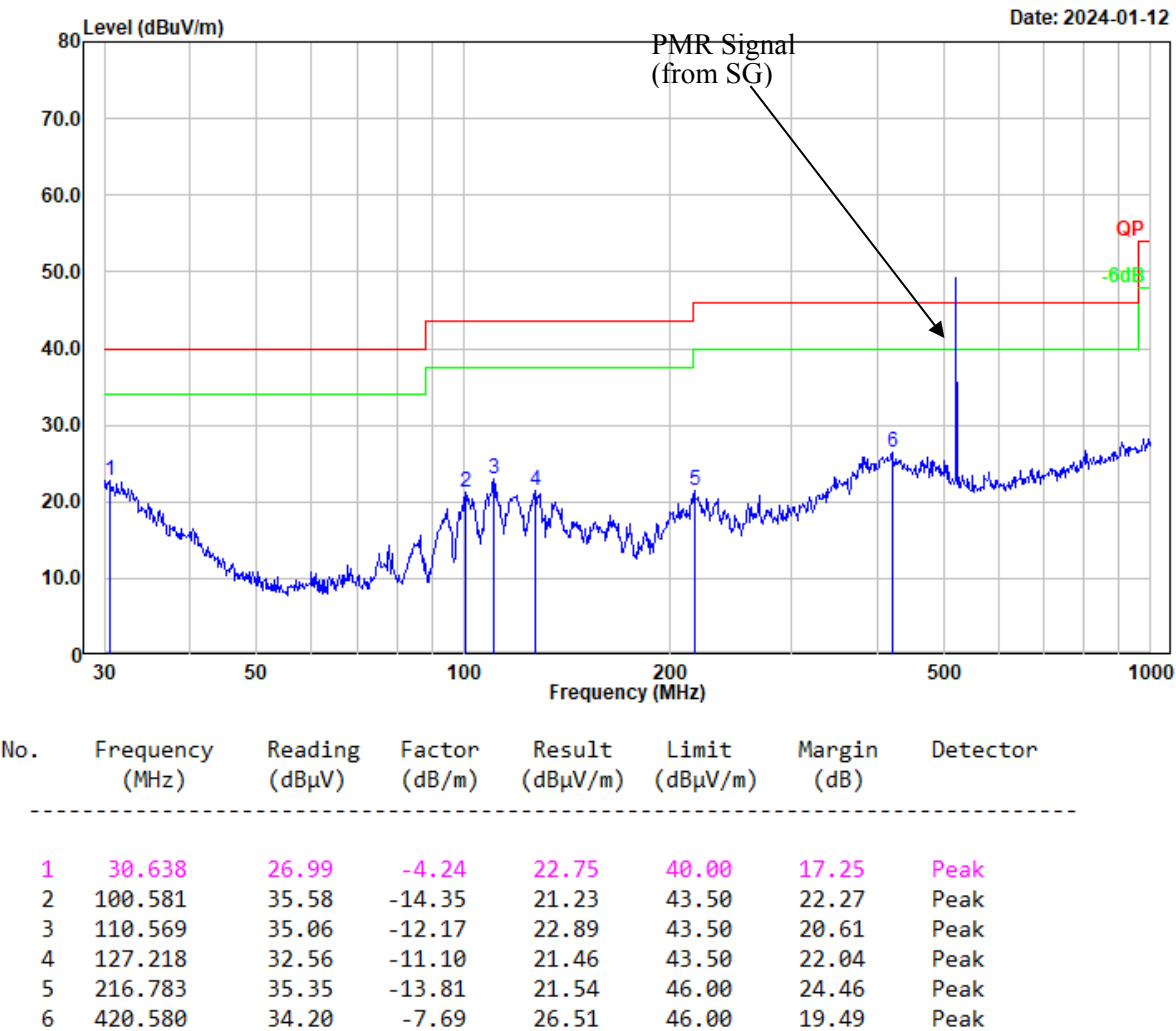


Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(460)

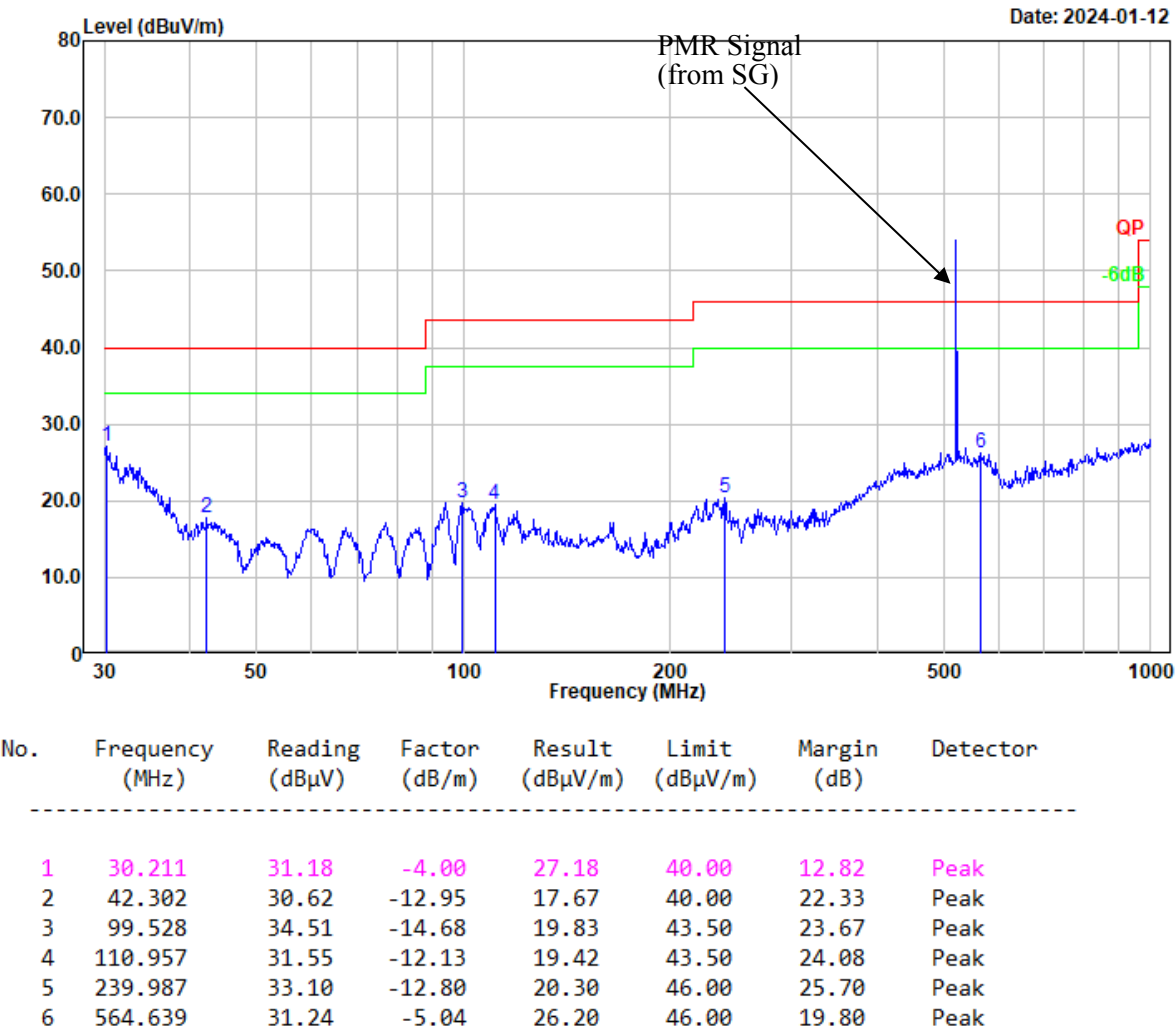


Test Mode: M2 (RX 519.9875MHz)

Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: horizontal
Note: Charging&Receiving(519.9875)



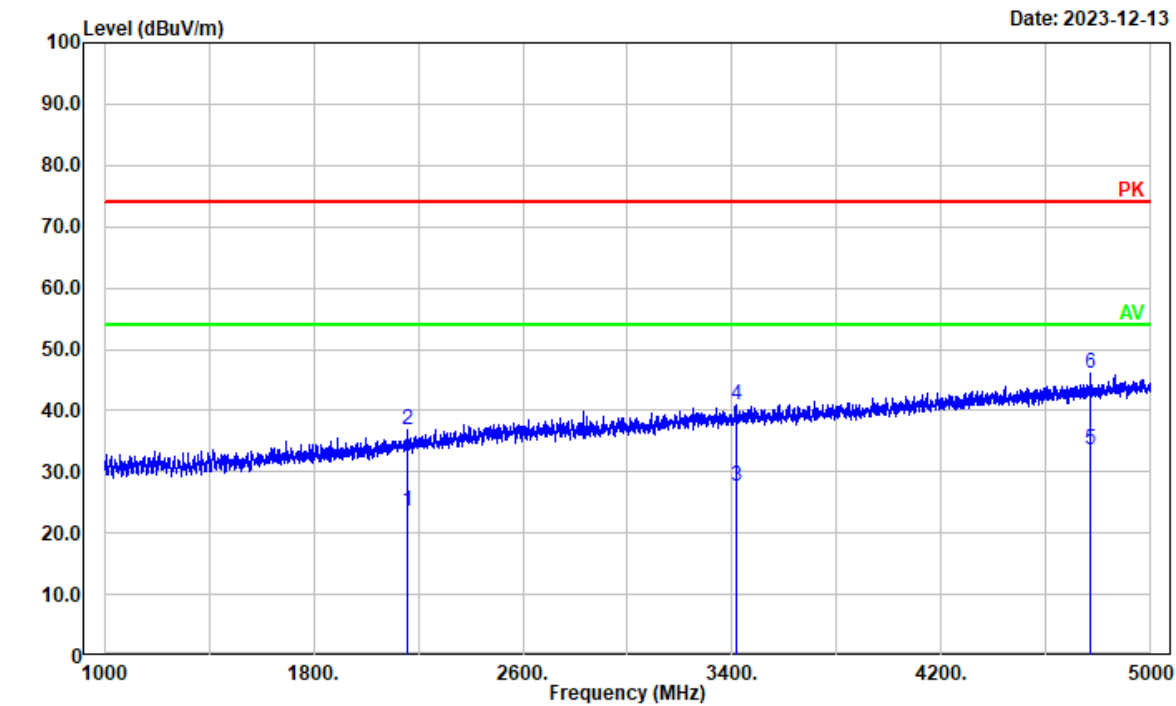
Project No.: CR231165353-RF
Tester: Carl Xue
Polarization: vertical
Note: Charging&Receiving(519.9875)



2) Above 1GHz

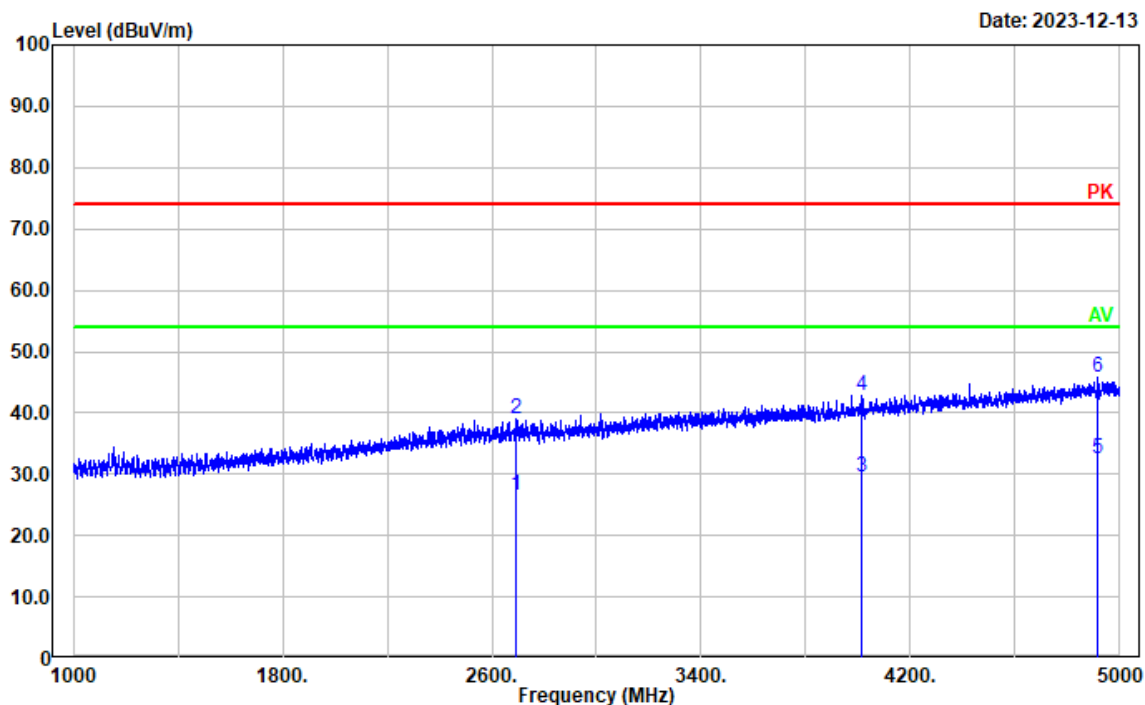
Test Mode: M1(136-174MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging& Scanning (136-174)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2159.432	21.28	2.35	23.63	54.00	30.37	Average
2	2159.432	34.45	2.35	36.80	74.00	37.20	Peak
3	3413.283	21.01	6.61	27.62	54.00	26.38	Average
4	3413.283	34.26	6.61	40.87	74.00	33.13	Peak
5	4767.153	22.55	11.00	33.55	54.00	20.45	Average
6	4767.153	35.11	11.00	46.11	74.00	27.89	Peak

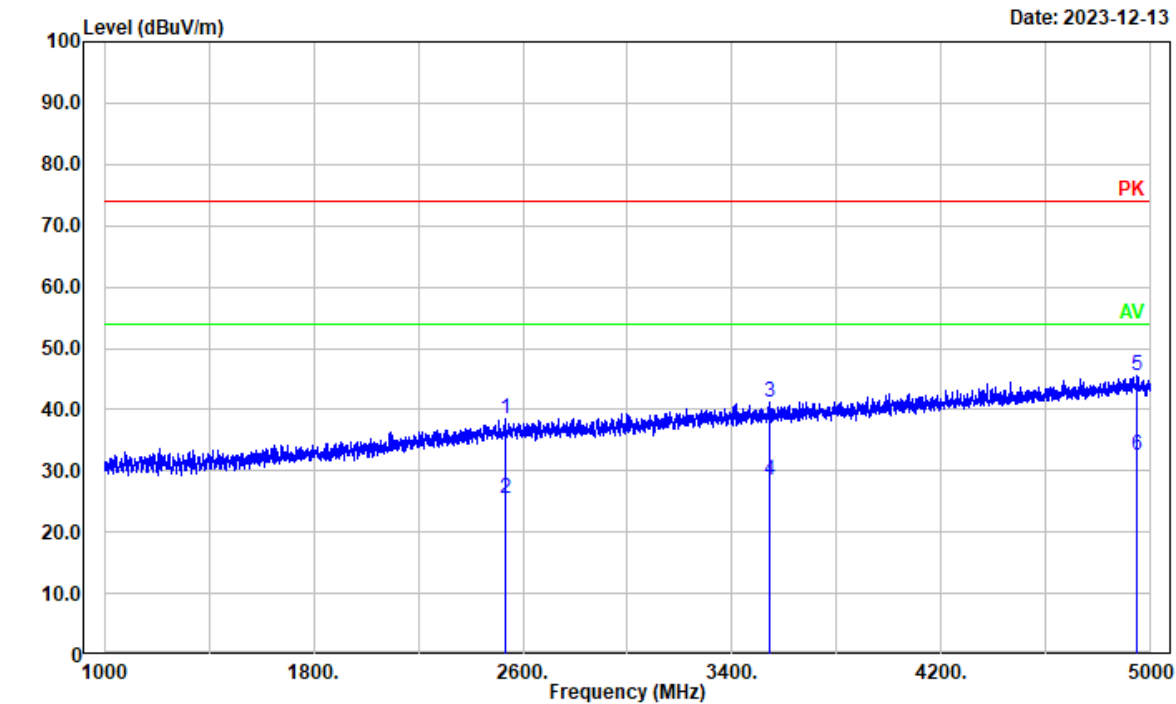
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging& Scanning (136-174)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2694.739	21.80	4.78	26.58	54.00	27.42	Average
2	2694.739	34.37	4.78	39.15	74.00	34.85	Peak
3	4012.603	21.49	8.18	29.67	54.00	24.33	Average
4	4012.603	34.76	8.18	42.94	74.00	31.06	Peak
5	4917.583	20.79	11.65	32.44	54.00	21.56	Average
6	4917.583	34.06	11.65	45.71	74.00	28.29	Peak

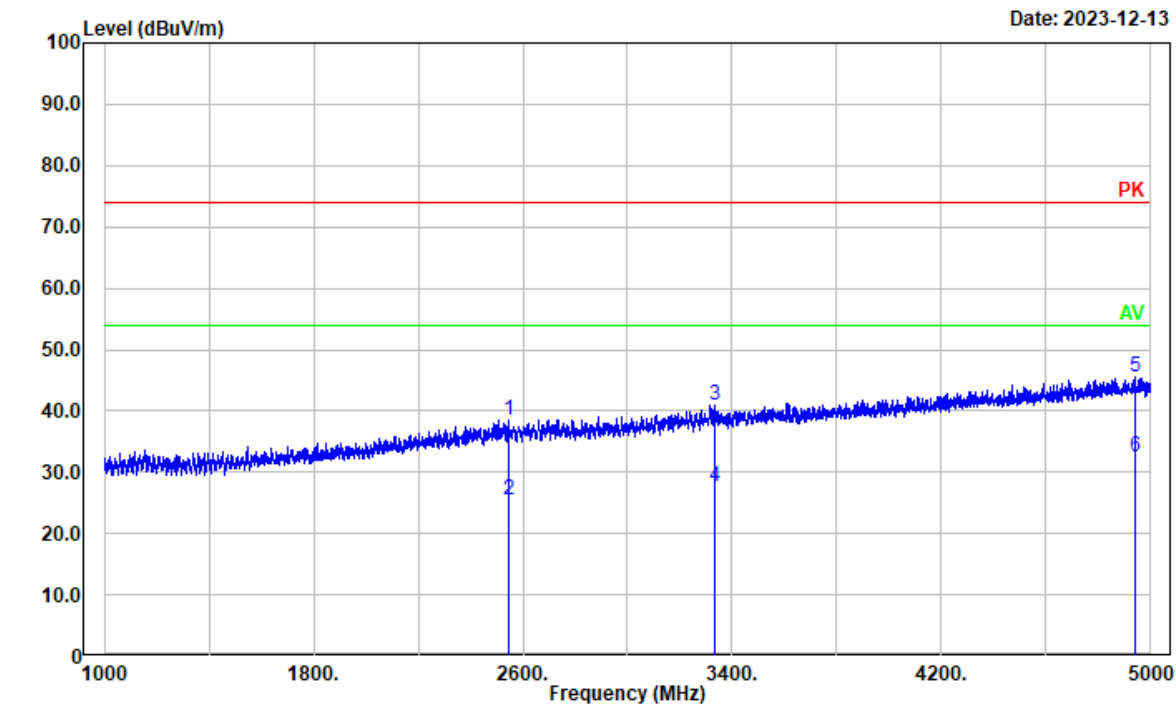
Test Mode: M1(200-260MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging& Scanning (200-260)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2530.706	34.18	4.35	38.53	74.00	35.47	Peak
2	2530.706	21.12	4.35	25.47	54.00	28.53	Average
3	3540.508	34.22	7.07	41.29	74.00	32.71	Peak
4	3540.508	21.27	7.07	28.34	54.00	25.66	Average
5	4947.990	33.71	11.76	45.47	74.00	28.53	Peak
6	4947.990	20.81	11.76	32.57	54.00	21.43	Average

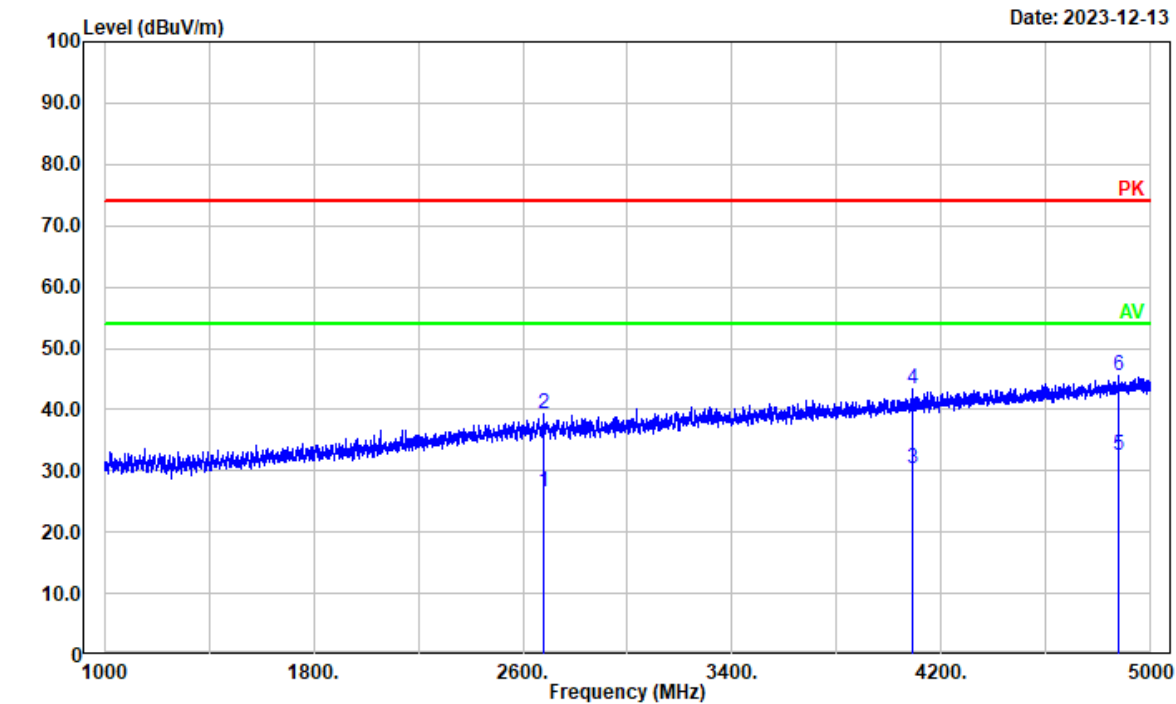
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging& Scanning (200-260)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2544.309	33.98	4.41	38.39	74.00	35.61	Peak
2	2544.309	21.06	4.41	25.47	54.00	28.53	Average
3	3335.667	34.59	6.40	40.99	74.00	33.01	Peak
4	3335.667	21.26	6.40	27.66	54.00	26.34	Average
5	4938.388	33.80	11.72	45.52	74.00	28.48	Peak
6	4938.388	20.83	11.72	32.55	54.00	21.45	Average

Test Mode: M1(350-390MHz)

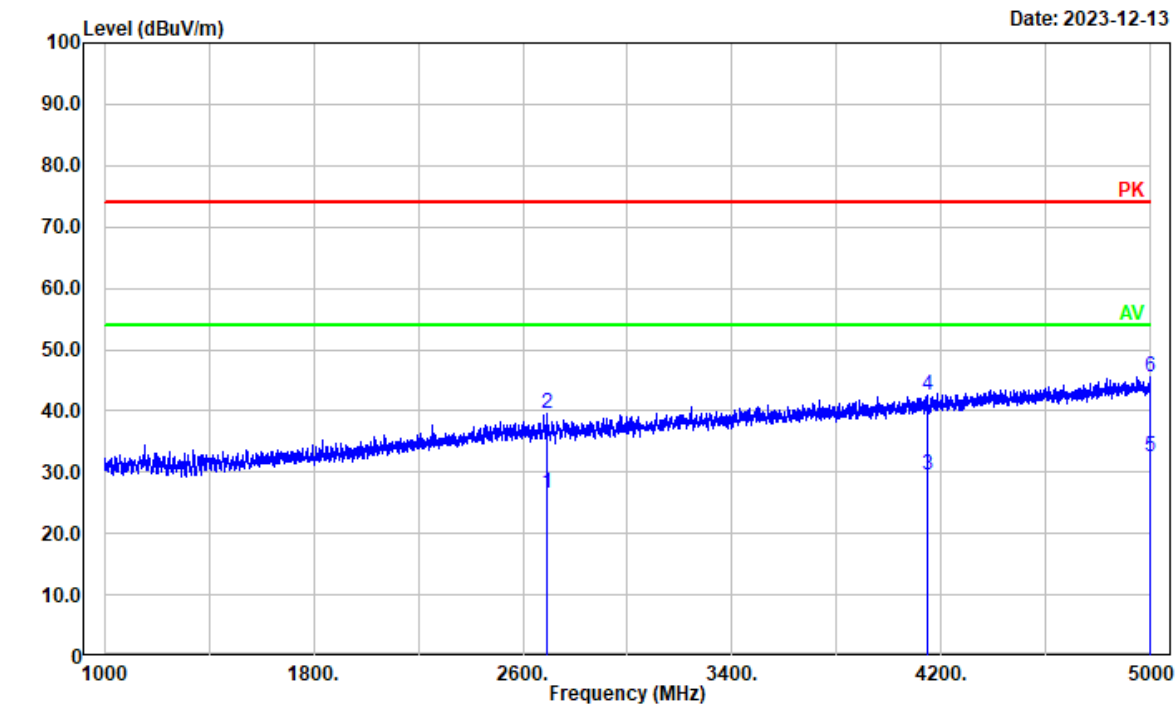
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging& Scanning (350-390)



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

1	2679.536	21.83	4.74	26.57	54.00	27.43	Average
2	2679.536	34.57	4.74	39.31	74.00	34.69	Peak
3	4090.218	21.95	8.52	30.47	54.00	23.53	Average
4	4090.218	34.81	8.52	43.33	74.00	30.67	Peak
5	4877.576	21.09	11.46	32.55	54.00	21.45	Average
6	4877.576	34.01	11.46	45.47	74.00	28.53	Peak

