



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-UV1802R

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: CR230526861-00A

Date Of Issue: 2023/7/6

Approved By: Sun Zhong *Sun Zhong*

Title: Manager

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

No. 113, Pingkang Road, Dalang Town, Dongguan,
Guangdong, China
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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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This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

CONTENTS

TEST FACILITY	2
DECLARATIONS	2
DOCUMENT REVISION HISTORY	4
1. GENERAL INFORMATION	5
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
1.2 DESCRIPTION OF TEST CONFIGURATION	6
1.2.2 Support Equipment List and Details	6
1.2.3 Support Cable List and Details	6
1.2.4 Block Diagram of Test Setup	7
1.3 MEASUREMENT UNCERTAINTY	9
2. SUMMARY OF TEST RESULTS	10
3. REQUIREMENTS AND TEST PROCEDURES	11
3.1 AC LINE CONDUCTED EMISSIONS	11
3.1.1 EUT Setup	11
3.1.2 EMI Test Receiver Setup	11
3.1.3 Test Procedure	12
3.1.4 Corrected Amplitude & Margin Calculation	12
3.2 RADIATION SPURIOUS EMISSIONS	13
3.2.1 EUT Setup	13
3.2.2 Equipment Setup	14
3.2.3 Test Procedure	14
3.2.4 Corrected Amplitude & Margin Calculation	14
3.3 ANTENNA POWER CONDUCTION LIMITS FOR RECEIVERS	15
3.3.1 Applicable Standard	15
Test Procedure	15
3.4 SCANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SCANNING RECEIVERS	16
Applicable Standard	16
Test Procedure	16
4. TEST DATA AND RESULTS	17
4.1 AC LINE CONDUCTED EMISSIONS	17
4.2 RADIATION SPURIOUS EMISSIONS	26
4.3 ANTENNA POWER CONDUCTION LIMITS FOR RECEIVERS	87
4.4 SCANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SCANNING RECEIVERS	118

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230526861-00A	Original Report	2023/7/6

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

Product Name:	Amateur Radio
Test Model:	UV-1802R
Multiple Models:	BF-1802R,UV-1802H,UV-1802M,UV-1802L,BF-1802H,BF-1802L
Highest Operation Frequency:	520MHz
Rated Input Voltage:	DC 7.4V from battery
Serial Number:	25W9-1
EUT Received Date:	2023/5/17
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:

Accessory Description	Manufacturer	Model
Adapter	Fujian Baofeng Electronic Co.,Ltd	BF-1001000

Operation Frequency And Test Channel:

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
VHF Receiving	136-174 220-260	136.0125, 155, 173.9875 220.0125, 240, 259.9875
UHF Receiving	400-520	400.0125, 460, 519.9875
Scanning	108-174 220-260 400-520	/
FM	65-108	65.1, 86.5, 107.9
NOAA	161.65-163.275	161.65, 163.275

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 & Receiving M2: Charging & Scanning M3: Charging & FM Receiving M4: Charging & NOAA Receiving
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

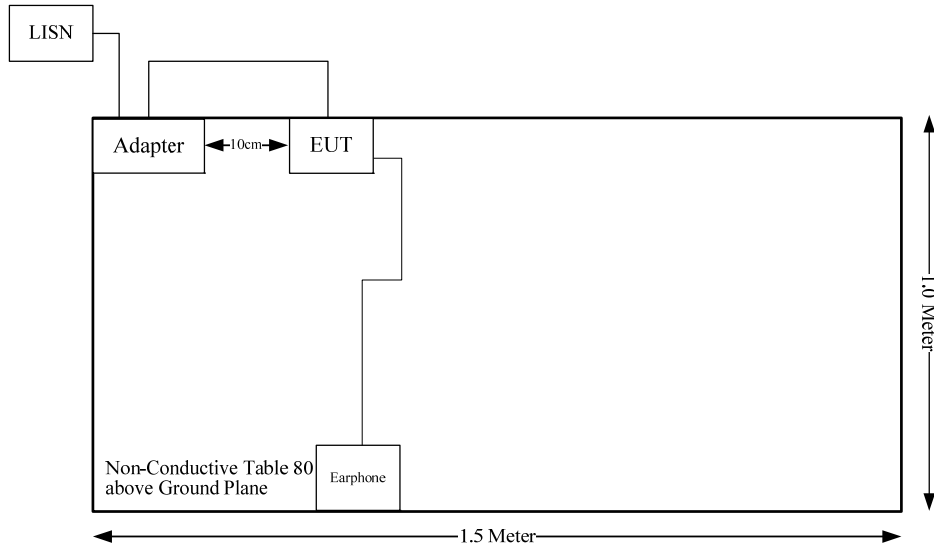
1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
antenna cable	No	No	1.5	N5182B	antenna

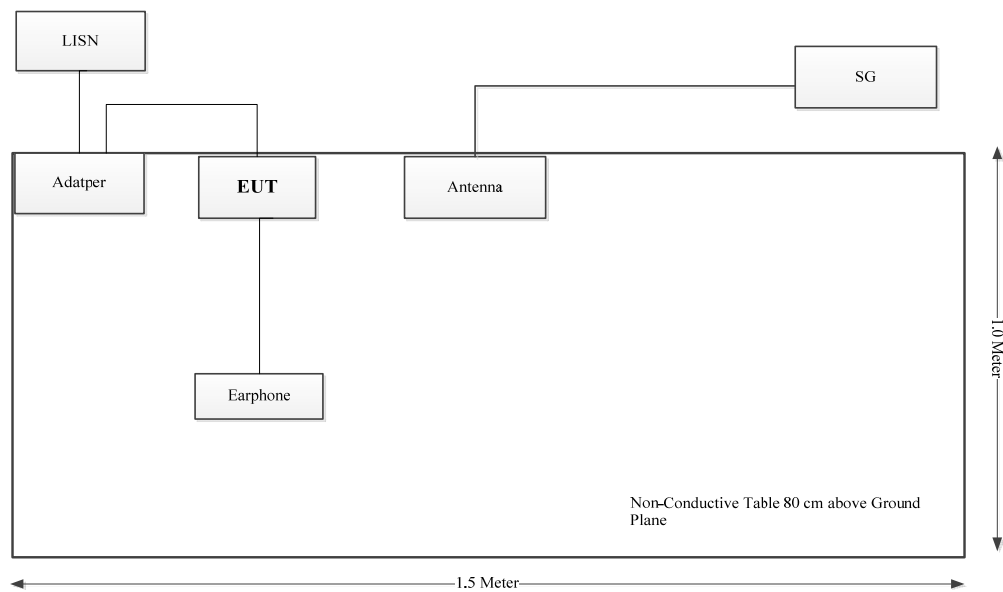
1.2.4 Block Diagram of Test Setup

CE:

M2:

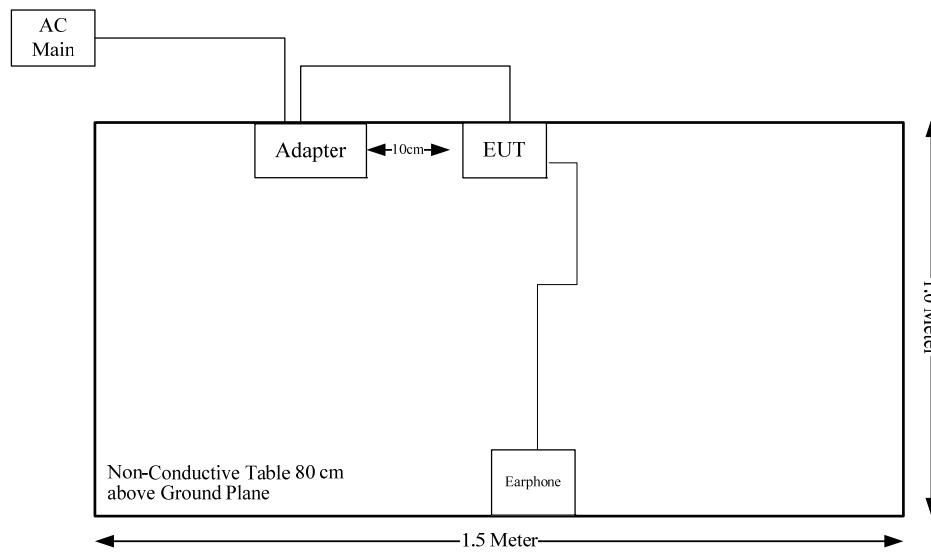


M1/M3/M4:

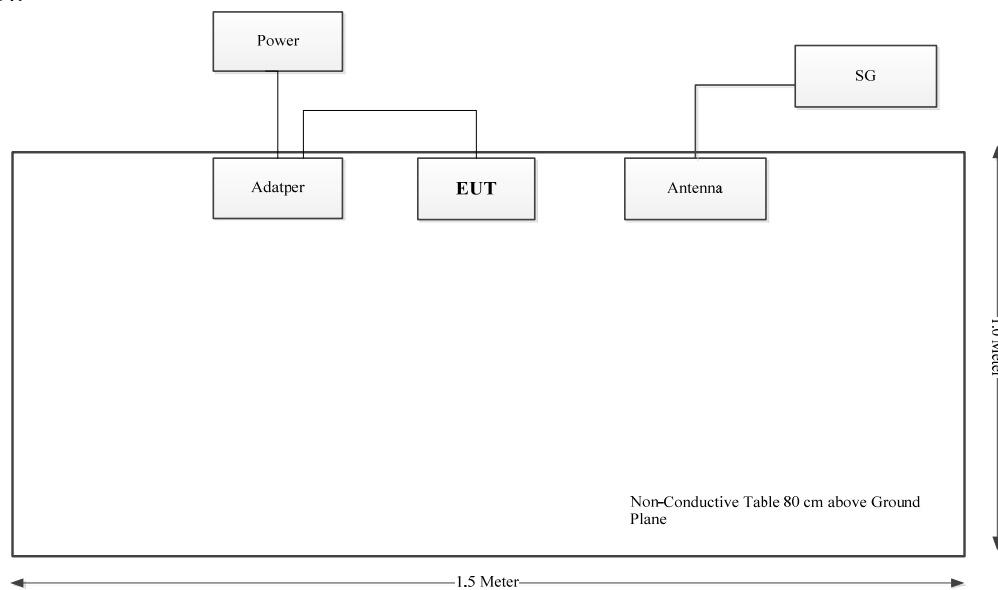


RE:

M2:



M1/M3/M4:



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)

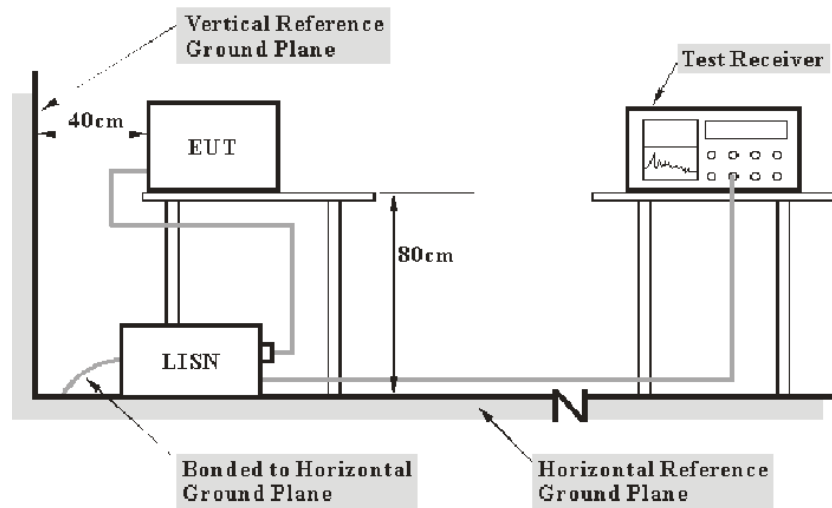
2. SUMMARY OF TEST RESULTS

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

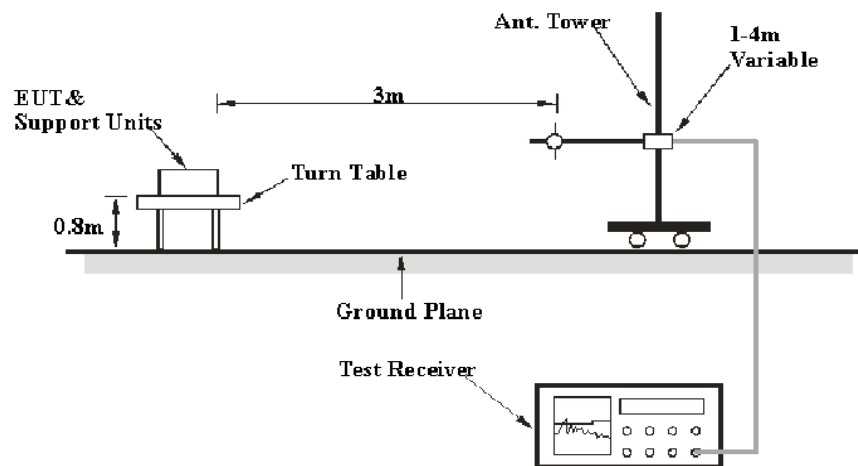
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

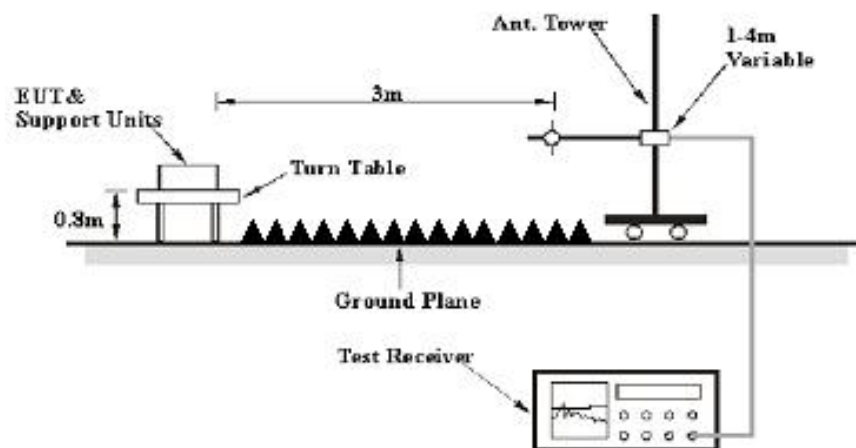
3.2 Radiation Spurious Emissions

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

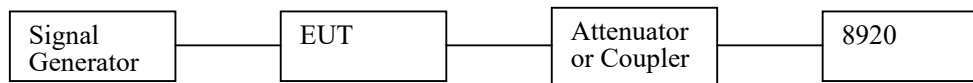
Applicable Standard

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:	25W9-1	Test Date:	2023/06/02
Test Site:	CE	Test Mode:	M1,M2,M3,M4
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.8	Relative Humidity: (%)	59	ATM Pressure: (kPa)	100.5
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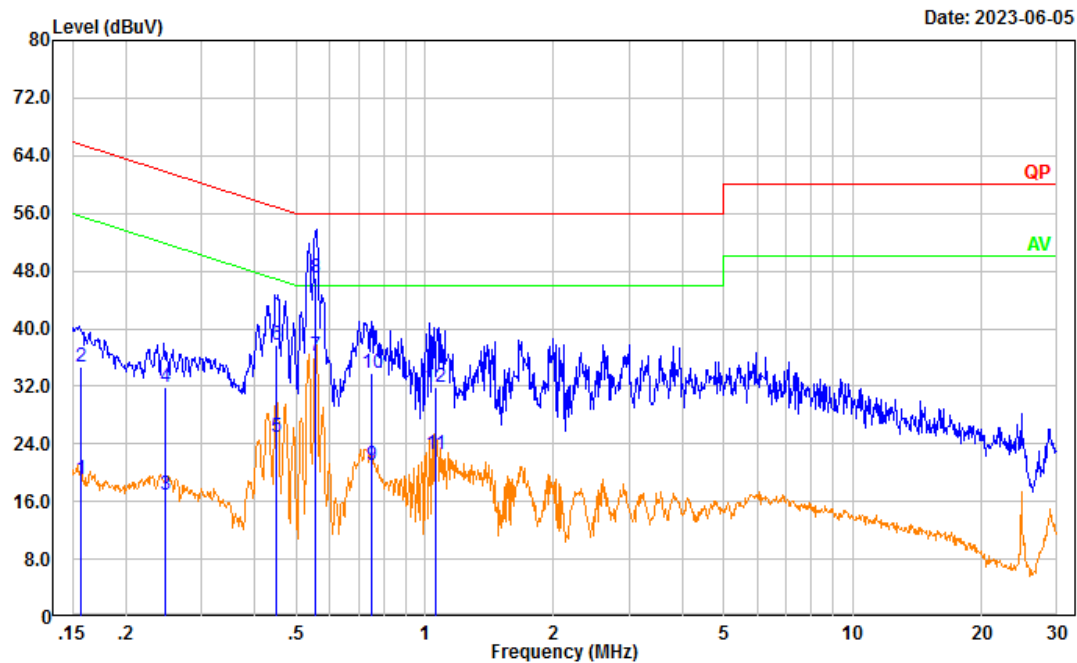
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/03/31	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: M2
Charging& Scanning
Line:

Test Mode: Charging& Scanning
Port: Line
Note:



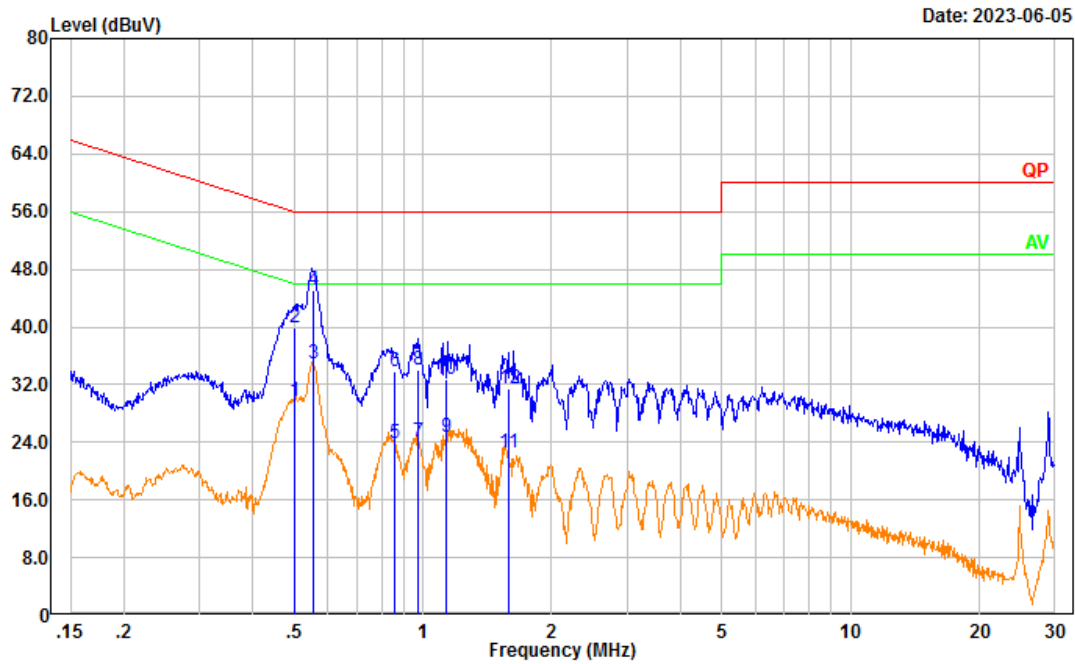
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.157	9.53	9.61	19.14	55.63	36.49	Average
2	0.157	25.10	9.61	34.71	65.63	30.92	QP
3	0.247	7.28	9.61	16.89	51.87	34.98	Average
4	0.247	22.26	9.61	31.87	61.87	30.00	QP
5	0.451	15.22	9.61	24.83	46.86	22.03	Average
6	0.451	28.14	9.61	37.75	56.86	19.11	QP
7	0.556	26.66	9.62	36.28	46.00	9.72	Average
8	0.556	37.37	9.62	46.99	56.00	9.01	QP
9	0.750	11.32	9.62	20.94	46.00	25.06	Average
10	0.750	24.14	9.62	33.76	56.00	22.24	QP
11	1.056	13.03	9.62	22.65	46.00	23.35	Average
12	1.056	22.31	9.62	31.93	56.00	24.07	QP

Neutral:

Test Mode: Charging& Scanning

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.503	20.10	9.61	29.71	46.00	16.29	Average
2	0.503	30.37	9.61	39.98	56.00	16.02	QP
3	0.553	25.27	9.62	34.89	46.00	11.11	Average
4	0.553	35.53	9.62	45.15	56.00	10.85	QP
5	0.856	14.28	9.62	23.90	46.00	22.10	Average
6	0.856	24.22	9.62	33.84	56.00	22.16	QP
7	0.972	14.37	9.62	23.99	46.00	22.01	Average
8	0.972	24.39	9.62	34.01	56.00	21.99	QP
9	1.129	15.06	9.62	24.68	46.00	21.32	Average
10	1.129	23.20	9.62	32.82	56.00	23.18	QP
11	1.588	12.94	9.63	22.57	46.00	23.43	Average
12	1.588	21.73	9.63	31.36	56.00	24.64	QP

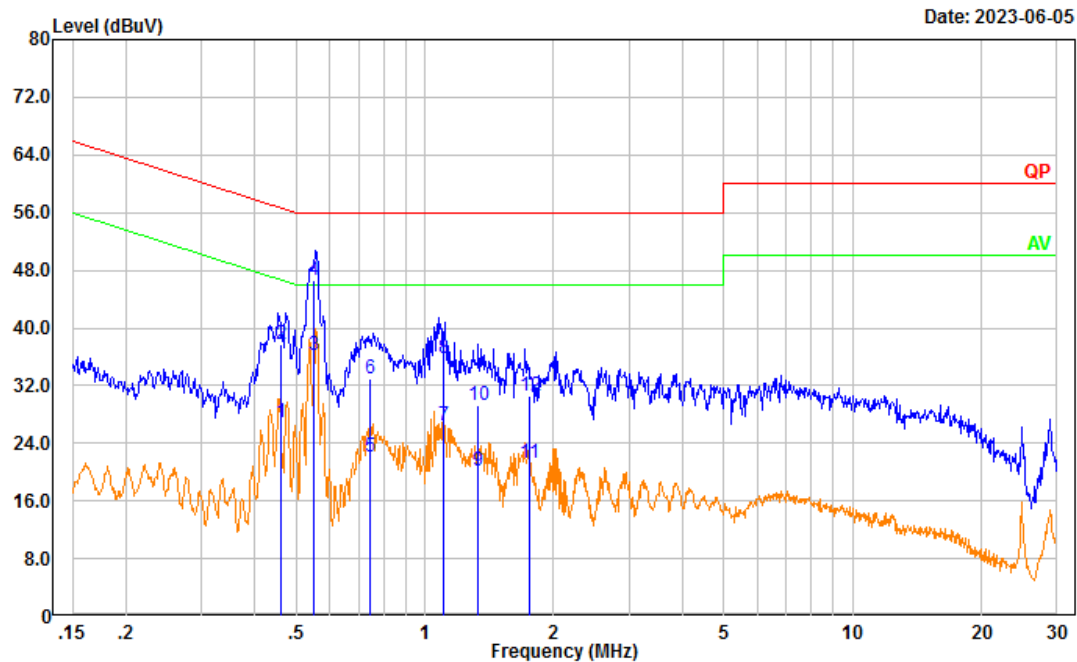
Test Mode: M1 (worst case is operating at 136.0125MHz)

Line:

Test Mode: Charging& Receiveing

Port: Line

Note:



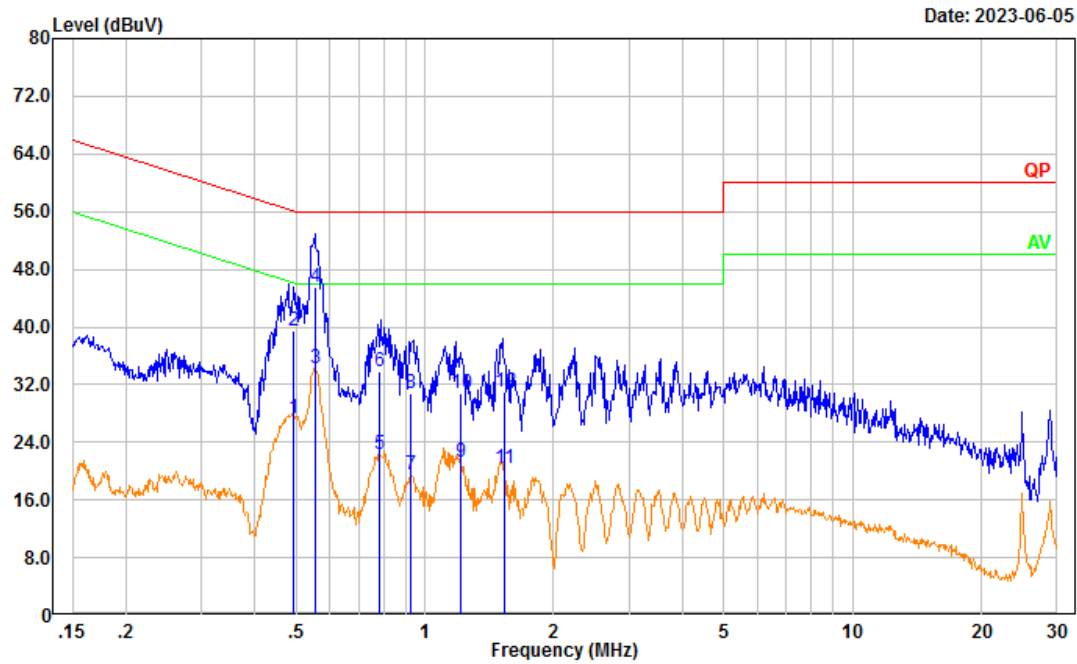
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.462	17.36	9.61	26.97	46.65	19.68	Average
2	0.462	28.14	9.61	37.75	56.65	18.90	QP
3	0.552	26.48	9.62	36.10	46.00	9.90	Average
4	0.552	36.99	9.62	46.61	56.00	9.39	QP
5	0.744	12.43	9.62	22.05	46.00	23.95	Average
6	0.744	23.40	9.62	33.02	56.00	22.98	QP
7	1.106	16.76	9.62	26.38	46.00	19.62	Average
8	1.106	26.10	9.62	35.72	56.00	20.28	QP
9	1.334	10.58	9.62	20.20	46.00	25.80	Average
10	1.334	19.71	9.62	29.33	56.00	26.67	QP
11	1.756	11.63	9.63	21.26	46.00	24.74	Average
12	1.756	20.95	9.63	30.58	56.00	25.42	QP

Neutral:

Test Mode: Charging& Rceiveing

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.492	17.70	9.61	27.31	46.13	18.82	Average
2	0.492	29.79	9.61	39.40	56.13	16.73	QP
3	0.553	24.60	9.62	34.22	46.00	11.78	Average
4	0.553	35.97	9.62	45.59	56.00	10.41	QP
5	0.784	12.61	9.62	22.23	46.00	23.77	Average
6	0.784	24.24	9.62	33.86	56.00	22.14	QP
7	0.926	9.85	9.62	19.47	46.00	26.53	Average
8	0.926	21.09	9.62	30.71	56.00	25.29	QP
9	1.212	11.71	9.62	21.33	46.00	24.67	Average
10	1.212	21.22	9.62	30.84	56.00	25.16	QP
11	1.531	10.77	9.63	20.40	46.00	25.60	Average
12	1.531	21.43	9.63	31.06	56.00	24.94	QP

Test Mode: M3 (worst case is operating at 65.1MHz)

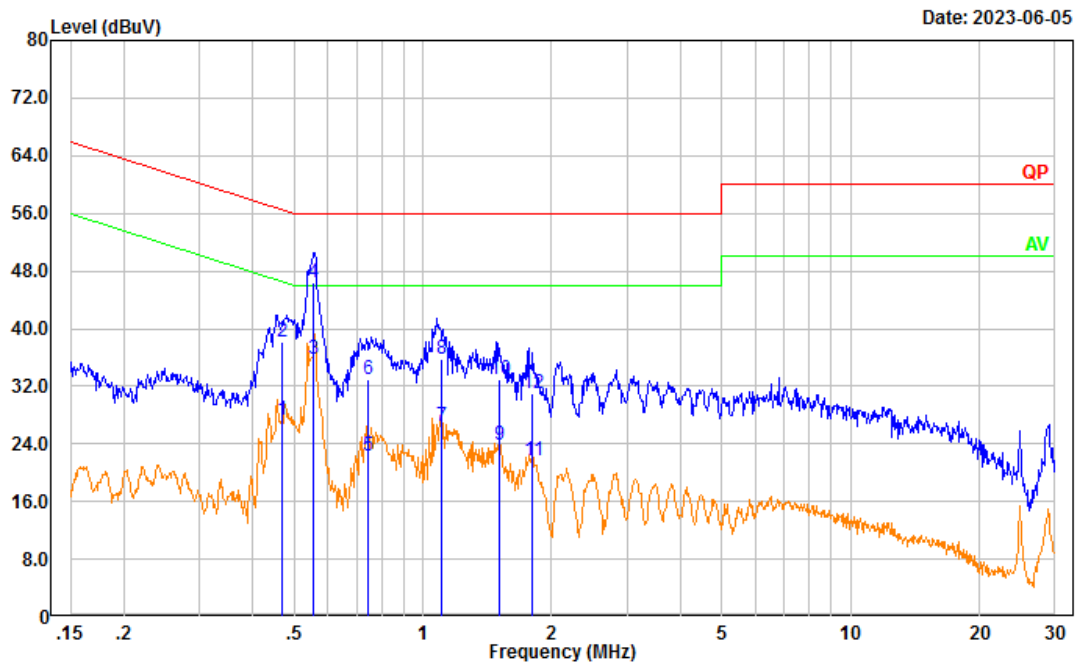
Charging& FM Receiving

Line:

Test Mode: Charging& FM Receiving

Port: Line

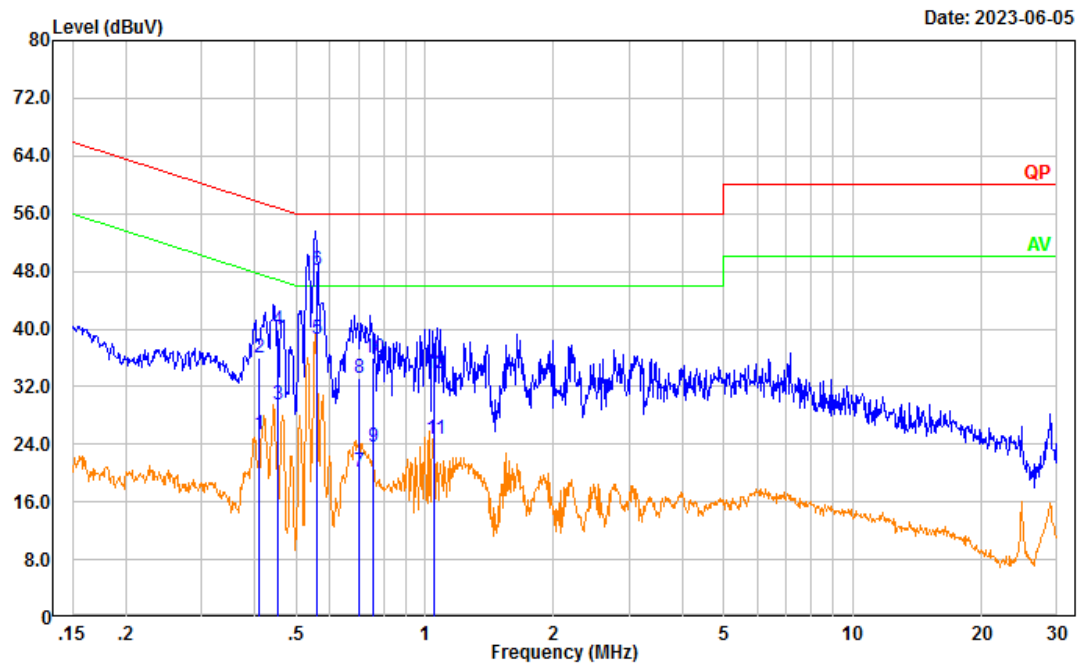
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.470	17.72	9.61	27.33	46.51	19.18	Average
2	0.470	28.48	9.61	38.09	56.51	18.42	QP
3	0.555	26.19	9.62	35.81	46.00	10.19	Average
4	0.555	36.79	9.62	46.41	56.00	9.59	QP
5	0.746	12.63	9.62	22.25	46.00	23.75	Average
6	0.746	23.35	9.62	32.97	56.00	23.03	QP
7	1.106	16.84	9.62	26.46	46.00	19.54	Average
8	1.106	26.17	9.62	35.79	56.00	20.21	QP
9	1.505	14.24	9.63	23.87	46.00	22.13	Average
10	1.505	23.34	9.63	32.97	56.00	23.03	QP
11	1.805	12.01	9.63	21.64	46.00	24.36	Average
12	1.805	21.43	9.63	31.06	56.00	24.94	QP

Neutral:

Test Mode: Charging& FM Receiving
 Port: neutral
 Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.411	15.74	9.61	25.35	47.63	22.28	Average
2	0.411	26.28	9.61	35.89	57.63	21.74	QP
3	0.452	19.90	9.61	29.51	46.84	17.33	Average
4	0.452	30.31	9.61	39.92	56.84	16.92	QP
5	0.559	28.88	9.62	38.50	46.00	7.50	Average
6	0.559	38.54	9.62	48.16	56.00	7.84	QP
7	0.703	10.49	9.62	20.11	46.00	25.89	Average
8	0.703	23.61	9.62	33.23	56.00	22.77	QP
9	0.756	14.10	9.62	23.72	46.00	22.28	Average
10	0.756	26.38	9.62	36.00	56.00	20.00	QP
11	1.054	15.06	9.62	24.68	46.00	21.32	Average
12	1.054	24.15	9.62	33.77	56.00	22.23	QP

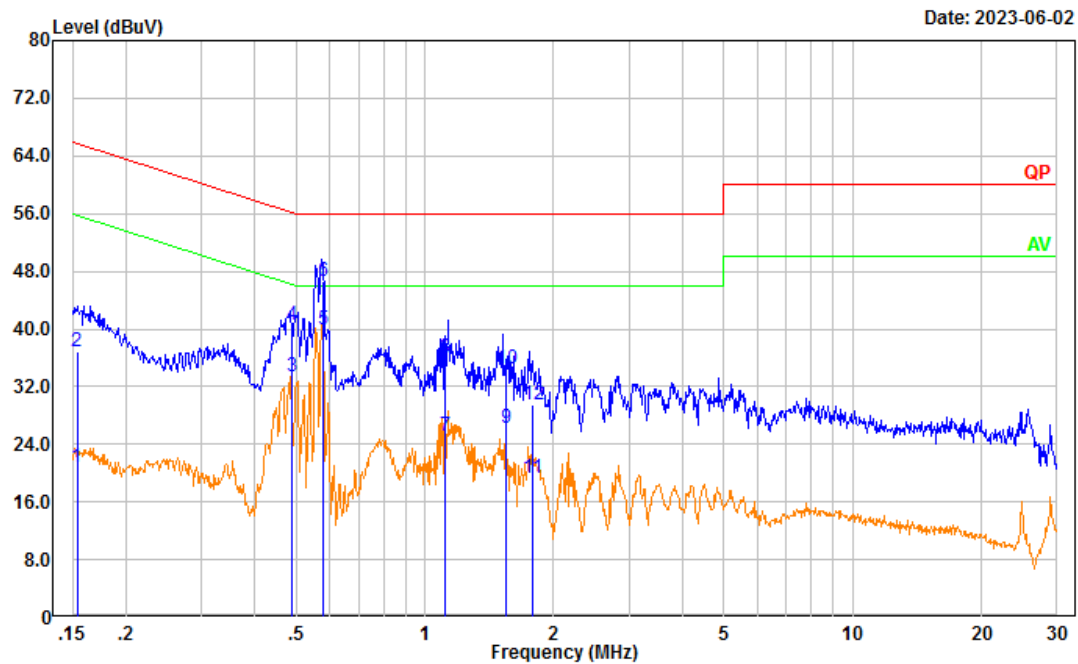
Test Mode: M4 (worst case is operating at 163.275MHz)

Line:

Test Mode: Charging& NOAA receiving

Port: Line

Note:



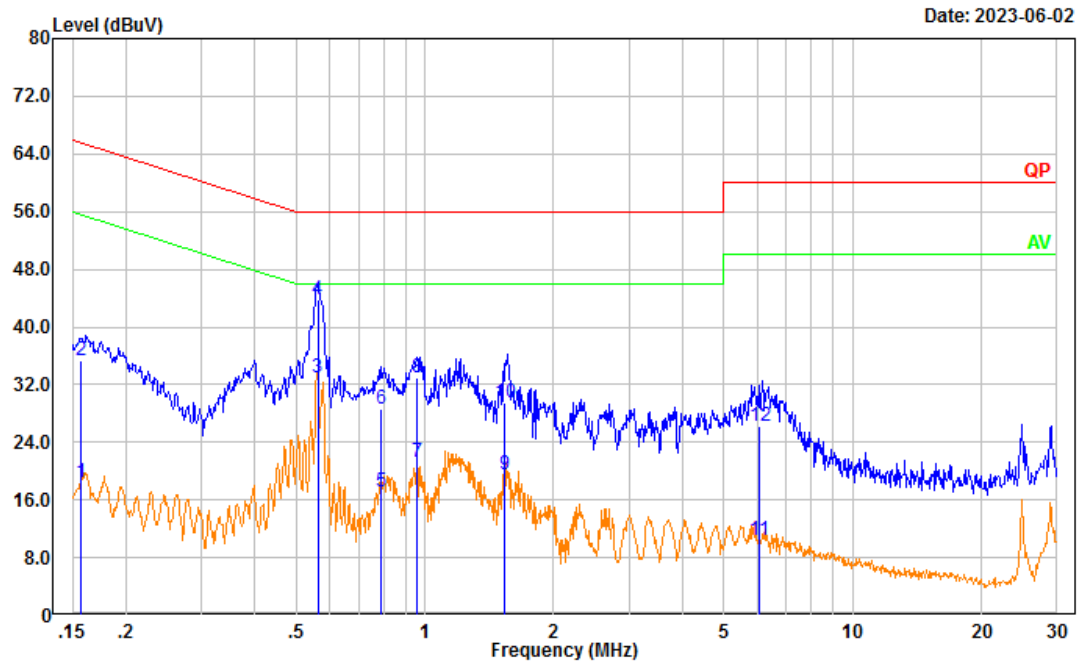
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.154	11.13	9.61	20.74	55.80	35.06	Average
2	0.154	27.17	9.61	36.78	65.80	29.02	QP
3	0.487	23.73	9.61	33.34	46.21	12.87	Average
4	0.487	30.88	9.61	40.49	56.21	15.72	QP
5	0.577	30.37	9.62	39.99	46.00	6.01	Average
6	0.577	37.10	9.62	46.72	56.00	9.28	QP
7	1.115	15.55	9.62	25.17	46.00	20.83	Average
8	1.115	26.43	9.62	36.05	56.00	19.95	QP
9	1.552	16.60	9.63	26.23	46.00	19.77	Average
10	1.552	24.77	9.63	34.40	56.00	21.60	QP
11	1.779	9.74	9.63	19.37	46.00	26.63	Average
12	1.779	19.86	9.63	29.49	56.00	26.51	QP

Neutral:

Test Mode: Charging& NOAA receiving

Port: neutral

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.157	8.71	9.61	18.32	55.62	37.30	Average
2	0.157	25.76	9.61	35.37	65.62	30.25	QP
3	0.562	23.24	9.62	32.86	46.00	13.14	Average
4	0.562	34.09	9.62	43.71	56.00	12.29	QP
5	0.790	7.44	9.62	17.06	46.00	28.94	Average
6	0.790	19.06	9.62	28.68	56.00	27.32	QP
7	0.960	11.65	9.62	21.27	46.00	24.73	Average
8	0.960	23.35	9.62	32.97	56.00	23.03	QP
9	1.537	9.86	9.63	19.49	46.00	26.51	Average
10	1.537	19.81	9.63	29.44	56.00	26.56	QP
11	6.046	0.70	9.66	10.36	50.00	39.64	Average
12	6.046	16.53	9.66	26.19	60.00	33.81	QP

4.2 Radiation Spurious Emissions

Serial Number:	25W9-1	Test Date:	2023/06/05~2023/06/29
Test Site:	966-1,966-2	Test Mode:	M1,M2,M3,M4
Tester:	Tao Zhu, Mack Huang, Carl Xue	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.3~27.2	Relative Humidity: (%)	58~64	ATM Pressure: (kPa)	100.2~100.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18
R&S	EMI Test Receiver	ESR3	102724	2022/07/15	2023/07/14
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2022/07/17	2023/07/16
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2022/07/17	2023/07/16
Sonoma	Amplifier	310N	186165	2022/07/17	2023/07/16
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020/10/13	2023/10/12
R&S	Spectrum Analyzer	FSV40	101591	2022/07/15	2023/07/14
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2022/08/07	2023/08/06
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2022/08/07	2023/08/06
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/09	2023/11/08
Audix	Test Software	E3	201021 (V9)	N/A	N/A
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2022/08/07	2023/08/06
Mini Circuits	High Pass Filter	VHF-6010+	31119	2022/08/07	2023/08/06

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

1) 30MHz-1GHz:

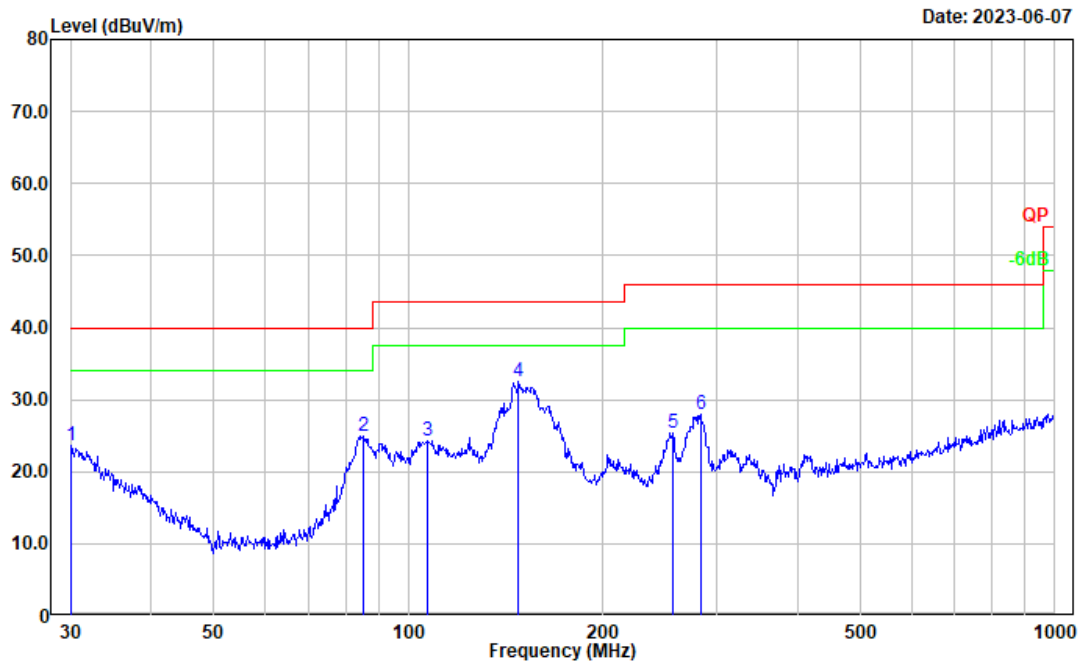
Test Mode: M2

Charging& Scanning

Test Mode: Charging& Scanning

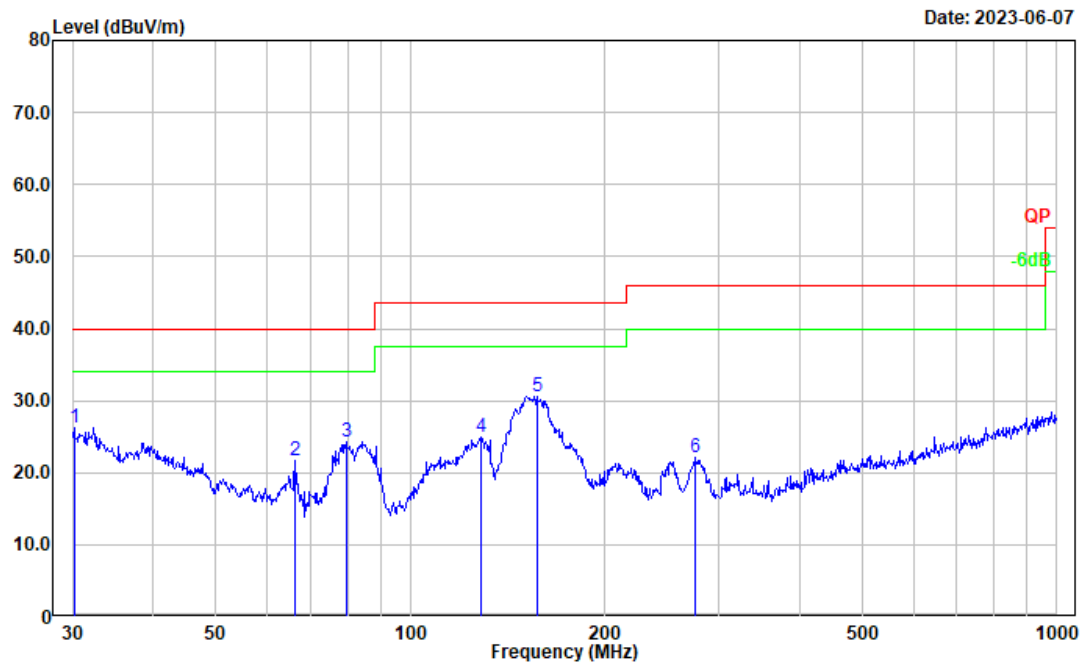
Polarization: horizontal

Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	27.27	-3.68	23.59	40.00	16.41	Peak
2	85.298	42.20	-17.19	25.01	40.00	14.99	Peak
3	106.759	37.27	-12.96	24.31	43.50	19.19	Peak
4	147.921	44.42	-11.99	32.43	43.50	11.07	Peak
5	256.521	38.12	-12.70	25.42	46.00	20.58	Peak
6	282.985	39.40	-11.47	27.93	46.00	18.07	Peak

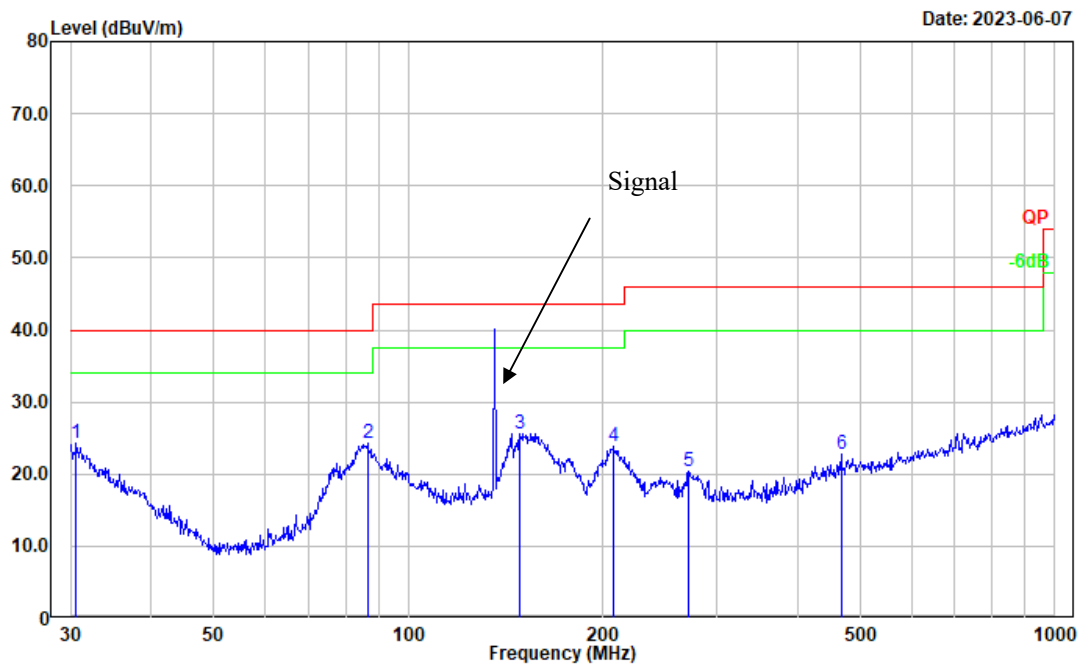
Test Mode: Charging& Scanning
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.211	30.07	-3.76	26.31	40.00	13.69	Peak
2	66.266	38.54	-16.84	21.70	40.00	18.30	Peak
3	79.521	41.64	-17.41	24.23	40.00	15.77	Peak
4	128.563	36.12	-11.28	24.84	43.50	18.66	Peak
5	157.007	42.63	-12.04	30.59	43.50	12.91	Peak
6	275.157	34.03	-11.89	22.14	46.00	23.86	Peak

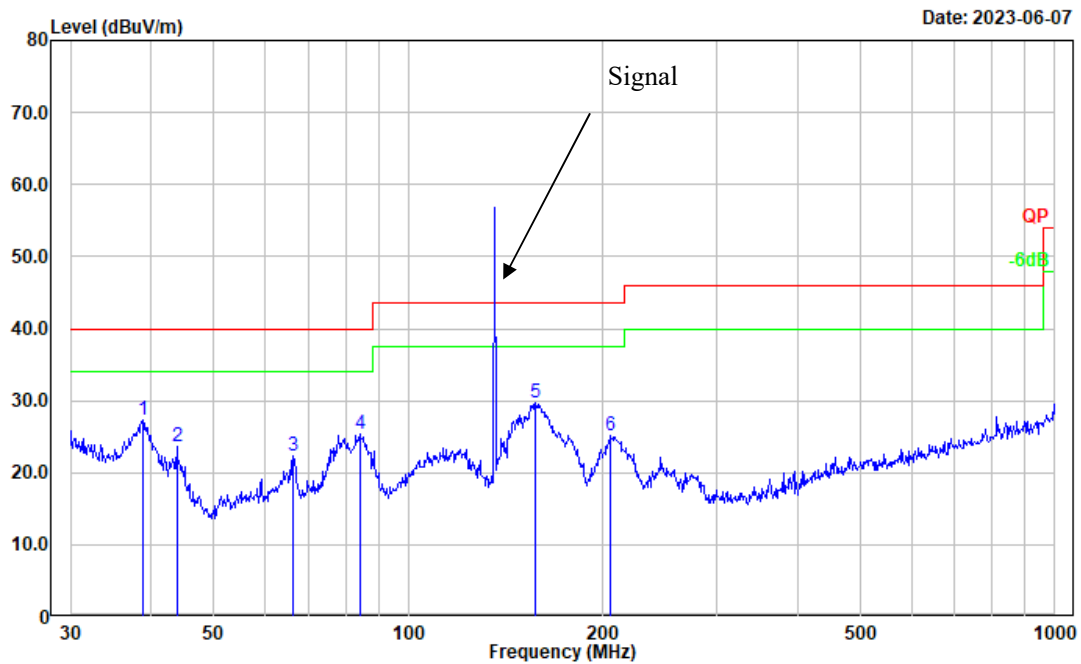
Test Mode: M1
(RX 136.0125MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.638	28.47	-4.09	24.38	40.00	15.62	Peak
2	86.503	41.36	-17.11	24.25	40.00	15.75	Peak
3	148.441	37.69	-12.00	25.69	43.50	17.81	Peak
4	207.850	36.24	-12.43	23.81	43.50	19.69	Peak
5	271.325	32.47	-12.04	20.43	46.00	25.57	Peak
6	467.235	29.25	-6.41	22.84	46.00	23.16	Peak

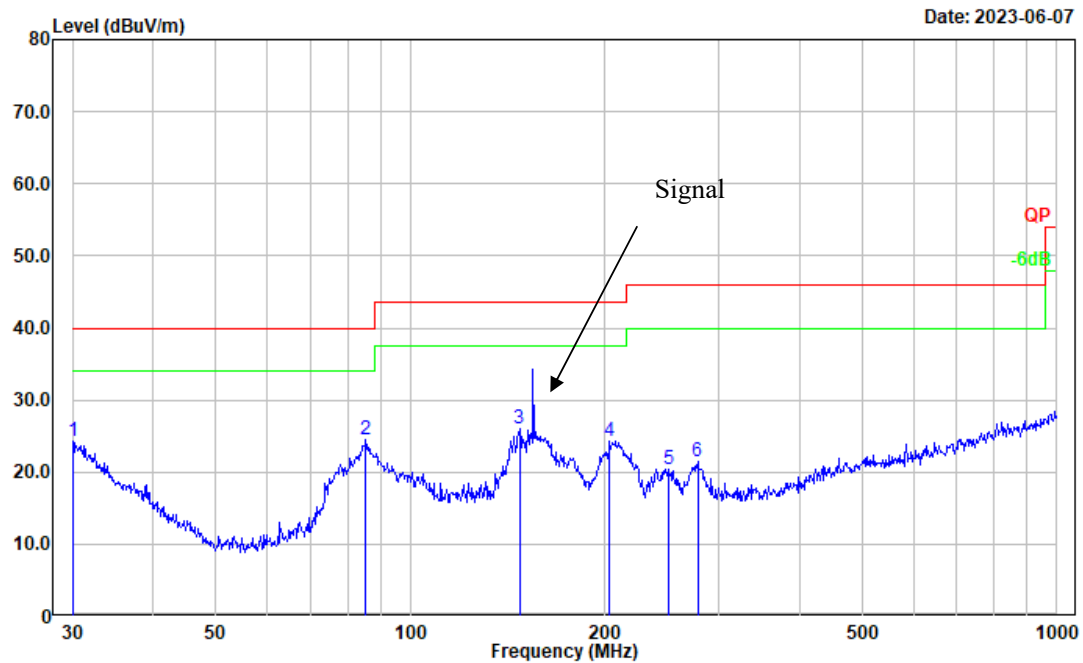
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	38.752	37.58	-10.32	27.26	40.00	12.74	Peak
2	43.812	37.10	-13.56	23.54	40.00	16.46	Peak
3	66.266	39.23	-16.84	22.39	40.00	17.61	Peak
4	84.110	42.53	-17.23	25.30	40.00	14.70	Peak
5	157.559	41.73	-12.05	29.68	43.50	13.82	Peak
6	204.955	37.46	-12.36	25.10	43.50	18.40	Peak

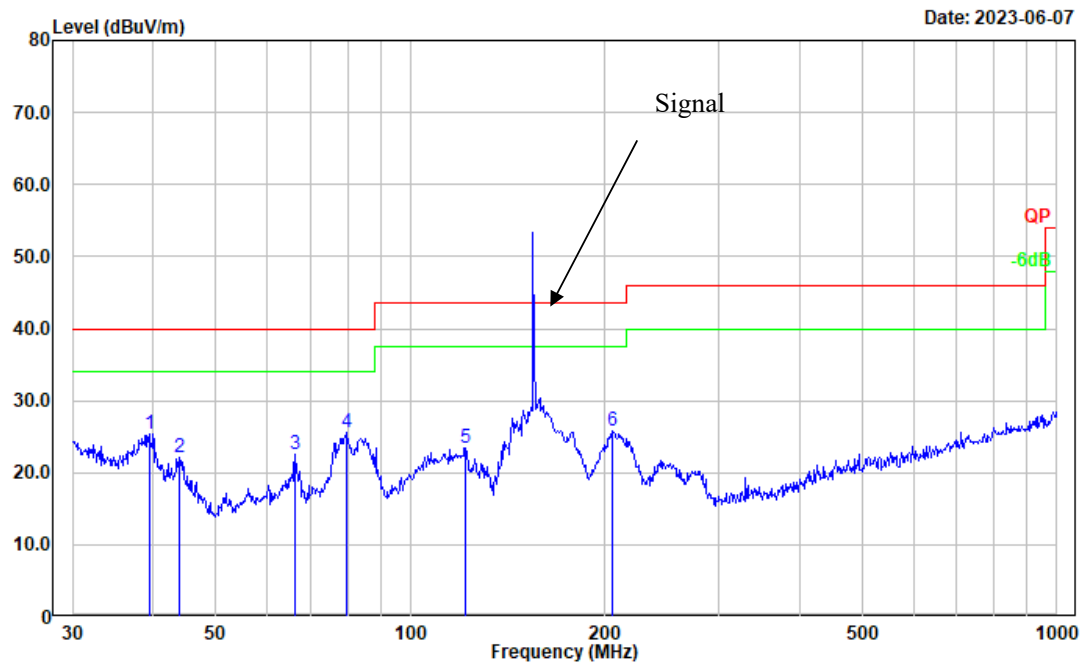
(RX 155MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	28.00	-3.68	24.32	40.00	15.68	Peak
2	85.298	41.68	-17.19	24.49	40.00	15.51	Peak
3	147.404	38.05	-11.99	26.06	43.50	17.44	Peak
4	203.523	36.64	-12.32	24.32	43.50	19.18	Peak
5	250.301	33.54	-13.08	20.46	46.00	25.54	Peak
6	278.067	33.29	-11.75	21.54	46.00	24.46	Peak

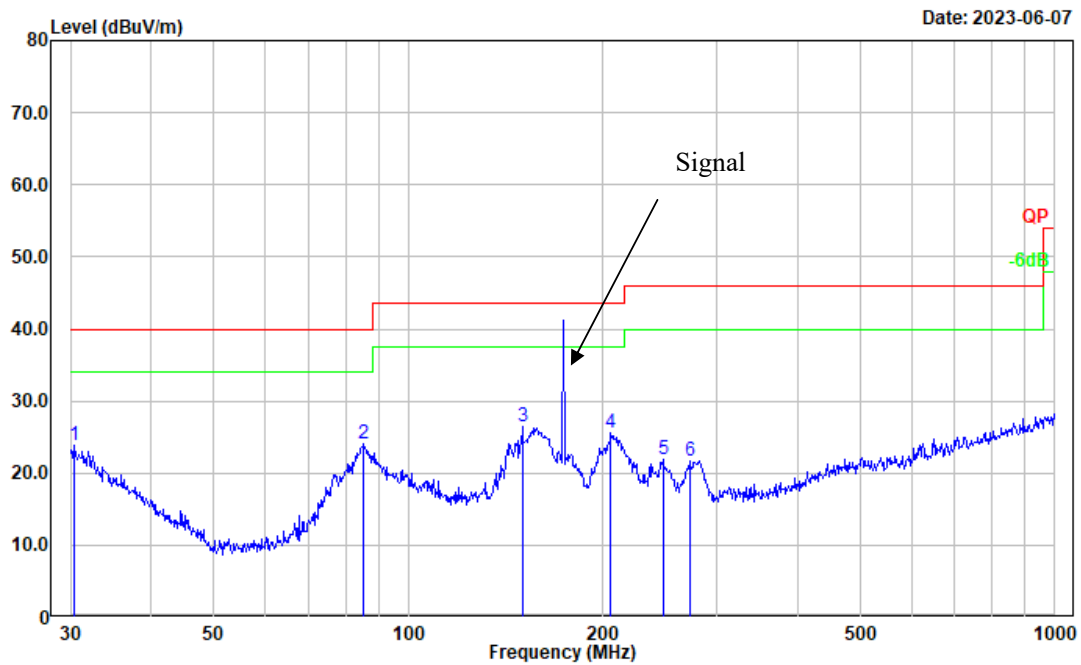
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	39.437	36.24	-10.87	25.37	40.00	14.63	Peak
2	43.966	35.70	-13.65	22.05	40.00	17.95	Peak
3	66.266	39.41	-16.84	22.57	40.00	17.43	Peak
4	79.800	42.98	-17.44	25.54	40.00	14.46	Peak
5	121.549	34.94	-11.43	23.51	43.50	19.99	Peak
6	204.955	38.10	-12.36	25.74	43.50	17.76	Peak