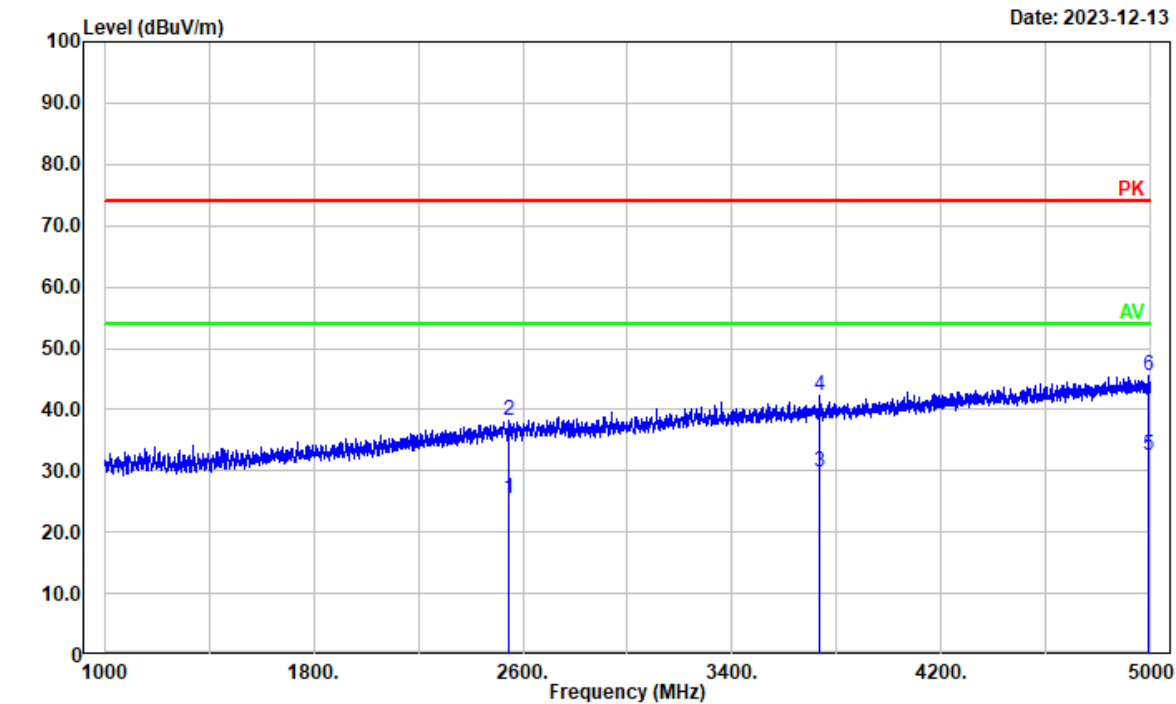
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging& Scanning (350-390)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2691.538	21.79	4.78	26.57	54.00	27.43	Average
2	2691.538	34.84	4.78	39.62	74.00	34.38	Peak
3	4143.829	21.03	8.57	29.60	54.00	24.40	Average
4	4143.829	33.95	8.57	42.52	74.00	31.48	Peak
5	4998.400	20.72	11.78	32.50	54.00	21.50	Average
6	4998.400	33.63	11.78	45.41	74.00	28.59	Peak

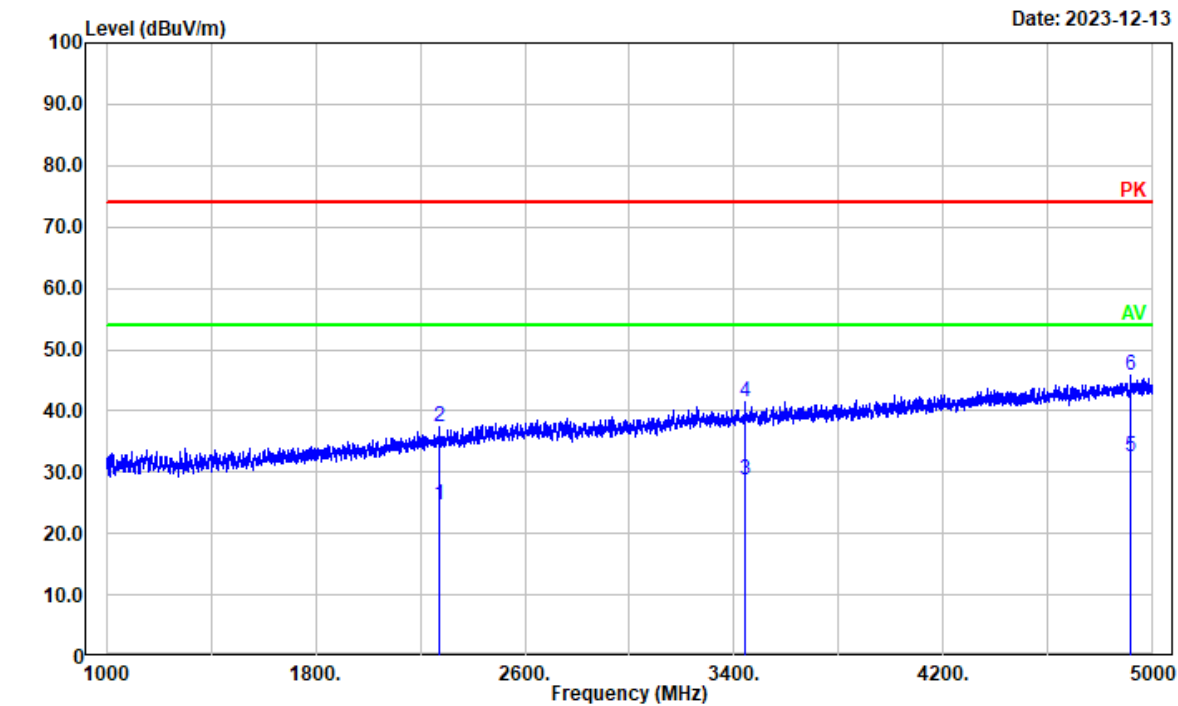
Test Mode: M1(400-520MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging& Scanning (400-520)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2547.510	20.99	4.42	25.41	54.00	28.59	Average
2	2547.510	33.68	4.42	38.10	74.00	35.90	Peak
3	3736.547	22.18	7.50	29.68	54.00	24.32	Average
4	3736.547	34.75	7.50	42.25	74.00	31.75	Peak
5	4992.798	20.79	11.79	32.58	54.00	21.42	Average
6	4992.798	33.61	11.79	45.40	74.00	28.60	Peak

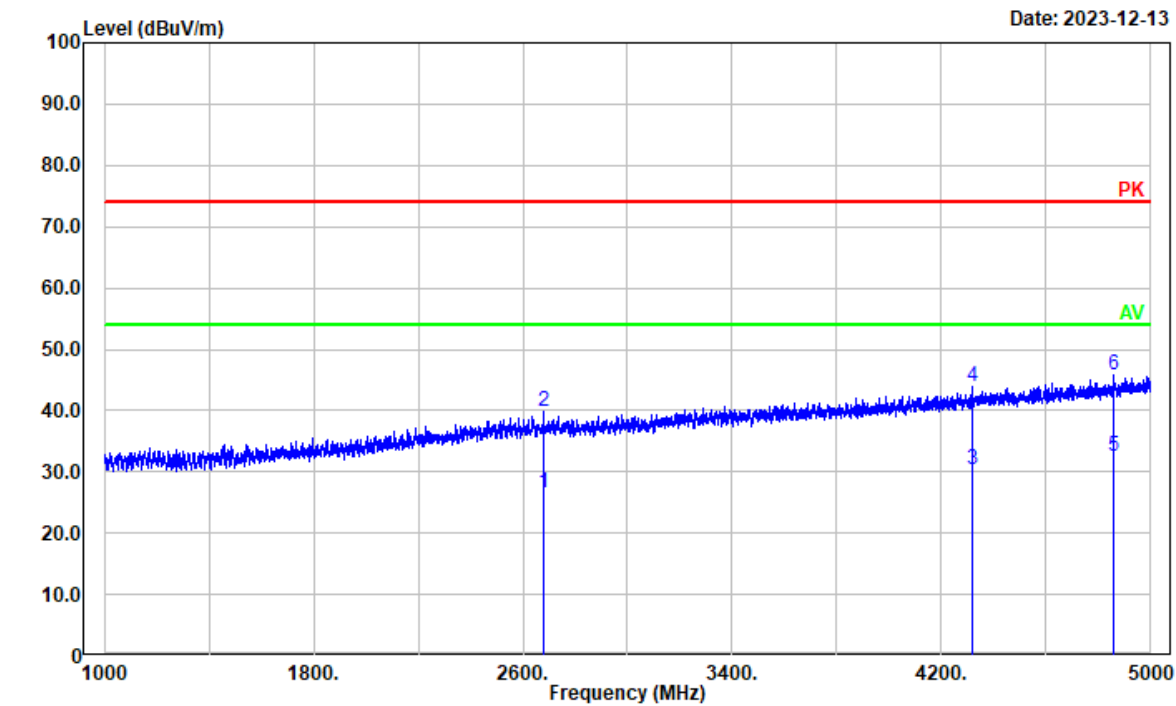
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging& Scanning (400-520)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2270.654	21.63	2.95	24.58	54.00	29.42	Average
2	2270.654	34.36	2.95	37.31	74.00	36.69	Peak
3	3441.288	21.92	6.74	28.66	54.00	25.34	Average
4	3441.288	34.73	6.74	41.47	74.00	32.53	Peak
5	4914.383	20.91	11.63	32.54	54.00	21.46	Average
6	4914.383	34.12	11.63	45.75	74.00	28.25	Peak

Test Mode: M2 (RX 136.0125MHz)

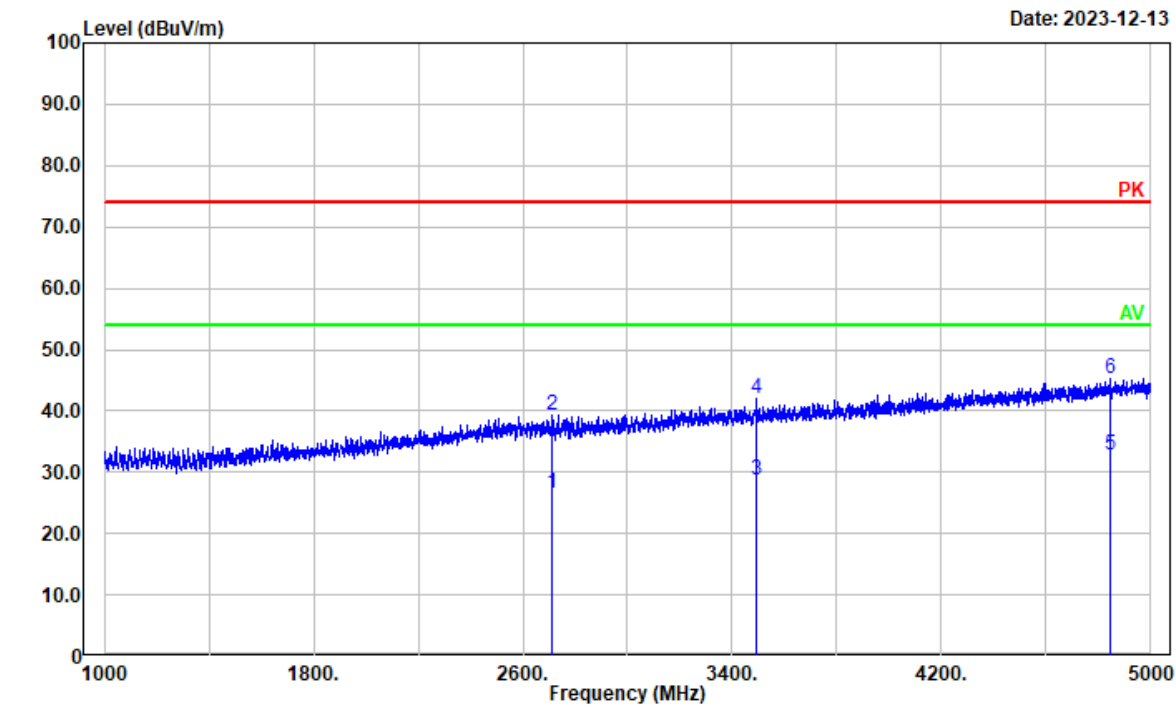
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(136.0125)



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

1	2679.536	21.76	4.74	26.50	54.00	27.50	Average
2	2679.536	35.19	4.74	39.93	74.00	34.07	Peak
3	4320.664	21.20	9.16	30.36	54.00	23.64	Average
4	4320.664	34.76	9.16	43.92	74.00	30.08	Peak
5	4860.772	21.18	11.37	32.55	54.00	21.45	Average
6	4860.772	34.53	11.37	45.90	74.00	28.10	Peak

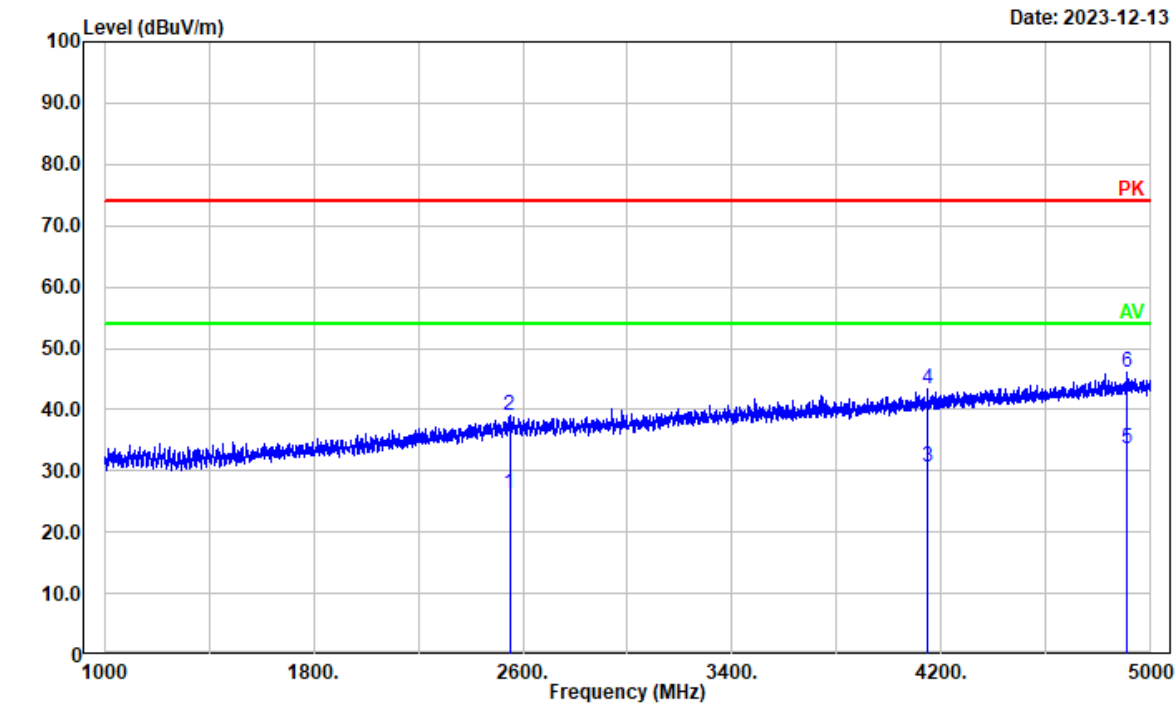
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(136.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2713.943	21.83	4.82	26.65	54.00	27.35	Average
2	2713.943	34.52	4.82	39.34	74.00	34.66	Peak
3	3490.098	21.77	6.87	28.64	54.00	25.36	Average
4	3490.098	35.09	6.87	41.96	74.00	32.04	Peak
5	4845.569	21.42	11.32	32.74	54.00	21.26	Average
6	4845.569	34.02	11.32	45.34	74.00	28.66	Peak

Test Mode: M2 (RX 155MHz)

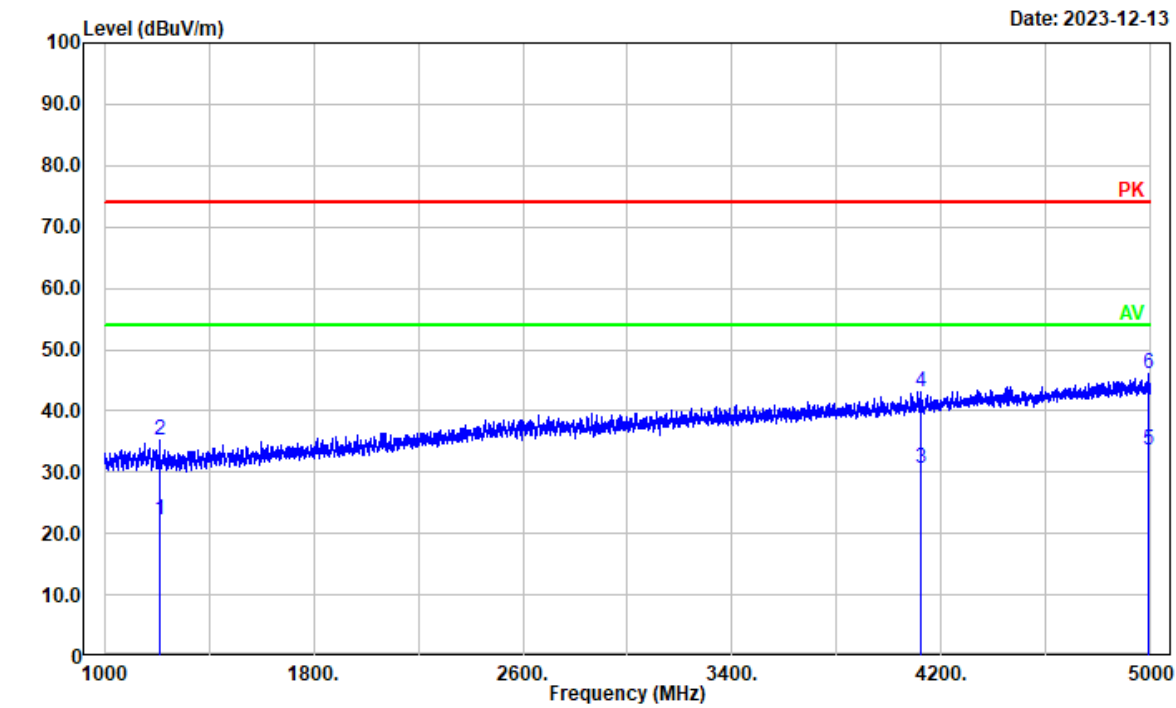
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(155)



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

1	2549.110	21.96	4.43	26.39	54.00	27.61	Average
2	2549.110	34.64	4.43	39.07	74.00	34.93	Peak
3	4146.229	21.98	8.57	30.55	54.00	23.45	Average
4	4146.229	34.84	8.57	43.41	74.00	30.59	Peak
5	4910.382	21.95	11.61	33.56	54.00	20.44	Average
6	4910.382	34.52	11.61	46.13	74.00	27.87	Peak

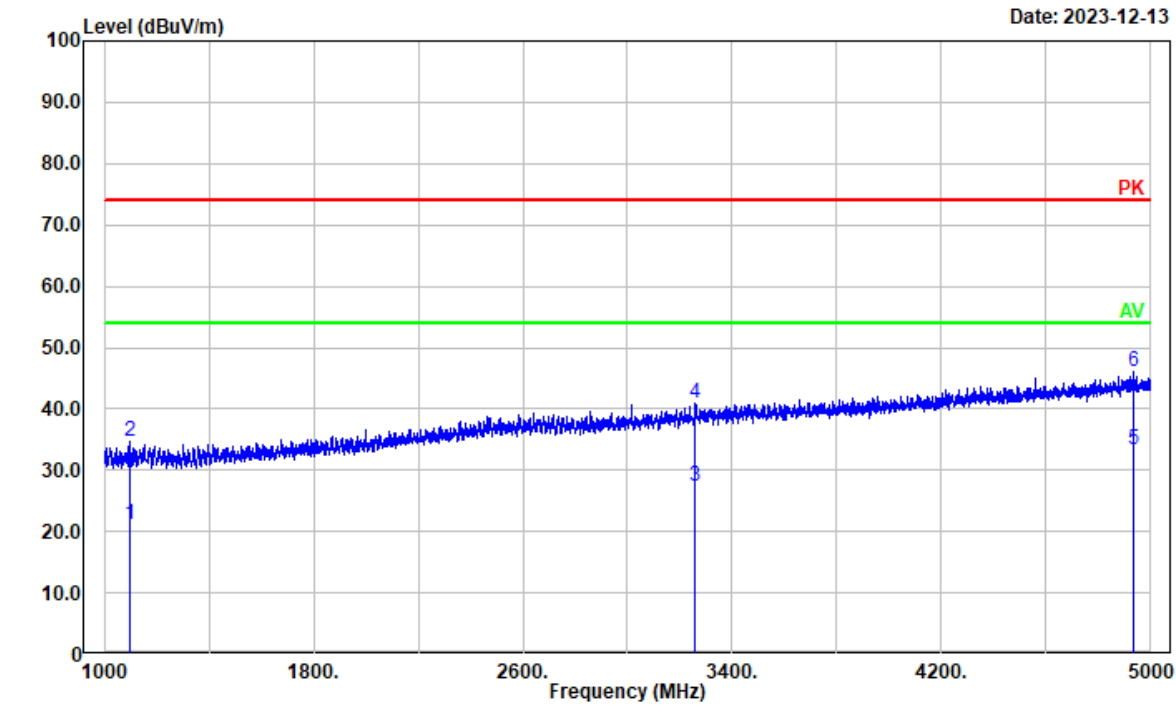
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(155)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1211.242	23.61	-1.26	22.35	54.00	31.65	Average
2	1211.242	36.44	-1.26	35.18	74.00	38.82	Peak
3	4123.024	21.94	8.57	30.51	54.00	23.49	Average
4	4123.024	34.57	8.57	43.14	74.00	30.86	Peak
5	4993.599	21.77	11.79	33.56	54.00	20.44	Average
6	4993.599	34.21	11.79	46.00	74.00	28.00	Peak

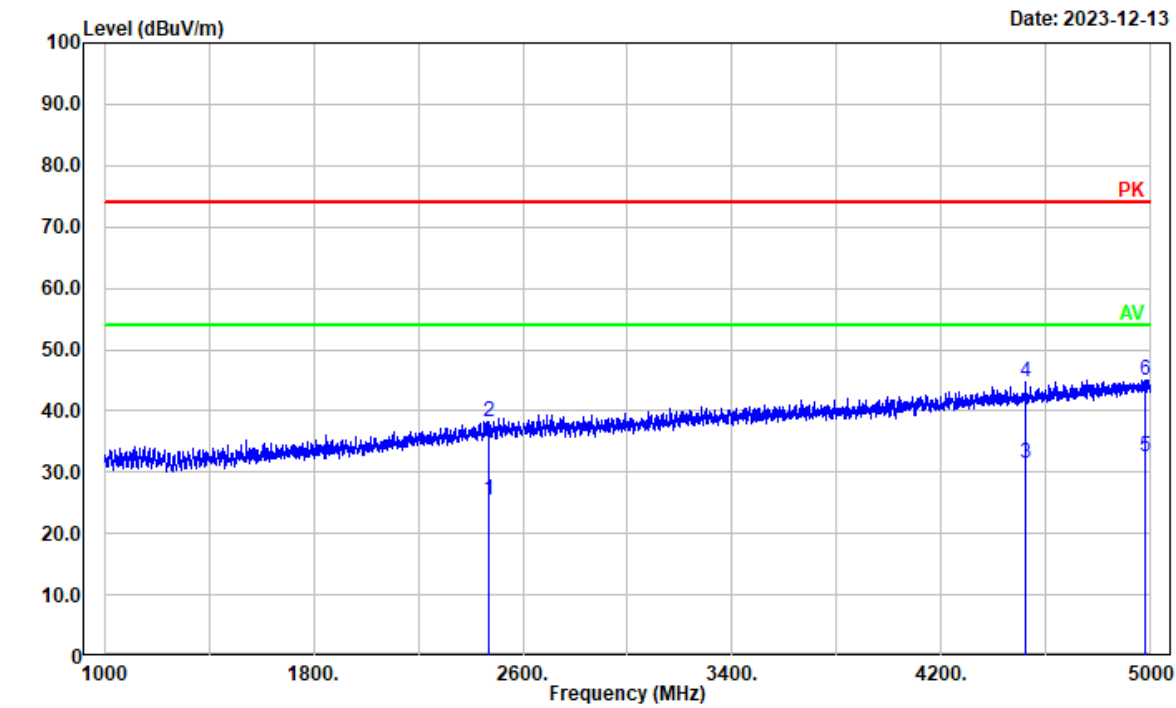
Test Mode: M2 (RX 173.9875MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(173.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1095.219	22.69	-1.44	21.25	54.00	32.75	Average
2	1095.219	36.11	-1.44	34.67	74.00	39.33	Peak
3	3258.852	21.14	6.22	27.36	54.00	26.64	Average
4	3258.852	34.62	6.22	40.84	74.00	33.16	Peak
5	4931.986	21.66	11.69	33.35	54.00	20.65	Average
6	4931.986	34.44	11.69	46.13	74.00	27.87	Peak

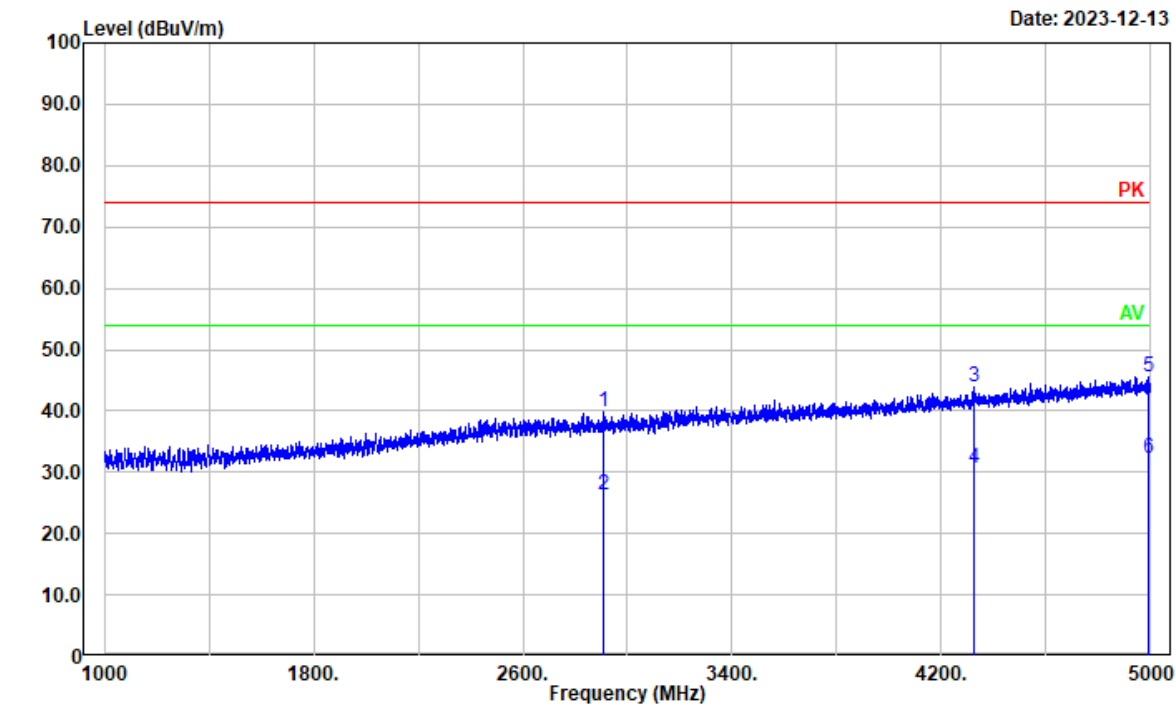
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(173.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2469.894	21.21	4.13	25.34	54.00	28.66	Average
2	2469.894	34.15	4.13	38.28	74.00	35.72	Peak
3	4522.305	21.43	9.92	31.35	54.00	22.65	Average
4	4522.305	34.76	9.92	44.68	74.00	29.32	Peak
5	4980.796	20.75	11.78	32.53	54.00	21.47	Average
6	4980.796	33.32	11.78	45.10	74.00	28.90	Peak