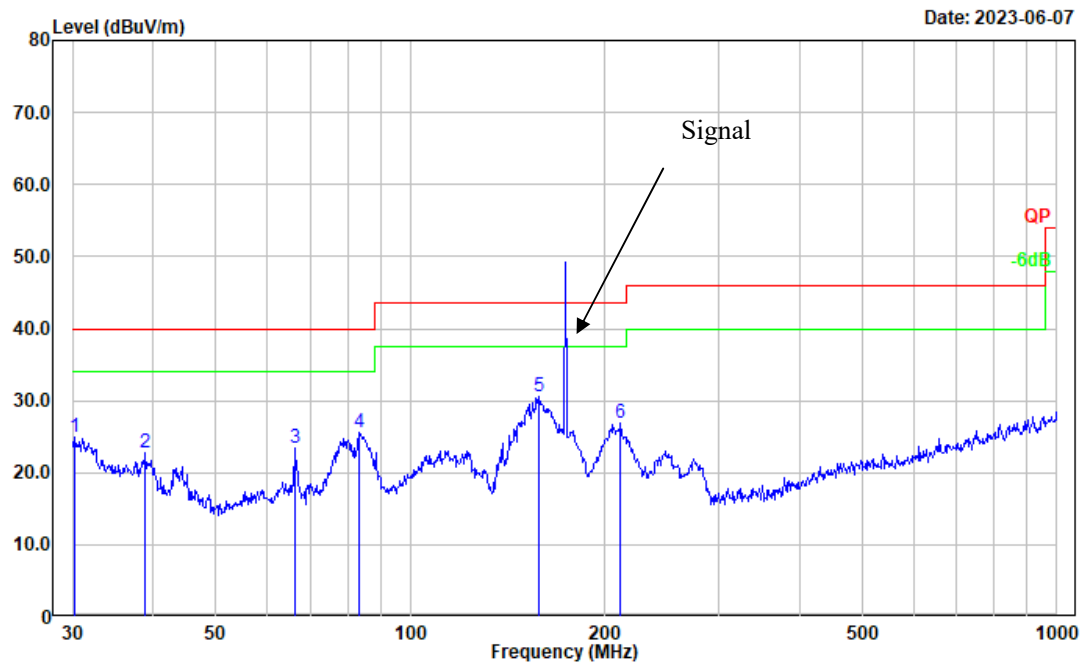
(RX 173.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.424	27.80	-3.93	23.87	40.00	16.13	Peak
2	85.298	41.19	-17.19	24.00	40.00	16.00	Peak
3	150.011	38.50	-12.00	26.50	43.50	17.00	Peak
4	205.675	37.90	-12.37	25.53	43.50	17.97	Peak
5	247.682	34.92	-13.04	21.88	46.00	24.12	Peak
6	272.278	33.74	-12.00	21.74	46.00	24.26	Peak

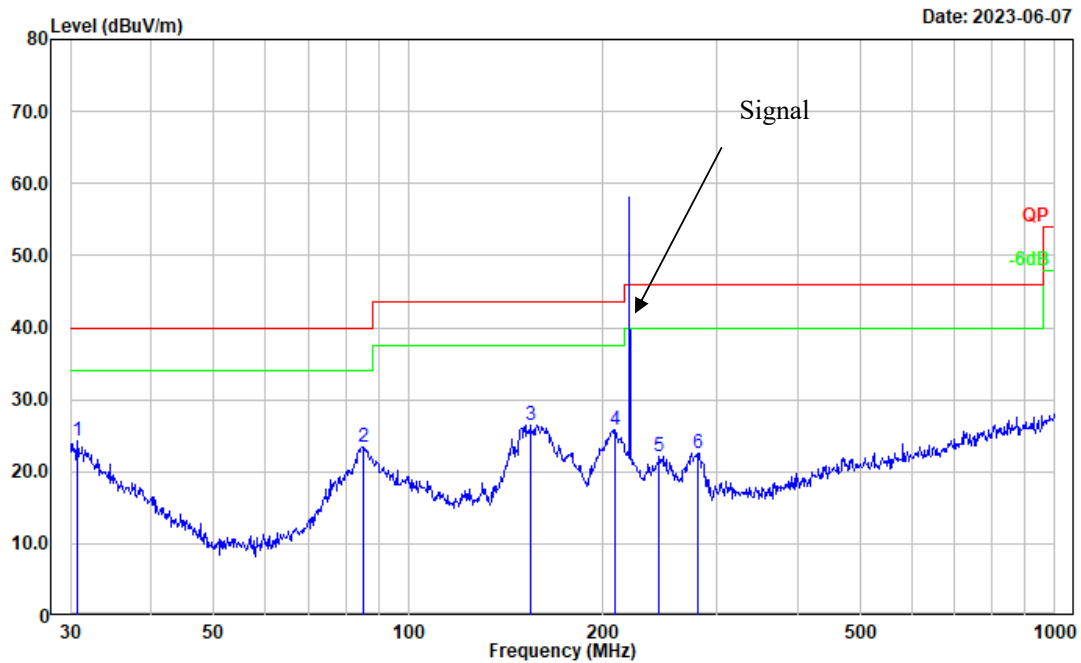
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.317	28.89	-3.85	25.04	40.00	14.96	Peak
2	38.888	33.25	-10.43	22.82	40.00	17.18	Peak
3	66.266	40.16	-16.84	23.32	40.00	16.68	Peak
4	83.230	42.74	-17.23	25.51	40.00	14.49	Peak
5	158.112	42.64	-12.06	30.58	43.50	12.92	Peak
6	211.527	39.40	-12.52	26.88	43.50	16.62	Peak

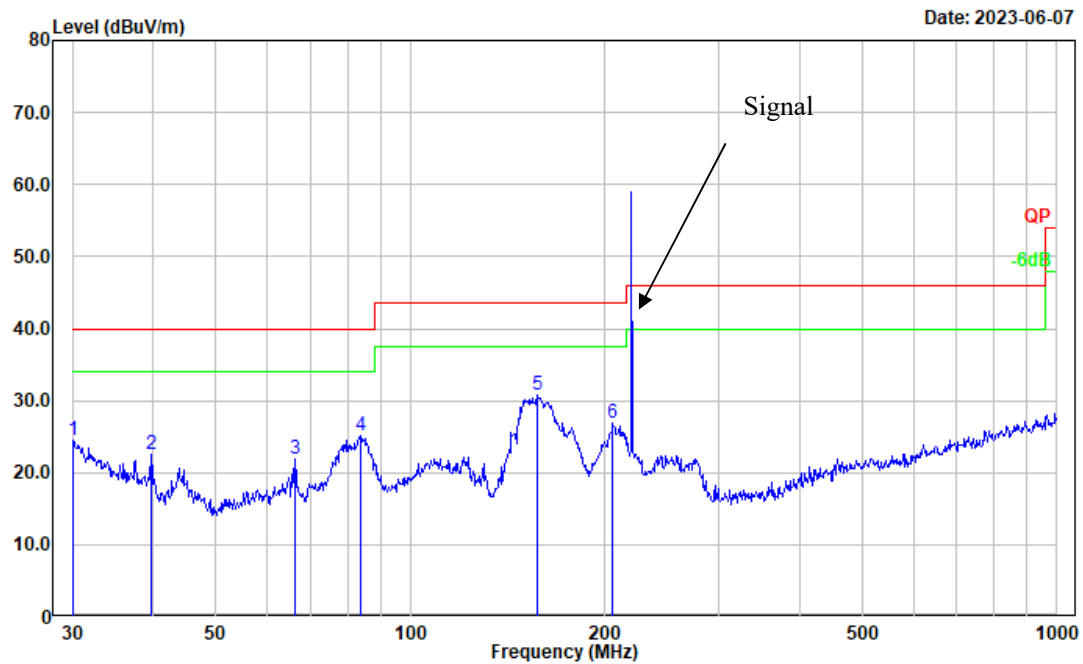
(RX 220.0125 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.745	28.35	-4.17	24.18	40.00	15.82	Peak
2	84.999	40.70	-17.19	23.51	40.00	16.49	Peak
3	154.279	38.51	-12.03	26.48	43.50	17.02	Peak
4	208.580	38.21	-12.44	25.77	43.50	17.73	Peak
5	244.232	35.13	-12.98	22.15	46.00	23.85	Peak
6	281.008	34.20	-11.60	22.60	46.00	23.40	Peak

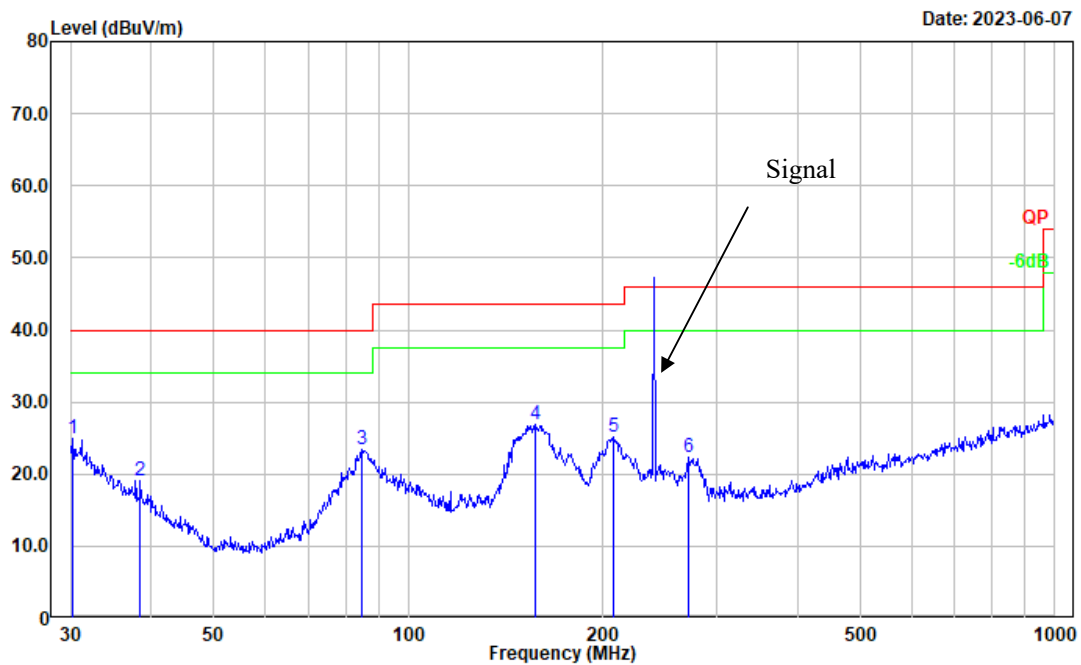
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	28.00	-3.60	24.40	40.00	15.60	Peak
2	39.715	33.55	-11.09	22.46	40.00	17.54	Peak
3	66.266	38.66	-16.84	21.82	40.00	18.18	Peak
4	83.816	42.40	-17.24	25.16	40.00	14.84	Peak
5	157.007	42.78	-12.04	30.74	43.50	12.76	Peak
6	205.675	39.28	-12.37	26.91	43.50	16.59	Peak

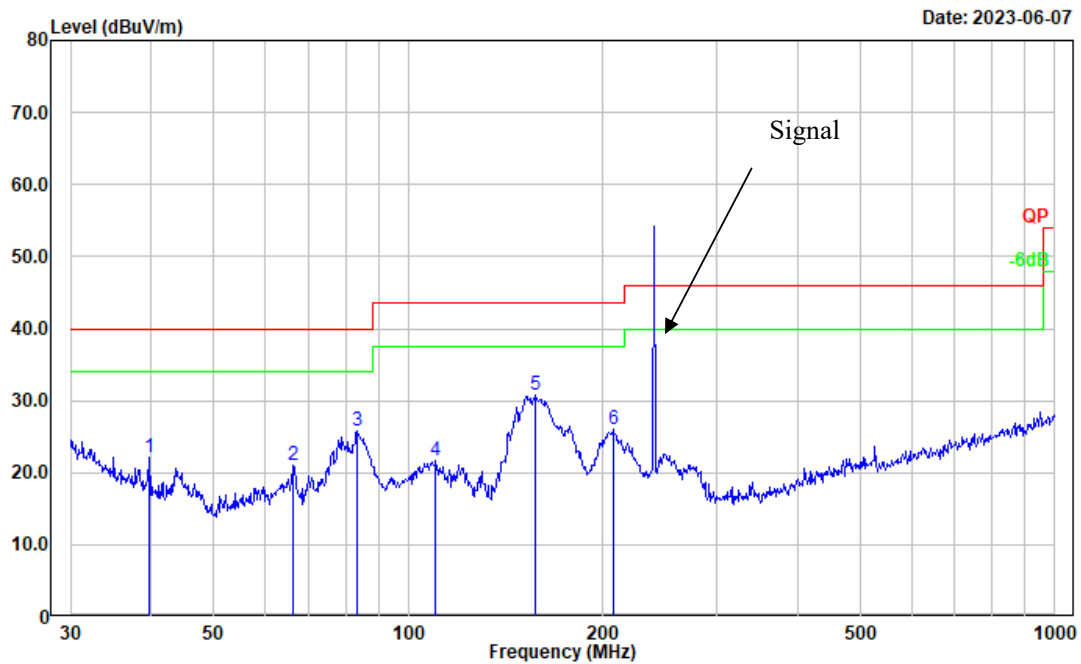
(RX 240 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.317	28.81	-3.85	24.96	40.00	15.04	Peak
2	38.481	29.19	-10.11	19.08	40.00	20.92	Peak
3	84.702	40.62	-17.20	23.42	40.00	16.58	Peak
4	157.559	38.87	-12.05	26.82	43.50	16.68	Peak
5	207.123	37.65	-12.40	25.25	43.50	18.25	Peak
6	271.325	34.42	-12.04	22.38	46.00	23.62	Peak

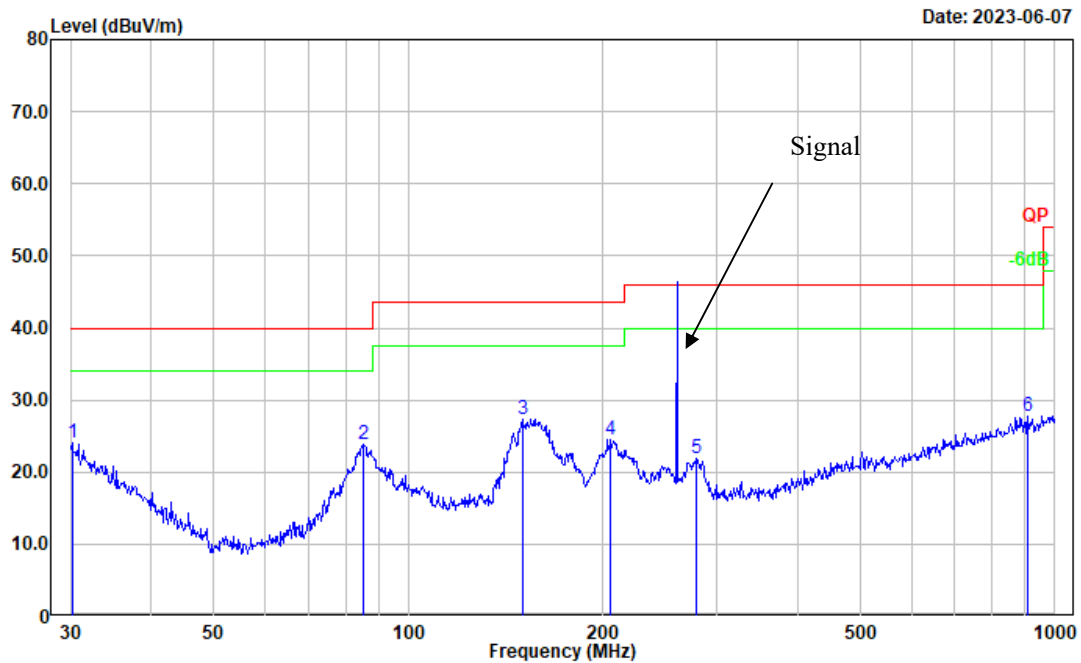
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	39.715	33.31	-11.09	22.22	40.00	17.78	Peak
2	66.266	37.96	-16.84	21.12	40.00	18.88	Peak
3	83.230	42.93	-17.23	25.70	40.00	14.30	Peak
4	110.182	33.99	-12.32	21.67	43.50	21.83	Peak
5	157.559	42.74	-12.05	30.69	43.50	12.81	Peak
6	207.123	38.37	-12.40	25.97	43.50	17.53	Peak

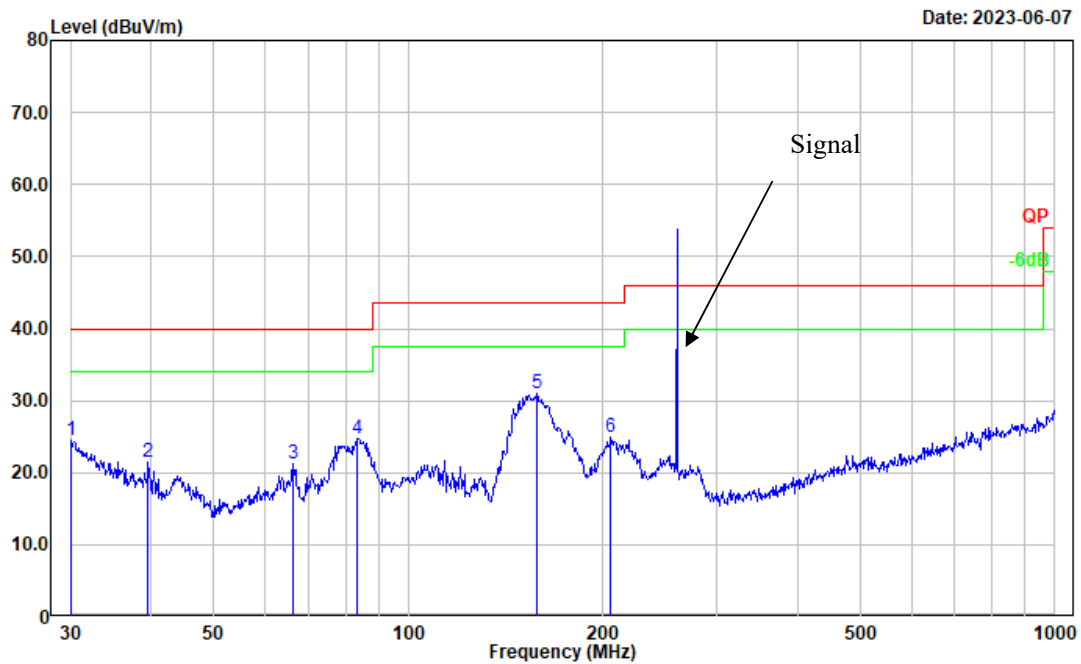
(RX 259.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.211	27.91	-3.76	24.15	40.00	15.85	Peak
2	84.999	40.97	-17.19	23.78	40.00	16.22	Peak
3	150.011	39.38	-12.00	27.38	43.50	16.12	Peak
4	205.675	36.98	-12.37	24.61	43.50	18.89	Peak
5	279.044	33.57	-11.71	21.86	46.00	24.14	Peak
6	909.667	28.36	-0.68	27.68	46.00	18.32	Peak

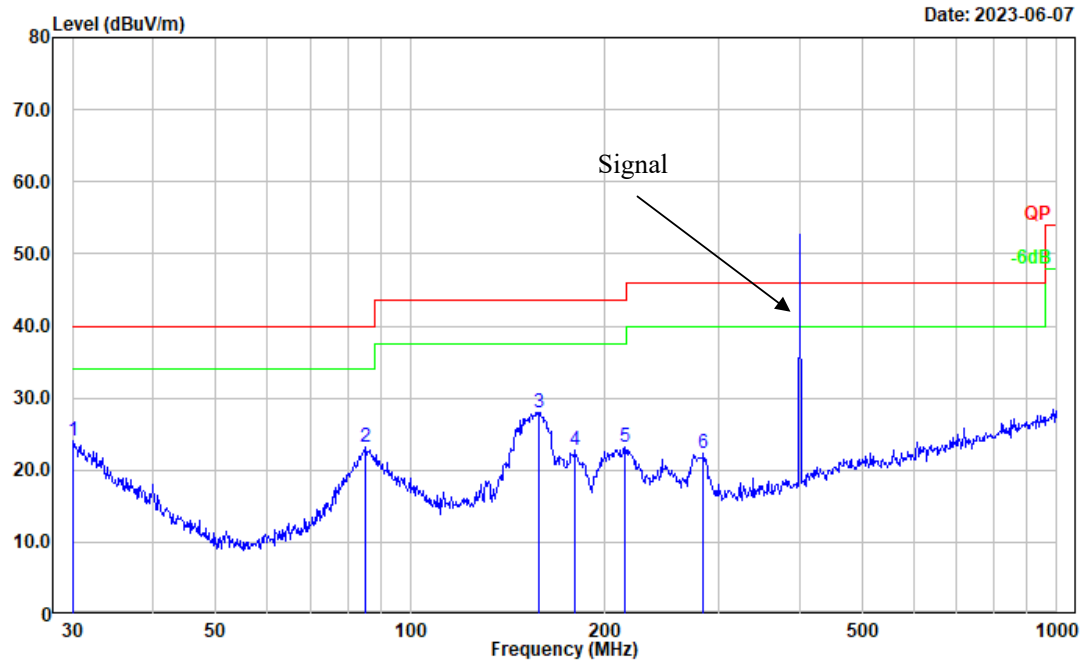
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	28.10	-3.60	24.50	40.00	15.50	Peak
2	39.576	32.42	-10.98	21.44	40.00	18.56	Peak
3	66.266	38.07	-16.84	21.23	40.00	18.77	Peak
4	83.522	42.00	-17.24	24.76	40.00	15.24	Peak
5	158.112	43.00	-12.06	30.94	43.50	12.56	Peak
6	205.675	37.23	-12.37	24.86	43.50	18.64	Peak

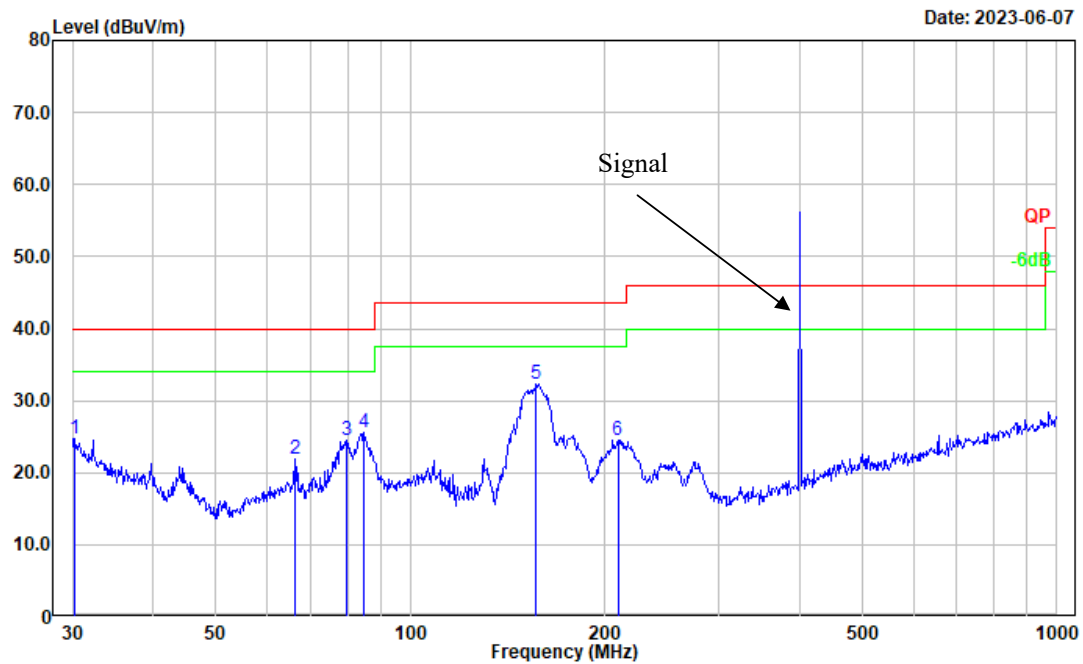
(RX 400.0125 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	27.85	-3.68	24.17	40.00	15.83	Peak
2	84.999	40.35	-17.19	23.16	40.00	16.84	Peak
3	158.112	40.12	-12.06	28.06	43.50	15.44	Peak
4	180.017	36.45	-13.63	22.82	43.50	20.68	Peak
5	214.514	35.87	-12.60	23.27	43.50	20.23	Peak
6	283.979	33.69	-11.40	22.29	46.00	23.71	Peak

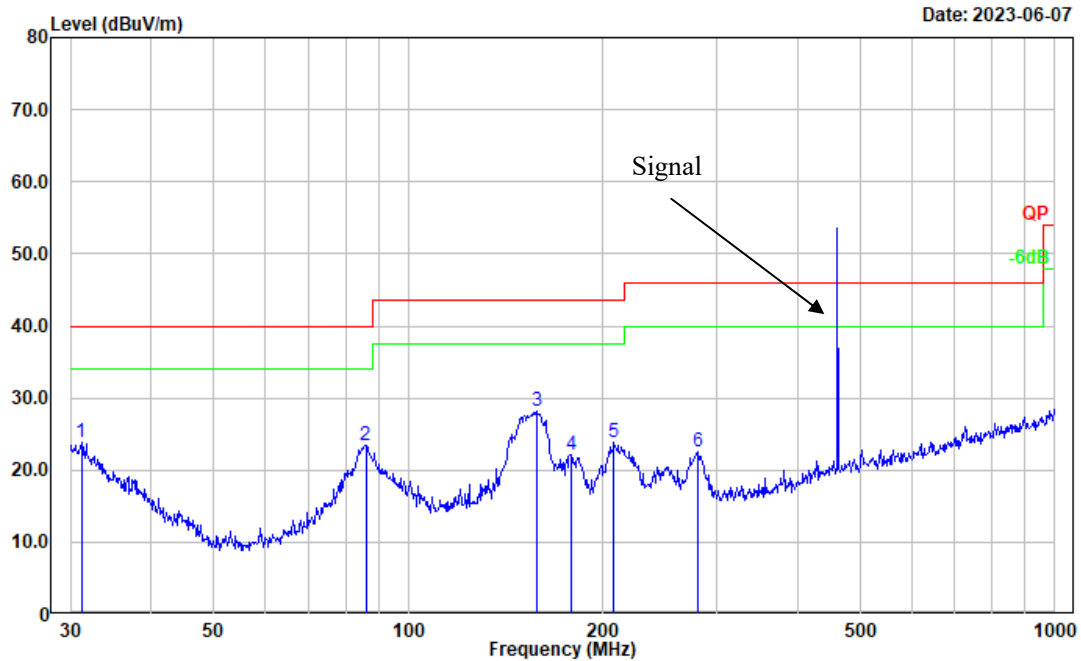
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.317	28.62	-3.85	24.77	40.00	15.23	Peak
2	66.266	38.73	-16.84	21.89	40.00	18.11	Peak
3	79.800	41.90	-17.44	24.46	40.00	15.54	Peak
4	84.702	42.83	-17.20	25.63	40.00	14.37	Peak
5	156.458	44.35	-12.04	32.31	43.50	11.19	Peak
6	209.313	37.04	-12.46	24.58	43.50	18.92	Peak

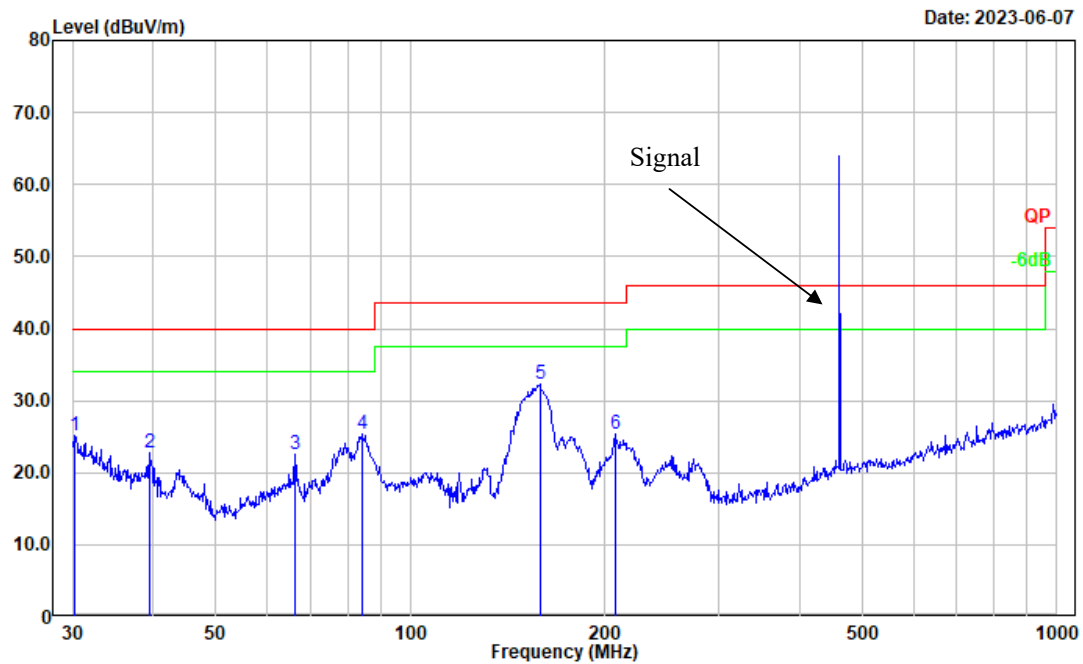
(RX 460 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.180	28.25	-4.50	23.75	40.00	16.25	Peak
2	85.898	40.55	-17.15	23.40	40.00	16.60	Peak
3	158.112	40.23	-12.06	28.17	43.50	15.33	Peak
4	178.758	35.70	-13.55	22.15	43.50	21.35	Peak
5	207.850	36.29	-12.43	23.86	43.50	19.64	Peak
6	281.008	34.13	-11.60	22.53	46.00	23.47	Peak

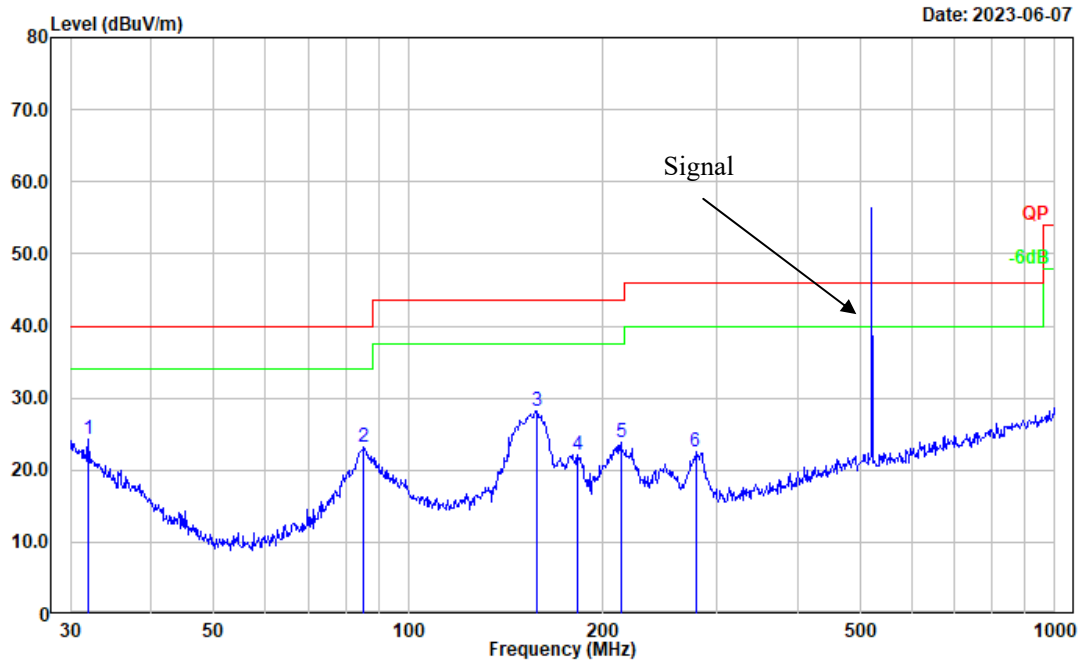
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.211	28.86	-3.76	25.10	40.00	14.90	Peak
2	39.437	33.63	-10.87	22.76	40.00	17.24	Peak
3	66.266	39.29	-16.84	22.45	40.00	17.55	Peak
4	84.405	42.48	-17.22	25.26	40.00	14.74	Peak
5	158.668	44.30	-12.05	32.25	43.50	11.25	Peak
6	207.123	37.82	-12.40	25.42	43.50	18.08	Peak

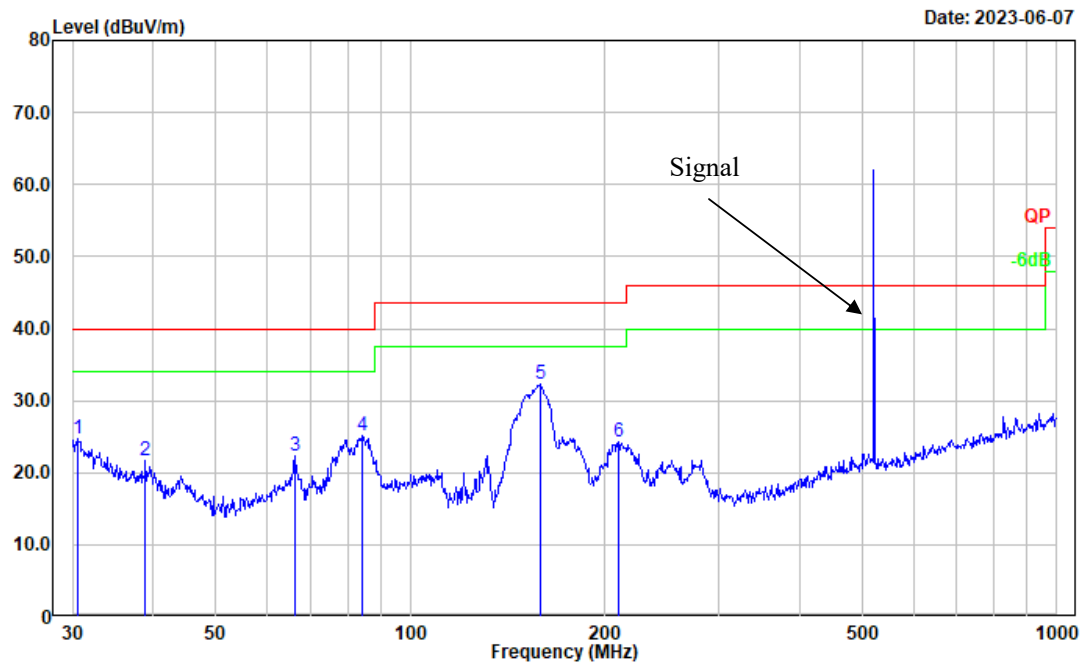
(RX 519.9875 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.955	29.44	-5.08	24.36	40.00	15.64	Peak
2	85.298	40.40	-17.19	23.21	40.00	16.79	Peak
3	158.112	40.30	-12.06	28.24	43.50	15.26	Peak
4	182.559	35.79	-13.60	22.19	43.50	21.31	Peak
5	213.015	36.29	-12.54	23.75	43.50	19.75	Peak
6	278.067	34.38	-11.75	22.63	46.00	23.37	Peak

Test Mode: Charging& Receiving
Polarization: vertical
Note:

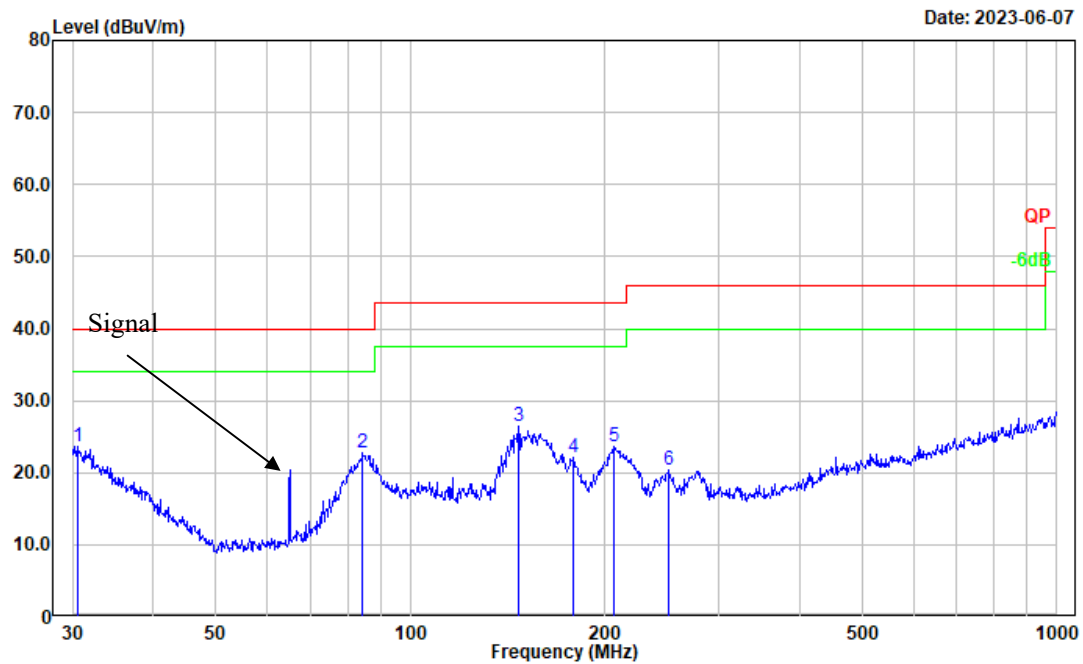


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	28.73	-4.00	24.73	40.00	15.27	Peak
2	38.888	32.15	-10.43	21.72	40.00	18.28	Peak
3	66.266	39.18	-16.84	22.34	40.00	17.66	Peak
4	84.405	42.38	-17.22	25.16	40.00	14.84	Peak
5	158.668	44.38	-12.05	32.33	43.50	11.17	Peak
6	210.048	36.67	-12.47	24.20	43.50	19.30	Peak

Test Mode: M3

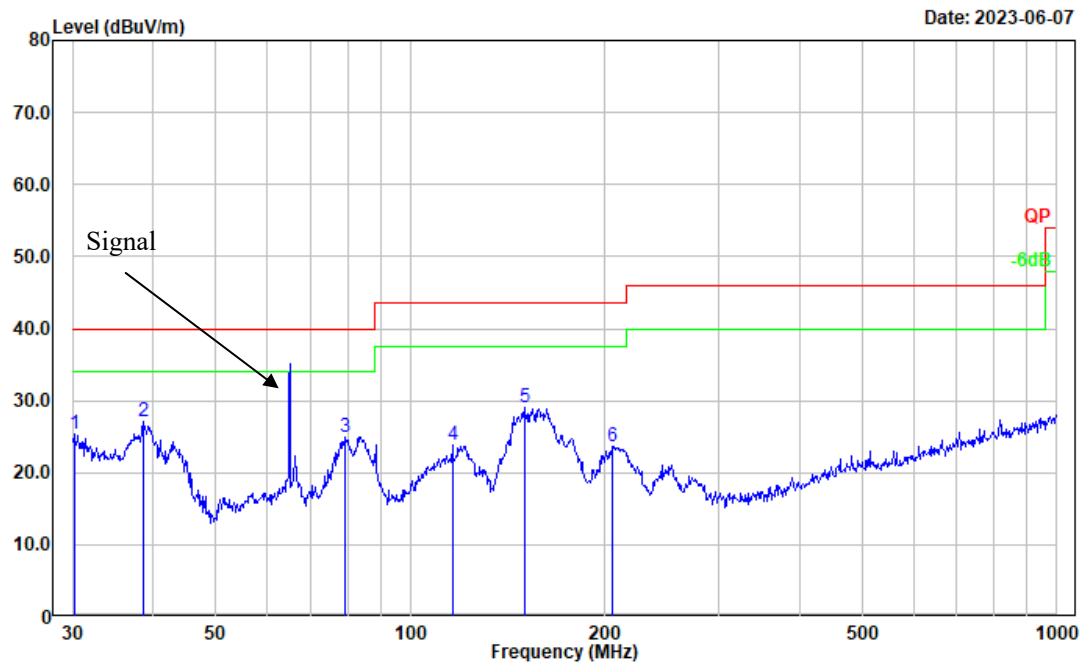
(FM 65.1 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	27.74	-4.00	23.74	40.00	16.26	Peak
2	84.405	40.02	-17.22	22.80	40.00	17.20	Peak
3	146.888	38.44	-11.98	26.46	43.50	17.04	Peak
4	178.758	35.68	-13.55	22.13	43.50	21.37	Peak
5	206.398	35.92	-12.39	23.53	43.50	19.97	Peak
6	251.180	33.41	-13.03	20.38	46.00	25.62	Peak

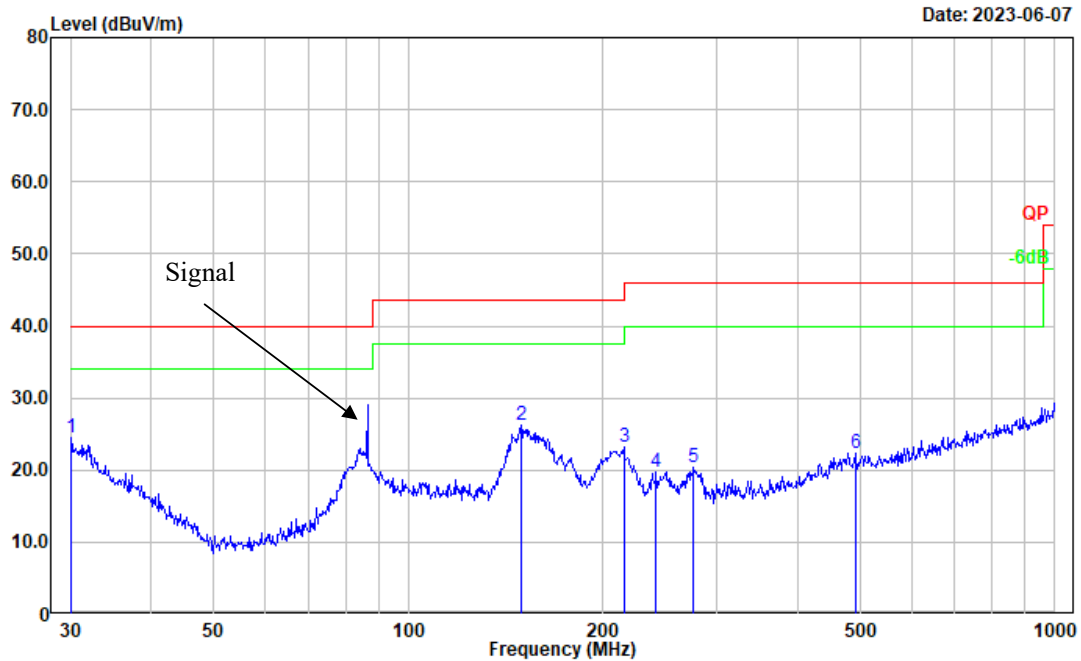
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.211	29.18	-3.76	25.42	40.00	14.58	Peak
2	38.616	37.35	-10.22	27.13	40.00	12.87	Peak
3	79.243	42.36	-17.37	24.99	40.00	15.01	Peak
4	116.132	35.58	-11.82	23.76	43.50	19.74	Peak
5	150.011	41.08	-12.00	29.08	43.50	14.42	Peak
6	204.955	35.97	-12.36	23.61	43.50	19.89	Peak

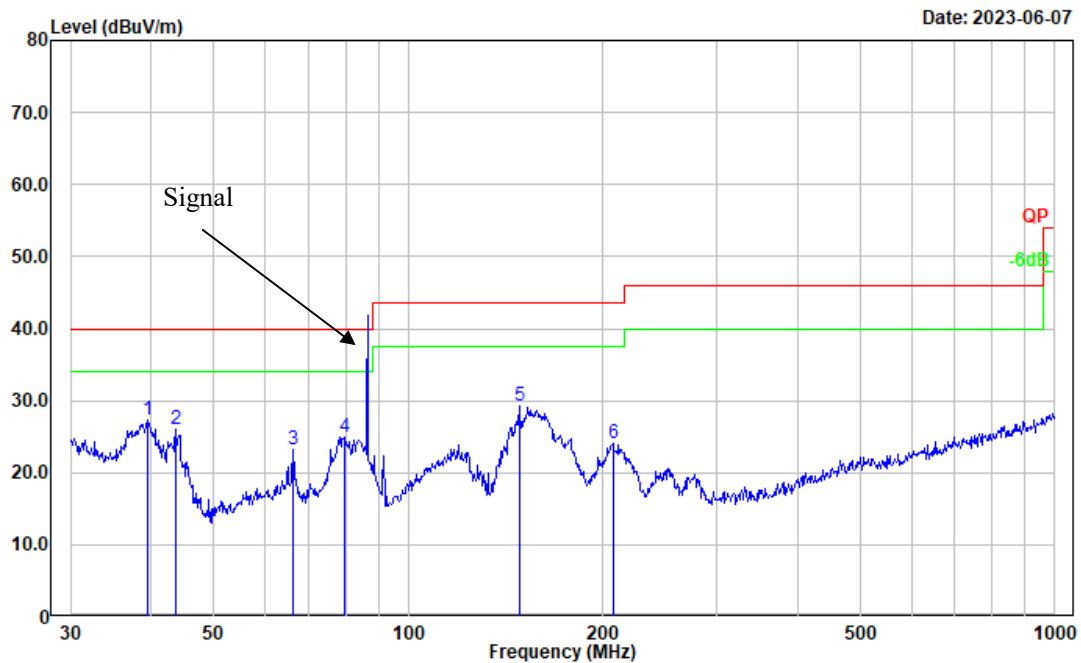
(FM 86.5 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	28.15	-3.60	24.55	40.00	15.45	Peak
2	149.486	38.17	-12.00	26.17	43.50	17.33	Peak
3	215.268	35.71	-12.61	23.10	43.50	20.40	Peak
4	241.676	32.69	-13.00	19.69	46.00	26.31	Peak
5	276.124	32.13	-11.84	20.29	46.00	25.71	Peak
6	490.745	28.47	-6.20	22.27	46.00	23.73	Peak

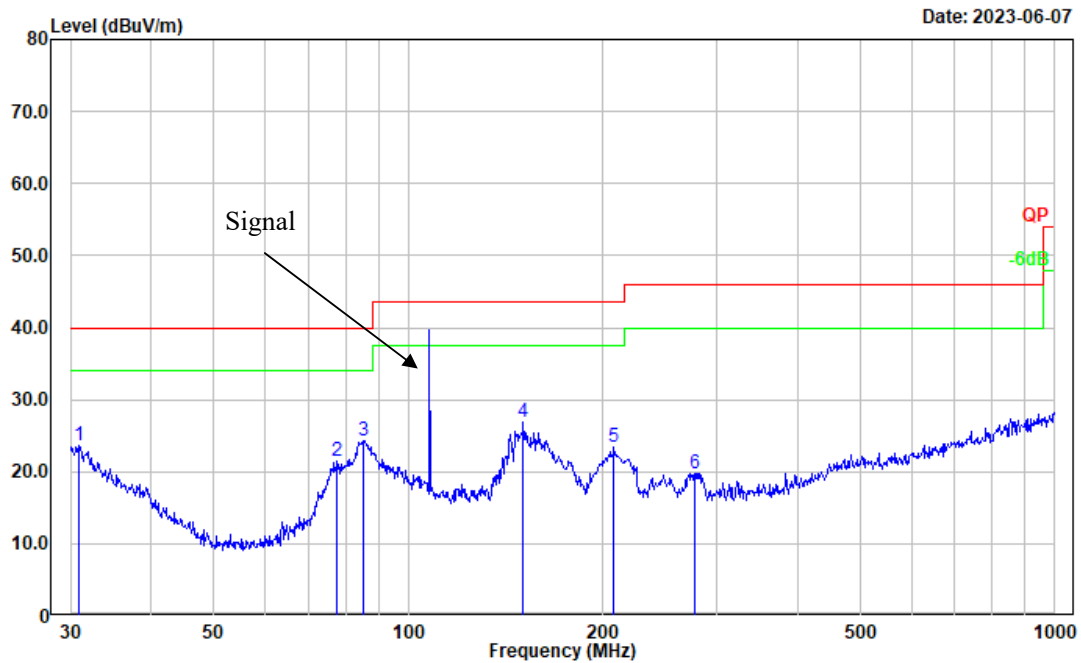
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	39.437	38.20	-10.87	27.33	40.00	12.67	Peak
2	43.659	39.38	-13.46	25.92	40.00	14.08	Peak
3	66.266	40.09	-16.84	23.25	40.00	16.75	Peak
4	79.800	42.46	-17.44	25.02	40.00	14.98	Peak
5	148.441	41.25	-12.00	29.25	43.50	14.25	Peak
6	207.123	36.54	-12.40	24.14	43.50	19.36	Peak

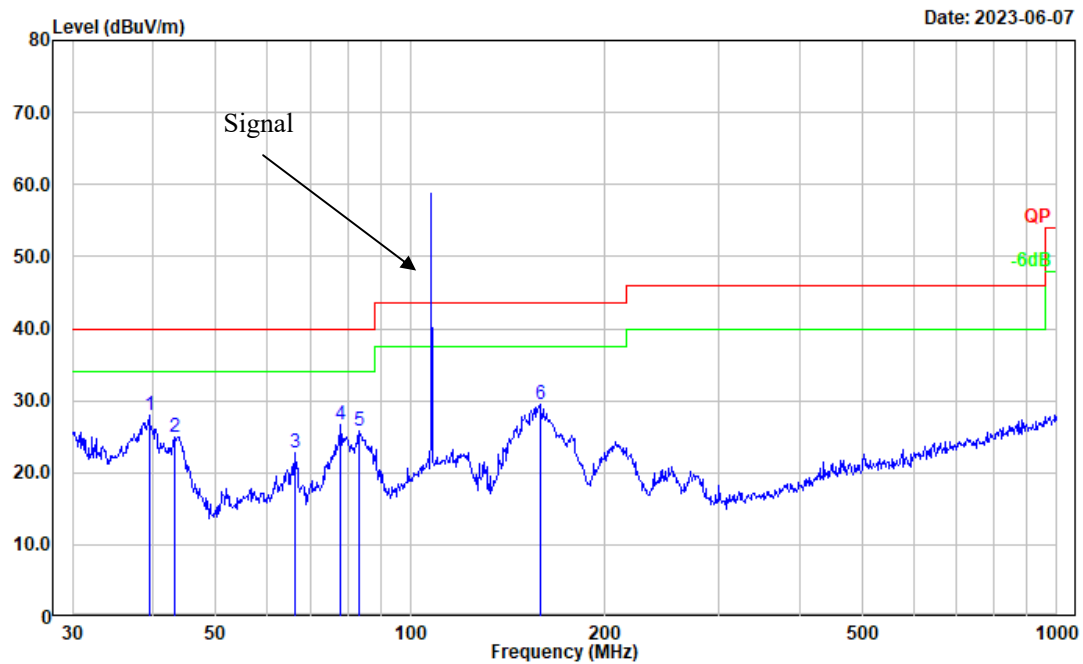
(FM 107.9 MHz)

Test Mode: Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.853	27.96	-4.26	23.70	40.00	16.30	Peak
2	77.593	38.61	-17.21	21.40	40.00	18.60	Peak
3	84.999	41.53	-17.19	24.34	40.00	15.66	Peak
4	150.538	38.94	-12.03	26.91	43.50	16.59	Peak
5	207.850	35.81	-12.43	23.38	43.50	20.12	Peak
6	277.094	31.57	-11.80	19.77	46.00	26.23	Peak

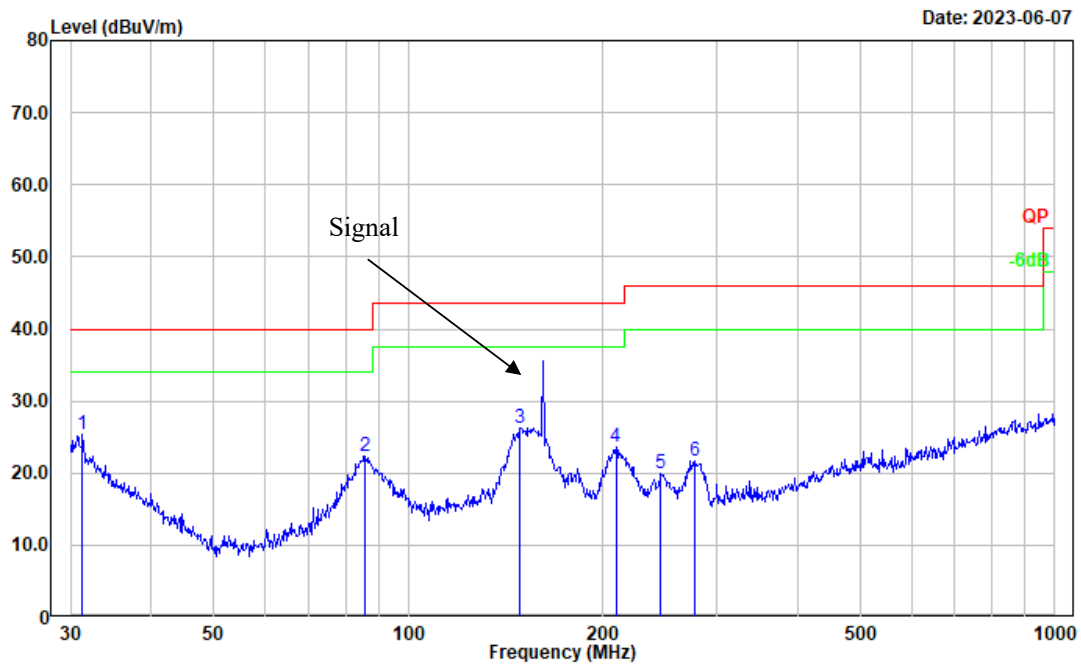
Test Mode: Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	39.437	38.76	-10.87	27.89	40.00	12.11	Peak
2	43.202	38.14	-13.19	24.95	40.00	15.05	Peak
3	66.266	39.61	-16.84	22.77	40.00	17.23	Peak
4	77.865	43.98	-17.25	26.73	40.00	13.27	Peak
5	83.522	43.08	-17.24	25.84	40.00	14.16	Peak
6	158.668	41.46	-12.05	29.41	43.50	14.09	Peak

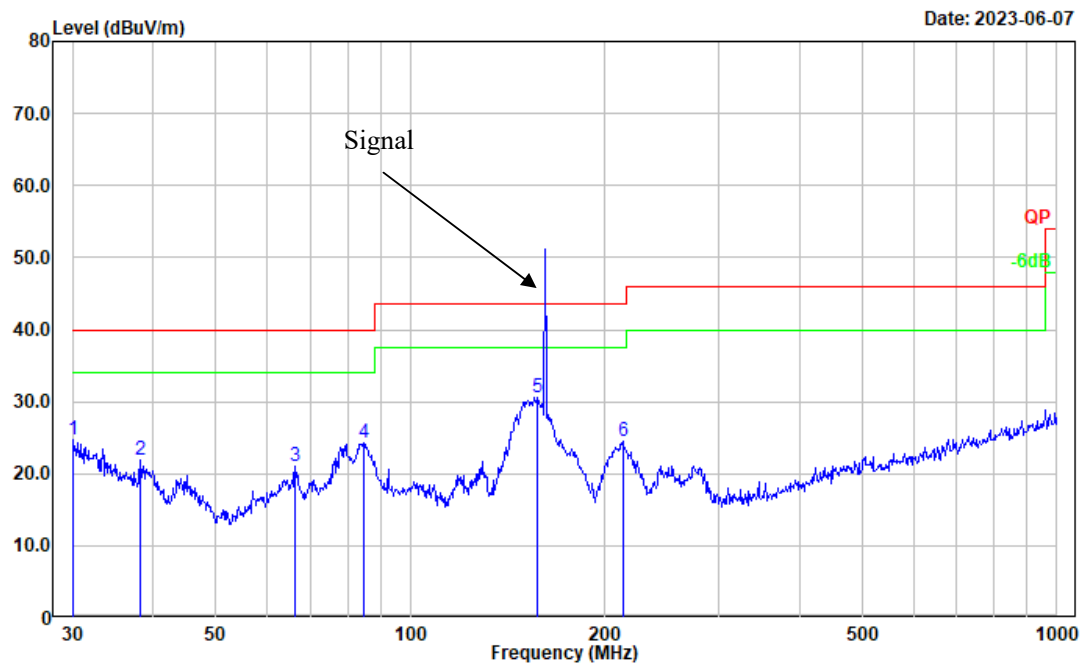
Test Mode: M4
(161.65 MHz)

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.289	29.86	-4.59	25.27	40.00	14.73	Peak
2	85.598	39.48	-17.15	22.33	40.00	17.67	Peak
3	148.441	38.30	-12.00	26.30	43.50	17.20	Peak
4	209.313	36.19	-12.46	23.73	43.50	19.77	Peak
5	245.951	32.92	-12.99	19.93	46.00	26.07	Peak
6	277.094	33.58	-11.80	21.78	46.00	24.22	Peak

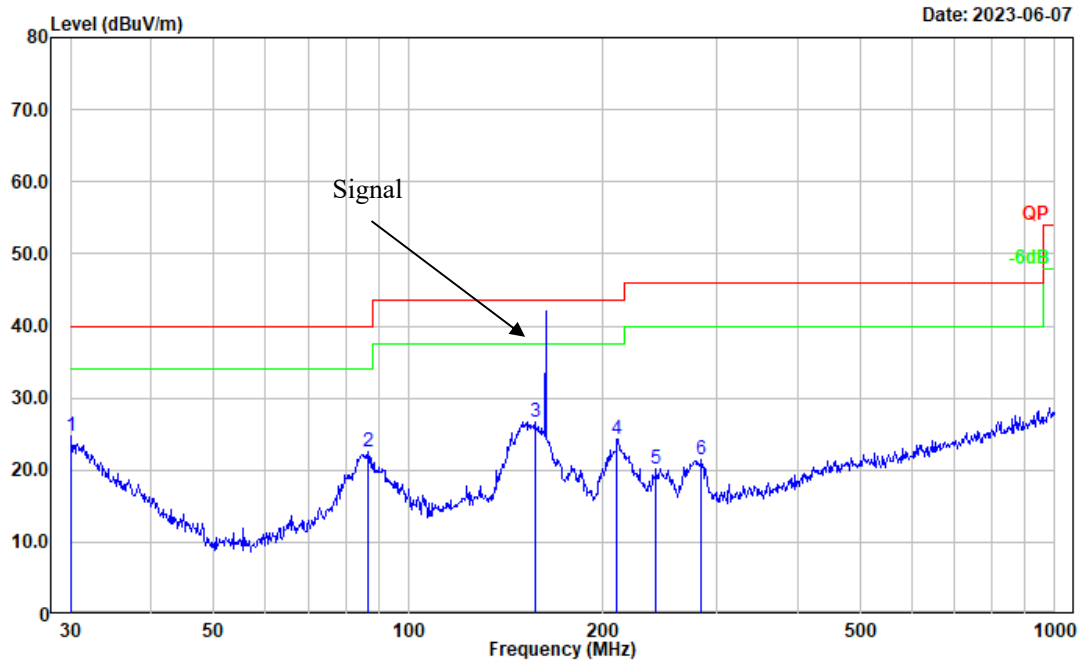
Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:



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	38.212	31.85	-9.91	21.94	40.00	18.06	Peak
3	66.266	37.90	-16.84	21.06	40.00	18.94	Peak
4	84.702	41.41	-17.20	24.21	40.00	15.79	Peak
5	157.559	42.61	-12.05	30.56	43.50	12.94	Peak
6	213.015	37.08	-12.54	24.54	43.50	18.96	Peak

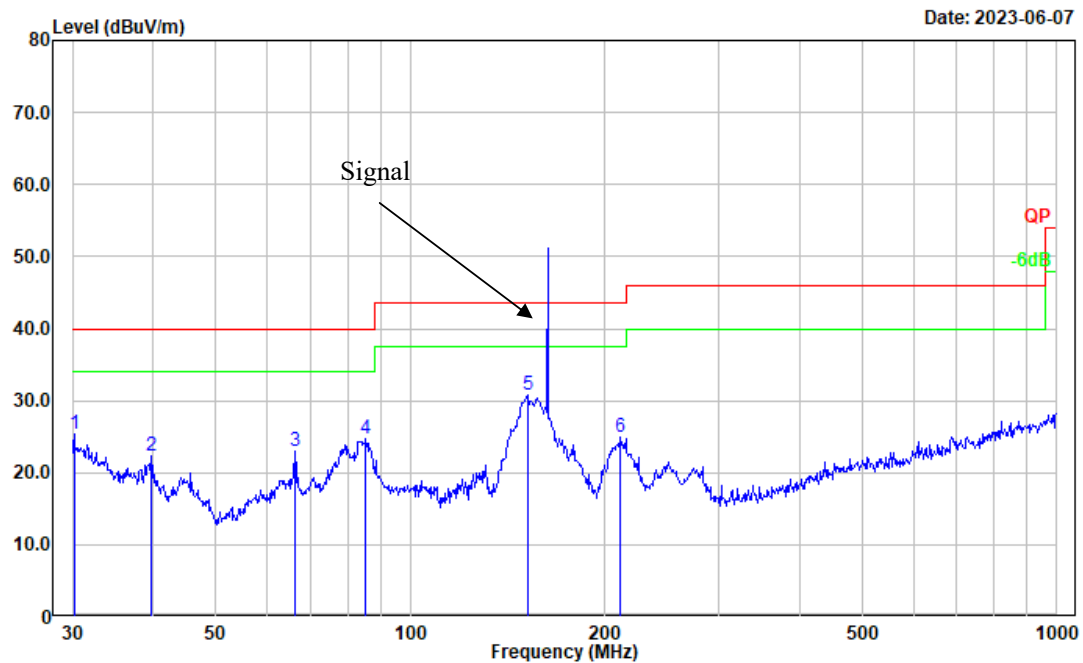
(163.275 MHz)