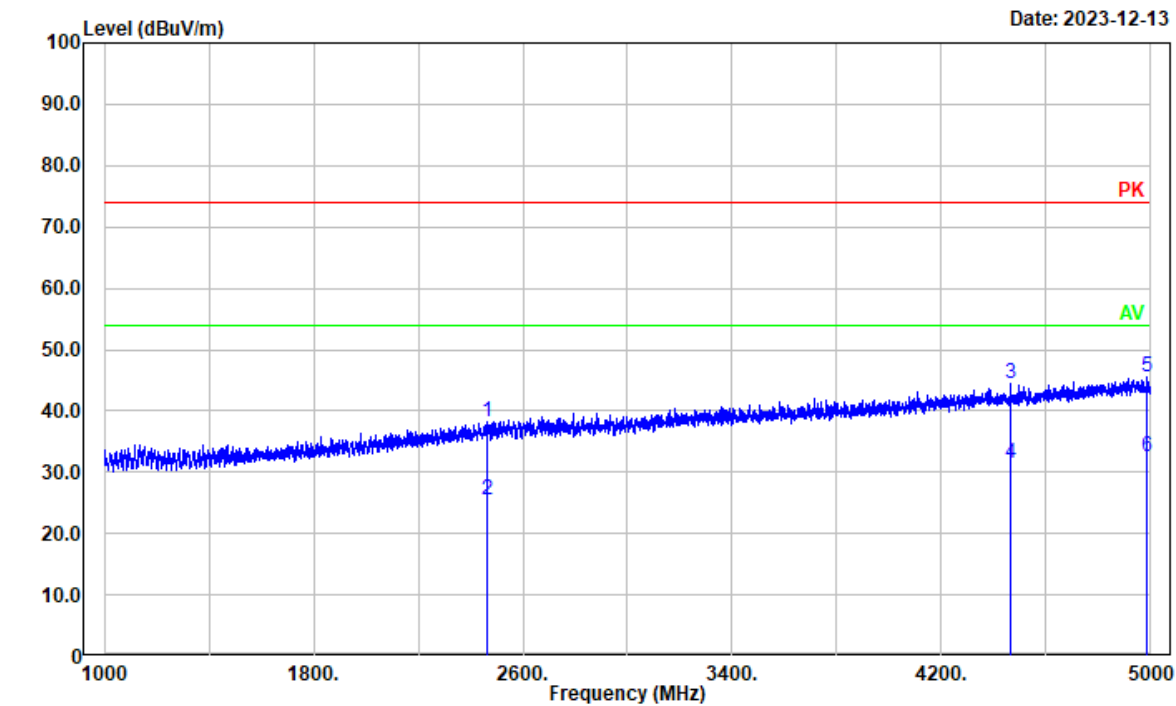
Test Mode: M2(RX 200.0125MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(200.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2909.982	34.58	5.19	39.77	74.00	34.23	Peak
2	2909.982	21.19	5.19	26.38	54.00	27.62	Average
3	4321.464	34.83	9.16	43.99	74.00	30.01	Peak
4	4321.464	21.38	9.16	30.54	54.00	23.46	Average
5	4990.398	33.75	11.78	45.53	74.00	28.47	Peak
6	4990.398	20.52	11.78	32.30	54.00	21.70	Average

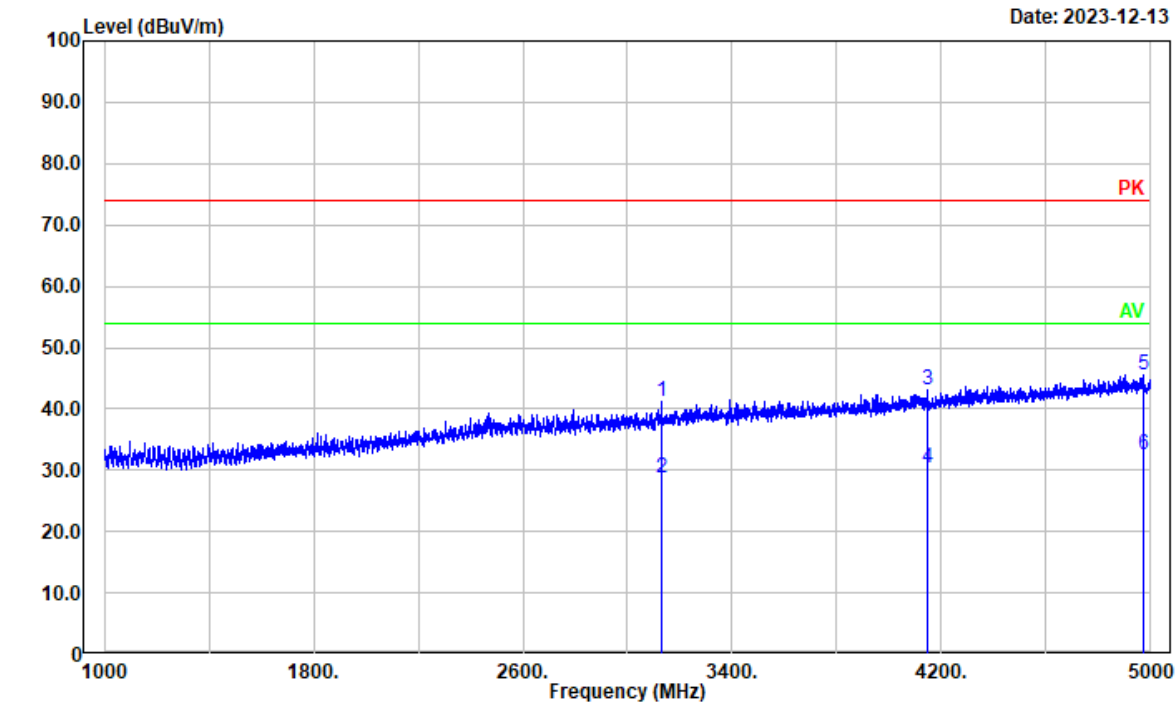
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(200.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2461.892	34.21	4.10	38.31	74.00	35.69	Peak
2	2461.892	21.28	4.10	25.38	54.00	28.62	Average
3	4466.293	34.74	9.67	44.41	74.00	29.59	Peak
4	4466.293	21.69	9.67	31.36	54.00	22.64	Average
5	4983.997	33.71	11.78	45.49	74.00	28.51	Peak
6	4983.997	20.69	11.78	32.47	54.00	21.53	Average

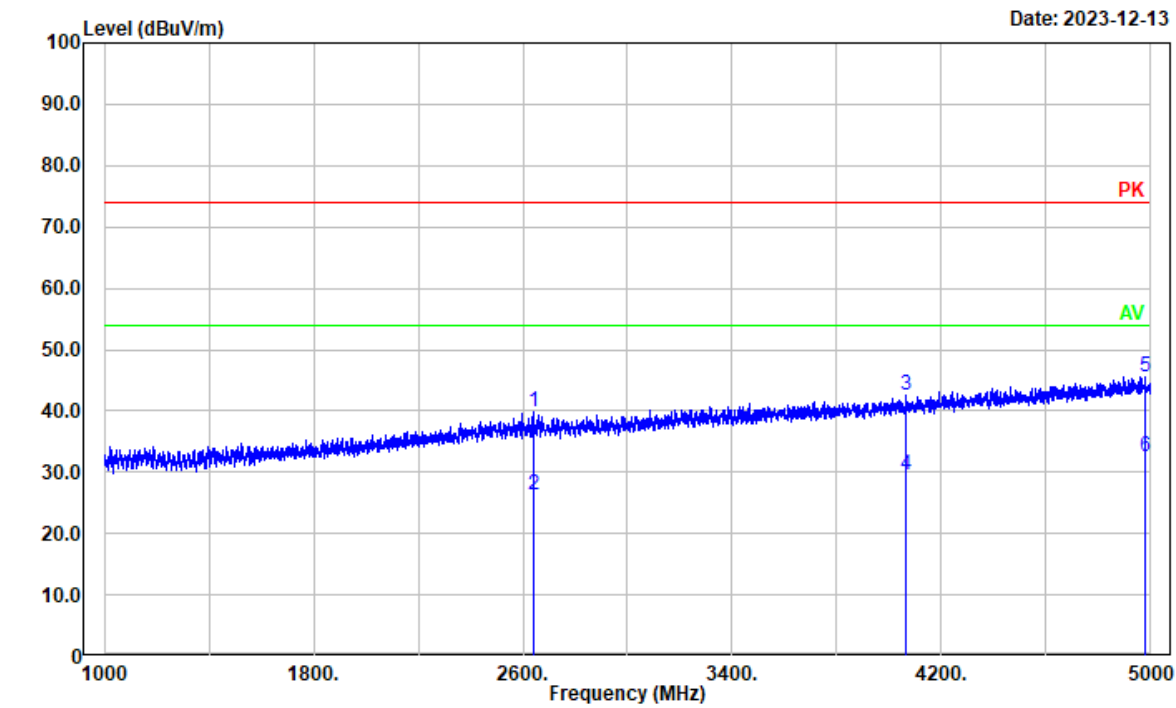
Test Mode: M2 (RX 230MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(230)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3129.226	35.32	5.82	41.14	74.00	32.86	Peak
2	3129.226	22.81	5.82	28.63	54.00	25.37	Average
3	4147.029	34.60	8.57	43.17	74.00	30.83	Peak
4	4147.029	21.75	8.57	30.32	54.00	23.68	Average
5	4971.995	33.68	11.78	45.46	74.00	28.54	Peak
6	4971.995	20.81	11.78	32.59	54.00	21.41	Average

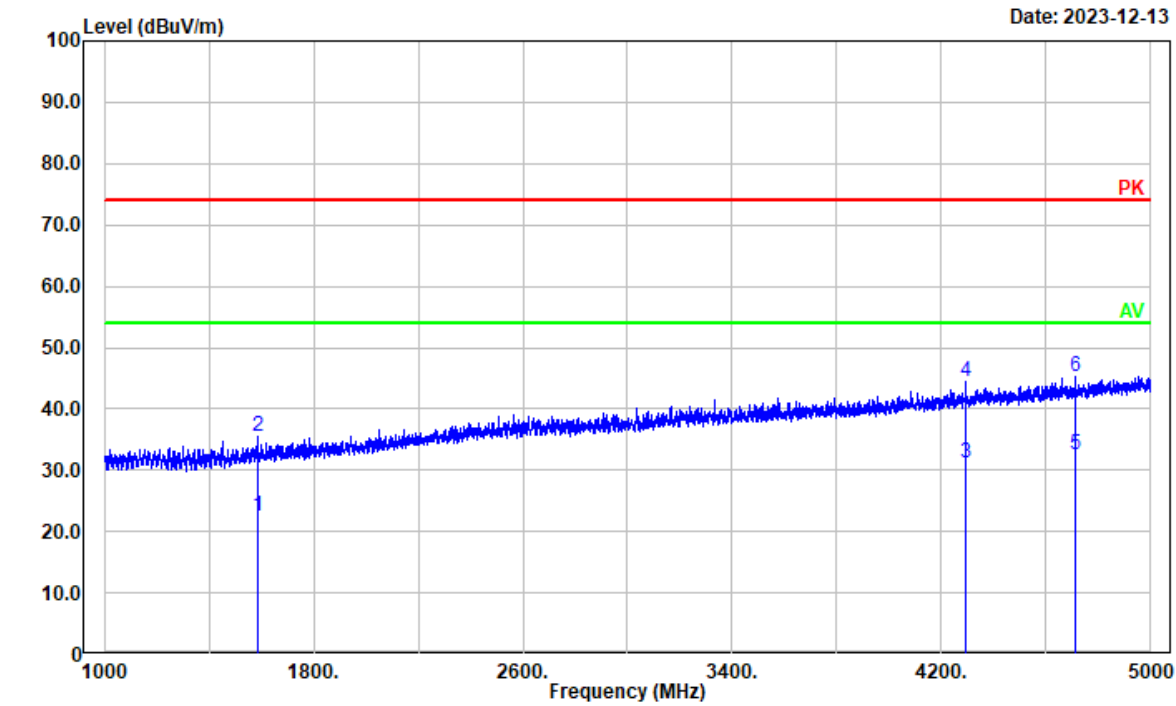
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(230)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2638.728	35.18	4.64	39.82	74.00	34.18	Peak
2	2638.728	21.75	4.64	26.39	54.00	27.61	Average
3	4065.413	34.15	8.40	42.55	74.00	31.45	Peak
4	4065.413	21.27	8.40	29.67	54.00	24.33	Average
5	4979.996	33.82	11.79	45.61	74.00	28.39	Peak
6	4979.996	20.76	11.79	32.55	54.00	21.45	Average

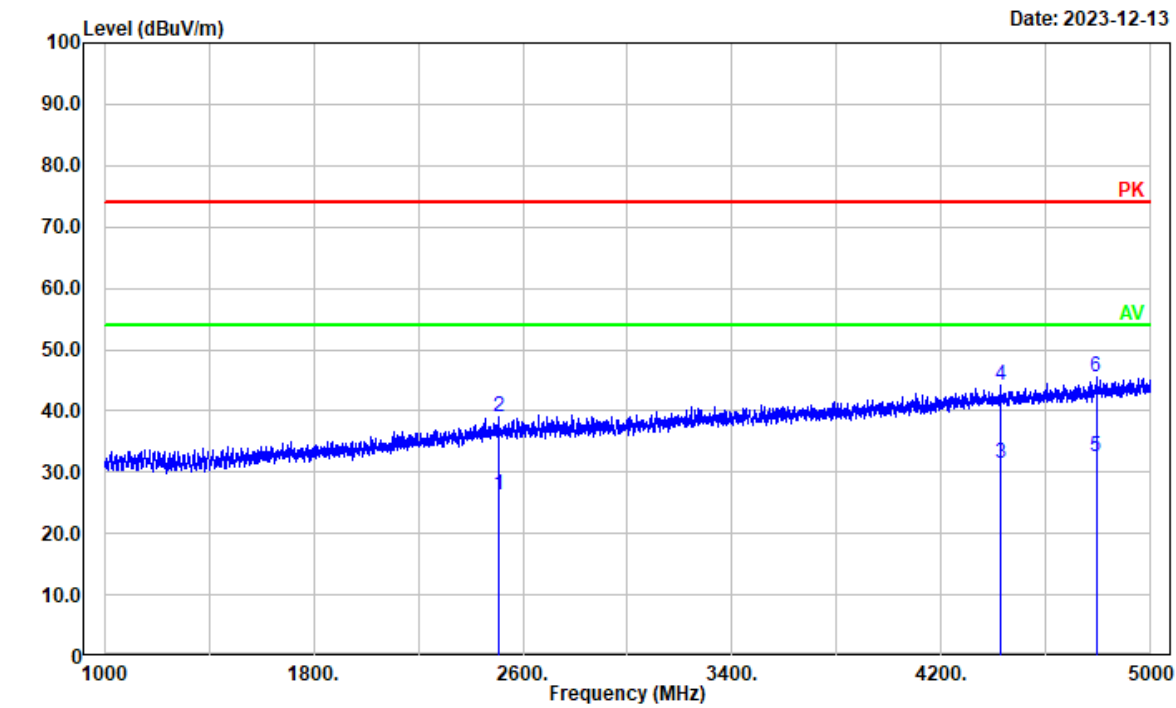
Test Mode: M2 (RX 259.9875MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(259.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1586.517	22.65	-0.29	22.36	54.00	31.64	Average
2	1586.517	35.86	-0.29	35.57	74.00	38.43	Peak
3	4293.458	22.20	9.05	31.25	54.00	22.75	Average
4	4293.458	35.26	9.05	44.31	74.00	29.69	Peak
5	4709.542	21.97	10.68	32.65	54.00	21.35	Average
6	4709.542	34.63	10.68	45.31	74.00	28.69	Peak

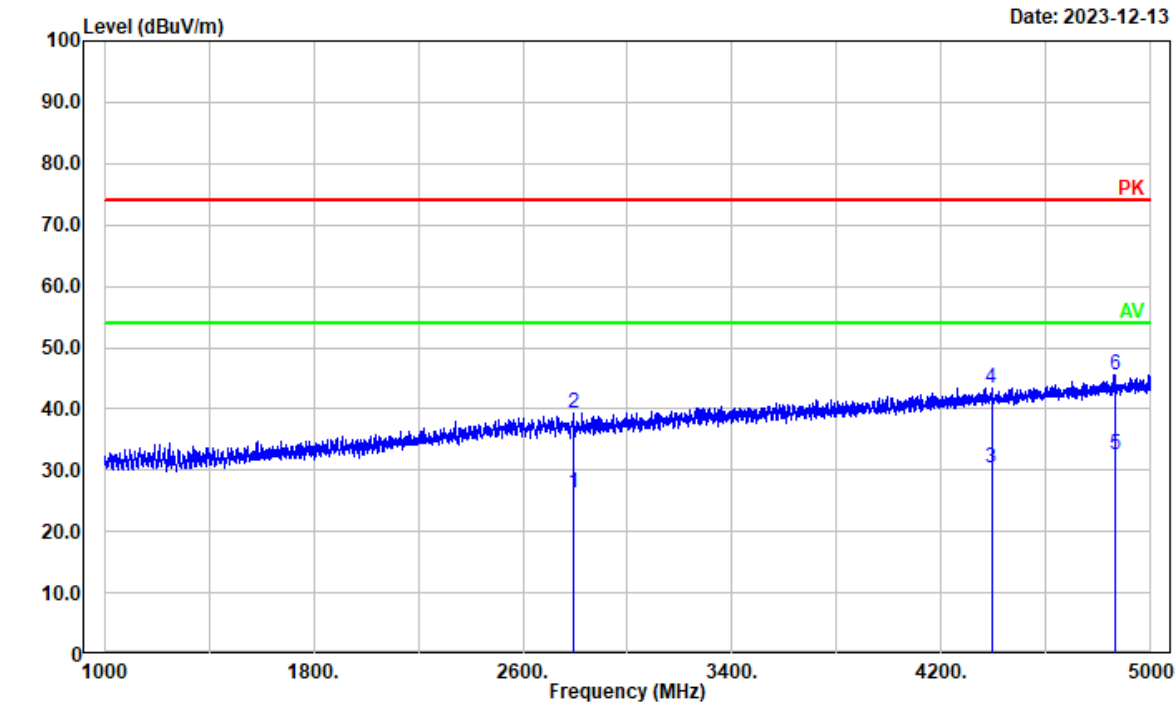
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(259.9875)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2506.701	22.13	4.25	26.38	54.00	27.62	Average
2	2506.701	34.80	4.25	39.05	74.00	34.95	Peak
3	4427.886	21.91	9.53	31.44	54.00	22.56	Average
4	4427.886	34.55	9.53	44.08	74.00	29.92	Peak
5	4791.158	21.38	11.14	32.52	54.00	21.48	Average
6	4791.158	34.26	11.14	45.40	74.00	28.60	Peak

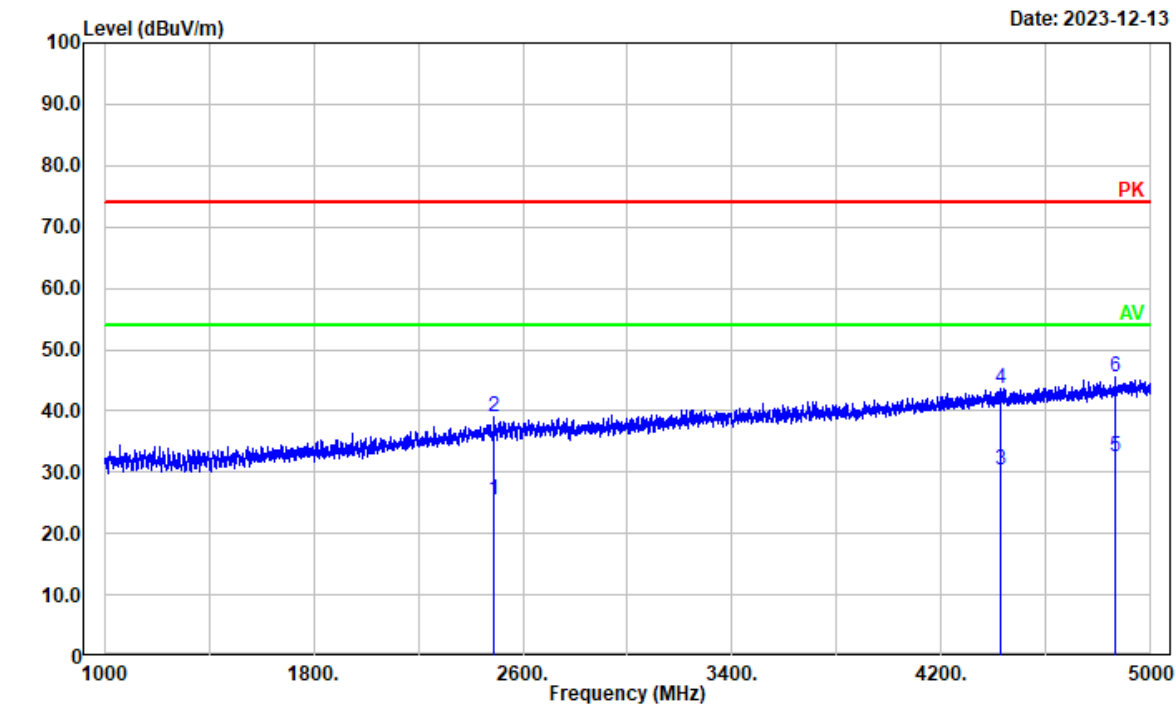
Test Mode: M2 (RX 350.0125MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(350.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2791.558	21.47	4.91	26.38	54.00	27.62	Average
2	2791.558	34.48	4.91	39.39	74.00	34.61	Peak
3	4391.078	20.86	9.41	30.27	54.00	23.73	Average
4	4391.078	34.07	9.41	43.48	74.00	30.52	Peak
5	4863.973	21.12	11.40	32.52	54.00	21.48	Average
6	4863.973	34.23	11.40	45.63	74.00	28.37	Peak

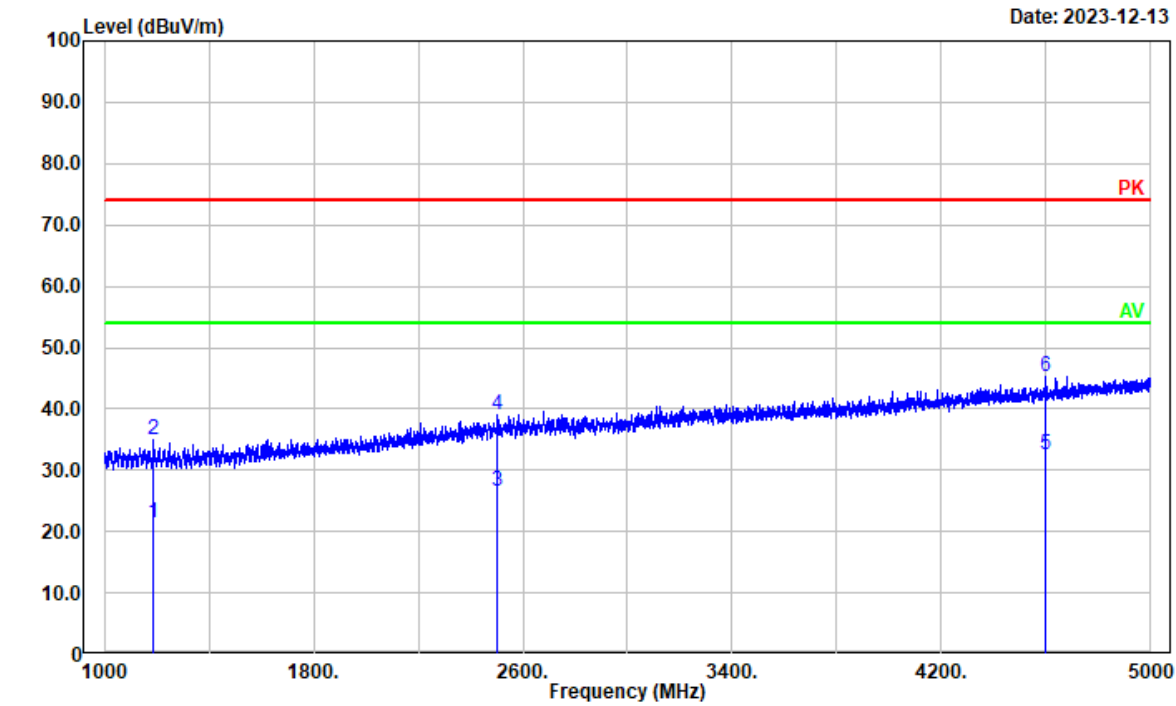
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(350.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2489.898	21.27	4.20	25.47	54.00	28.53	Average
2	2489.898	34.73	4.20	38.93	74.00	35.07	Peak
3	4425.485	20.83	9.53	30.36	54.00	23.64	Average
4	4425.485	34.09	9.53	43.62	74.00	30.38	Peak
5	4867.173	21.14	11.41	32.55	54.00	21.45	Average
6	4867.173	34.10	11.41	45.51	74.00	28.49	Peak

Test Mode: M2 (RX 370MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(370)

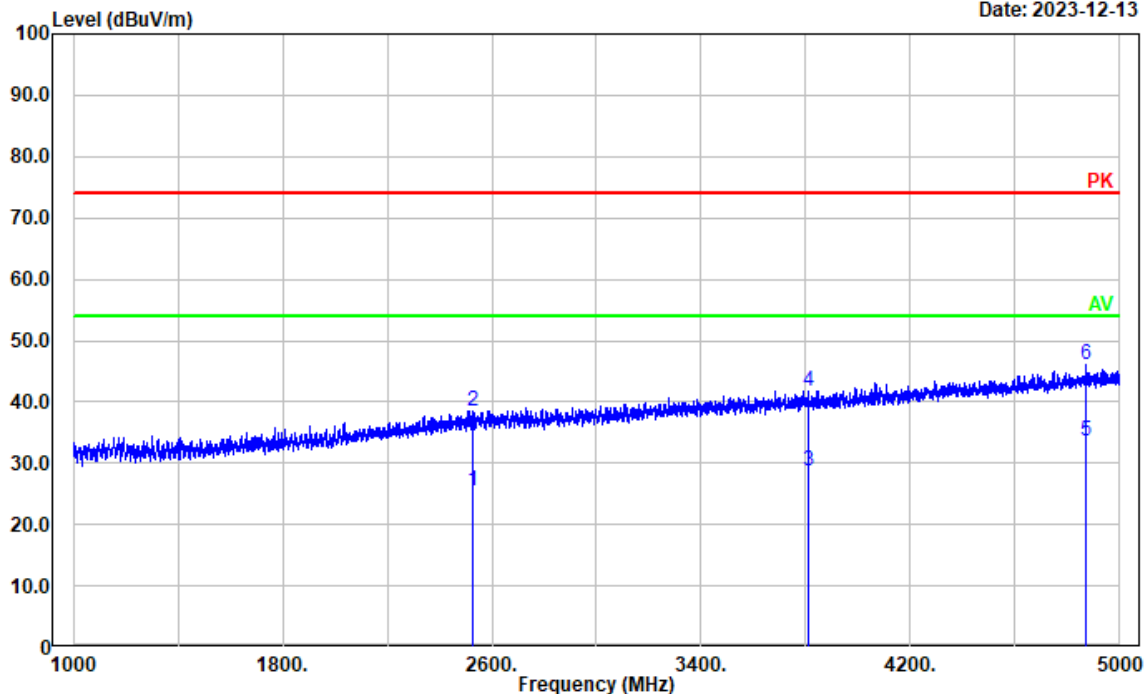


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector

1	1188.838	22.76	-1.24	21.52	54.00	32.48	Average
2	1188.838	36.22	-1.24	34.98	74.00	39.02	Peak
3	2504.301	22.39	4.24	26.63	54.00	27.37	Average
4	2504.301	34.76	4.24	39.00	74.00	35.00	Peak
5	4599.120	22.22	10.33	32.55	54.00	21.45	Average
6	4599.120	34.93	10.33	45.26	74.00	28.74	Peak

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(370)

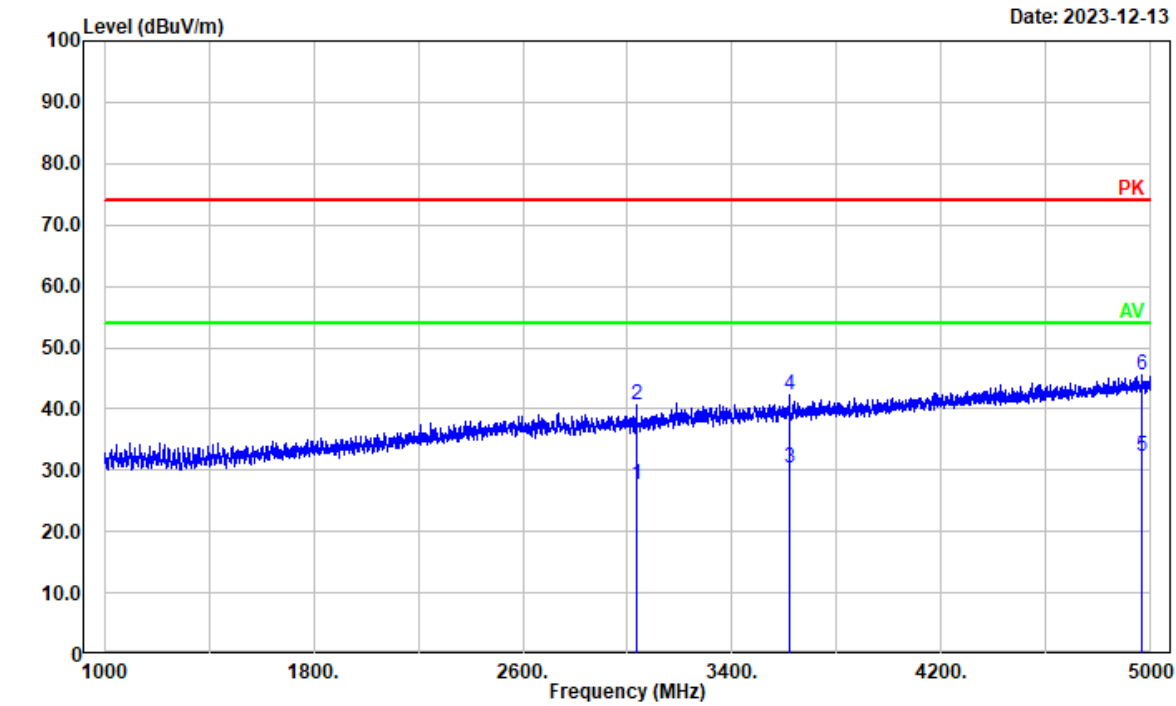
Date: 2023-12-13



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2524.305	21.04	4.32	25.36	54.00	28.64	Average
2	2524.305	34.20	4.32	38.52	74.00	35.48	Peak
3	3807.761	21.00	7.77	28.77	54.00	25.23	Average
4	3807.761	34.08	7.77	41.85	74.00	32.15	Peak
5	4869.574	22.23	11.42	33.65	54.00	20.35	Average
6	4869.574	34.69	11.42	46.11	74.00	27.89	Peak

Test Mode: M2 (RX 389.9875MHz)

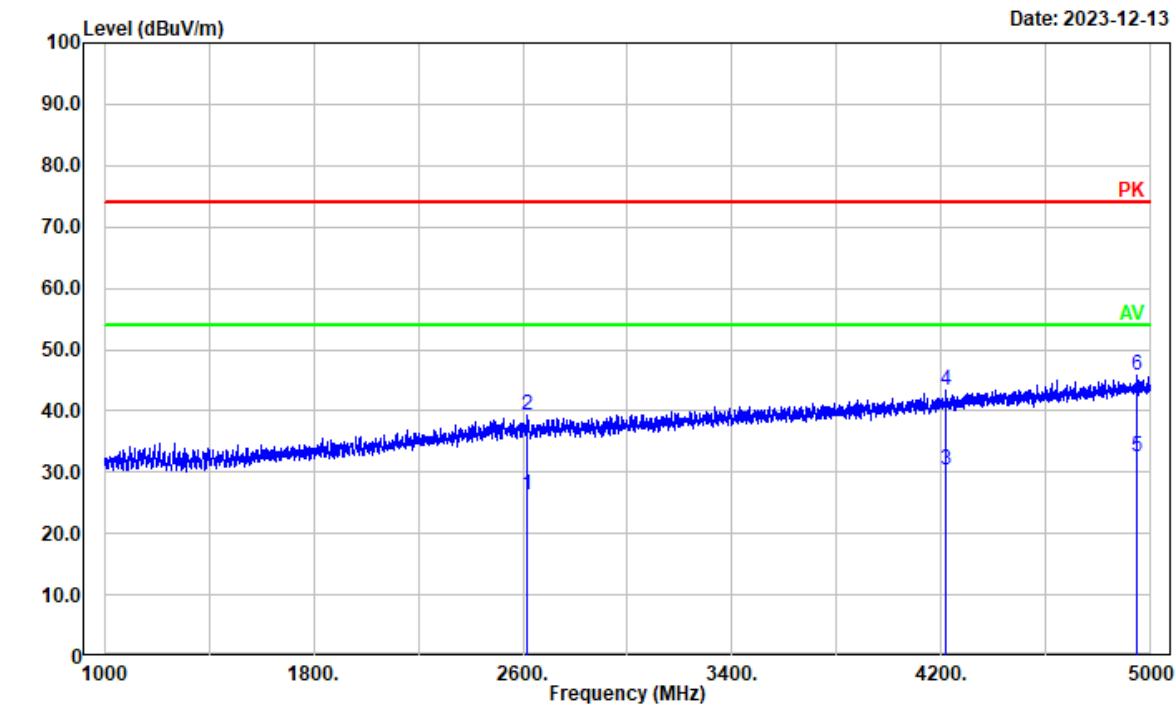
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(389.9875)



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

1	3035.607	22.15	5.48	27.63	54.00	26.37	Average
2	3035.607	35.20	5.48	40.68	74.00	33.32	Peak
3	3618.924	23.09	7.19	30.28	54.00	23.72	Average
4	3618.924	35.00	7.19	42.19	74.00	31.81	Peak
5	4963.993	20.53	11.77	32.30	54.00	21.70	Average
6	4963.993	33.68	11.77	45.45	74.00	28.55	Peak

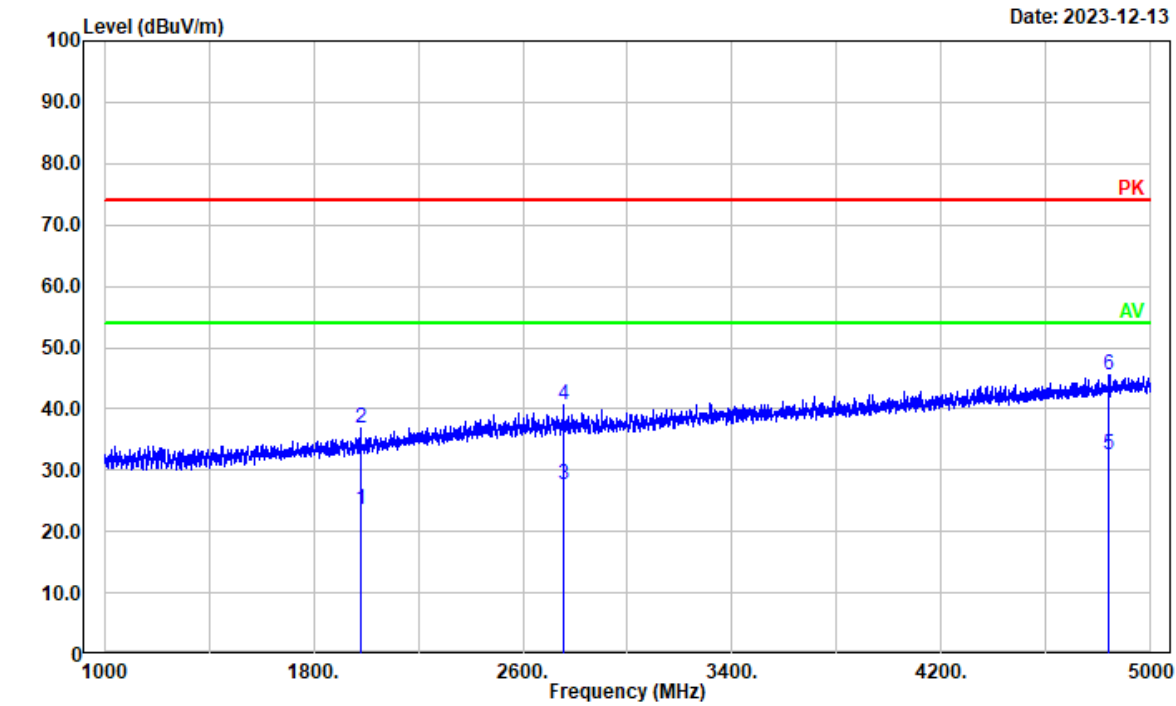
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(389.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2618.724	21.76	4.61	26.37	54.00	27.63	Average
2	2618.724	34.60	4.61	39.21	74.00	34.79	Peak
3	4215.843	21.53	8.92	30.45	54.00	23.55	Average
4	4215.843	34.40	8.92	43.32	74.00	30.68	Peak
5	4947.189	20.80	11.75	32.55	54.00	21.45	Average
6	4947.189	34.07	11.75	45.82	74.00	28.18	Peak

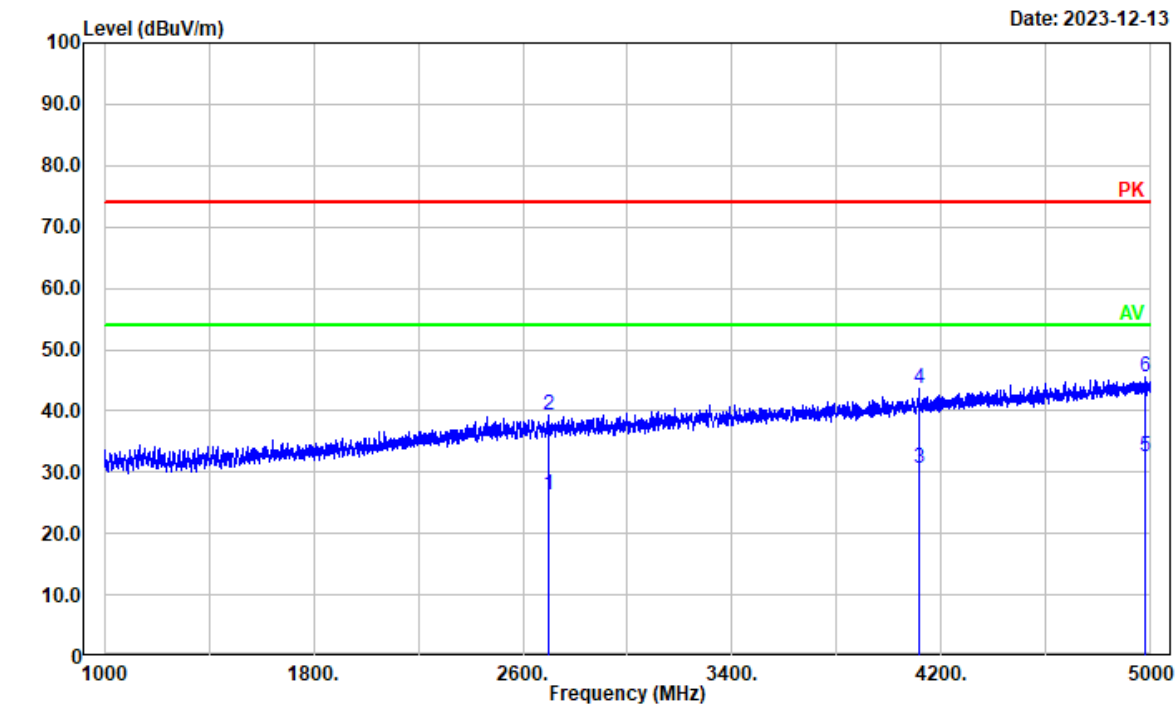
Test Mode: M2 (RX400.0125MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(400.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1980.996	22.28	1.26	23.54	54.00	30.46	Average
2	1980.996	35.56	1.26	36.82	74.00	37.18	Peak
3	2753.151	22.75	4.88	27.63	54.00	26.37	Average
4	2753.151	35.85	4.88	40.73	74.00	33.27	Peak
5	4839.968	21.25	11.31	32.56	54.00	21.44	Average
6	4839.968	34.34	11.31	45.65	74.00	28.35	Peak

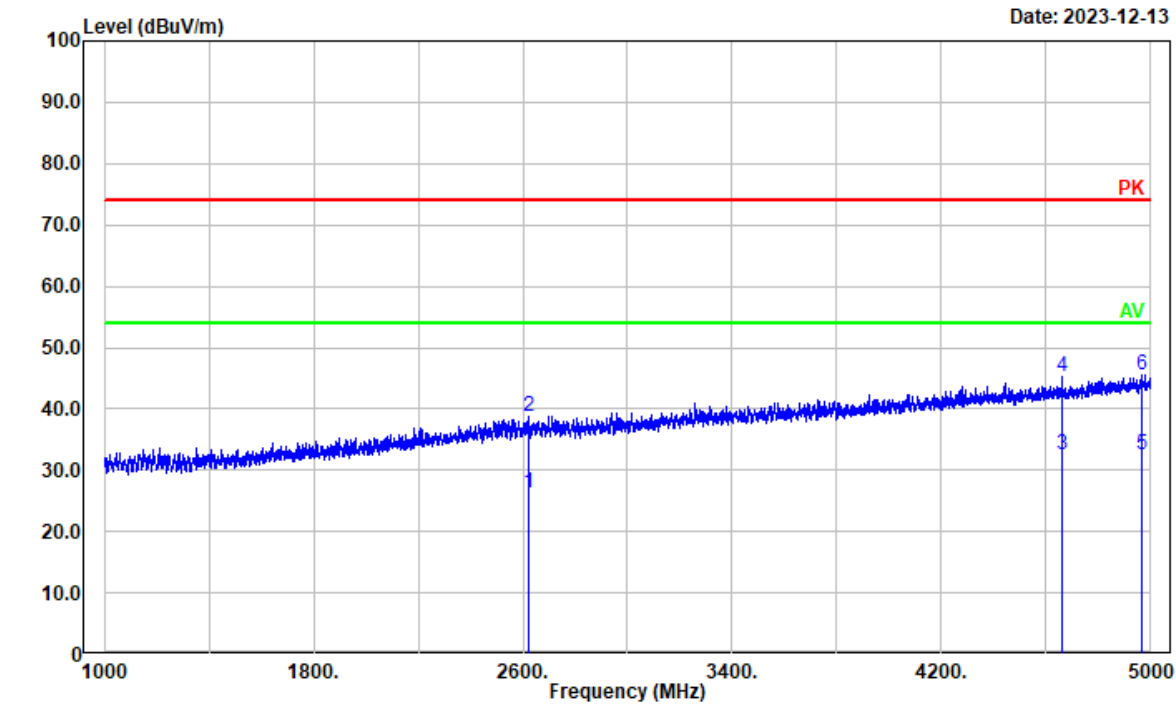
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(400.0125)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2695.539	21.61	4.78	26.39	54.00	27.61	Average
2	2695.539	34.40	4.78	39.18	74.00	34.82	Peak
3	4115.023	21.96	8.58	30.54	54.00	23.46	Average
4	4115.023	34.92	8.58	43.50	74.00	30.50	Peak
5	4979.996	20.76	11.79	32.55	54.00	21.45	Average
6	4979.996	33.75	11.79	45.54	74.00	28.46	Peak

Test Mode: M2 (RX 460MHz)

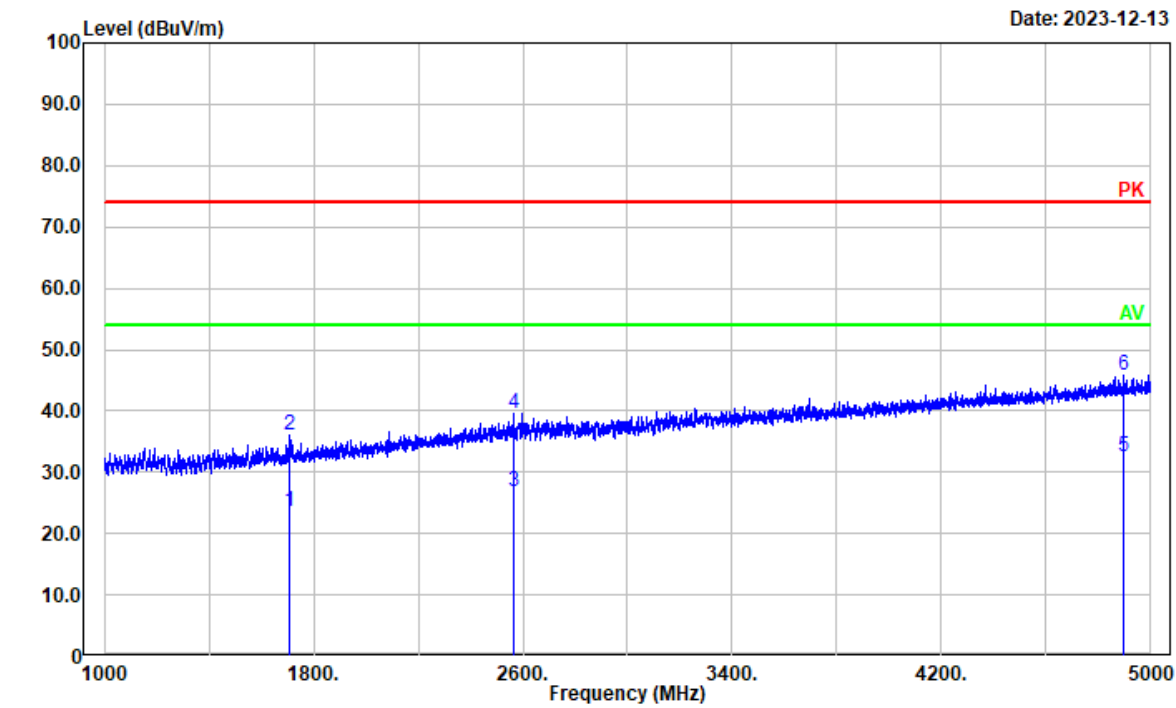
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(460)



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

1	2624.325	21.76	4.62	26.38	54.00	27.62	Average
2	2624.325	34.20	4.62	38.82	74.00	35.18	Peak
3	4661.532	21.98	10.55	32.53	54.00	21.47	Average
4	4661.532	34.80	10.55	45.35	74.00	28.65	Peak
5	4964.793	20.79	11.78	32.57	54.00	21.43	Average
6	4964.793	33.71	11.78	45.49	74.00	28.51	Peak

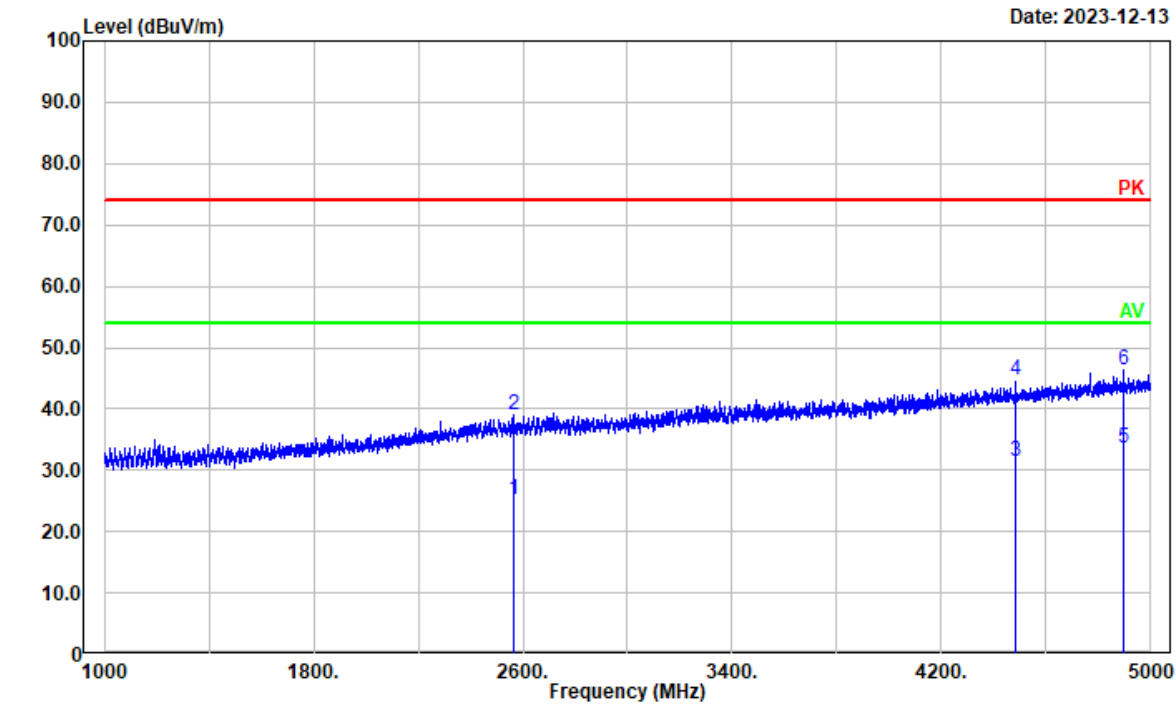
Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(460)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1710.542	23.50	0.18	23.68	54.00	30.32	Average
2	1710.542	35.82	0.18	36.00	74.00	38.00	Peak
3	2563.513	22.24	4.47	26.71	54.00	27.29	Average
4	2563.513	35.09	4.47	39.56	74.00	34.44	Peak
5	4895.979	20.91	11.56	32.47	54.00	21.53	Average
6	4895.979	34.37	11.56	45.93	74.00	28.07	Peak

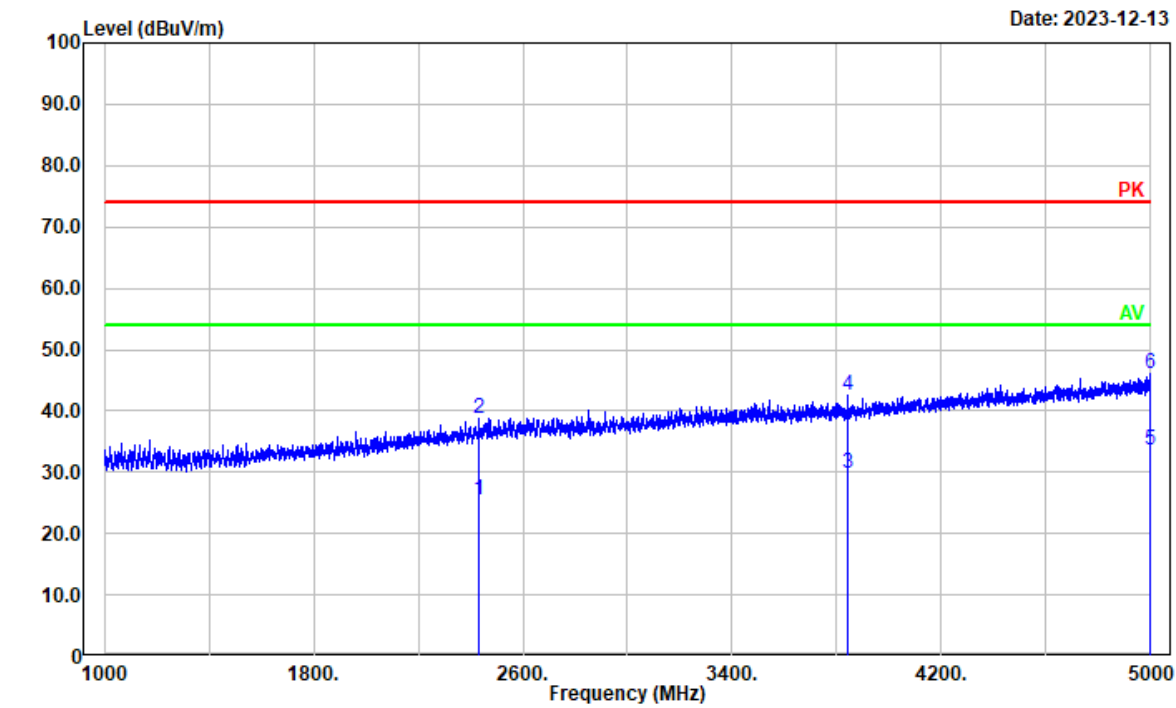
Test Mode: M2 (RX 519.9875MHz)

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: horizontal
Note: Charging&Receiving(519.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2565.913	20.85	4.48	25.33	54.00	28.67	Average
2	2565.913	34.46	4.48	38.94	74.00	35.06	Peak
3	4483.897	21.73	9.74	31.47	54.00	22.53	Average
4	4483.897	34.84	9.74	44.58	74.00	29.42	Peak
5	4895.179	22.08	11.54	33.62	54.00	20.38	Average
6	4895.179	34.81	11.54	46.35	74.00	27.65	Peak

Project No.: CR231165353-RF
Tester: Tao Zhu
Polarization: vertical
Note: Charging&Receiving(519.9875)



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2430.686	21.42	3.97	25.39	54.00	28.61	Average
2	2430.686	34.69	3.97	38.66	74.00	35.34	Peak
3	3840.568	22.11	7.76	29.87	54.00	24.13	Average
4	3840.568	34.69	7.76	42.45	74.00	31.55	Peak
5	4996.799	21.76	11.78	33.54	54.00	20.46	Average
6	4996.799	34.36	11.78	46.14	74.00	27.86	Peak

4.3 Antenna Power Conduction Limits for Receivers

Serial Number:	2D99-1	Test Date:	2023/11/15
Test Site:	RF	Test Mode:	Scanning, Receiving
Tester:	Morpheus Shi	Test Result:	Pass