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.105	28.30	-3.68	24.62	40.00	15.38	Peak
2	86.807	39.75	-17.10	22.65	40.00	17.35	Peak
3	157.007	38.76	-12.04	26.72	43.50	16.78	Peak
4	210.048	36.85	-12.47	24.38	43.50	19.12	Peak
5	241.676	33.13	-13.00	20.13	46.00	25.87	Peak
6	283.979	32.83	-11.40	21.43	46.00	24.57	Peak

Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:

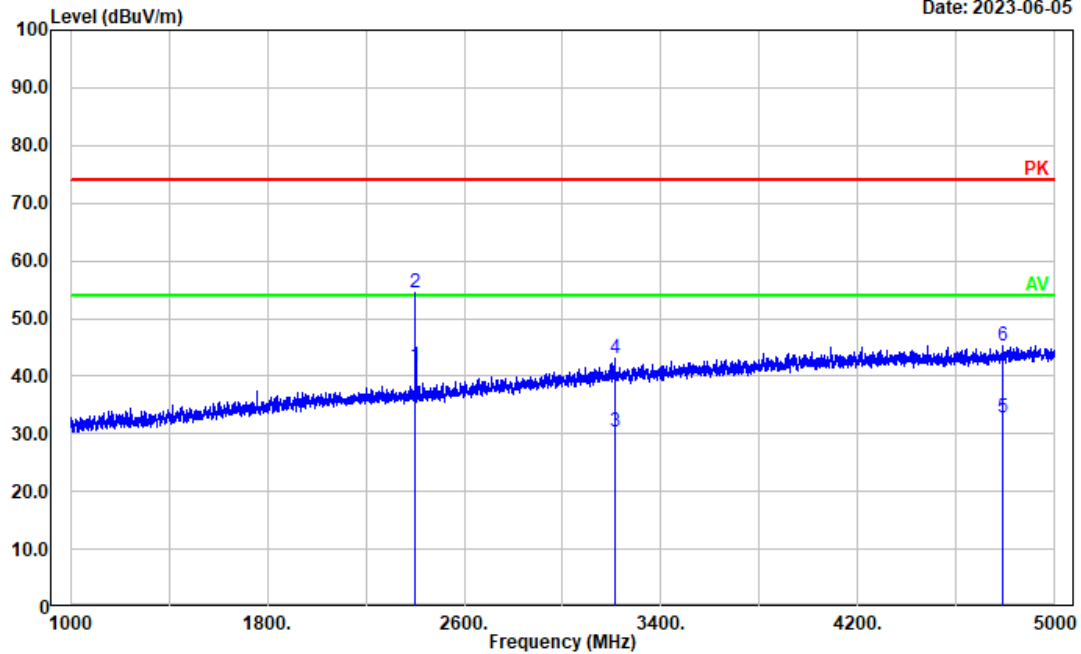


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.211	29.07	-3.76	25.31	40.00	14.69	Peak
2	39.715	33.36	-11.09	22.27	40.00	17.73	Peak
3	66.266	39.81	-16.84	22.97	40.00	17.03	Peak
4	85.298	41.91	-17.19	24.72	40.00	15.28	Peak
5	151.597	42.85	-12.03	30.82	43.50	12.68	Peak
6	211.527	37.54	-12.52	25.02	43.50	18.48	Peak

2) Above 1GHz:**Test Mode: M2**

Test Mode: M2 Charging& Scanning
Polarization: horizontal
Note:

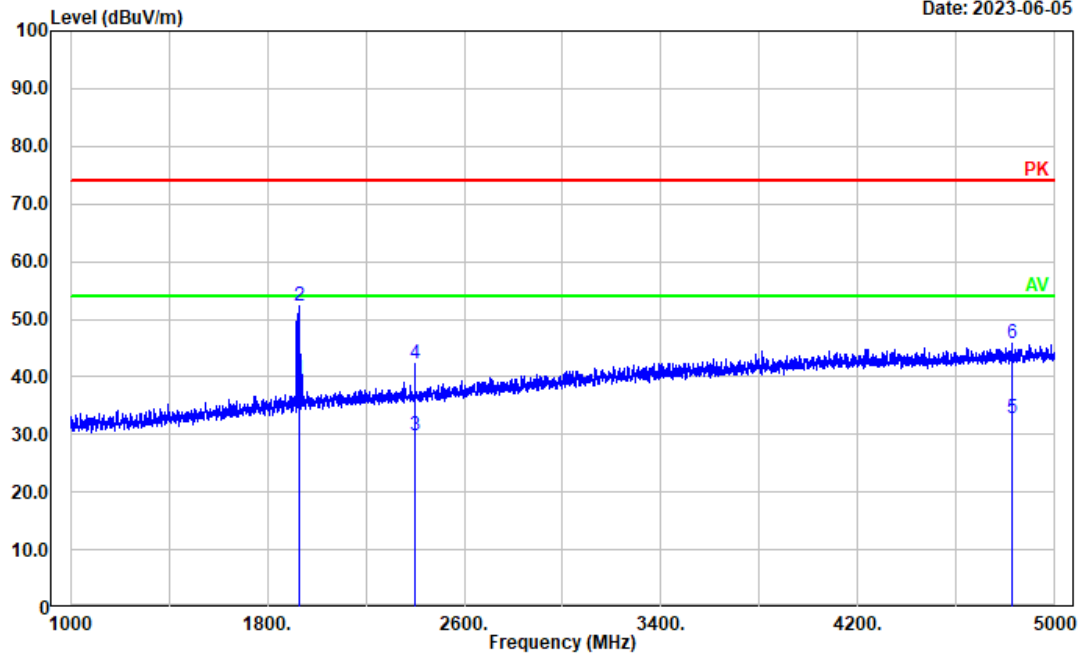
Date: 2023-06-05



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	38.12	3.53	41.65	54.00	12.35	Average
2	2401.880	50.93	3.53	54.46	74.00	19.54	Peak
3	3211.642	23.46	6.79	30.25	54.00	23.75	Average
4	3211.642	36.38	6.79	43.17	74.00	30.83	Peak
5	4787.157	21.88	10.86	32.74	54.00	21.26	Average
6	4787.157	34.41	10.86	45.27	74.00	28.73	Peak

Test Mode: M2 Charging& Scanning
Polarization: vertical
Note:

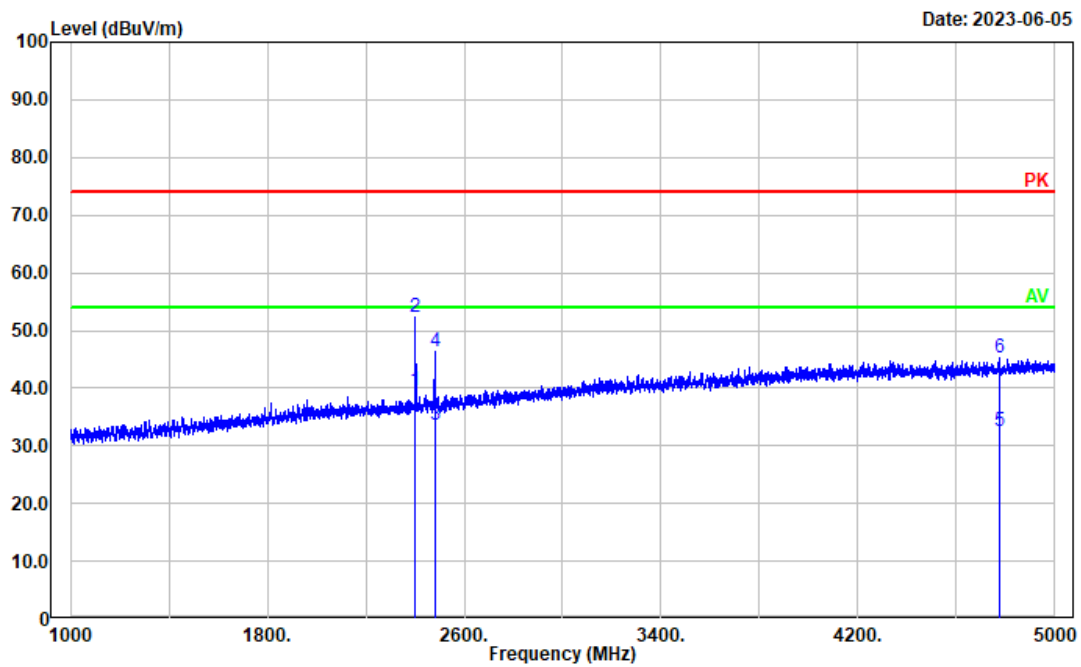
Date: 2023-06-05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1929.786	37.65	2.01	39.66	54.00	14.34	Average
2	1929.786	50.24	2.01	52.25	74.00	21.75	Peak
3	2401.080	26.34	3.53	29.87	54.00	24.13	Average
4	2401.080	38.67	3.53	42.20	74.00	31.80	Peak
5	4827.166	21.90	10.94	32.84	54.00	21.16	Average
6	4827.166	34.73	10.94	45.67	74.00	28.33	Peak

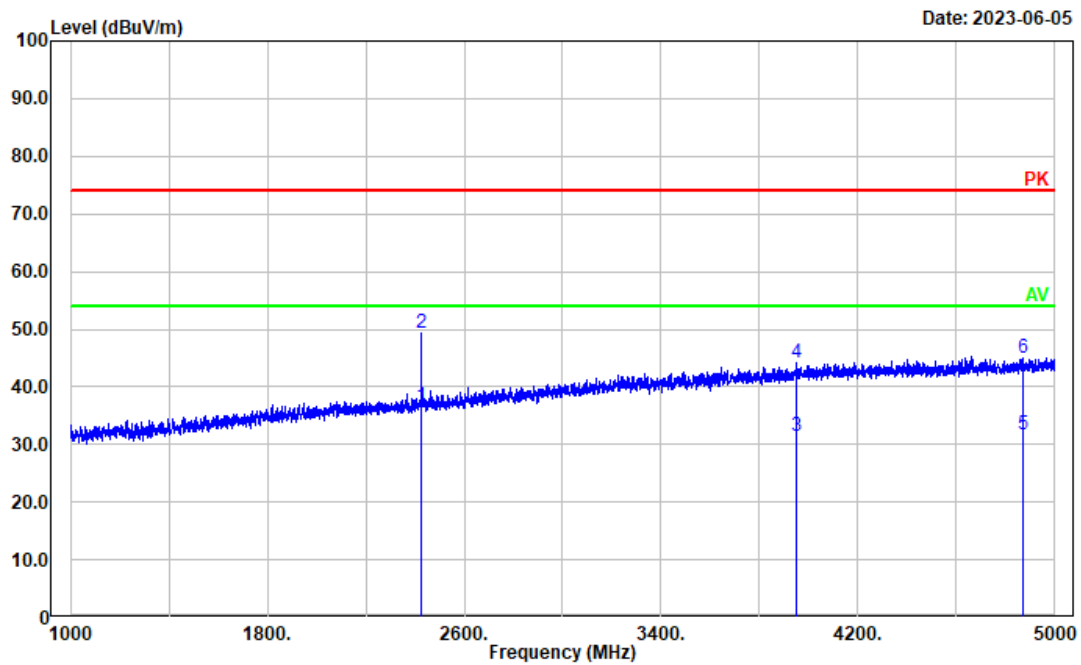
Test Mode: M1
(RX 136.0125 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	36.12	3.53	39.65	54.00	14.35	Average
2	2401.880	48.89	3.53	52.42	74.00	21.58	Peak
3	2479.496	29.90	3.62	33.52	54.00	20.48	Average
4	2479.496	42.66	3.62	46.28	74.00	27.72	Peak
5	4772.754	21.64	10.81	32.45	54.00	21.55	Average
6	4772.754	34.54	10.81	45.35	74.00	28.65	Peak

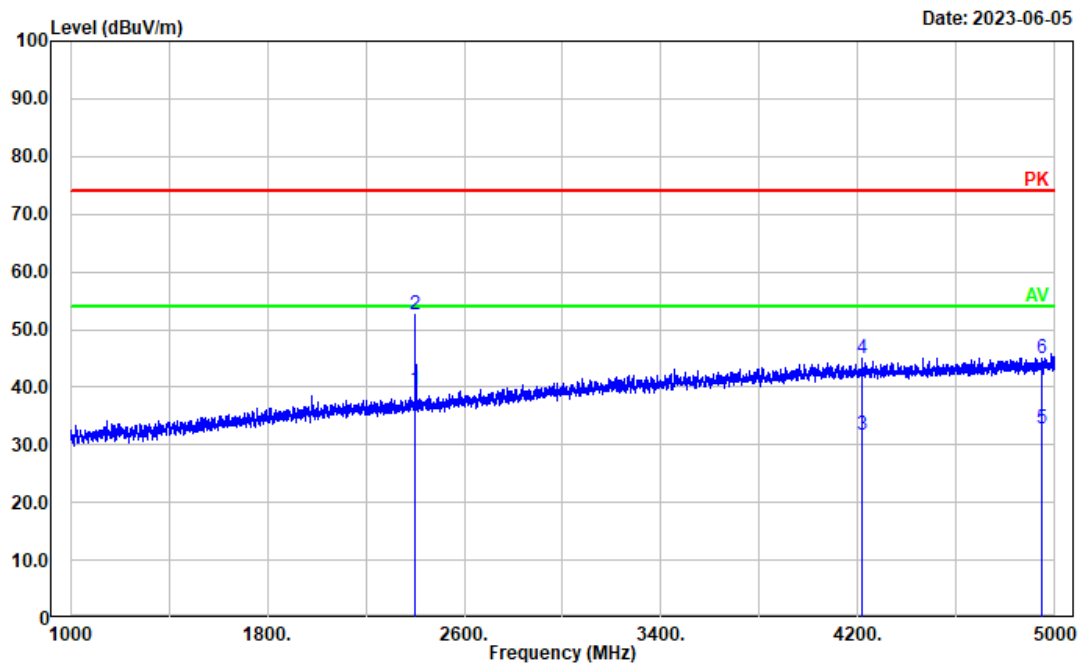
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2425.885	33.00	3.58	36.58	54.00	17.42	Average
2	2425.885	45.85	3.58	49.43	74.00	24.57	Peak
3	3950.190	22.24	9.23	31.47	54.00	22.53	Average
4	3950.190	35.07	9.23	44.30	74.00	29.70	Peak
5	4869.574	20.55	11.03	31.58	54.00	22.42	Average
6	4869.574	33.90	11.03	44.93	74.00	29.07	Peak

(RX 155 MHz)

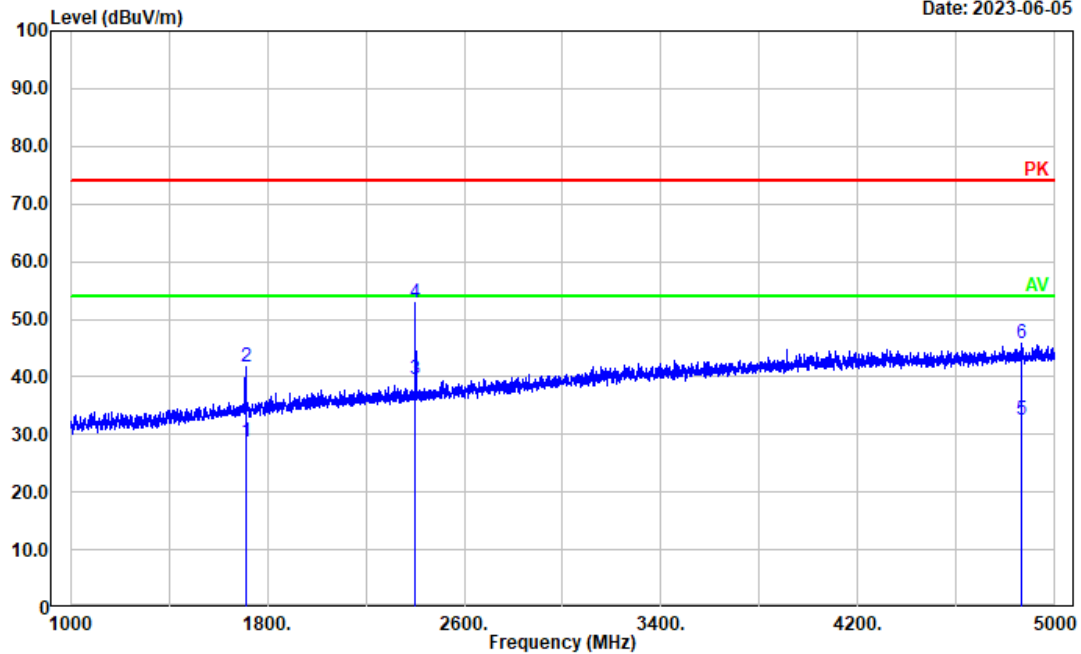
Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	36.14	3.53	39.67	54.00	14.33	Average
2	2401.880	49.06	3.53	52.59	74.00	21.41	Peak
3	4216.644	21.96	9.69	31.65	54.00	22.35	Average
4	4216.644	35.28	9.69	44.97	74.00	29.03	Peak
5	4945.589	21.43	11.23	32.66	54.00	21.34	Average
6	4945.589	33.86	11.23	45.09	74.00	28.91	Peak

Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:

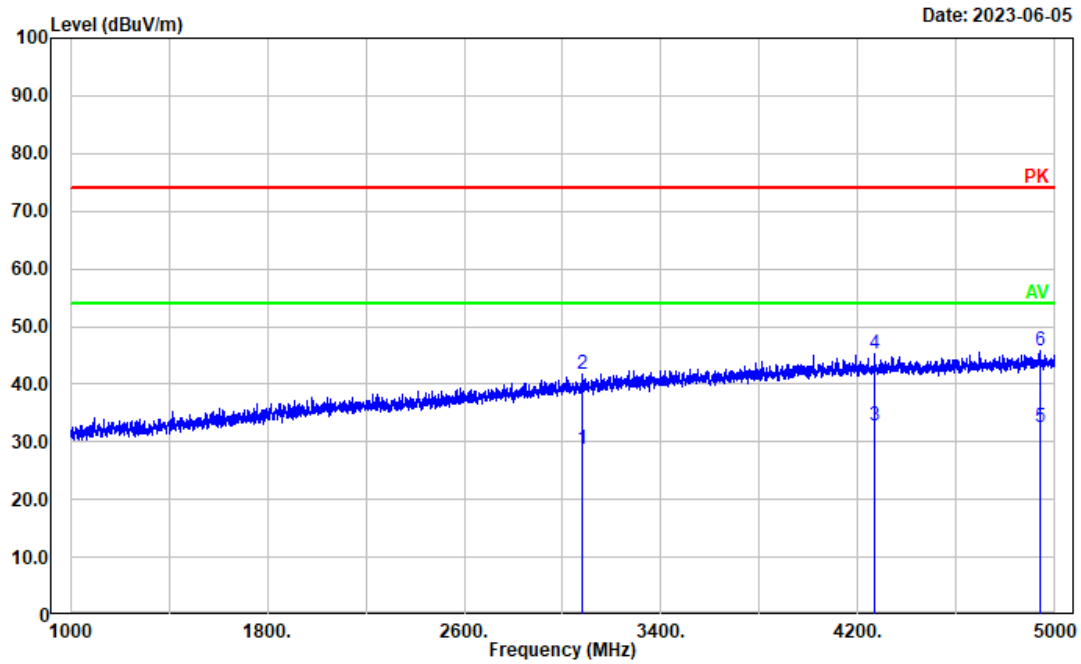
Date: 2023-06-05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1711.342	27.90	0.79	28.69	54.00	25.31	Average
2	1711.342	40.85	0.79	41.64	74.00	32.36	Peak
3	2401.880	36.15	3.53	39.68	54.00	14.32	Average
4	2401.880	49.32	3.53	52.85	74.00	21.15	Peak
5	4862.373	21.57	11.00	32.57	54.00	21.43	Average
6	4862.373	34.74	11.00	45.74	74.00	28.26	Peak

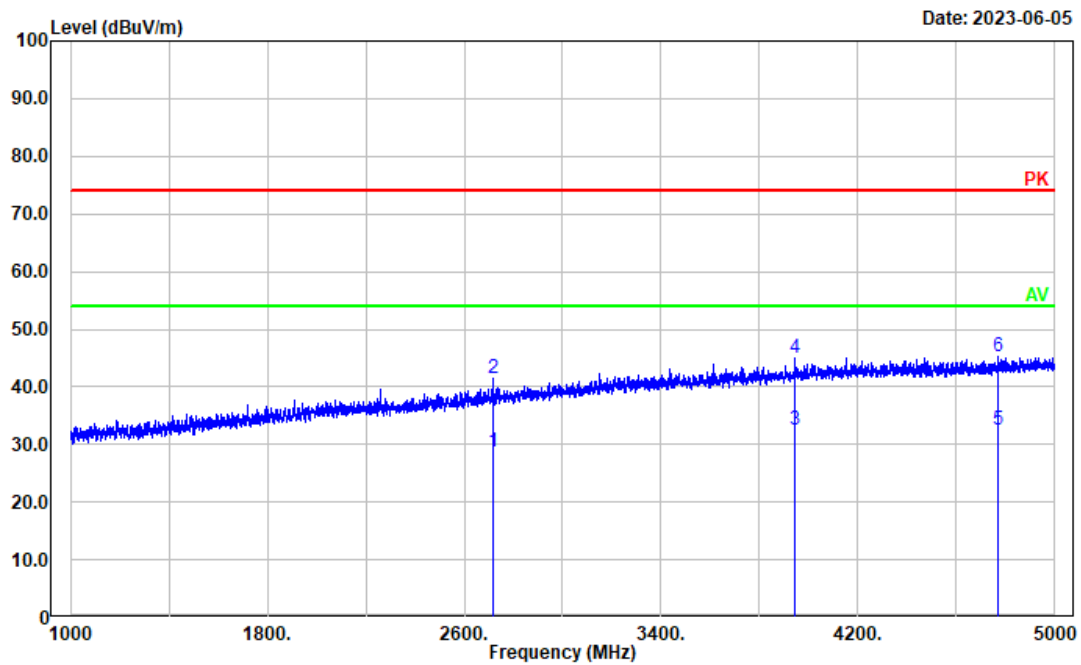
(RX 173.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3078.816	22.37	6.32	28.69	54.00	25.31	Average
2	3078.816	35.37	6.32	41.69	74.00	32.31	Peak
3	4267.053	22.96	9.70	32.66	54.00	21.34	Average
4	4267.053	35.68	9.70	45.38	74.00	28.62	Peak
5	4940.788	21.40	11.23	32.63	54.00	21.37	Average
6	4940.788	34.44	11.23	45.67	74.00	28.33	Peak

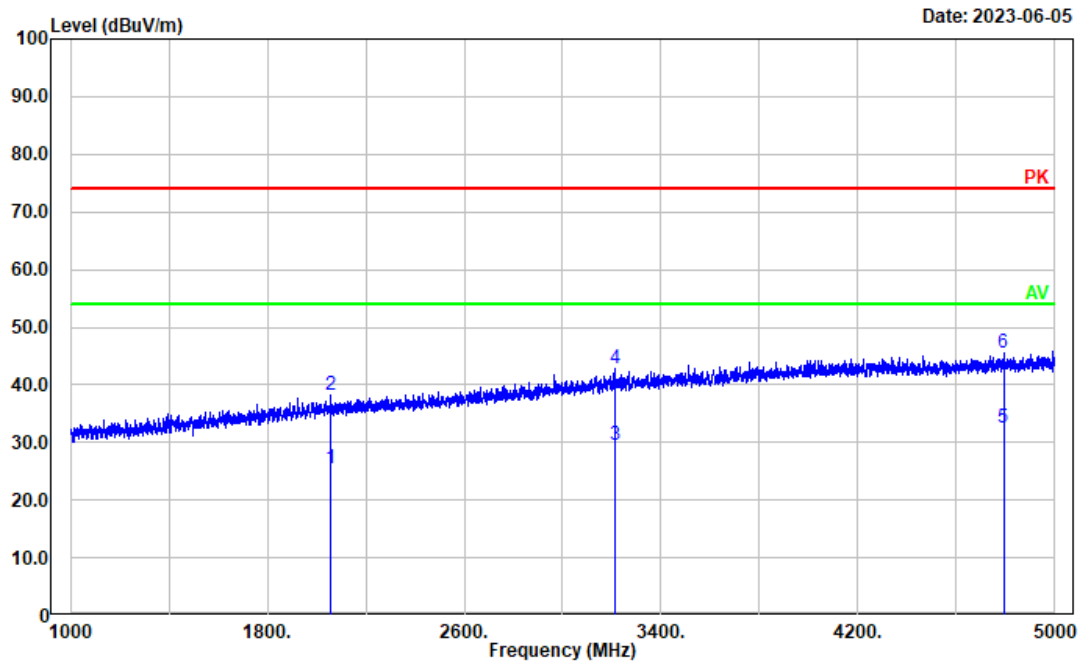
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2717.143	23.87	4.80	28.67	54.00	25.33	Average
2	2717.143	36.56	4.80	41.36	74.00	32.64	Peak
3	3941.388	23.44	9.19	32.63	54.00	21.37	Average
4	3941.388	35.81	9.19	45.00	74.00	29.00	Peak
5	4767.954	21.78	10.78	32.56	54.00	21.44	Average
6	4767.954	34.50	10.78	45.28	74.00	28.72	Peak

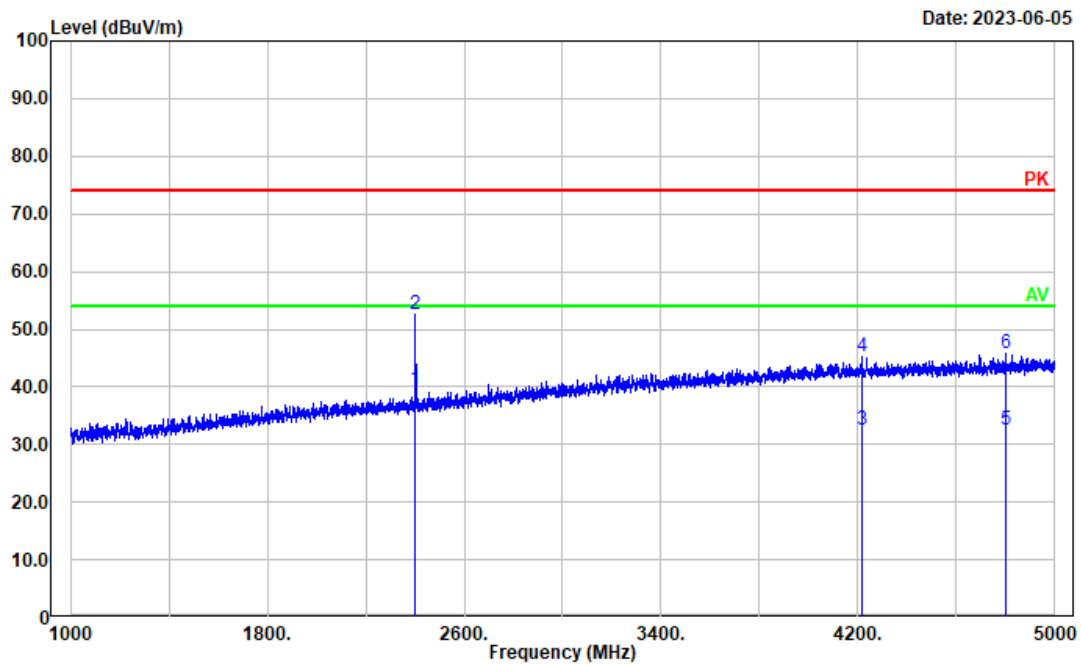
(RX 220.0125MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2055.411	22.85	2.51	25.36	54.00	28.64	Average
2	2055.411	35.78	2.51	38.29	74.00	35.71	Peak
3	3210.042	22.84	6.79	29.63	54.00	24.37	Average
4	3210.042	35.92	6.79	42.71	74.00	31.29	Peak
5	4791.158	21.59	10.88	32.47	54.00	21.53	Average
6	4791.158	34.68	10.88	45.56	74.00	28.44	Peak

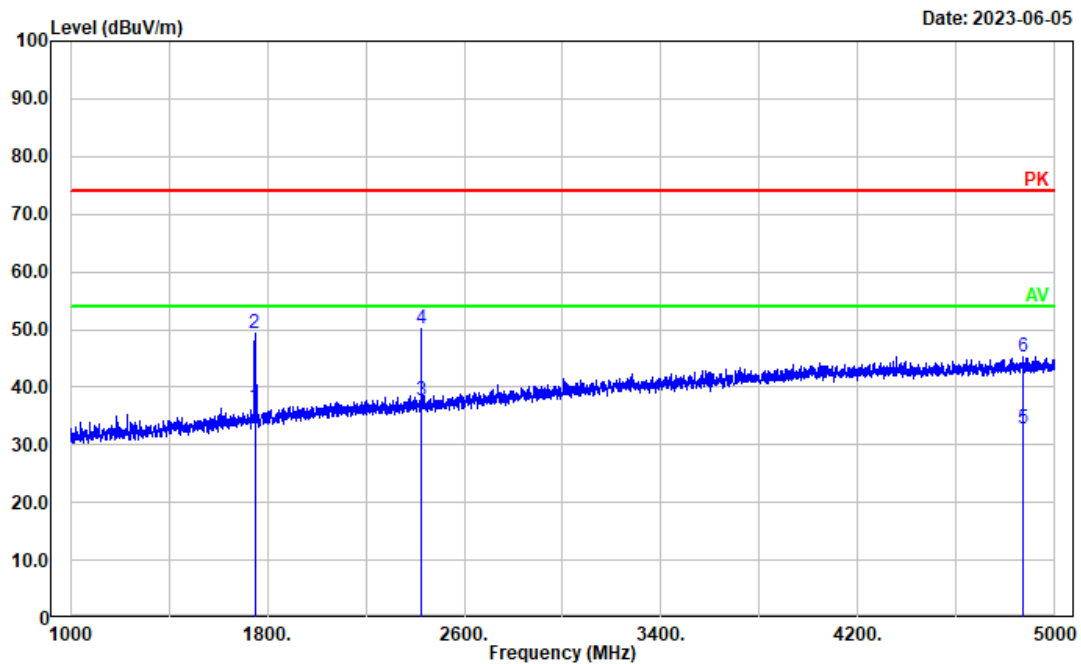
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	35.94	3.53	39.47	54.00	14.53	Average
2	2401.880	49.12	3.53	52.65	74.00	21.35	Peak
3	4215.843	22.91	9.69	32.60	54.00	21.40	Average
4	4215.843	35.57	9.69	45.26	74.00	28.74	Peak
5	4799.160	21.61	10.91	32.52	54.00	21.48	Average
6	4799.160	34.92	10.91	45.83	74.00	28.17	Peak