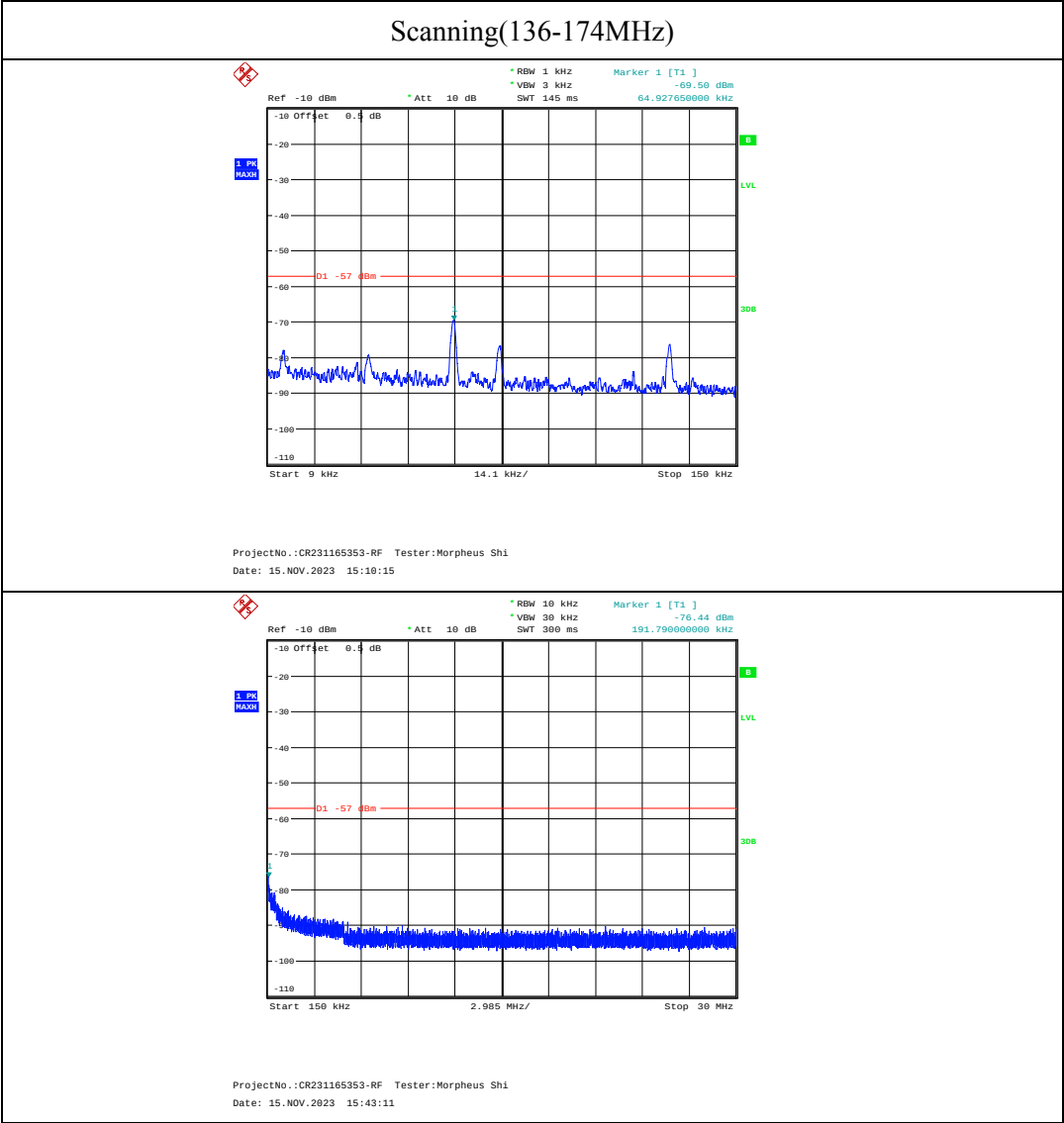
Environmental Conditions:					
Temperature: (°C)	24	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.7

Test Equipment List and Details:

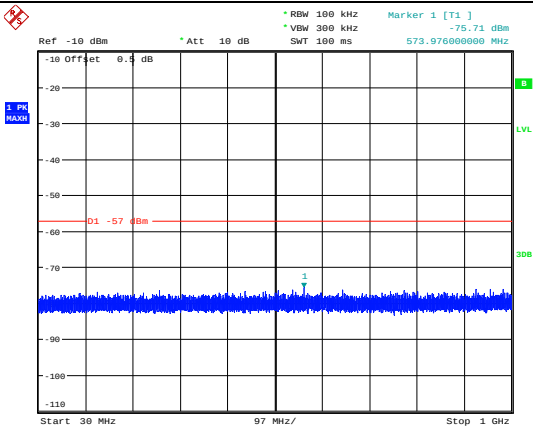
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU26	200445	2023/3/31	2024/3/30
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

** 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).*

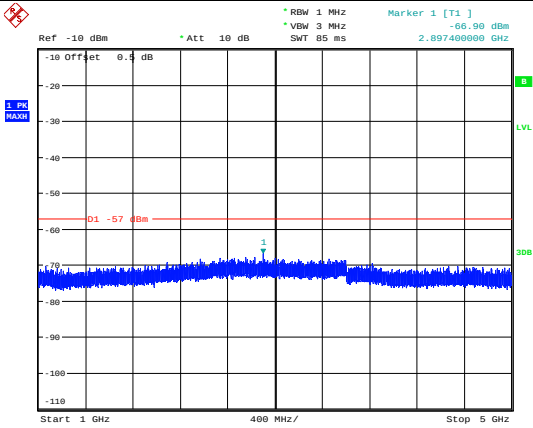
Test Mode: M1



Scanning(136-174MHz)

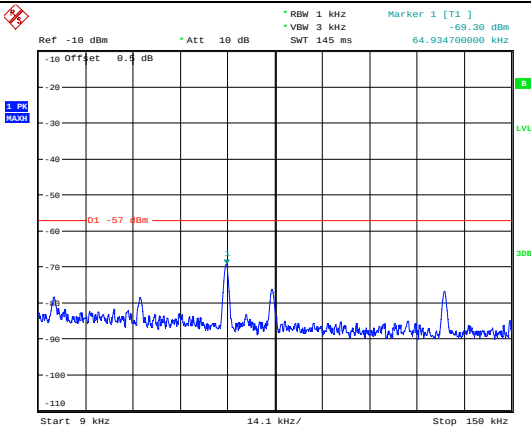


ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:03:00

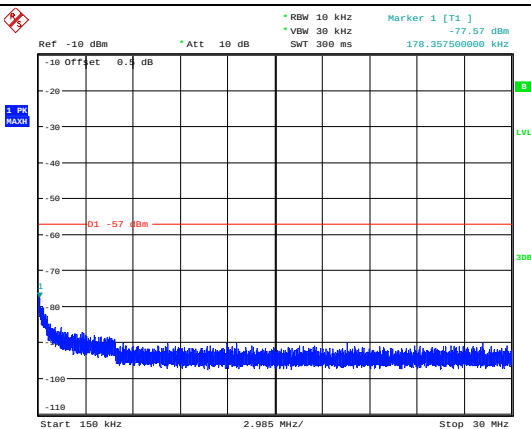


ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:32:29

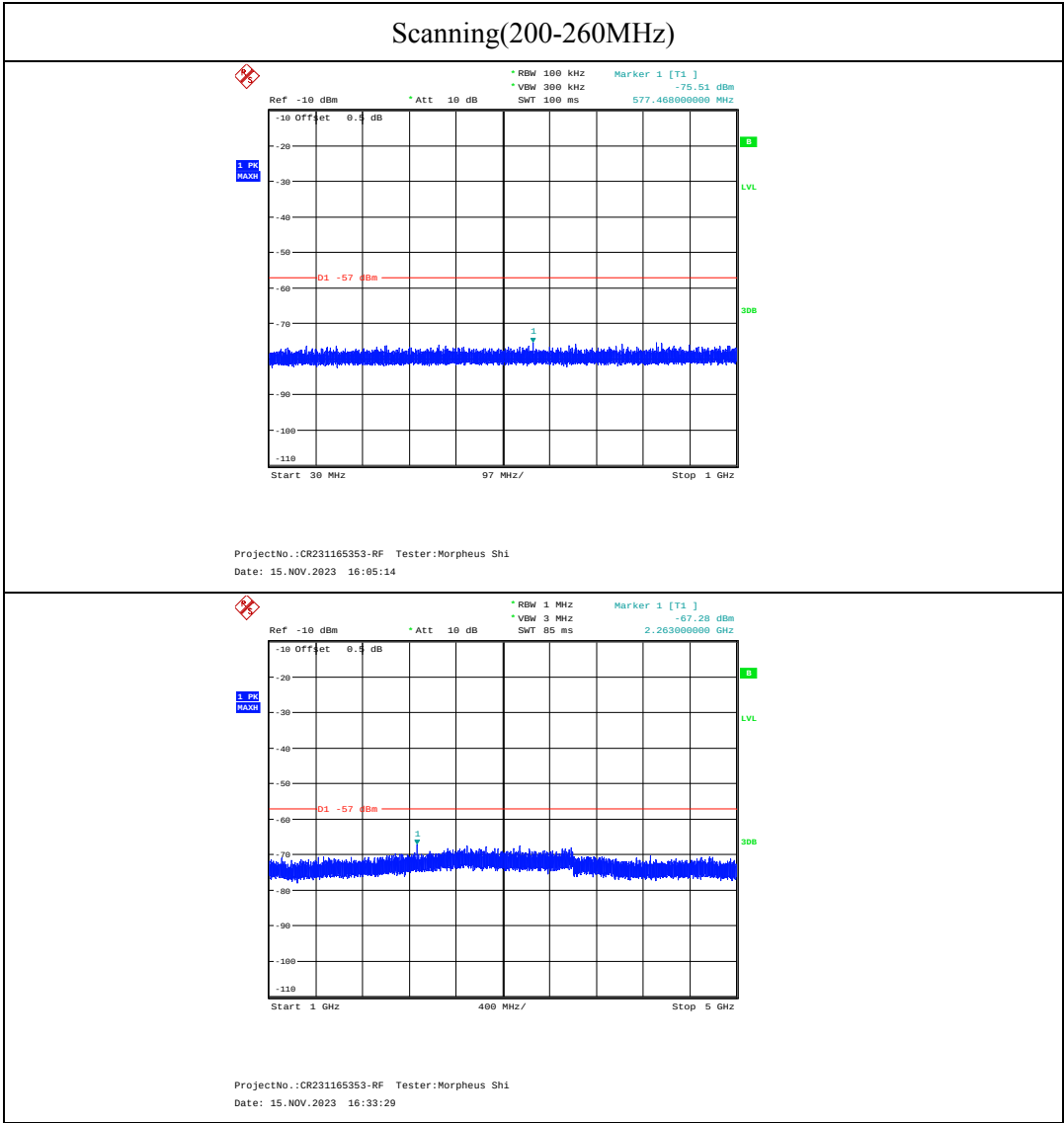
Scanning(200-260MHz)

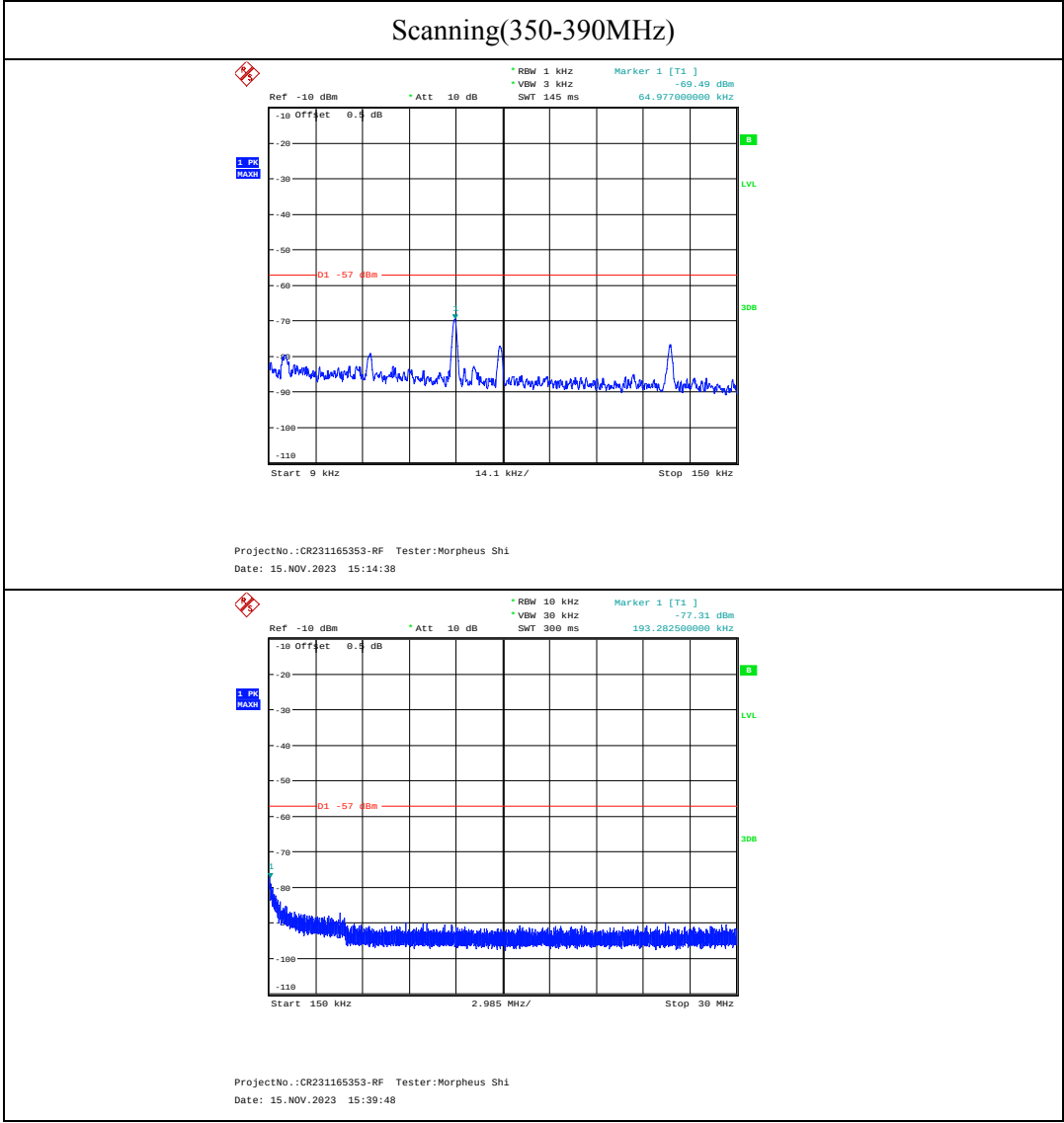


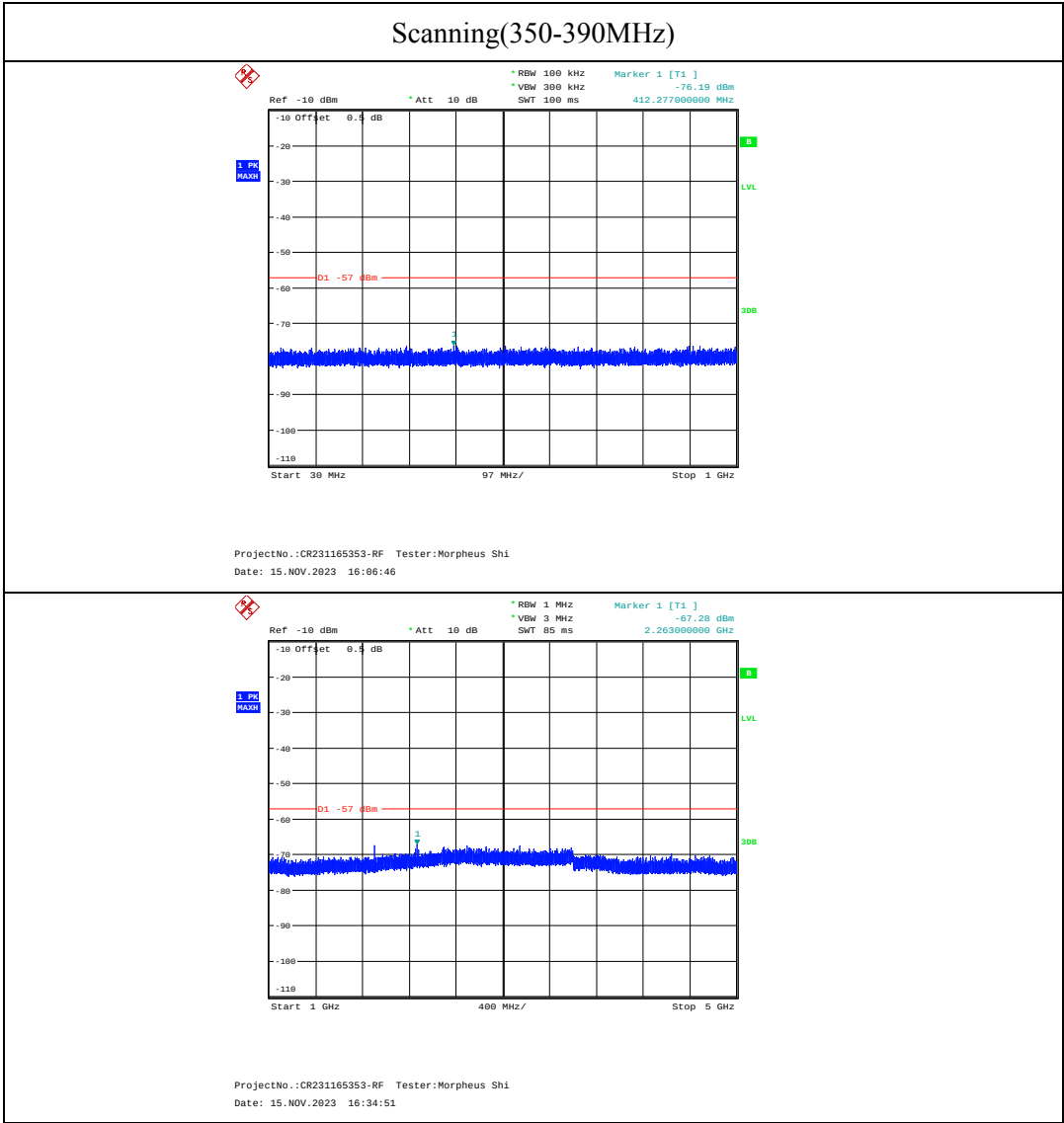
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 15:13:33



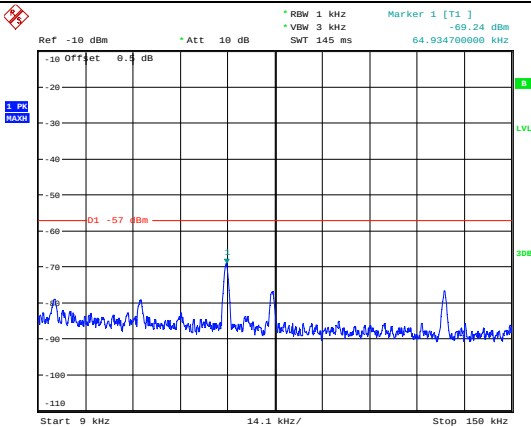
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 15:38:30



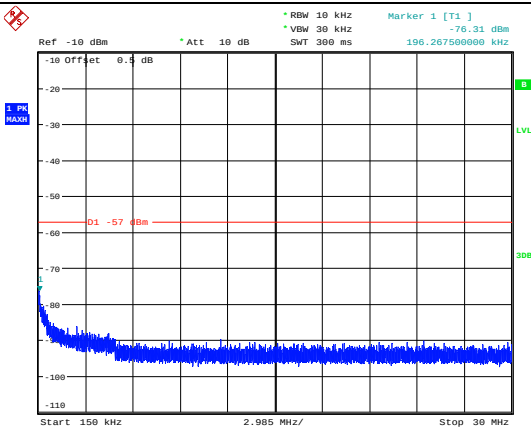




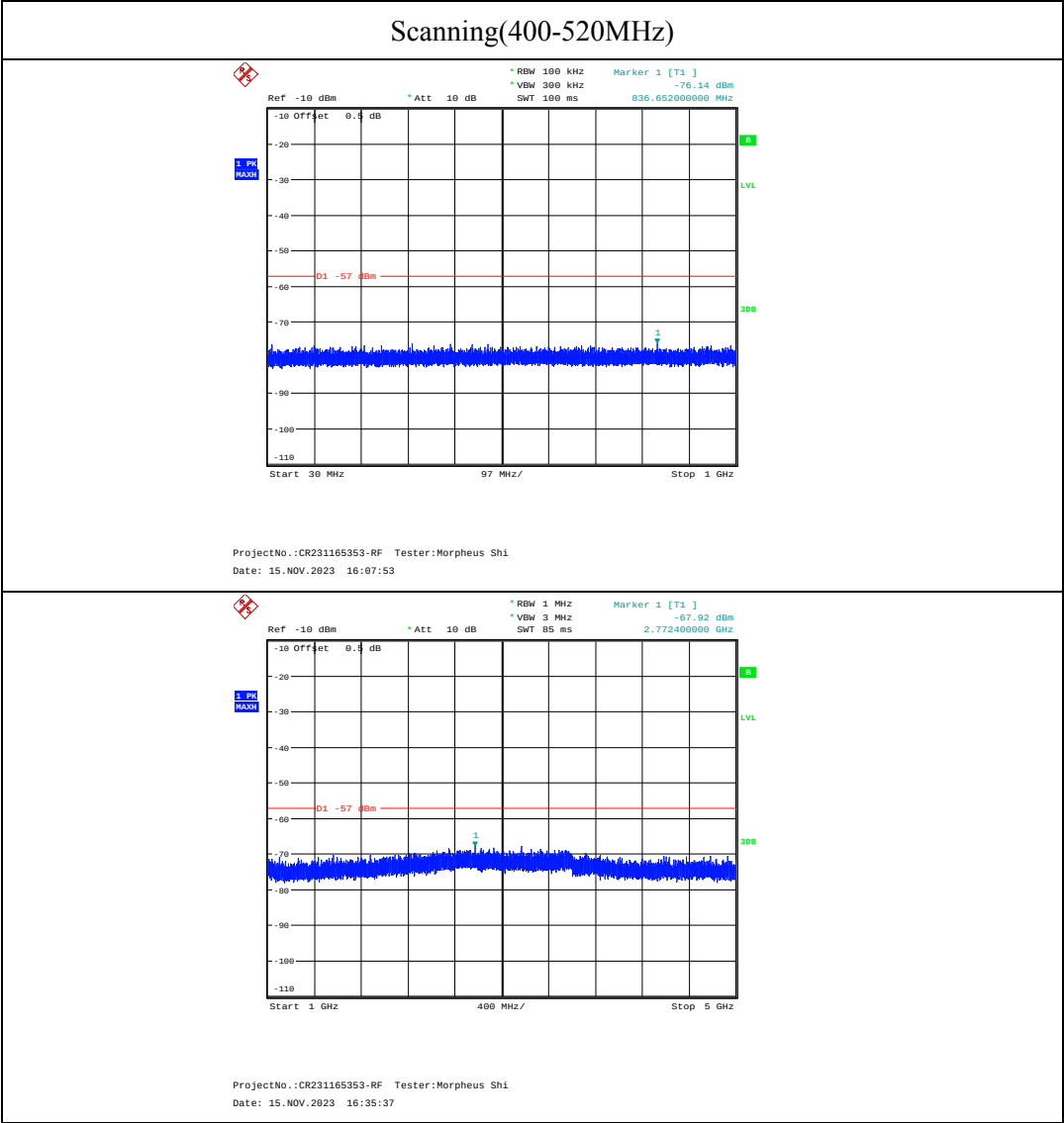
Scanning(400-520MHz)



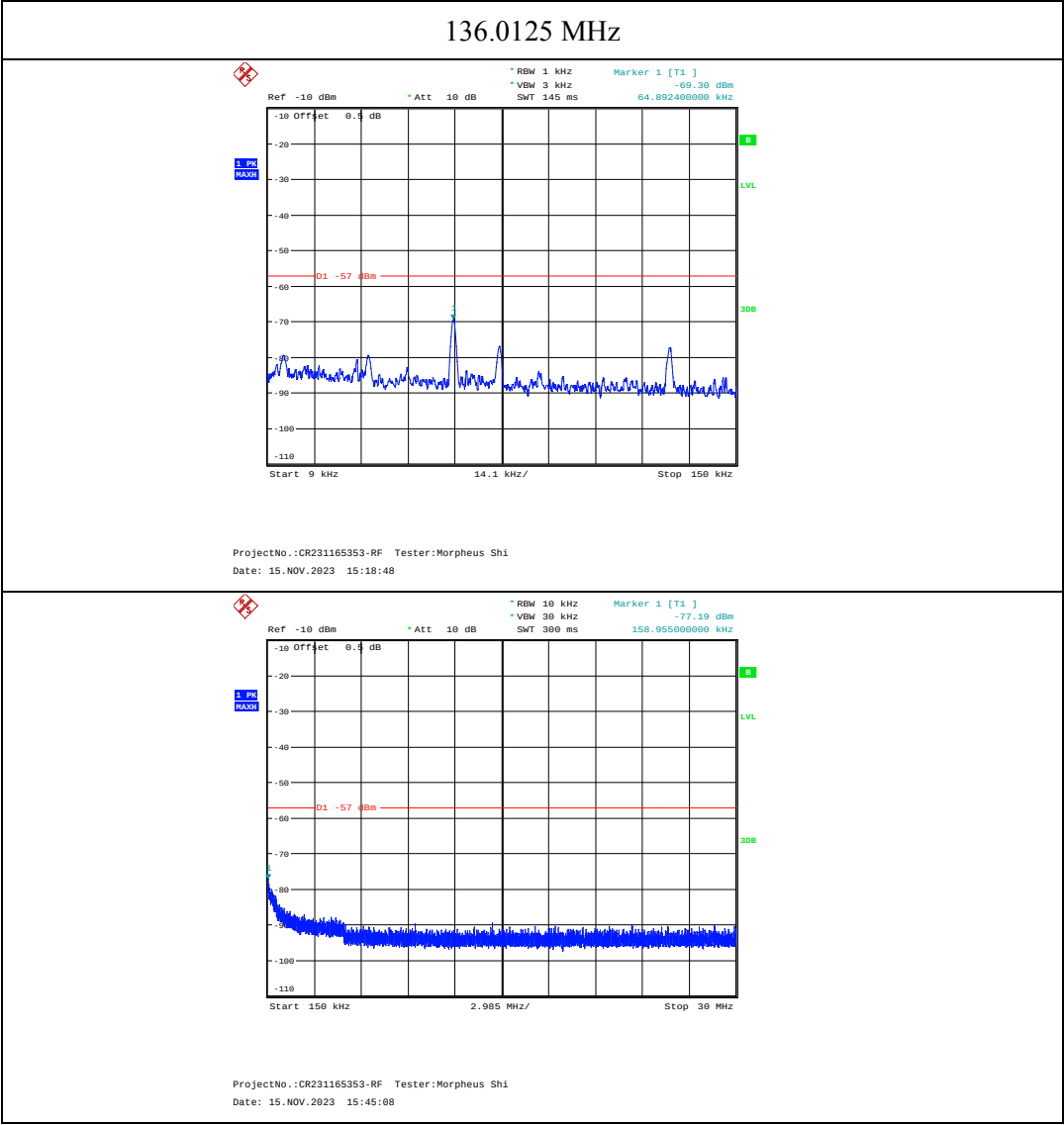
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 15:17:59



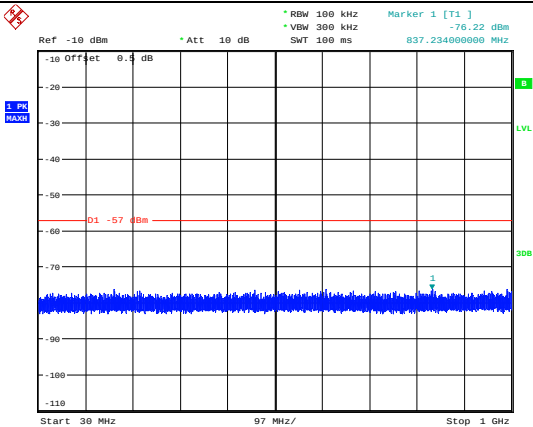
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 15:41:36



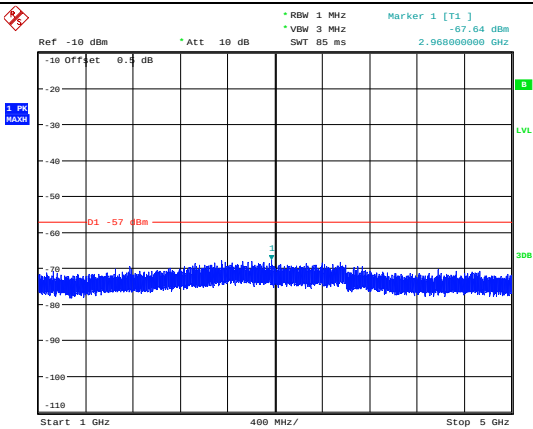
Test Mode: M2



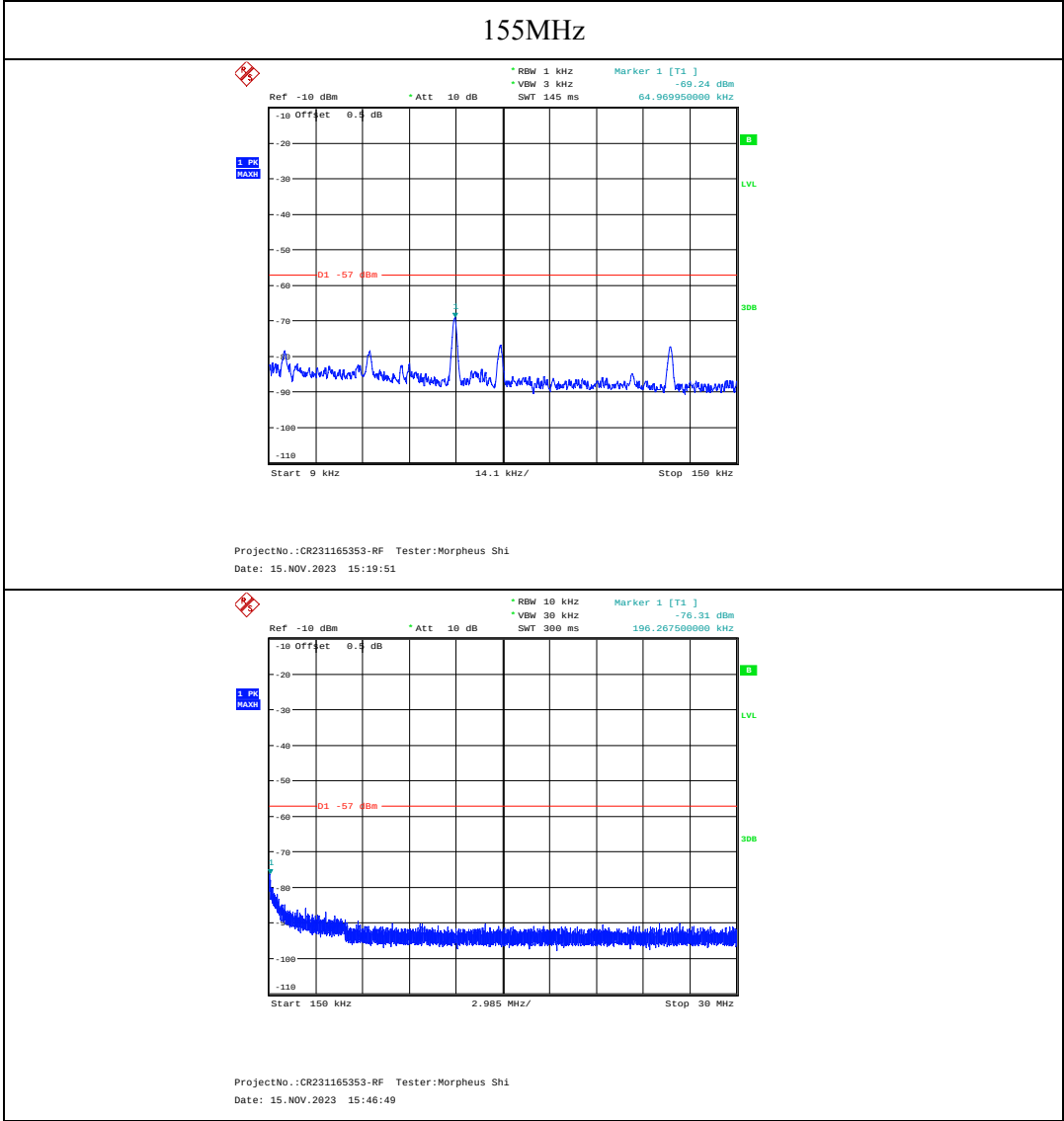
136.0125 MHz



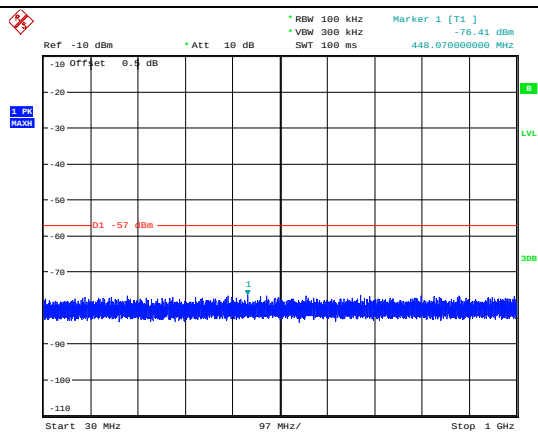
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:08:49



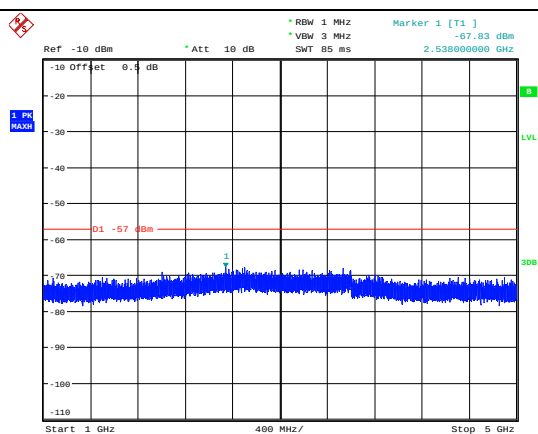
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:36:51



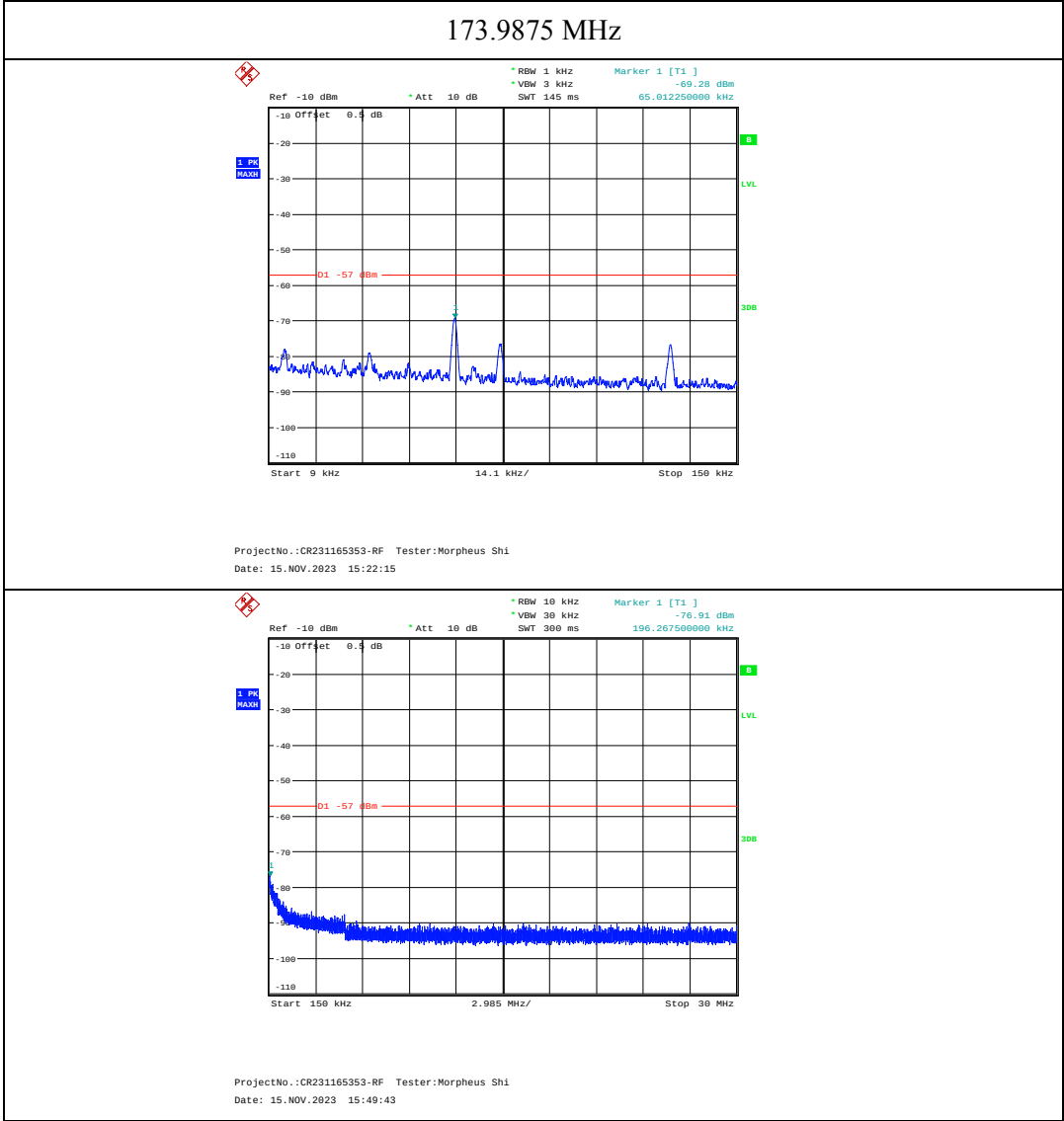
155MHz

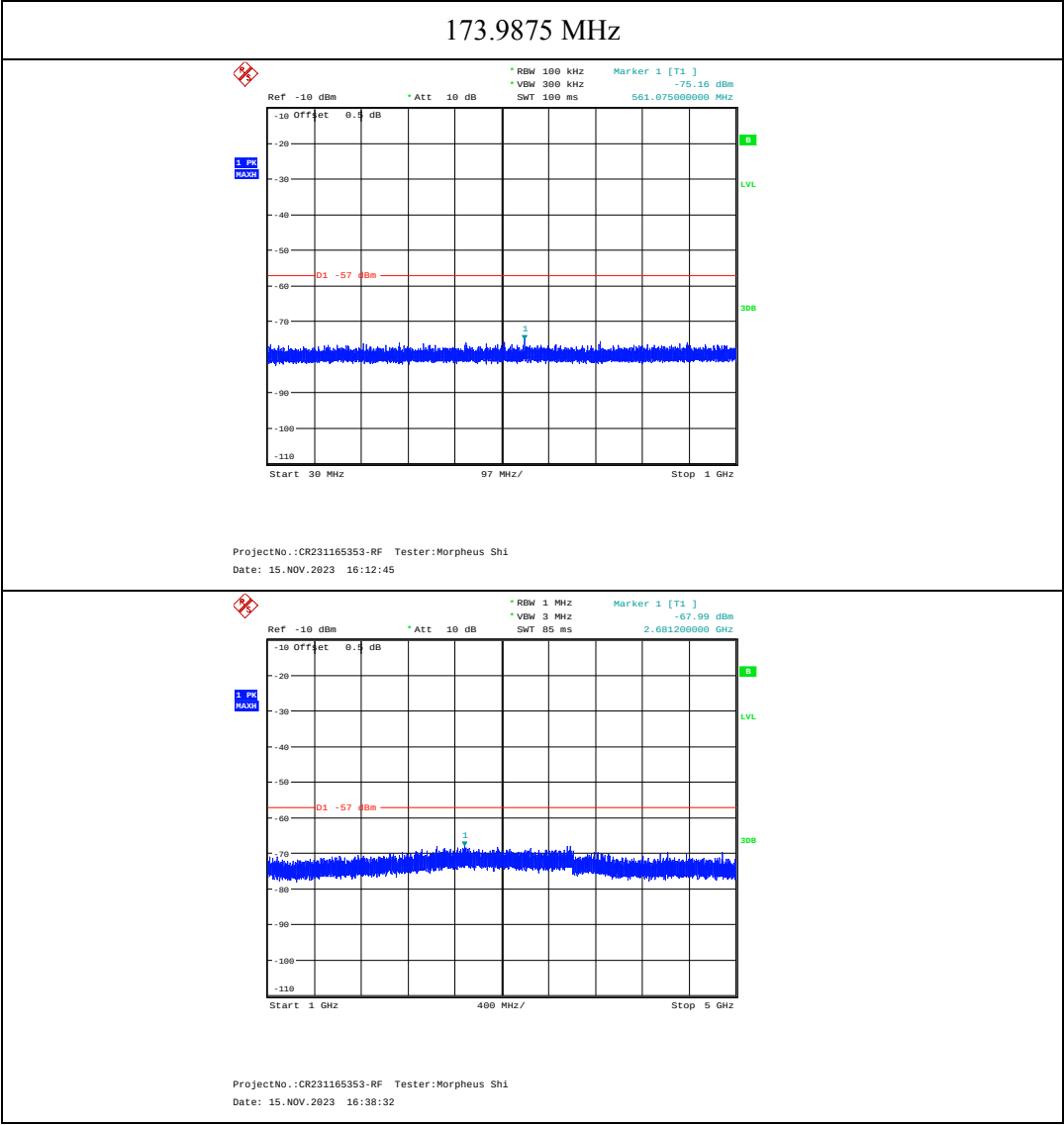


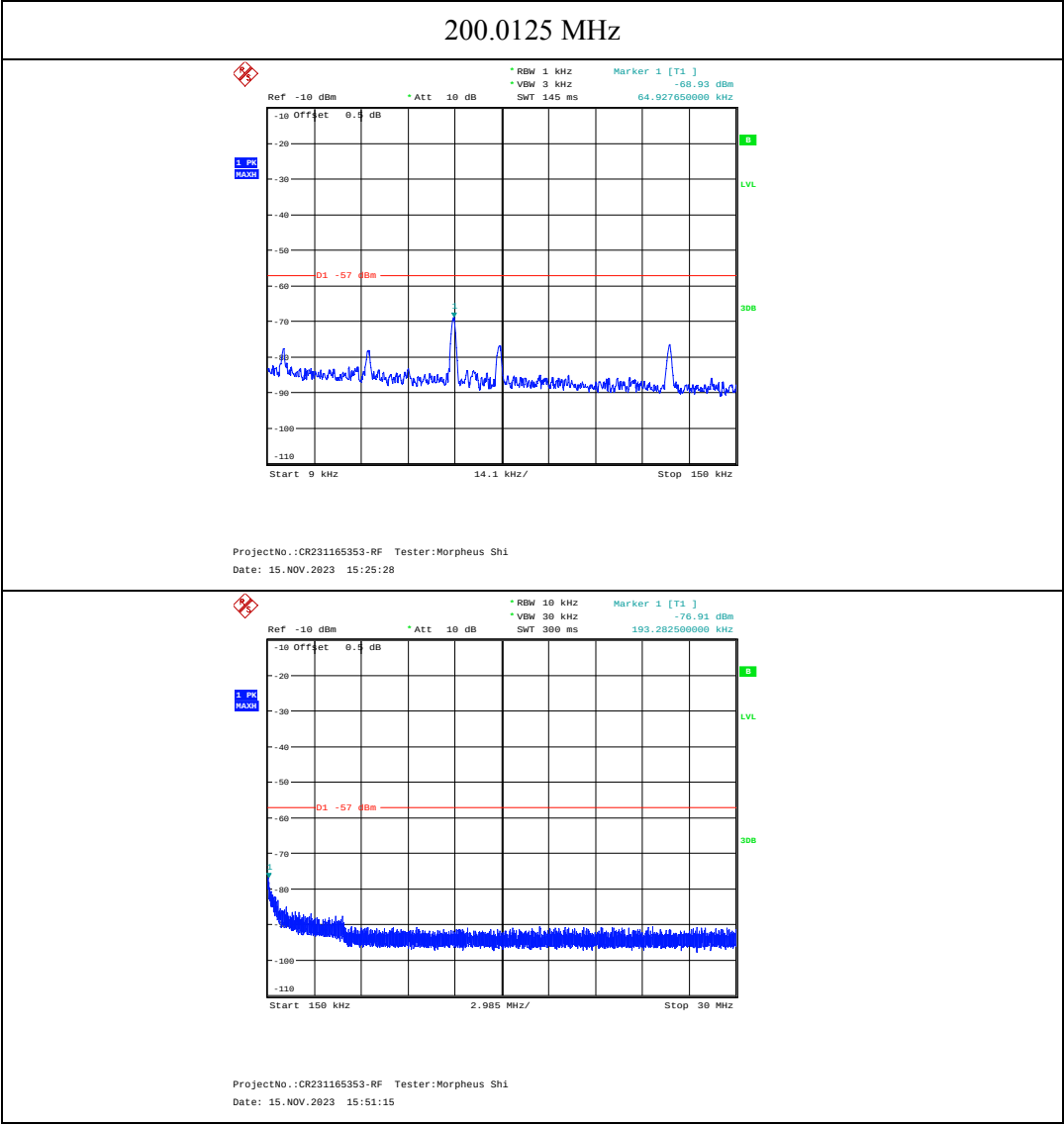
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:10:30

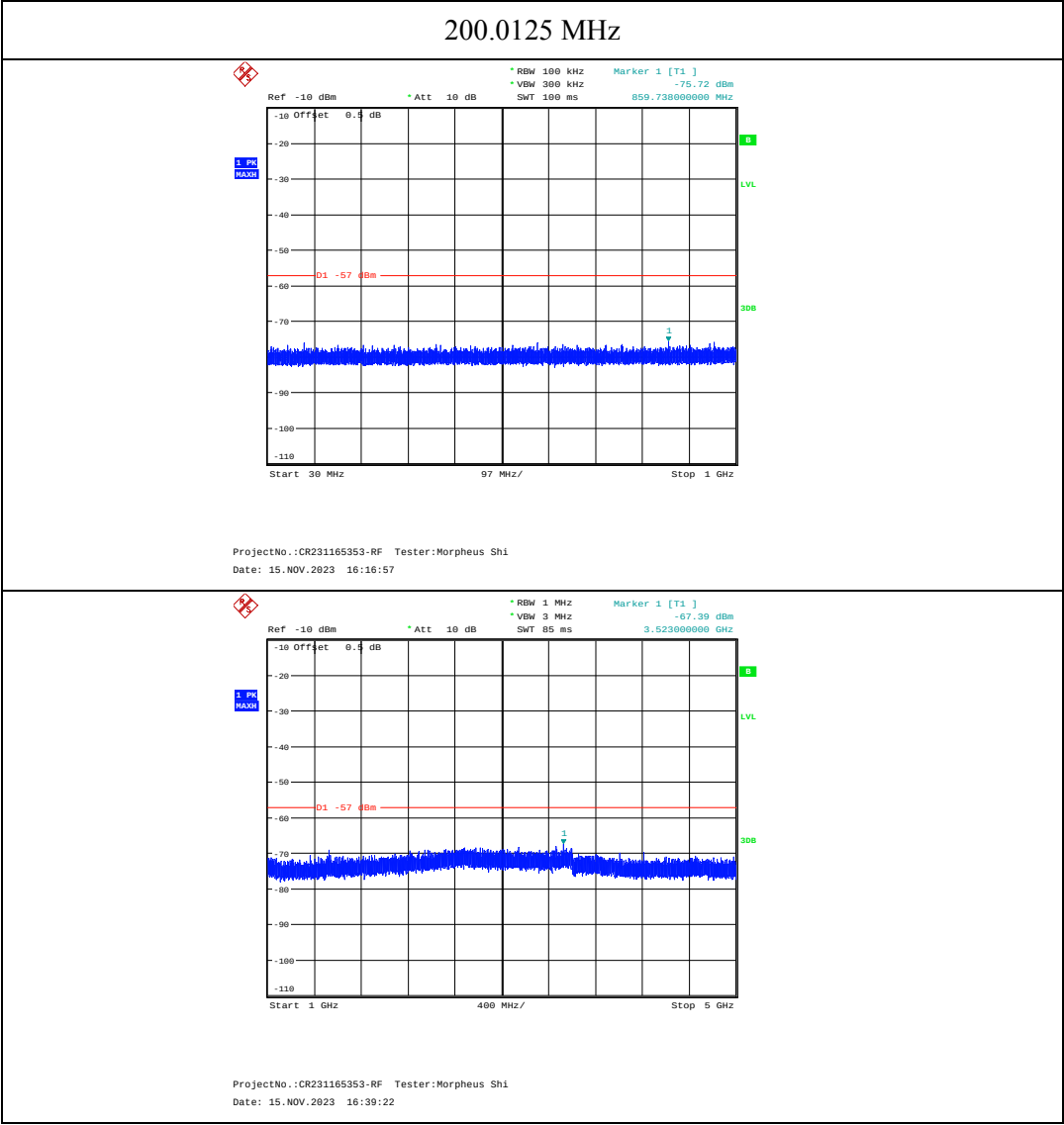


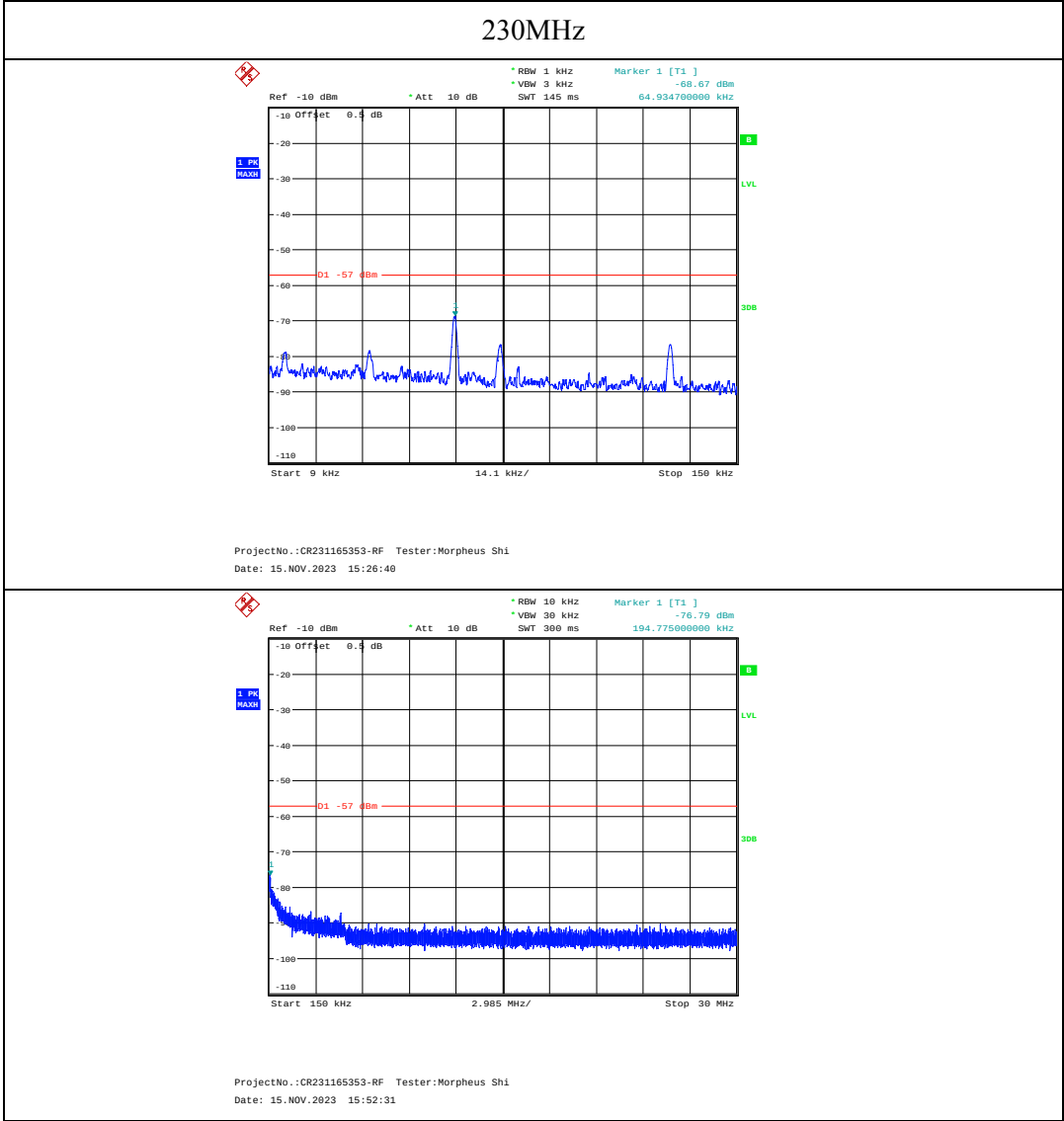
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:37:42