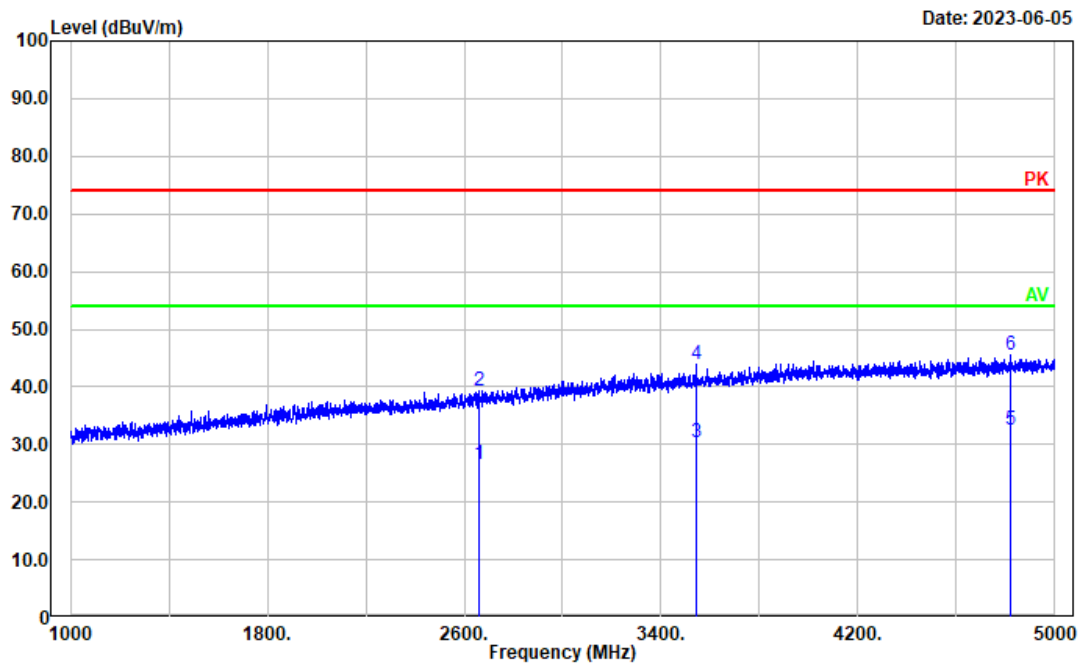
(RX 240 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1748.950	35.61	0.97	36.58	54.00	17.42	Average
2	1748.950	48.44	0.97	49.41	74.00	24.59	Peak
3	2425.885	34.00	3.58	37.58	54.00	16.42	Average
4	2425.885	46.48	3.58	50.06	74.00	23.94	Peak
5	4871.174	21.62	11.04	32.66	54.00	21.34	Average
6	4871.174	34.34	11.04	45.38	74.00	28.62	Peak

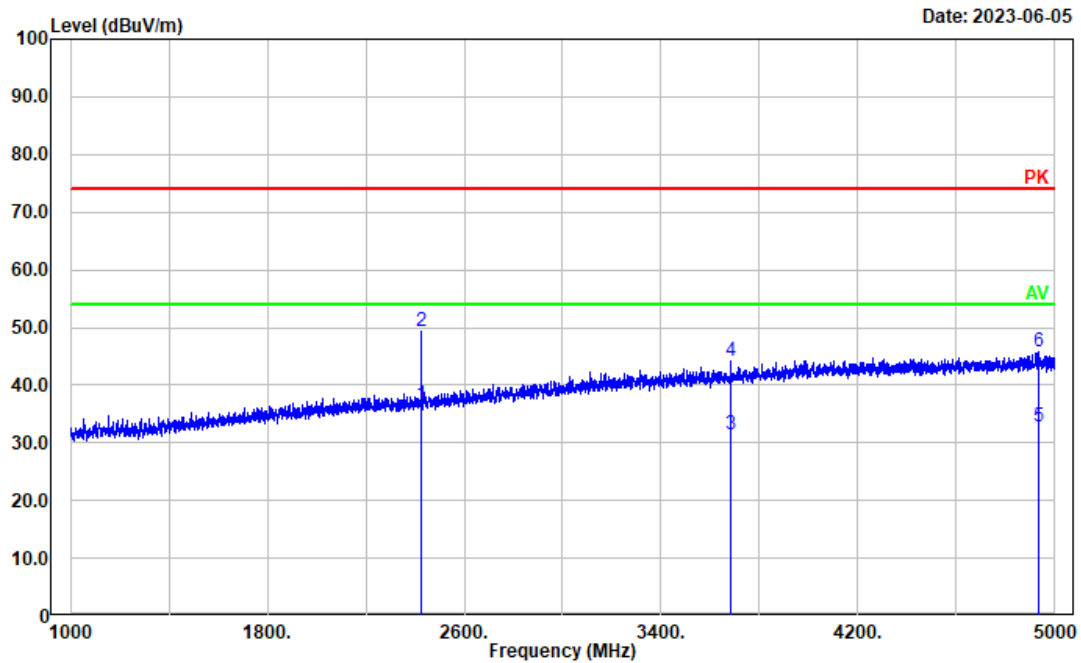
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2661.932	22.04	4.51	26.55	54.00	27.45	Average
2	2661.932	34.82	4.51	39.33	74.00	34.67	Peak
3	3540.508	22.65	7.82	30.47	54.00	23.53	Average
4	3540.508	36.06	7.82	43.88	74.00	30.12	Peak
5	4819.964	21.59	10.93	32.52	54.00	21.48	Average
6	4819.964	34.63	10.93	45.56	74.00	28.44	Peak

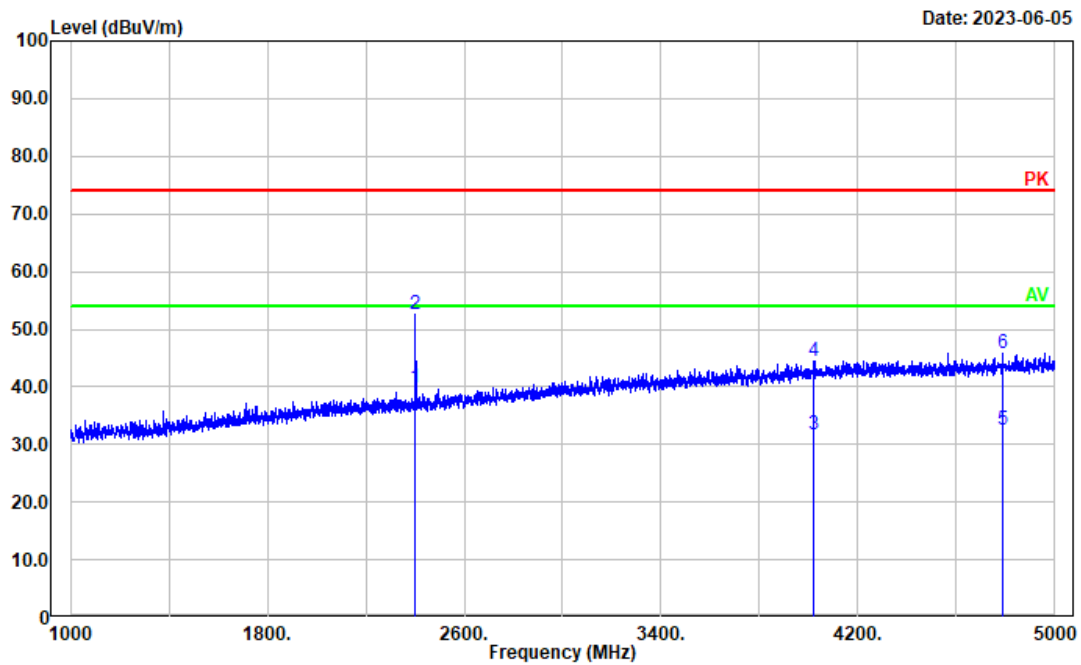
(RX 259.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2425.885	33.00	3.58	36.58	54.00	17.42	Average
2	2425.885	45.77	3.58	49.35	74.00	24.65	Peak
3	3682.136	23.23	8.24	31.47	54.00	22.53	Average
4	3682.136	35.88	8.24	44.12	74.00	29.88	Peak
5	4935.987	21.45	11.21	32.66	54.00	21.34	Average
6	4935.987	34.66	11.21	45.87	74.00	28.13	Peak

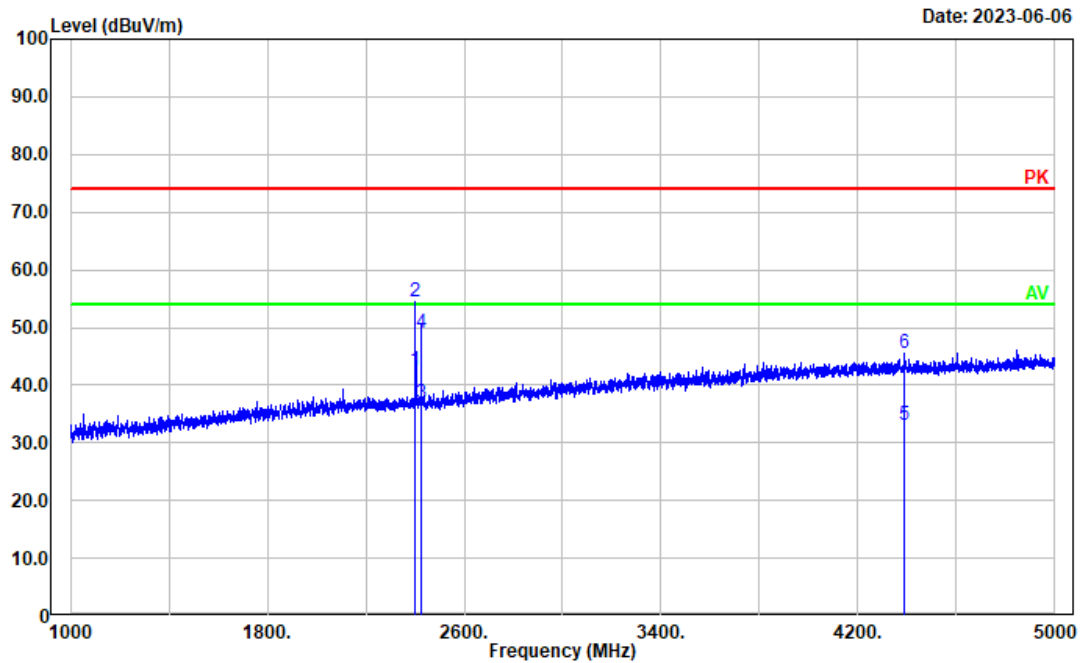
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	36.28	3.53	39.81	54.00	14.19	Average
2	2401.880	48.94	3.53	52.47	74.00	21.53	Peak
3	4017.404	22.21	9.37	31.58	54.00	22.42	Average
4	4017.404	35.09	9.37	44.46	74.00	29.54	Peak
5	4788.758	21.61	10.86	32.47	54.00	21.53	Average
6	4788.758	34.87	10.86	45.73	74.00	28.27	Peak

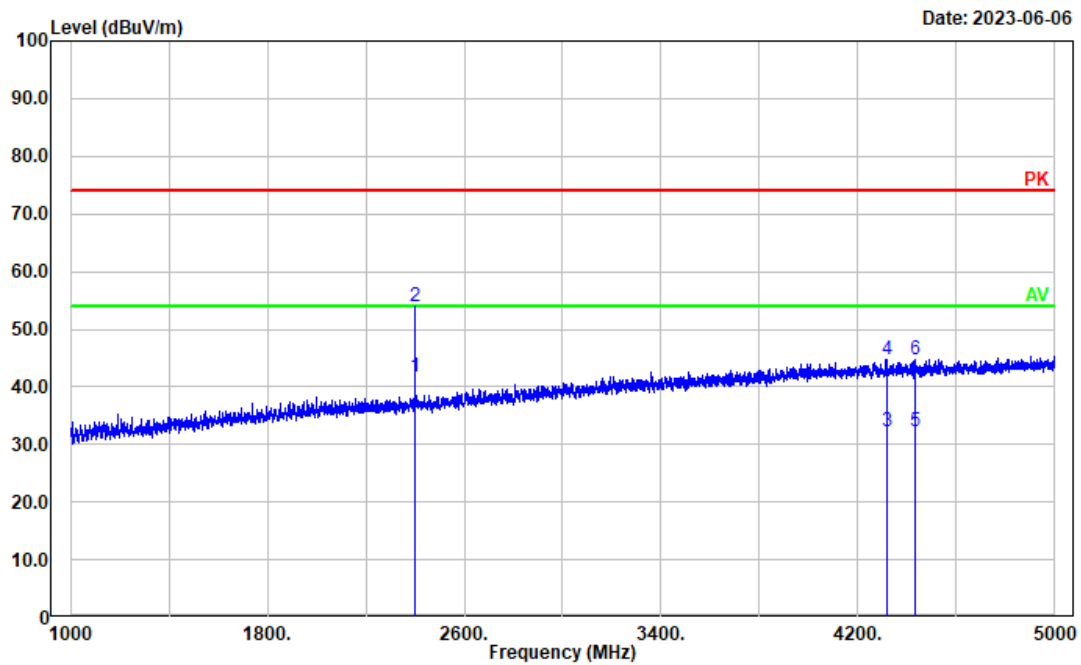
(RX 400.0125 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	39.03	3.53	42.56	54.00	11.44	Average
2	2401.880	51.06	3.53	54.59	74.00	19.41	Peak
3	2426.685	33.29	3.58	36.87	54.00	17.13	Average
4	2426.685	45.52	3.58	49.10	74.00	24.90	Peak
5	4387.078	23.35	9.83	33.18	54.00	20.82	Average
6	4387.078	35.70	9.83	45.53	74.00	28.47	Peak

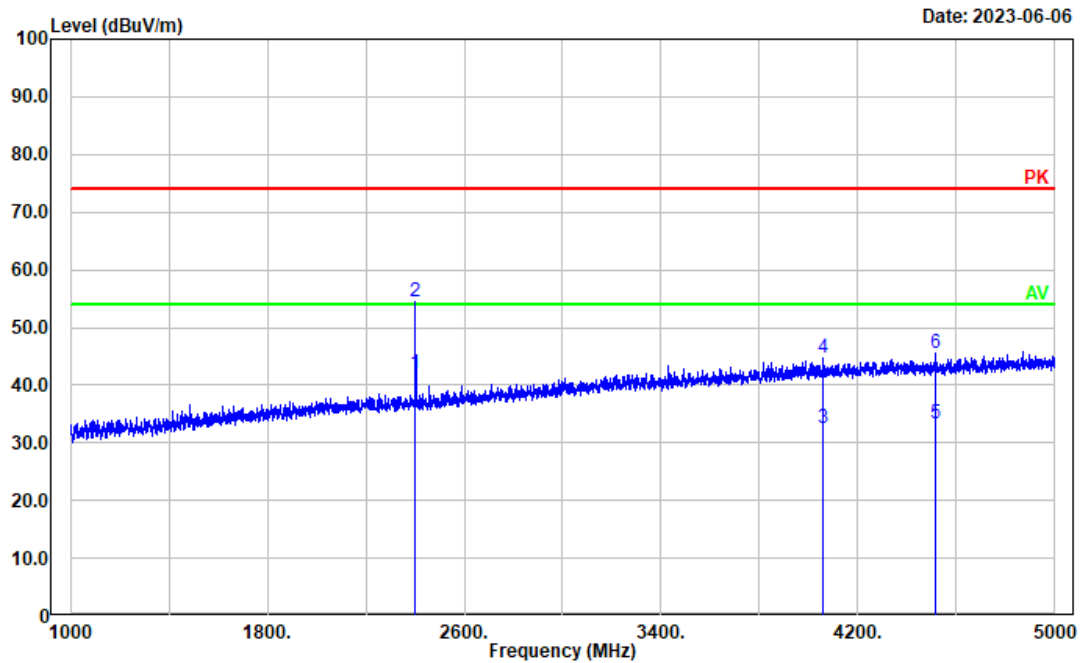
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	38.25	3.53	41.78	54.00	12.22	Average
2	2401.880	50.50	3.53	54.03	74.00	19.97	Peak
3	4315.063	22.47	9.70	32.17	54.00	21.83	Average
4	4315.063	34.94	9.70	44.64	74.00	29.36	Peak
5	4433.487	22.41	9.88	32.29	54.00	21.71	Average
6	4433.487	34.82	9.88	44.70	74.00	29.30	Peak

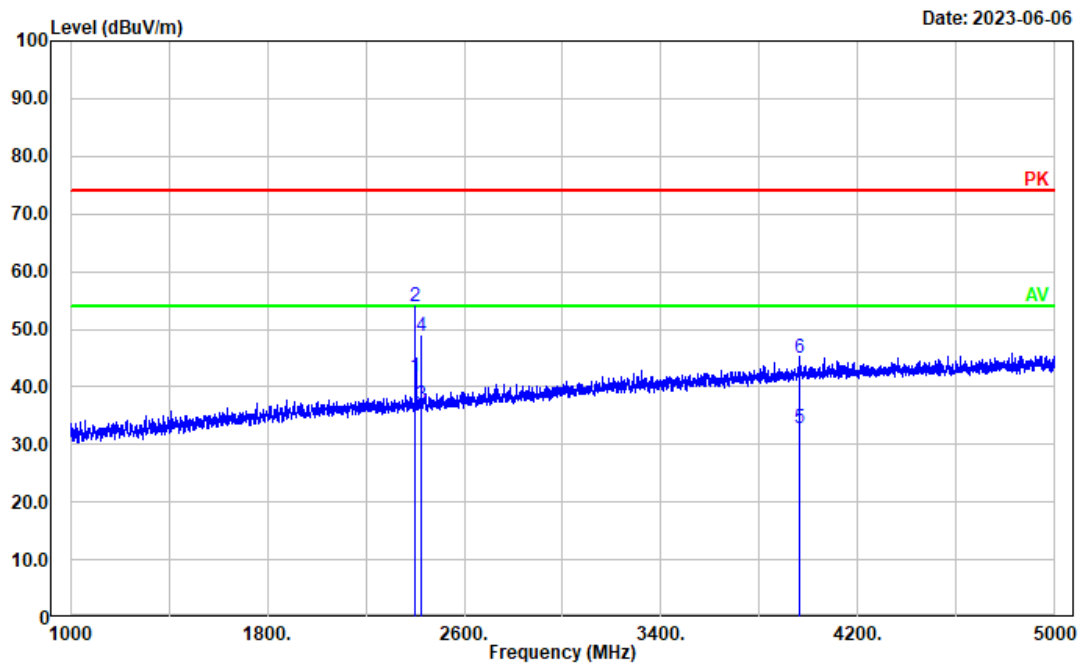
(RX 460 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	38.46	3.53	41.99	54.00	12.01	Average
2	2401.880	50.91	3.53	54.44	74.00	19.56	Peak
3	4056.611	23.12	9.44	32.56	54.00	21.44	Average
4	4056.611	35.23	9.44	44.67	74.00	29.33	Peak
5	4514.303	23.19	10.05	33.24	54.00	20.76	Average
6	4514.303	35.39	10.05	45.44	74.00	28.56	Peak

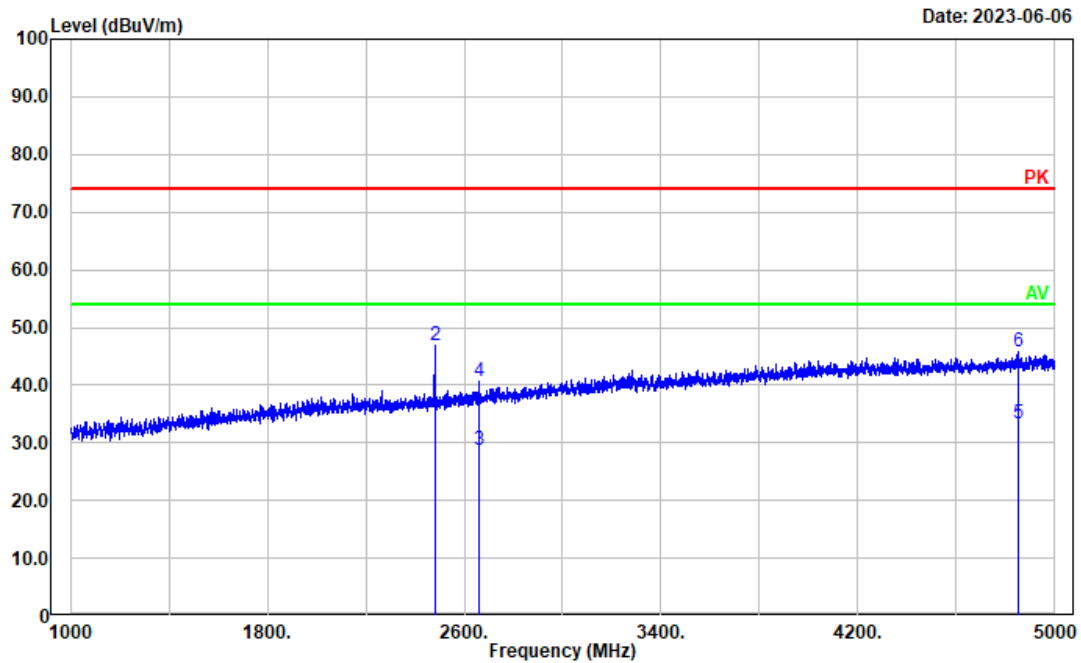
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.880	38.15	3.53	41.68	54.00	12.32	Average
2	2401.880	50.29	3.53	53.82	74.00	20.18	Peak
3	2425.085	33.16	3.58	36.74	54.00	17.26	Average
4	2425.085	45.32	3.58	48.90	74.00	25.10	Peak
5	3964.593	23.42	9.27	32.69	54.00	21.31	Average
6	3964.593	35.85	9.27	45.12	74.00	28.88	Peak

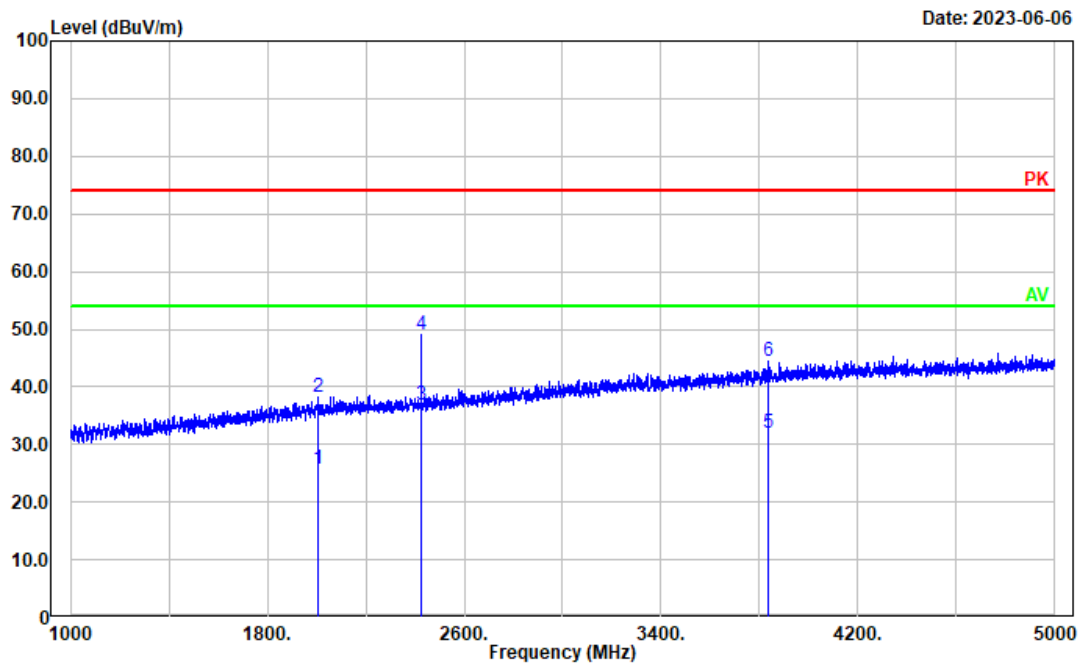
(RX 519.9875 MHz)

Test Mode: M1 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2479.496	31.11	3.62	34.73	54.00	19.27	Average
2	2479.496	43.22	3.62	46.84	74.00	27.16	Peak
3	2661.932	24.09	4.51	28.60	54.00	25.40	Average
4	2661.932	36.17	4.51	40.68	74.00	33.32	Peak
5	4851.170	22.35	10.97	33.32	54.00	20.68	Average
6	4851.170	34.80	10.97	45.77	74.00	28.23	Peak

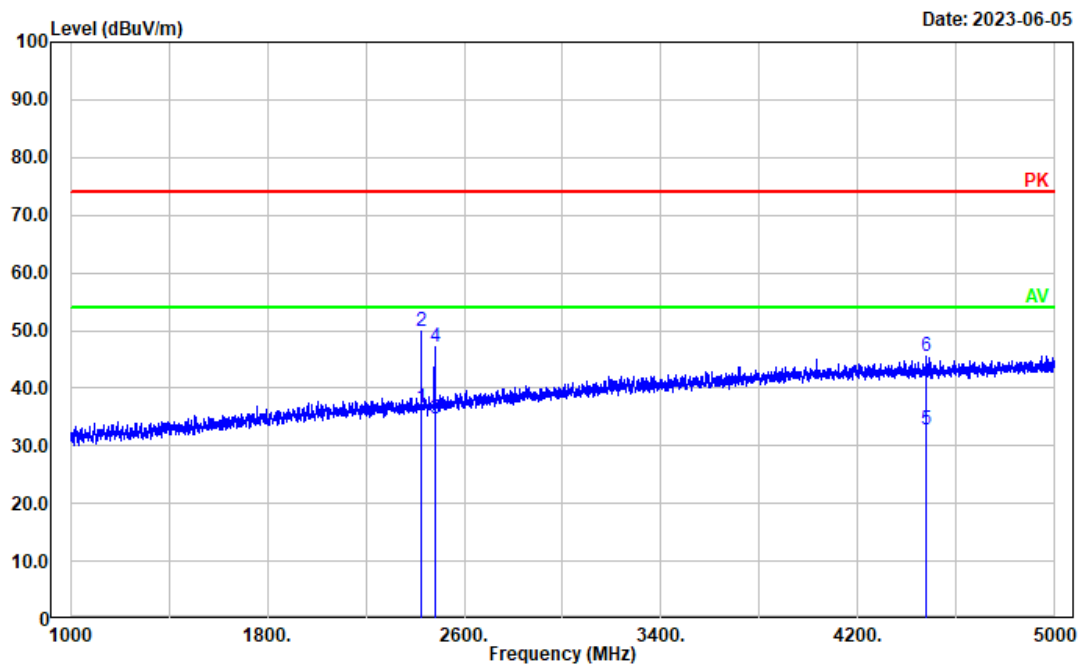
Test Mode: M1 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2005.801	23.49	2.34	25.83	54.00	28.17	Average
2	2005.801	35.99	2.34	38.33	74.00	35.67	Peak
3	2425.885	33.20	3.58	36.78	54.00	17.22	Average
4	2425.885	45.41	3.58	48.99	74.00	25.01	Peak
5	3836.567	23.28	8.81	32.09	54.00	21.91	Average
6	3836.567	35.57	8.81	44.38	74.00	29.62	Peak

Test Mode: M3
(FM 65.1 MHz)

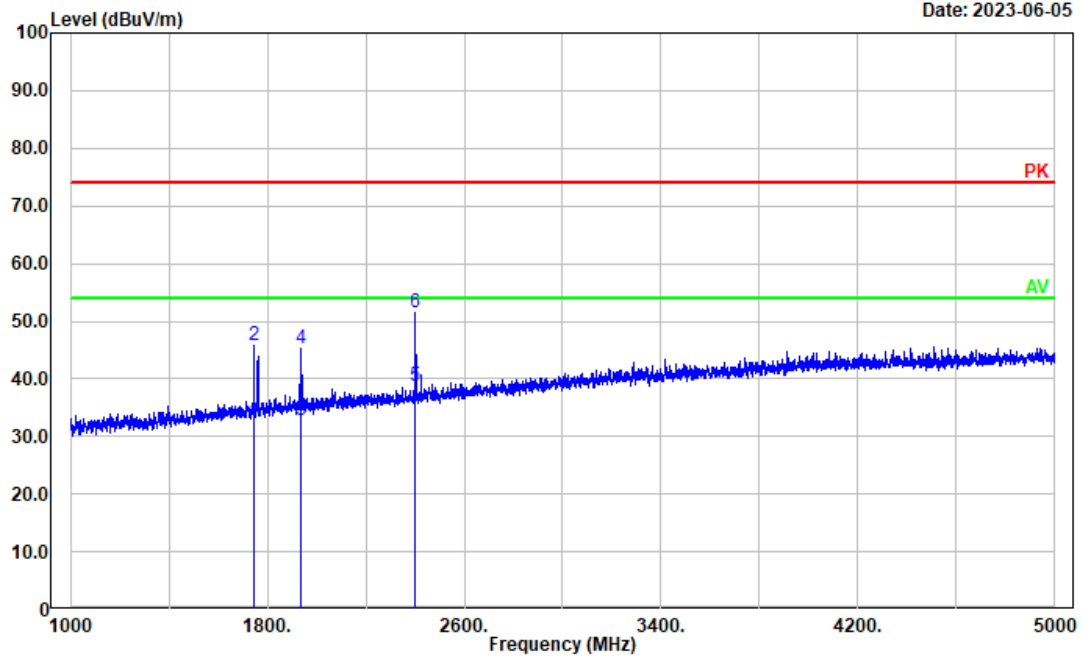
Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2425.885	32.97	3.58	36.55	54.00	17.45	Average
2	2425.885	46.23	3.58	49.81	74.00	24.19	Peak
3	2479.496	31.06	3.62	34.68	54.00	19.32	Average
4	2479.496	43.63	3.62	47.25	74.00	26.75	Peak
5	4475.095	22.77	9.95	32.72	54.00	21.28	Average
6	4475.095	35.60	9.95	45.55	74.00	28.45	Peak

Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:

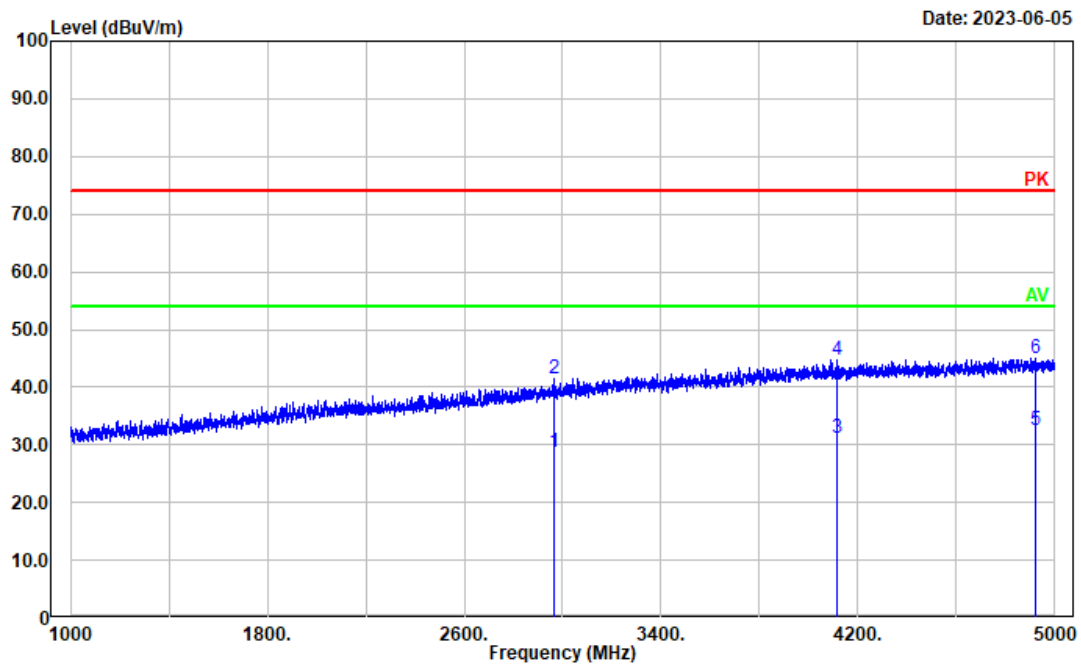
Date: 2023-06-05



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1746.549	31.60	0.96	32.56	54.00	21.44	Average
2	1746.549	44.76	0.96	45.72	74.00	28.28	Peak
3	1937.788	30.64	2.03	32.67	54.00	21.33	Average
4	1937.788	43.21	2.03	45.24	74.00	28.76	Peak
5	2401.080	35.16	3.53	38.69	54.00	15.31	Average
6	2401.080	48.08	3.53	51.61	74.00	22.39	Peak

(FM 86.5 MHz)

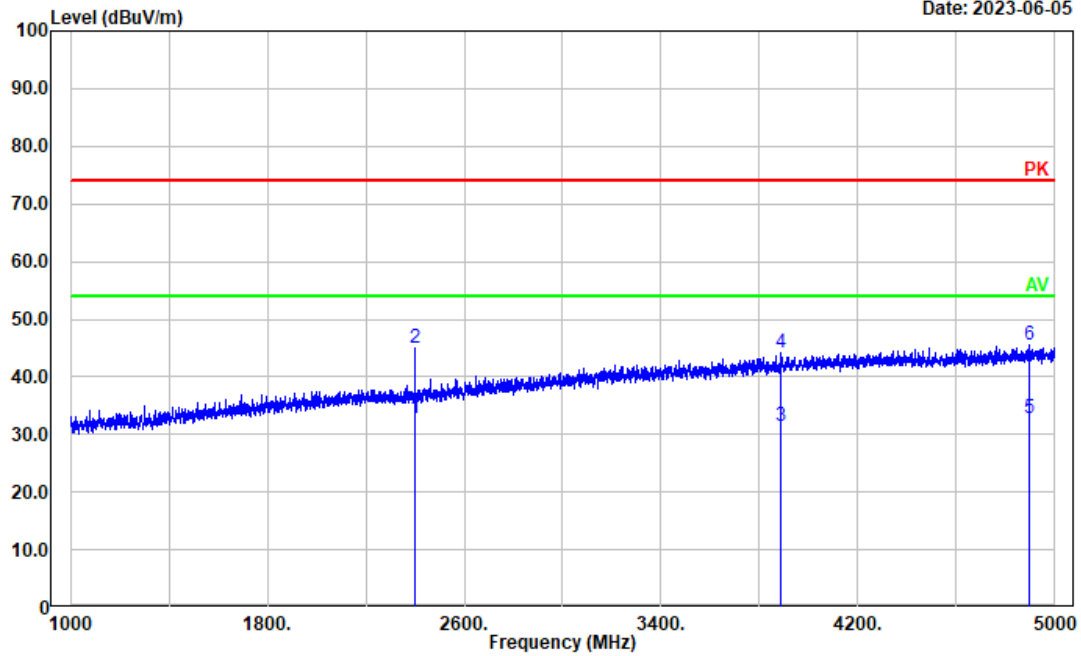
Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2963.593	22.78	5.91	28.69	54.00	25.31	Average
2	2963.593	35.61	5.91	41.52	74.00	32.48	Peak
3	4112.623	21.74	9.54	31.28	54.00	22.72	Average
4	4112.623	35.27	9.54	44.81	74.00	29.19	Peak
5	4918.384	21.45	11.18	32.63	54.00	21.37	Average
6	4918.384	33.94	11.18	45.12	74.00	28.88	Peak

Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:

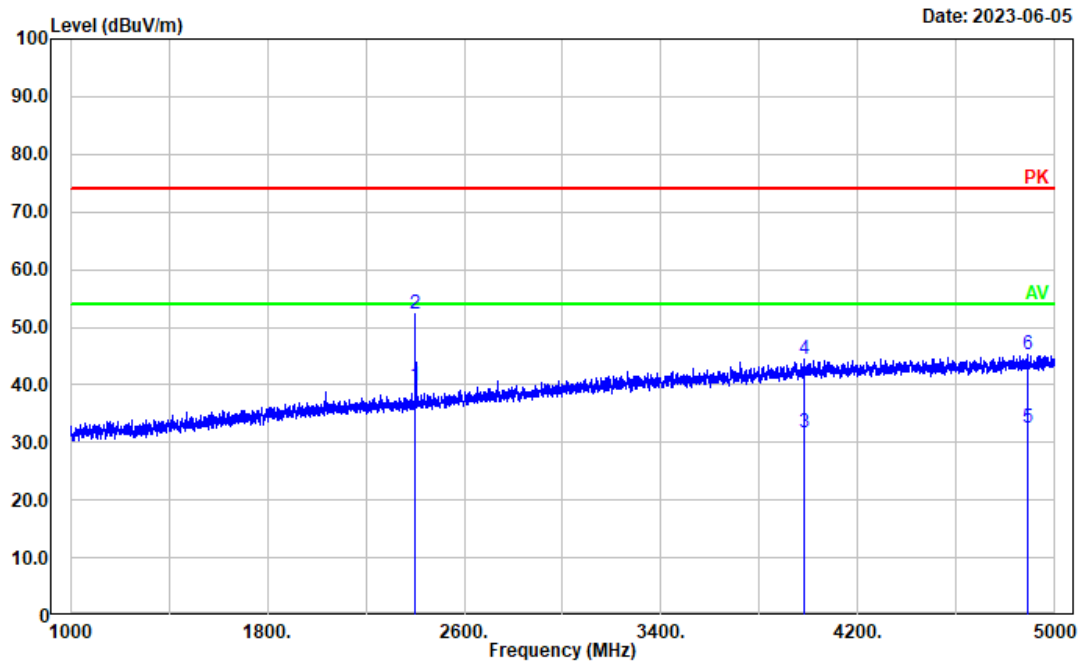
Date: 2023-06-05



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2401.080	29.21	3.53	32.74	54.00	21.26	Average
2	2401.080	41.52	3.53	45.05	74.00	28.95	Peak
3	3886.177	22.56	8.96	31.52	54.00	22.48	Average
4	3886.177	35.11	8.96	44.07	74.00	29.93	Peak
5	4895.979	21.54	11.12	32.66	54.00	21.34	Average
6	4895.979	34.43	11.12	45.55	74.00	28.45	Peak

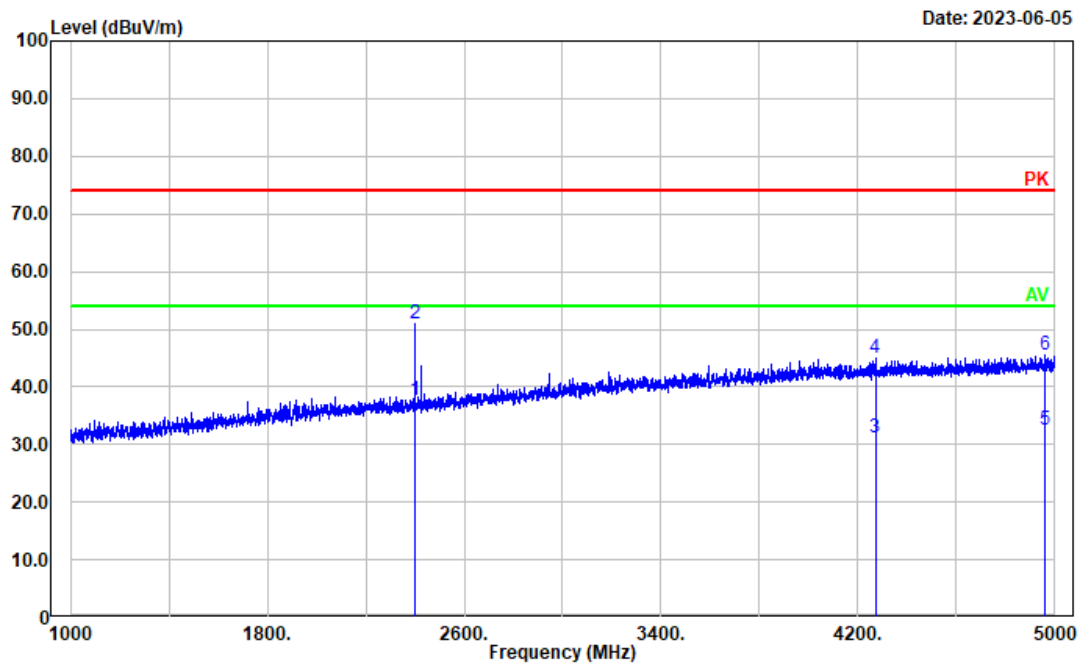
(FM 107.9 MHz)

Test Mode: M3 Charging& Receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2401.880	36.29	3.53	39.82	54.00	14.18	Average
2	2401.880	48.79	3.53	52.32	74.00	21.68	Peak
3	3982.997	22.31	9.31	31.62	54.00	22.38	Average
4	3982.997	35.13	9.31	44.44	74.00	29.56	Peak
5	4887.177	21.33	11.08	32.41	54.00	21.59	Average
6	4887.177	34.06	11.08	45.14	74.00	28.86	Peak

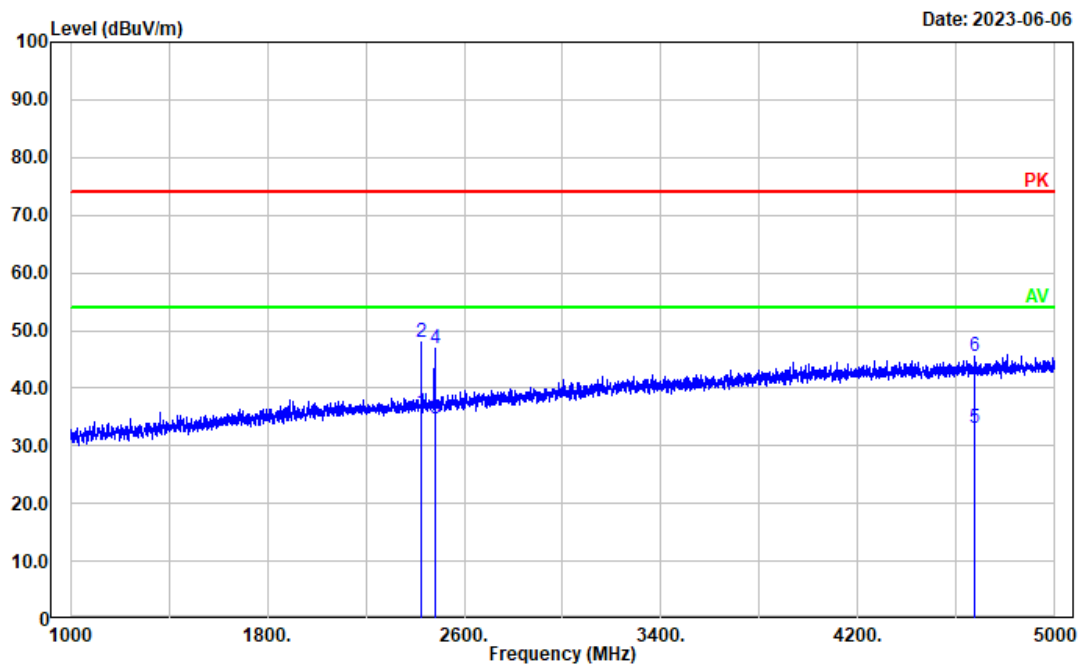
Test Mode: M3 Charging& Receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2401.080	34.16	3.53	37.69	54.00	16.31	Average
2	2401.080	47.36	3.53	50.89	74.00	23.11	Peak
3	4270.254	21.56	9.69	31.25	54.00	22.75	Average
4	4270.254	35.24	9.69	44.93	74.00	29.07	Peak
5	4959.192	21.24	11.23	32.47	54.00	21.53	Average
6	4959.192	34.17	11.23	45.40	74.00	28.60	Peak

Test Mode: M4
(161.65 MHz)

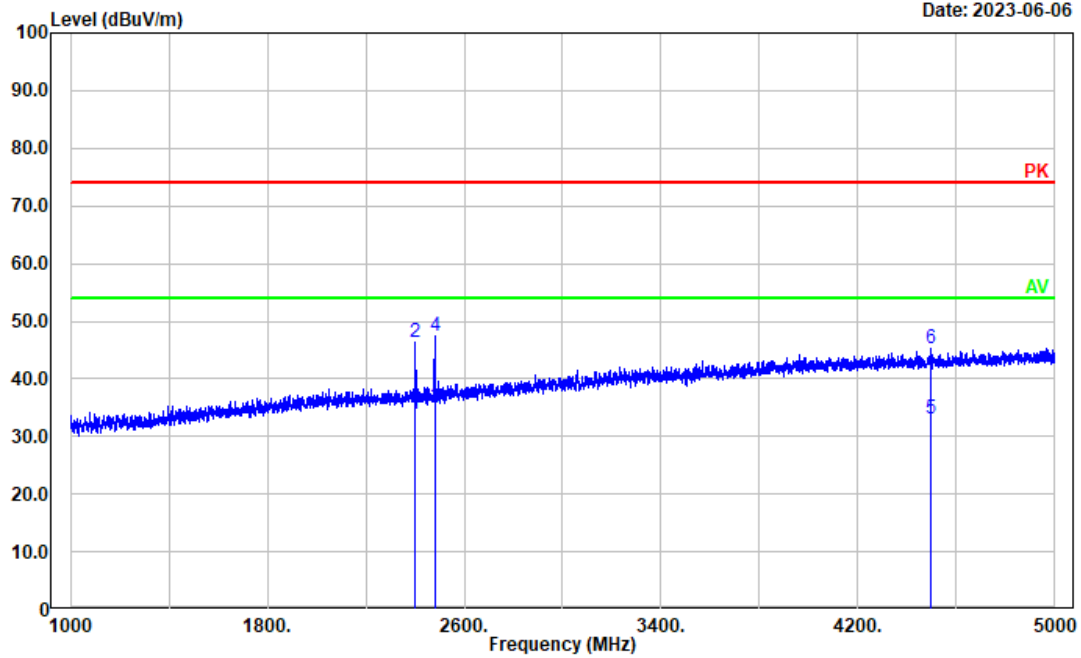
Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	2425.085	32.21	3.58	35.79	54.00	18.21	Average
2	2425.085	44.42	3.58	48.00	74.00	26.00	Peak
3	2479.496	31.08	3.62	34.70	54.00	19.30	Average
4	2479.496	43.17	3.62	46.79	74.00	27.21	Peak
5	4675.935	22.48	10.49	32.97	54.00	21.03	Average
6	4675.935	34.94	10.49	45.43	74.00	28.57	Peak

Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:

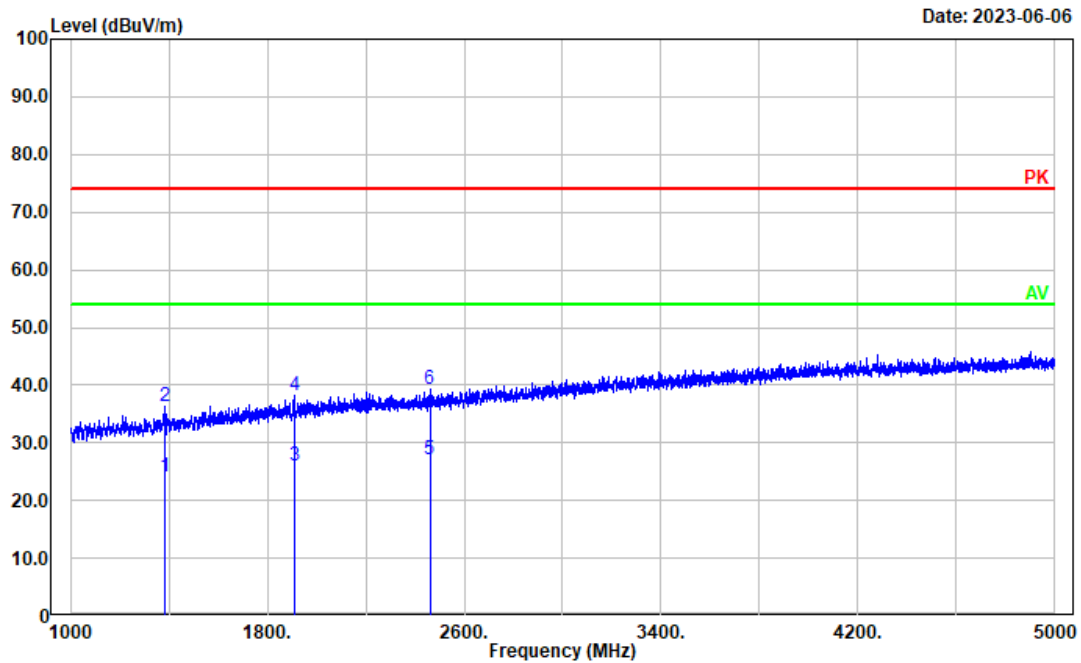
Date: 2023-06-06



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2402.680	30.43	3.54	33.97	54.00	20.03	Average
2	2402.680	42.86	3.54	46.40	74.00	27.60	Peak
3	2479.496	31.39	3.62	35.01	54.00	18.99	Average
4	2479.496	43.79	3.62	47.41	74.00	26.59	Peak
5	4496.699	23.09	10.00	33.09	54.00	20.91	Average
6	4496.699	35.19	10.00	45.19	74.00	28.81	Peak

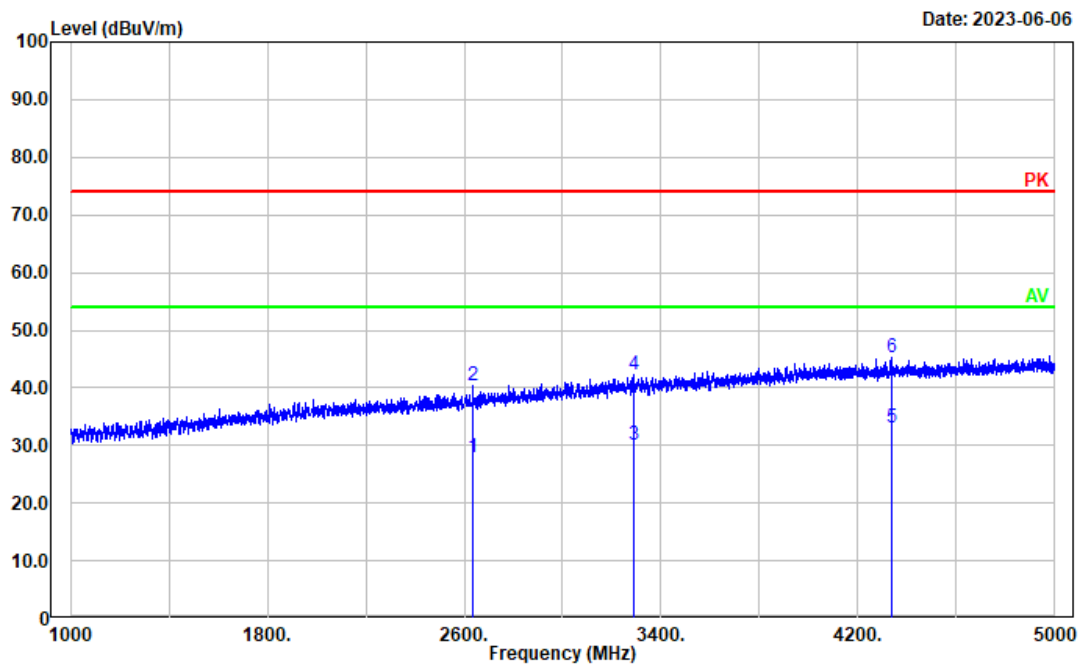
(163.275 MHz)

Test Mode: Charging& NOAA receiving
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	1380.876	25.10	-1.01	24.09	54.00	29.91	Average
2	1380.876	37.21	-1.01	36.20	74.00	37.80	Peak
3	1908.182	24.18	1.92	26.10	54.00	27.90	Average
4	1908.182	36.38	1.92	38.30	74.00	35.70	Peak
5	2460.292	23.35	3.62	26.97	54.00	27.03	Average
6	2460.292	35.68	3.62	39.30	74.00	34.70	Peak

Test Mode: Charging& NOAA receiving
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2636.327	23.47	4.38	27.85	54.00	26.15	Average
2	2636.327	35.92	4.38	40.30	74.00	33.70	Peak
3	3286.857	23.22	6.98	30.20	54.00	23.80	Average
4	3286.857	35.43	6.98	42.41	74.00	31.59	Peak
5	4336.667	23.21	9.76	32.97	54.00	21.03	Average
6	4336.667	35.43	9.76	45.19	74.00	28.81	Peak

4.3 Antenna Power Conduction Limits for Receivers

Serial Number:	25W9-1	Test Date:	2023/06/13~2023/06/30
Test Site:	RF	Test Mode:	RX
Tester:	Morpheus Shi	Test Result:	Pass

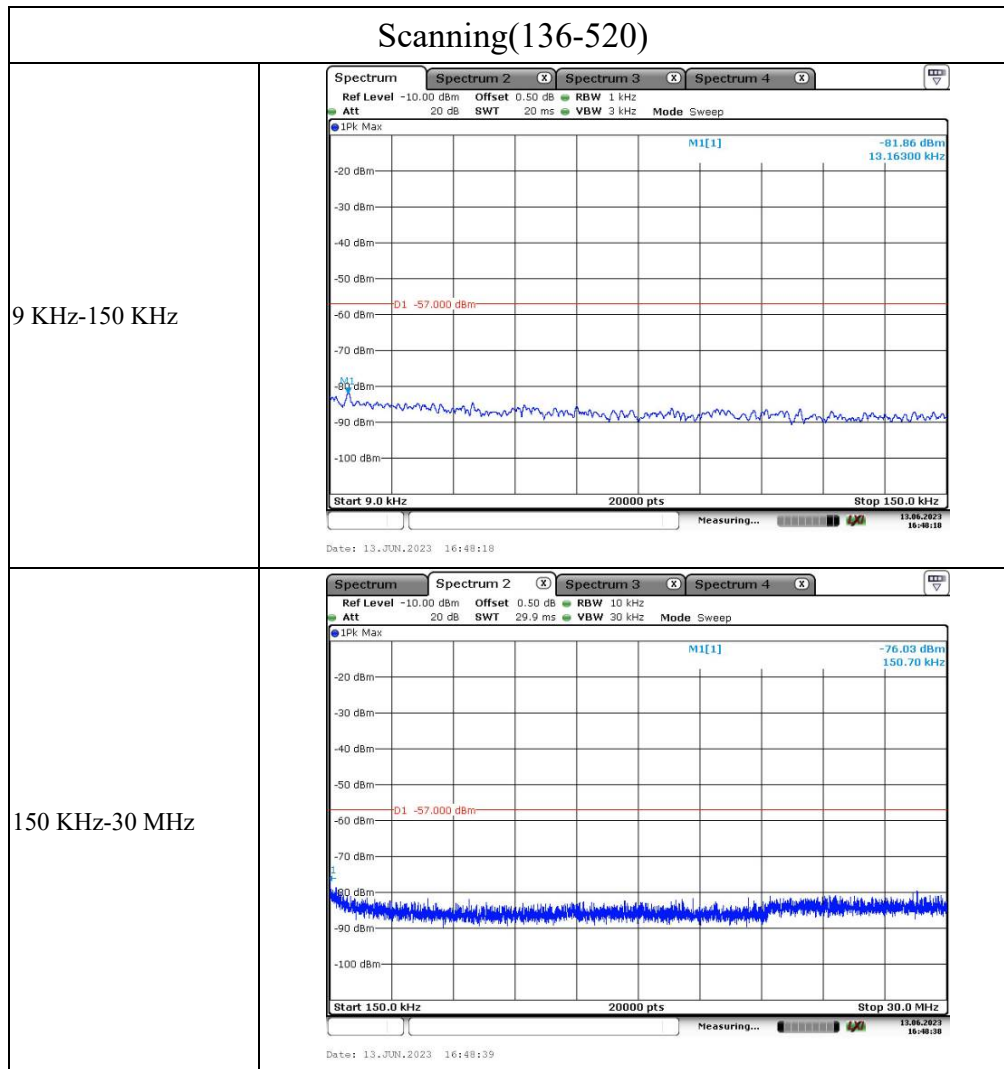
Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	48~57	ATM Pressure: (kPa)	99.5~99.9
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Test Equipment List and Details:

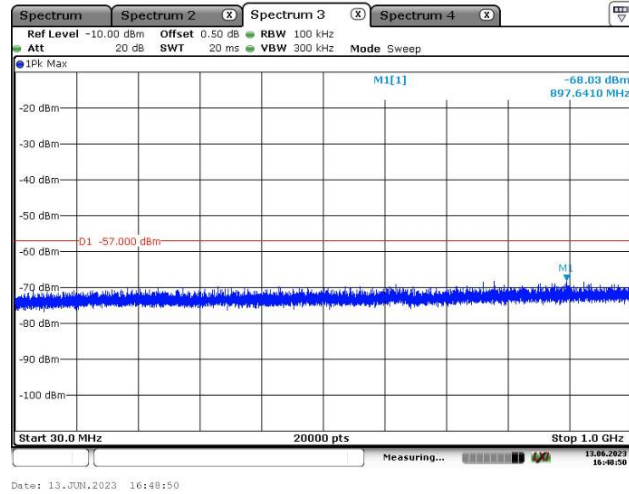
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/07/15	2023/07/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

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

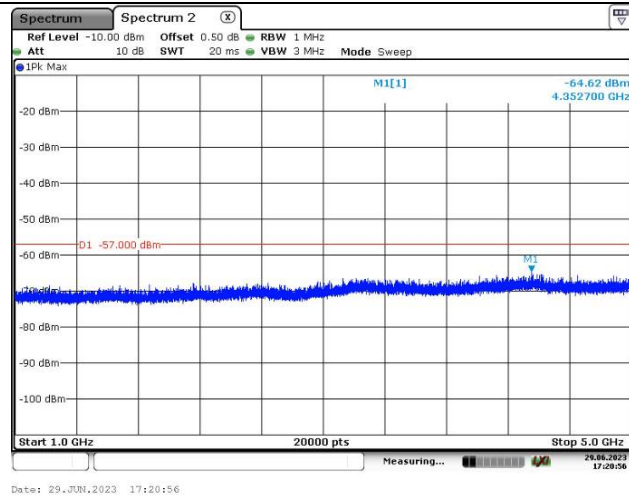
Test Mode: Charging& Scanning

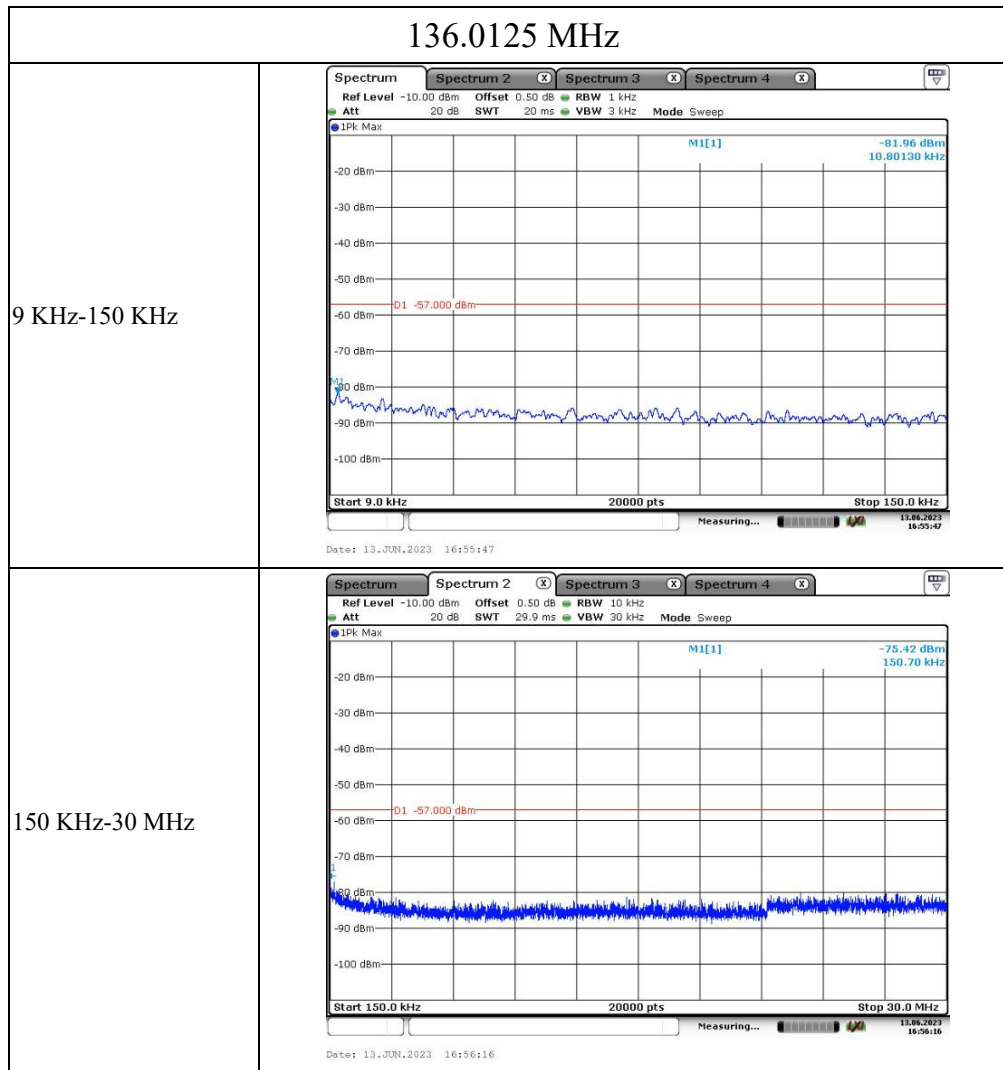
Scanning(136-520)