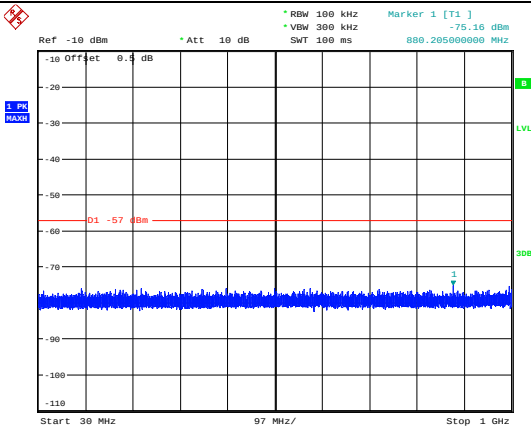




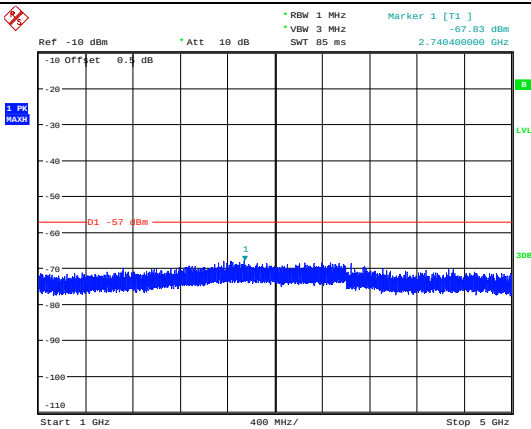




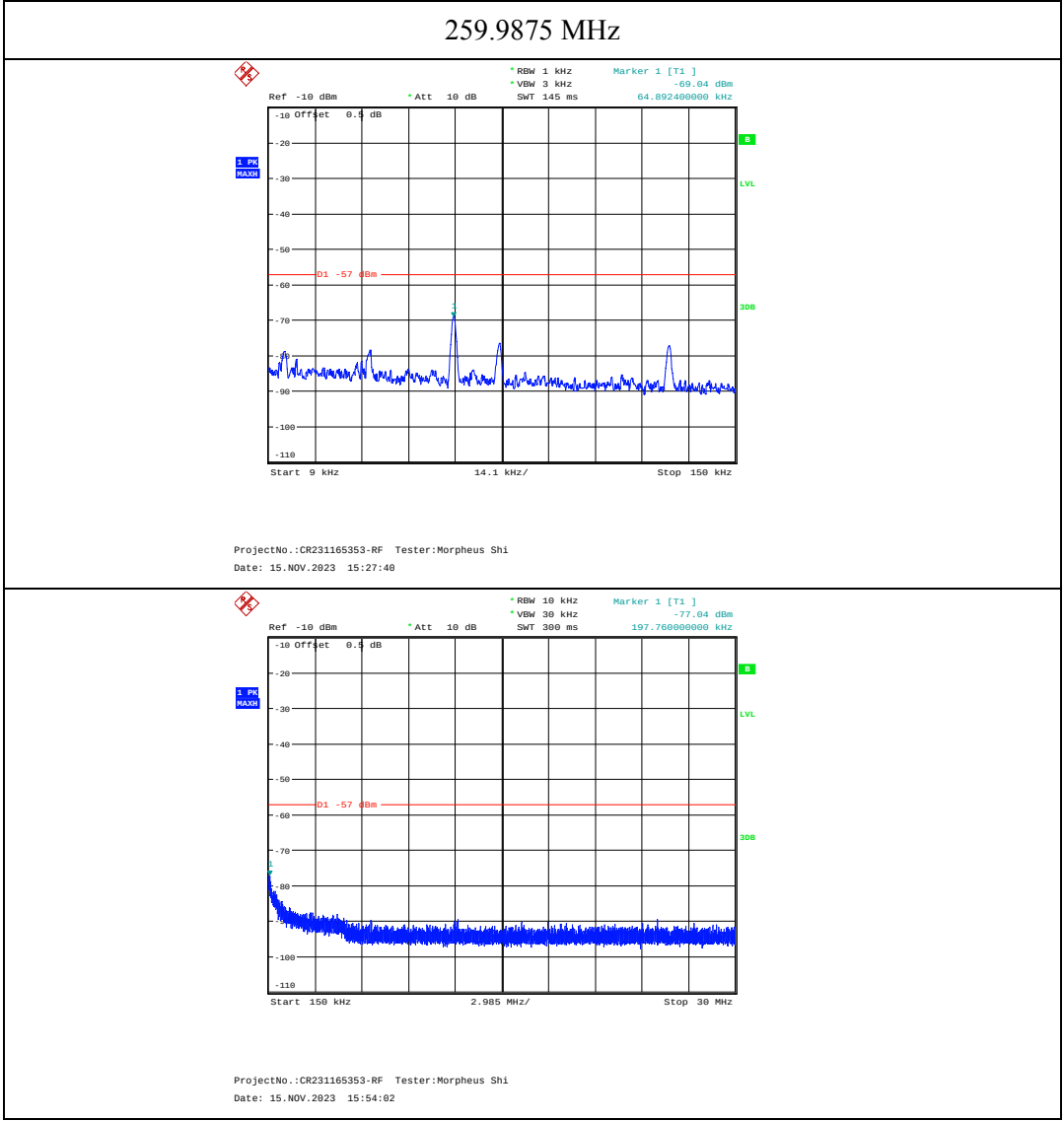
230 MHz

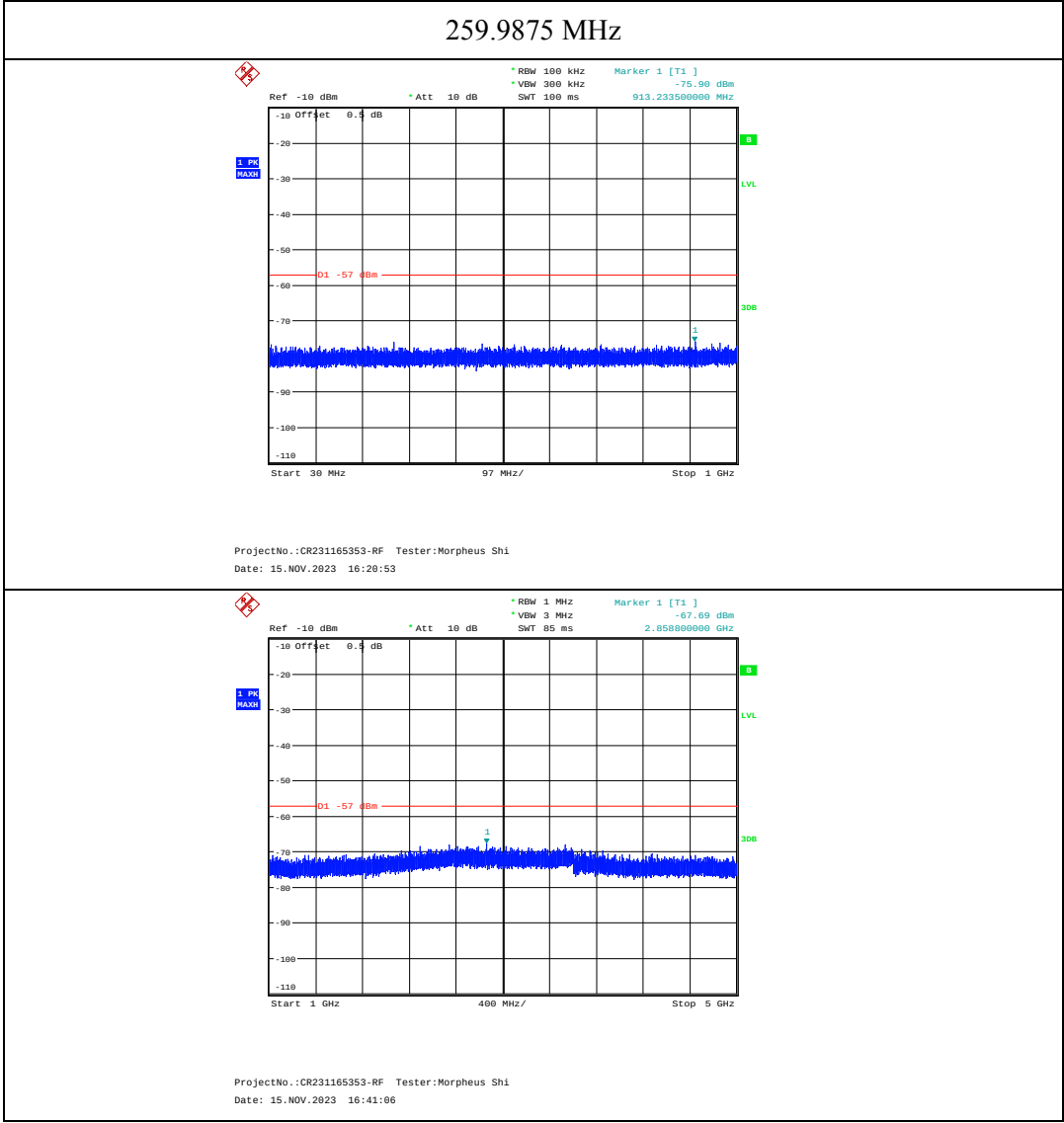


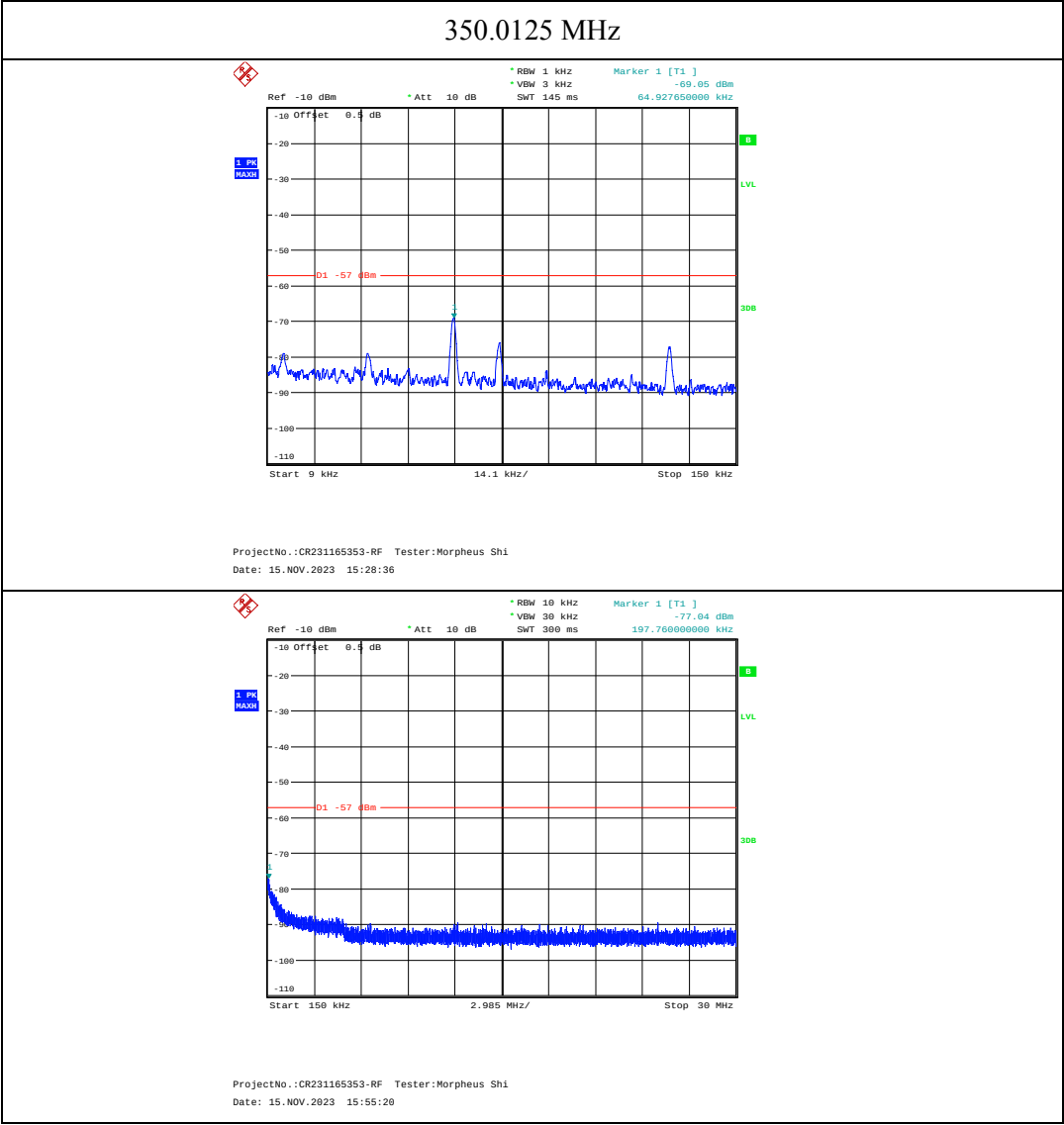
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:28:05

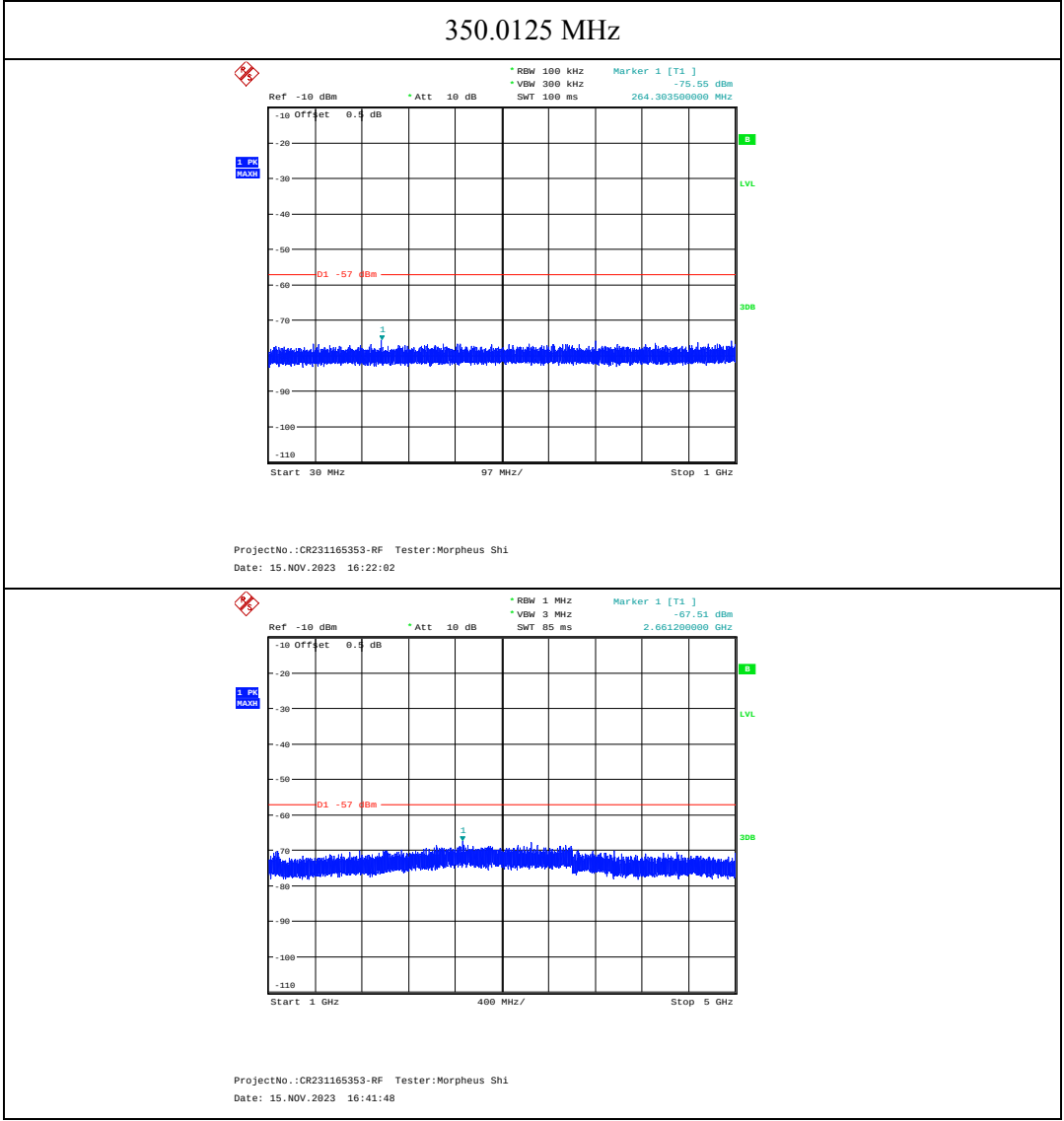


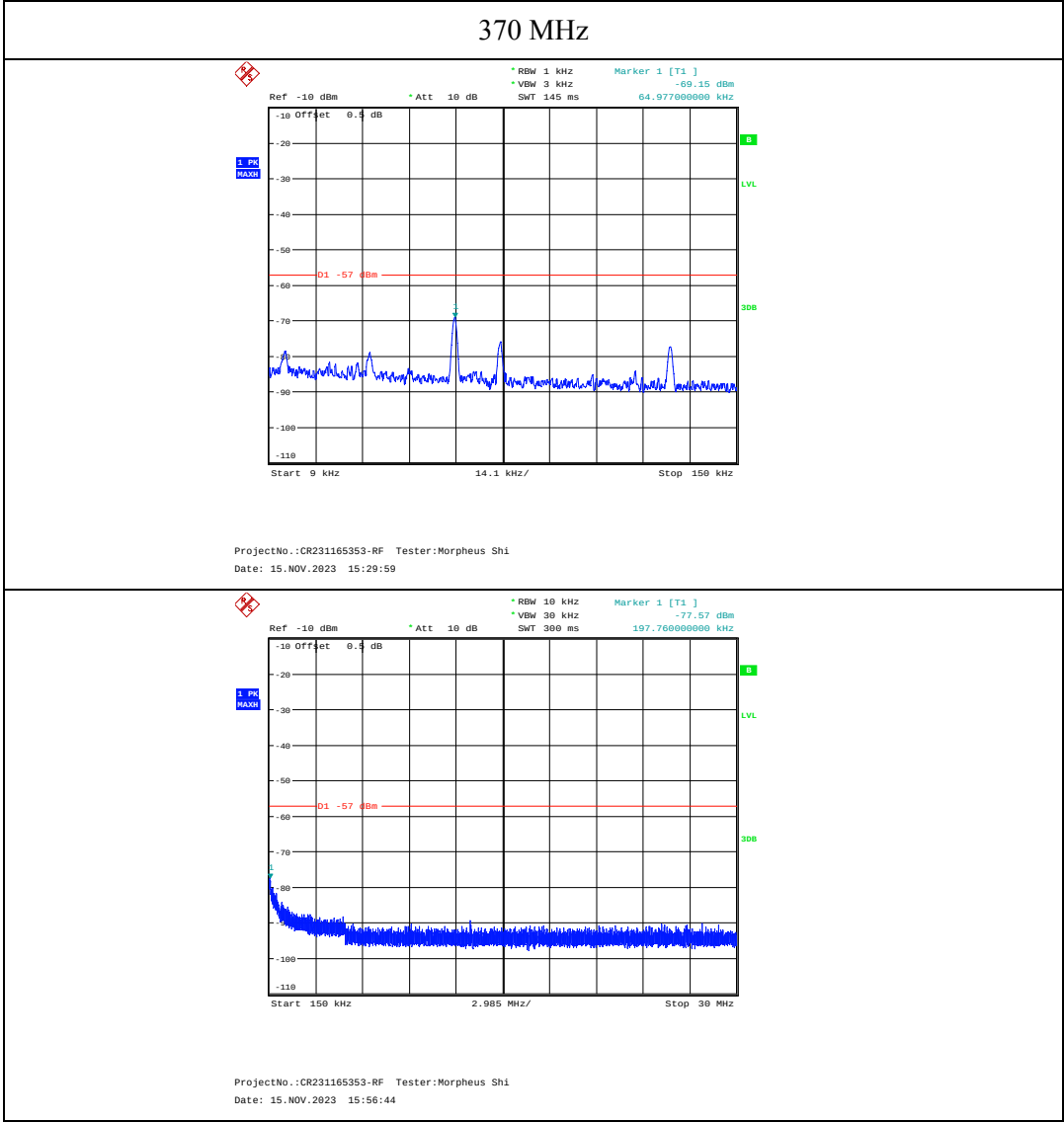
ProjectNo.:CR231165353-RF Tester:Morpheus Shi
Date: 15.NOV.2023 16:48:18

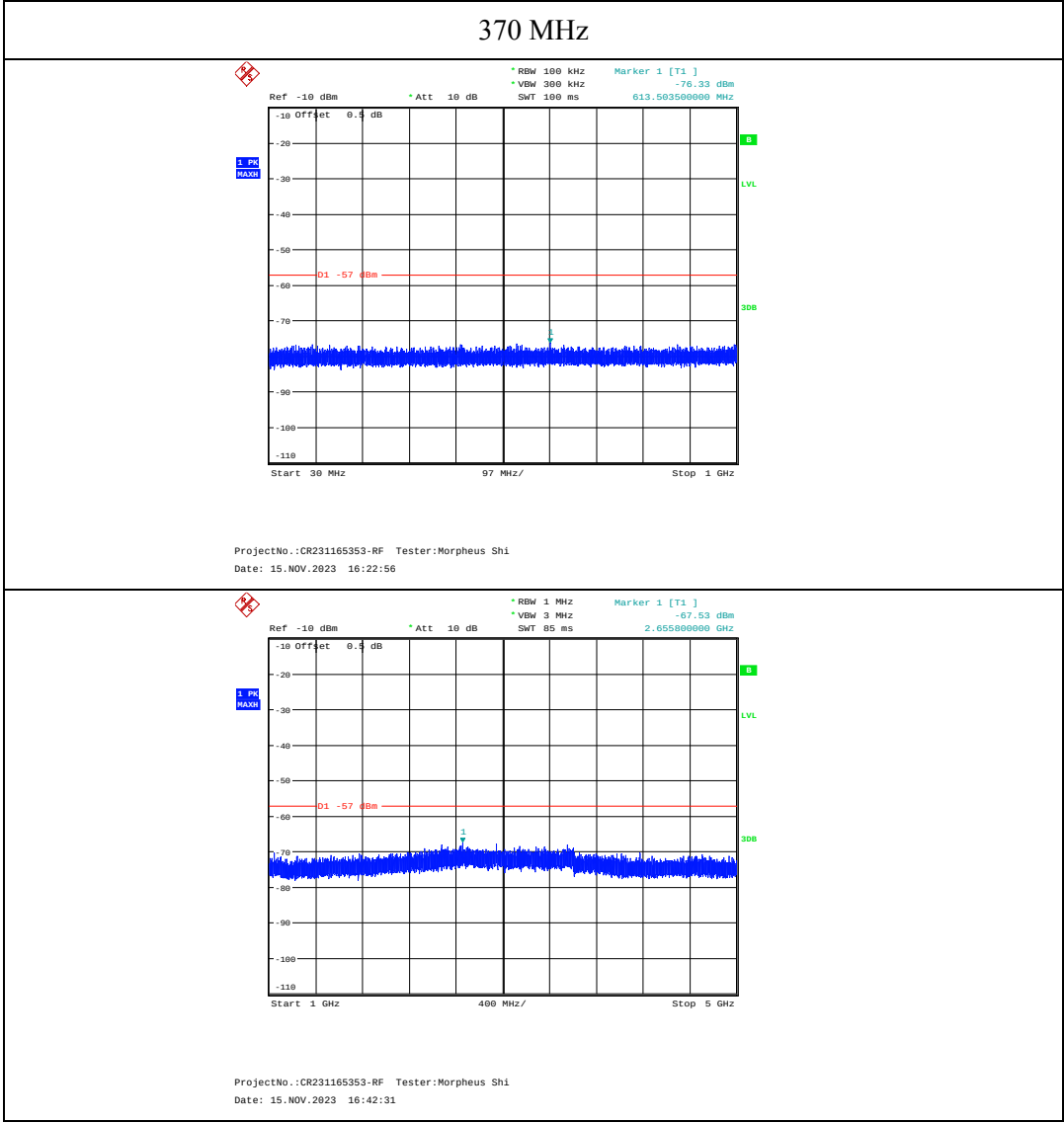


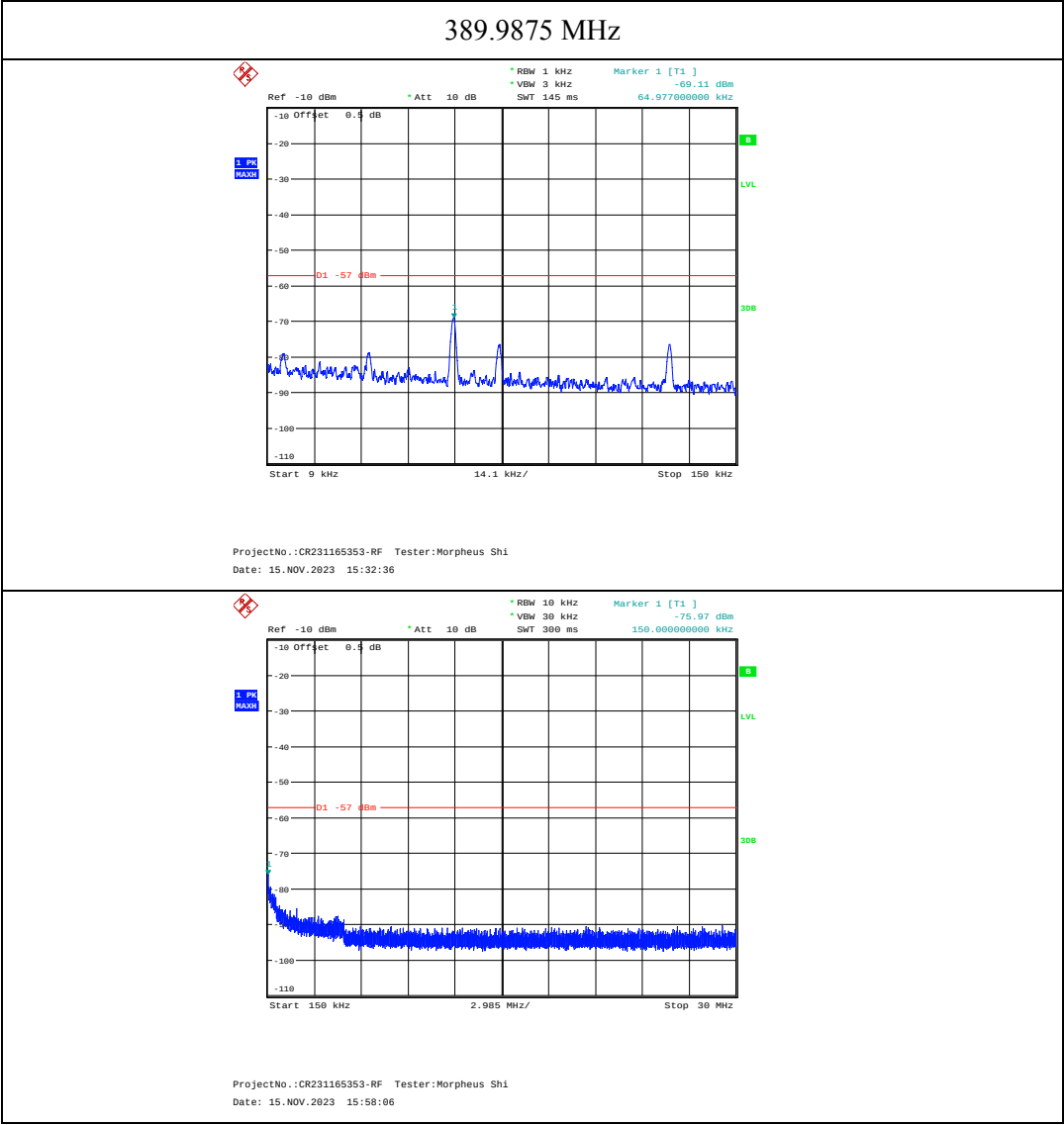


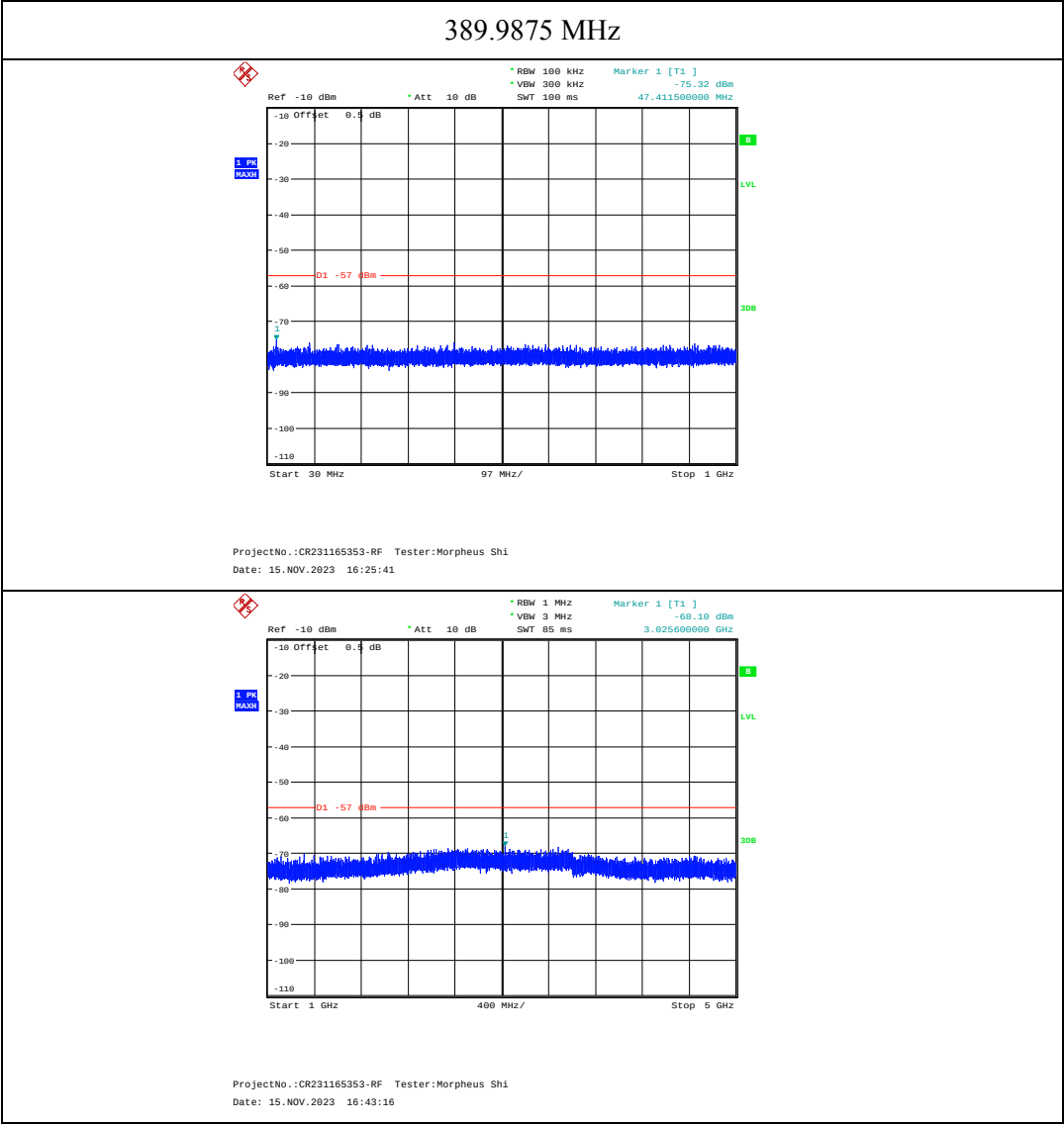


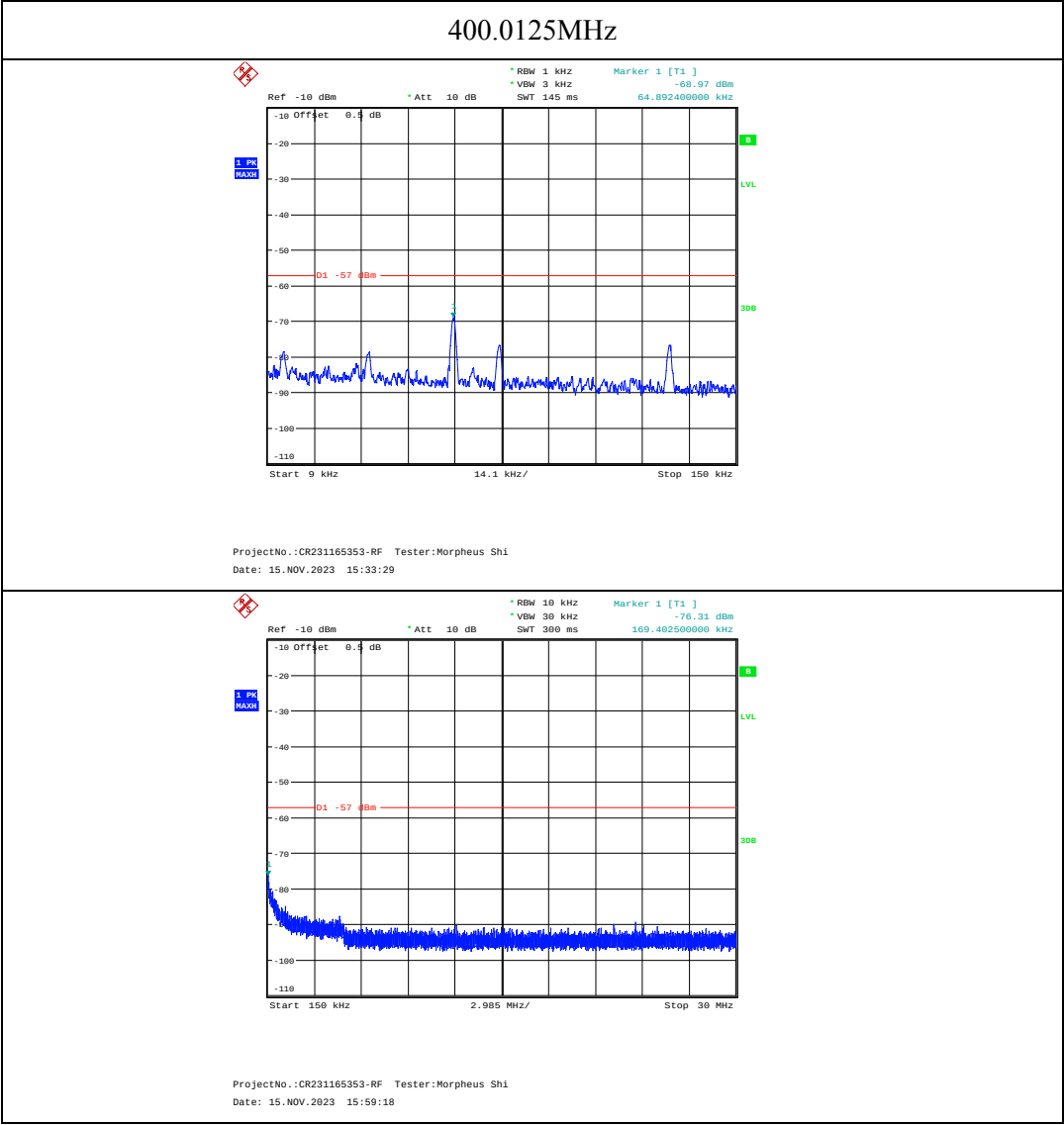


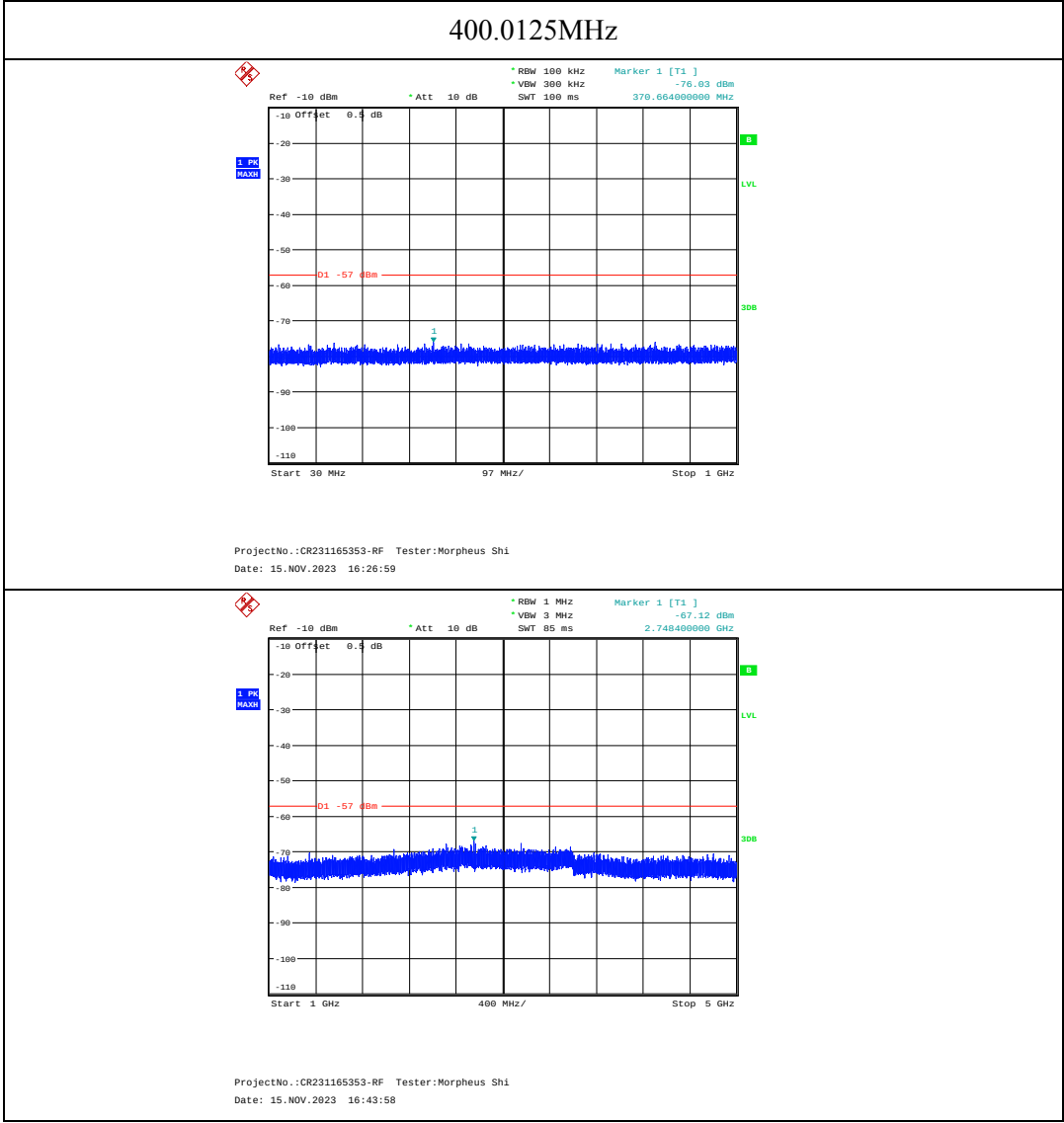


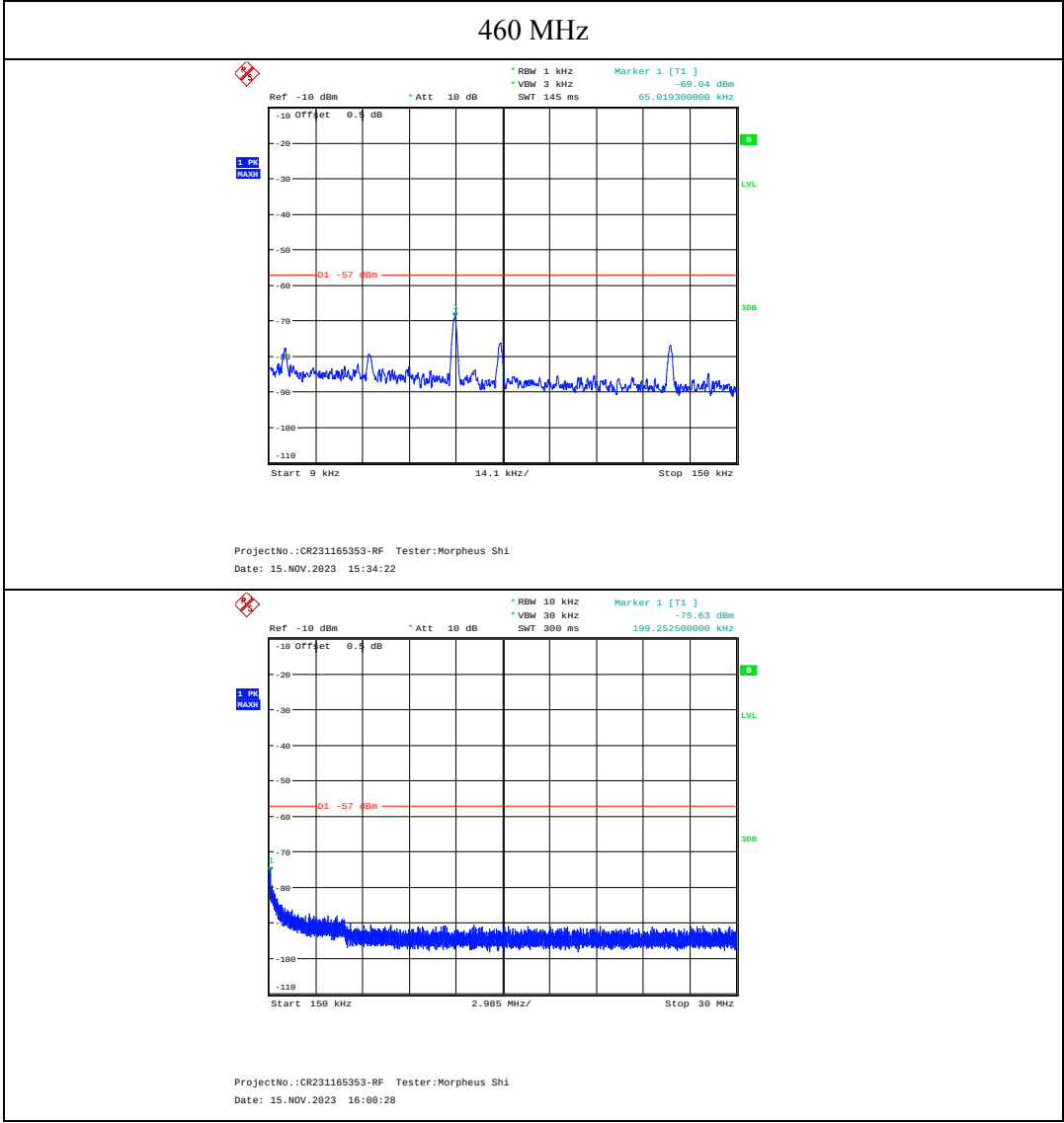


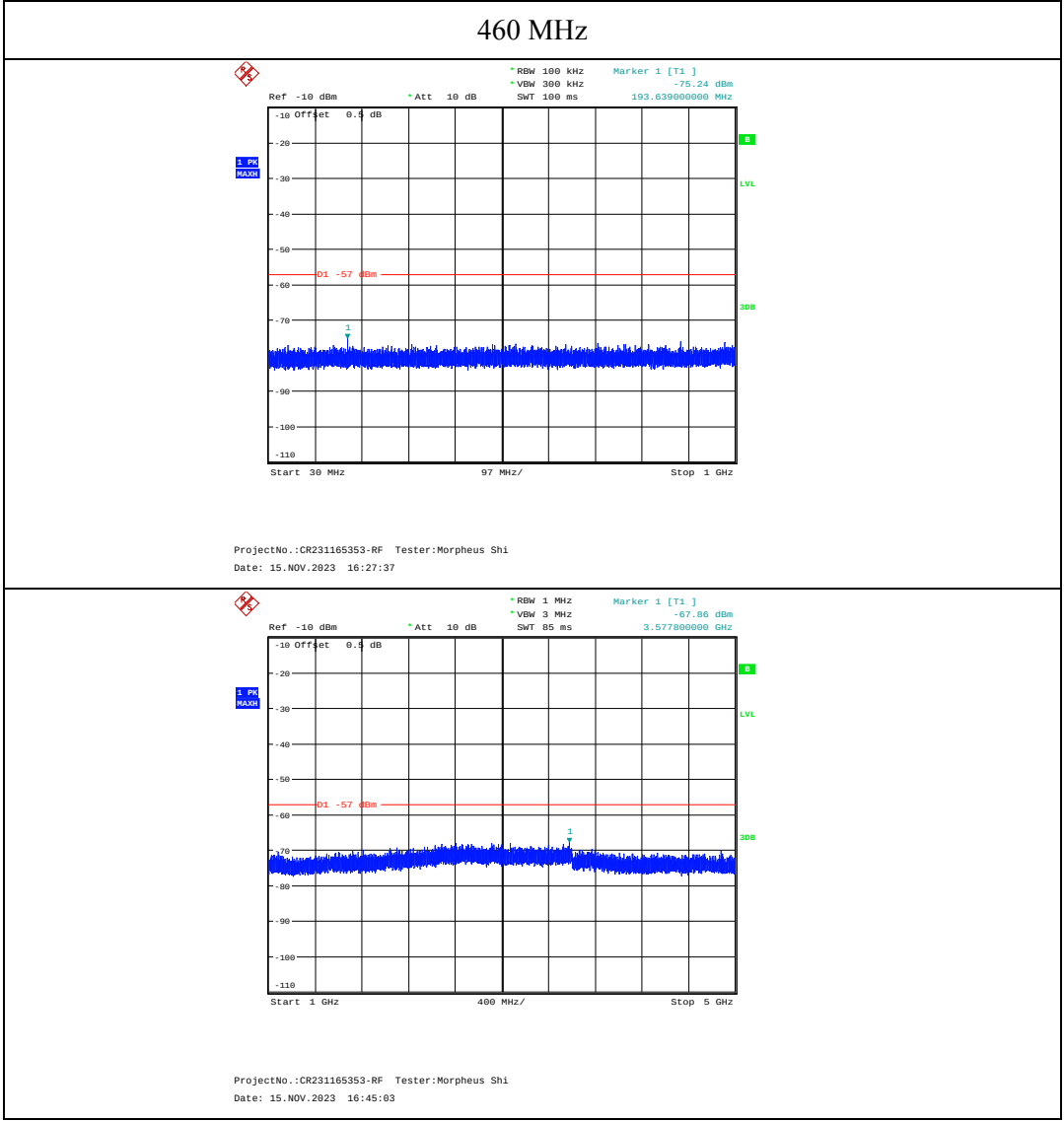


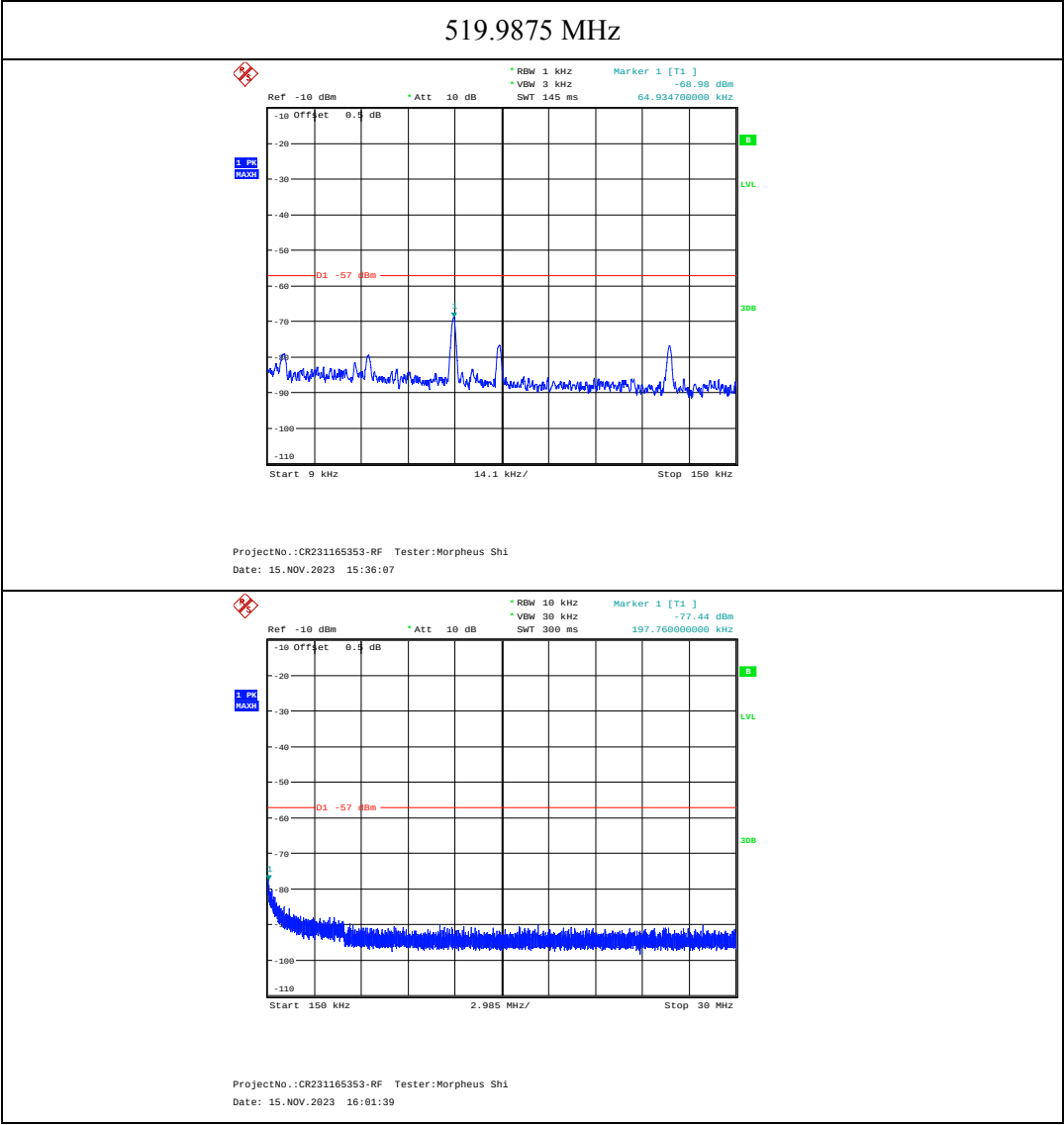


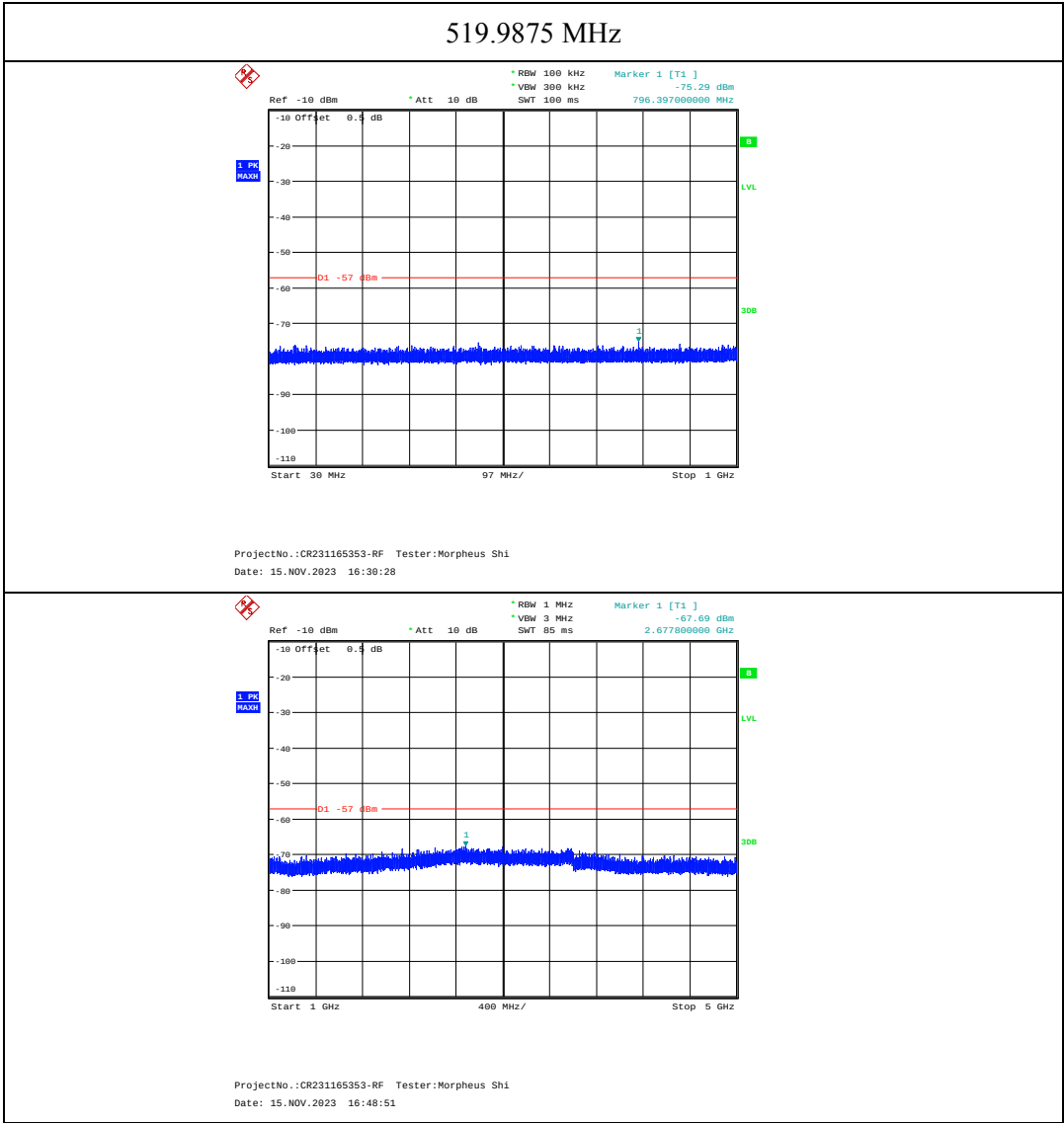












4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	2D99-1	Test Date:	2023/11/15
Test Site:	RF	Test Mode:	Scanning
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24	Relative Humidity: (%)	41	ATM Pressure: (kPa)	101.7
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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
Minl-Clrcuts	Power Splitter	ZFRSC-183-S+	S F448201619	Each time	N/A
HP	RF Communications Test Set	8920A	3438A05209	2023/3/31	2024/3/30
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

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

Test Data:

Scanning Frequency Range (MHz)	Test Frequency (MHz)	Measurement Result (Worst Case) (dB)	Limit (dB)
136-174,220-260,350-390,400-520	824, 836, 849, 869,881.5, 894	46	>38

5. EUT PHOTOGRAPHS

Please refer to the attachment CR231165353-EXP EUT EXTERNAL PHOTOGRAPHS and CR231165353-INP EUT INTERNAL PHOTOGRAPHS

6. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR231165353-00A-TSP TEST SETUP PHOTOGRAPHS.

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