30MHz -1GHz



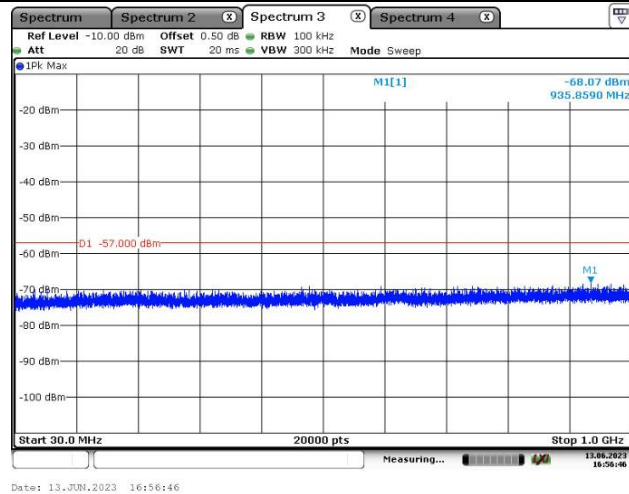
1GHz -5GHz



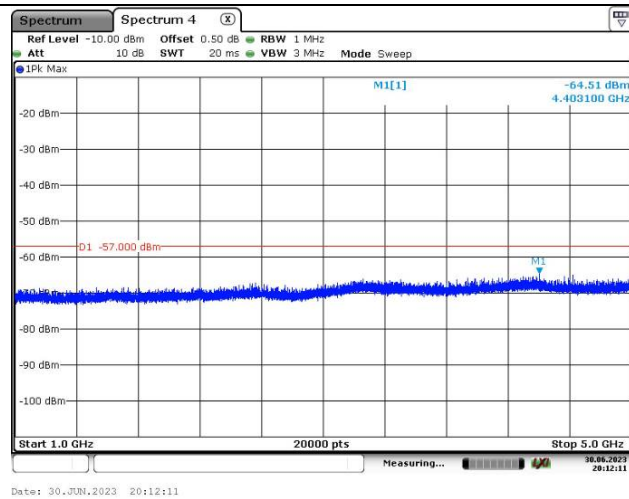
Test Mode: Charging& Receiving

136.0125 MHz

30MHz -1GHz

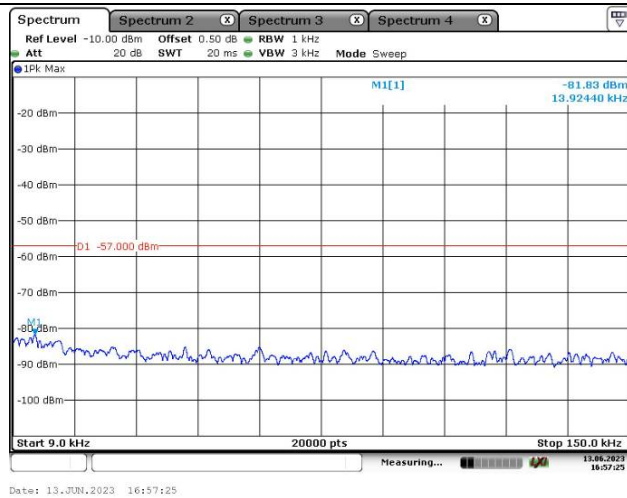


1GHz -5GHz

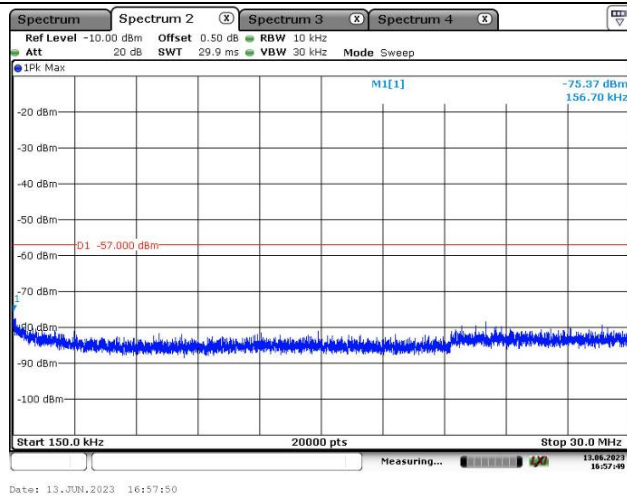


155 MHz

9 KHz-150 KHz

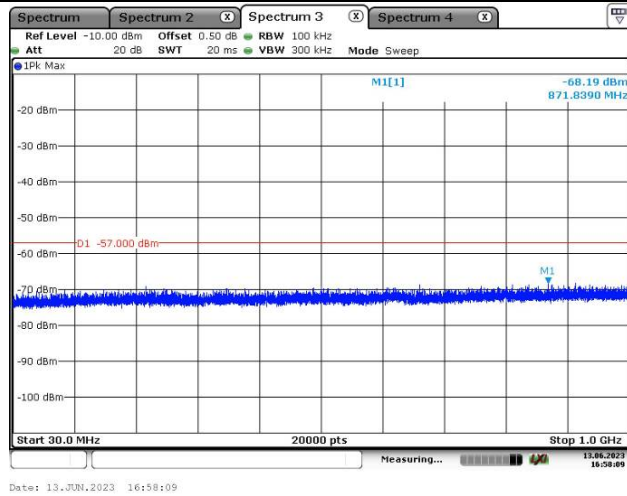


150 KHz-30 MHz

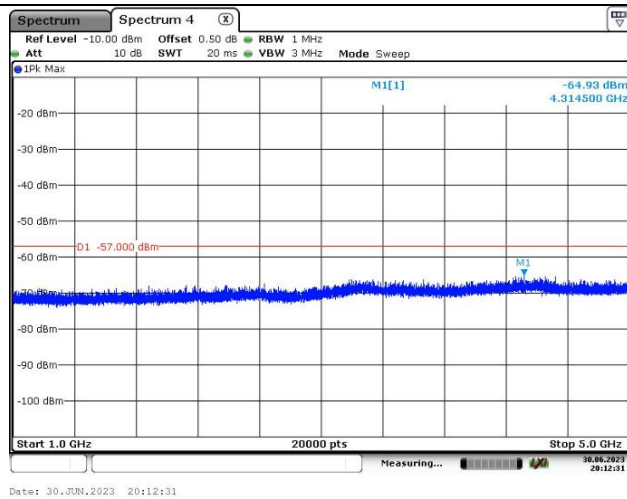


155 MHz

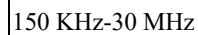
30MHz -1GHz



1GHz -5GHz

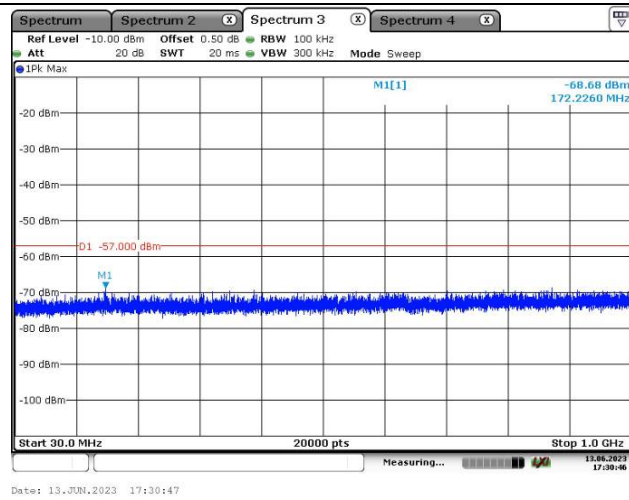


9 KHz-150 KHz

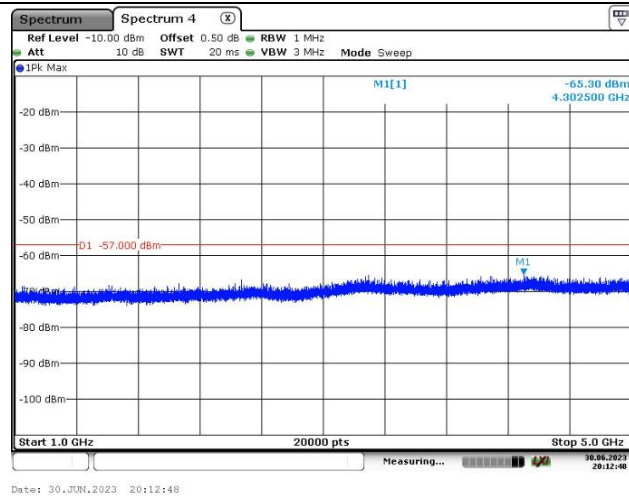


173.9875 MHz

30MHz -1GHz

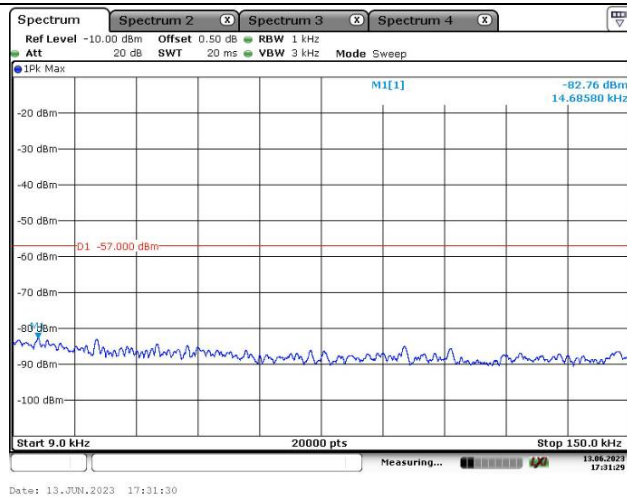


1GHz -5GHz

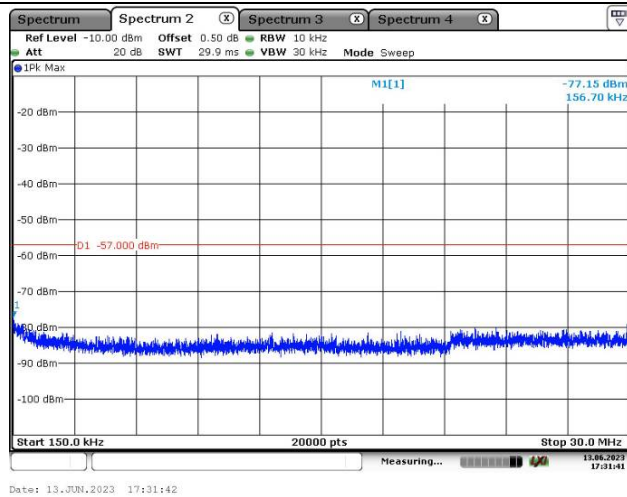


220.0125 MHz

9 KHz-150 KHz

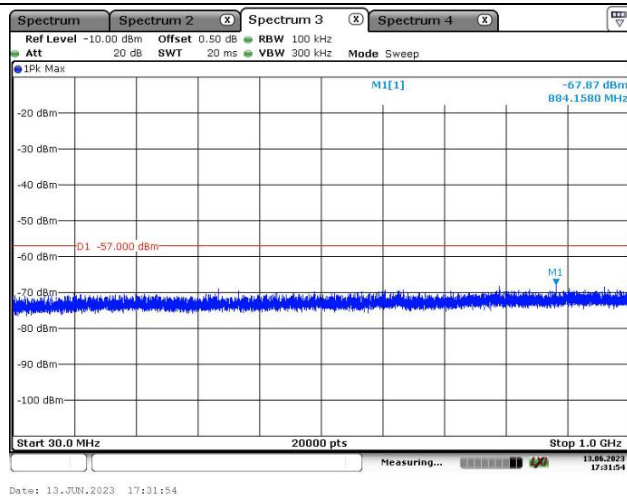


150 KHz-30 MHz

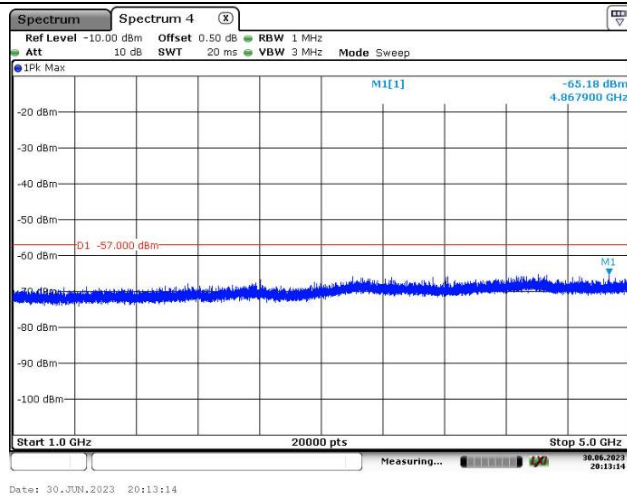


220.0125 MHz

30MHz -1GHz

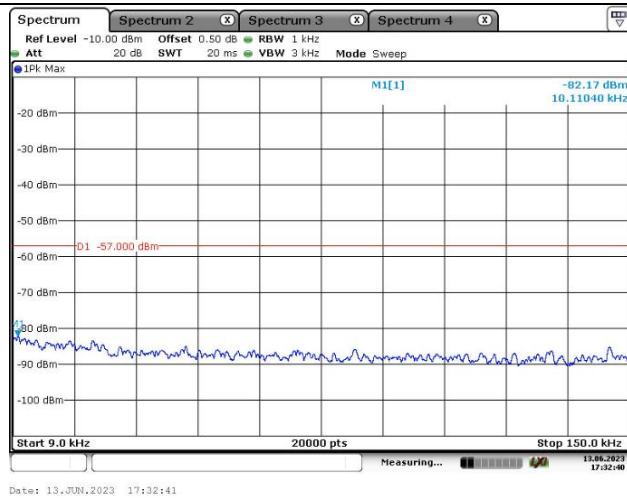


1GHz -5GHz

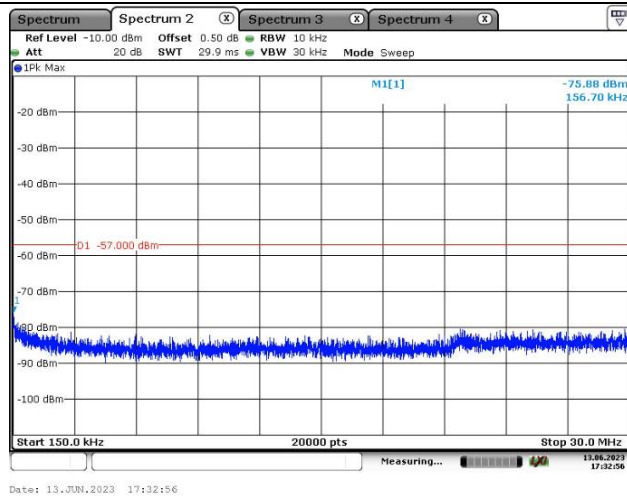


240 MHz

9 KHz-150 KHz

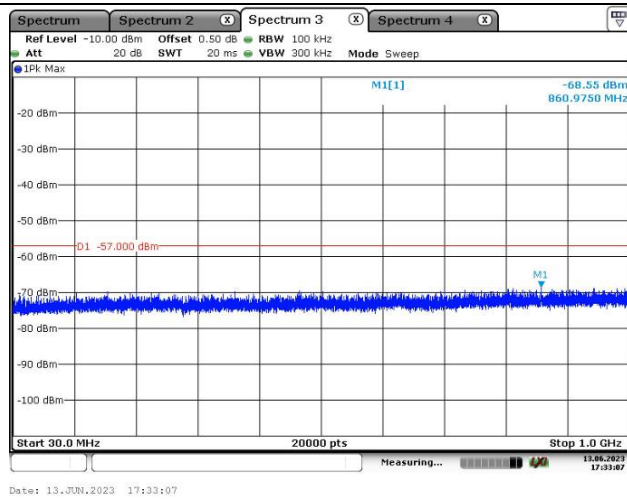


150 KHz-30 MHz

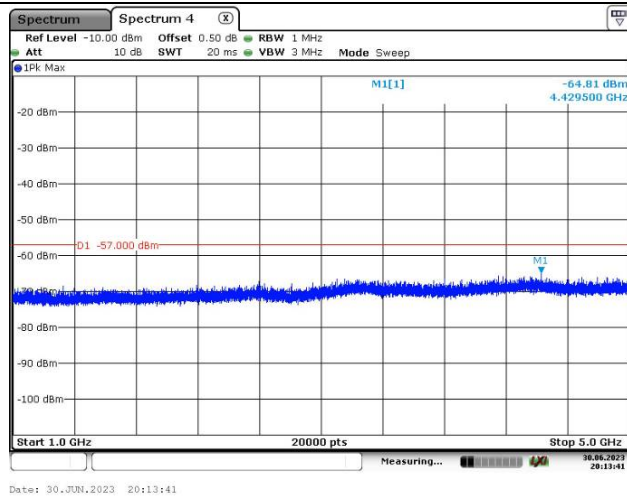


240 MHz

30MHz -1GHz

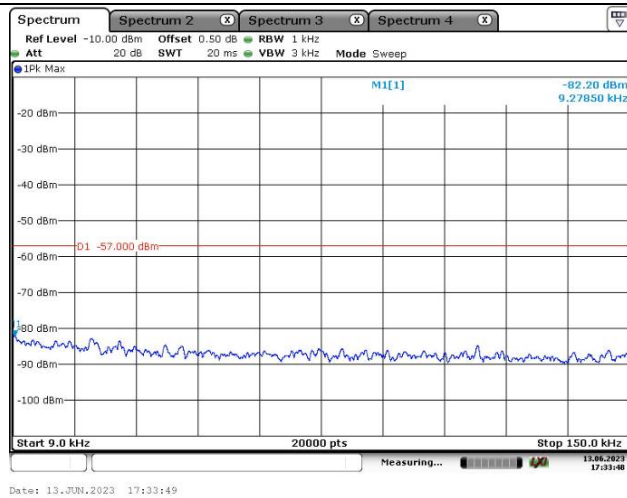


1GHz -5GHz

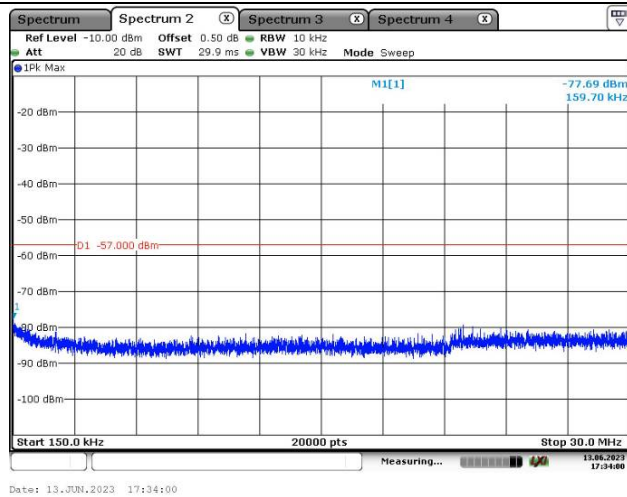


259.9875 MHz

9 KHz-150 KHz

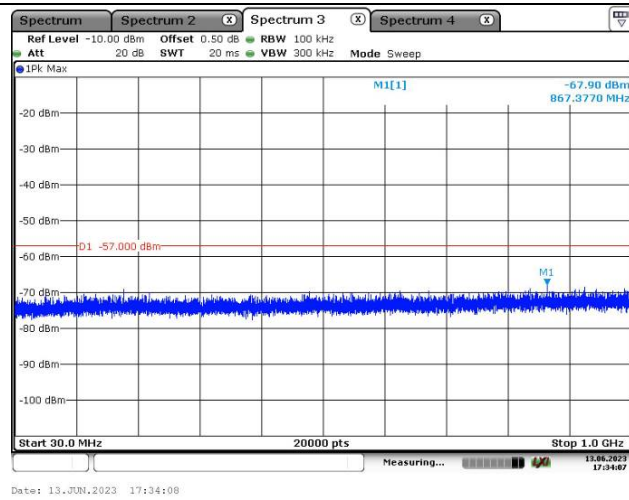


150 KHz-30 MHz

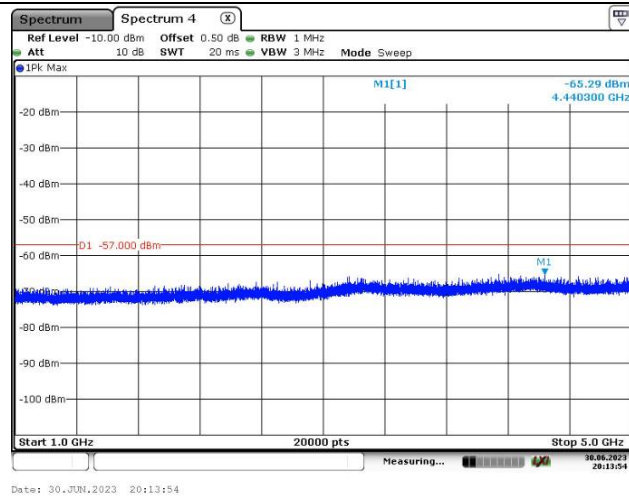


259.9875 MHz

30MHz -1GHz

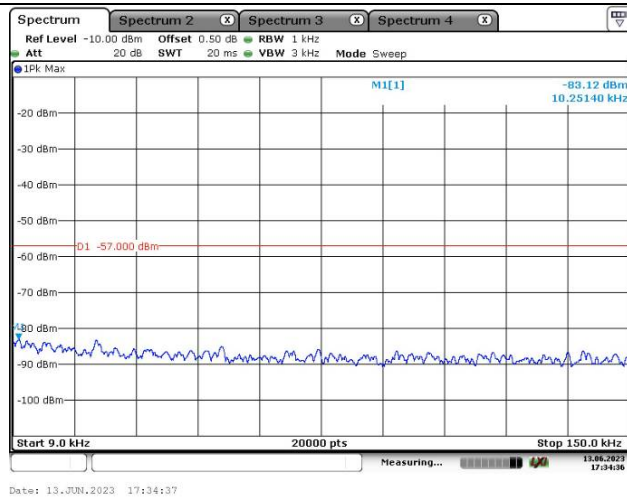


1GHz -5GHz

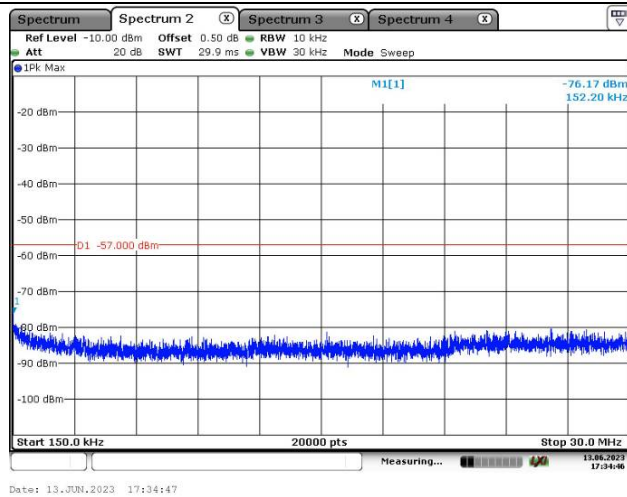


400.0125 MHz

9 KHz-150 KHz

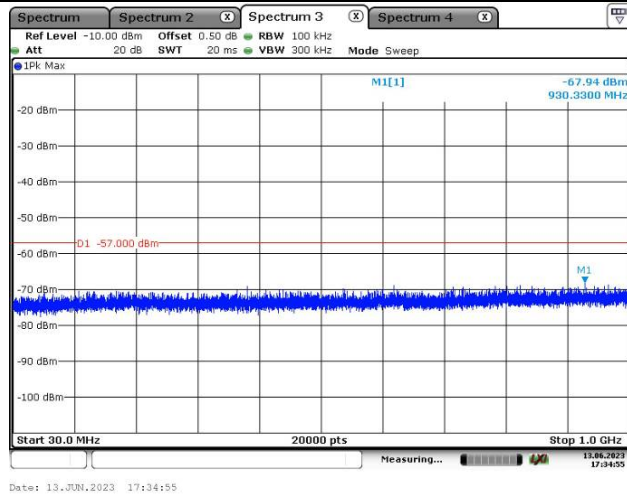


150 KHz-30 MHz

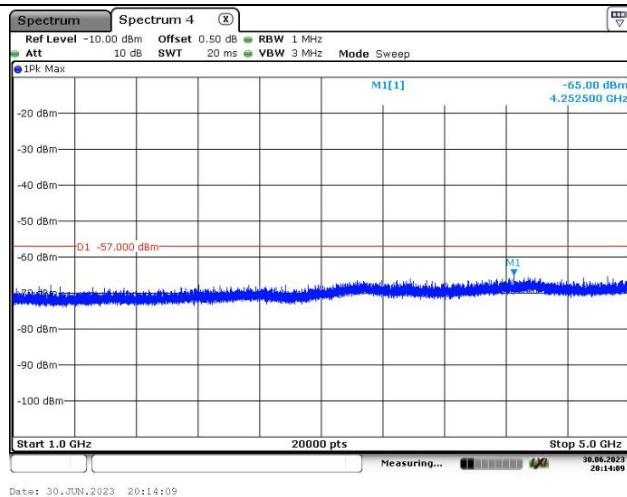


400.0125 MHz

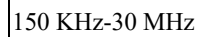
30MHz -1GHz



1GHz -5GHz

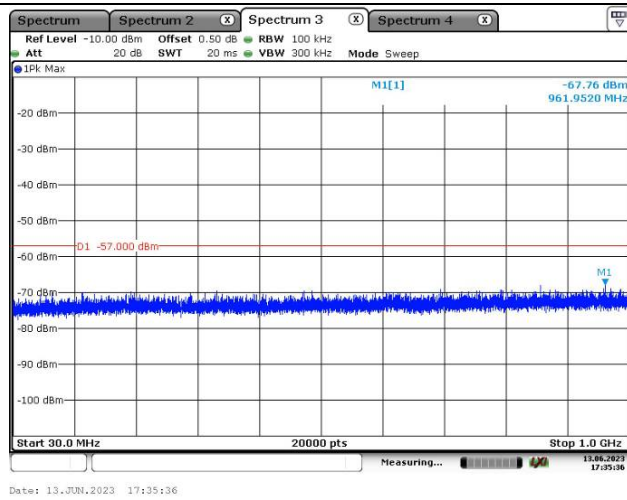


9 KHz-150 KHz

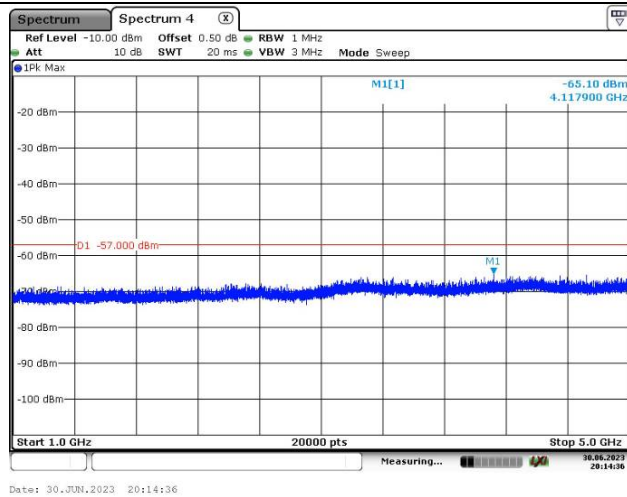


460 MHz

30MHz -1GHz

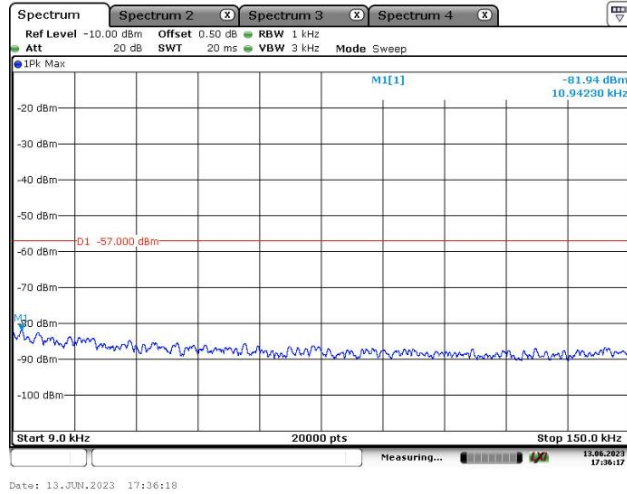


1GHz -5GHz

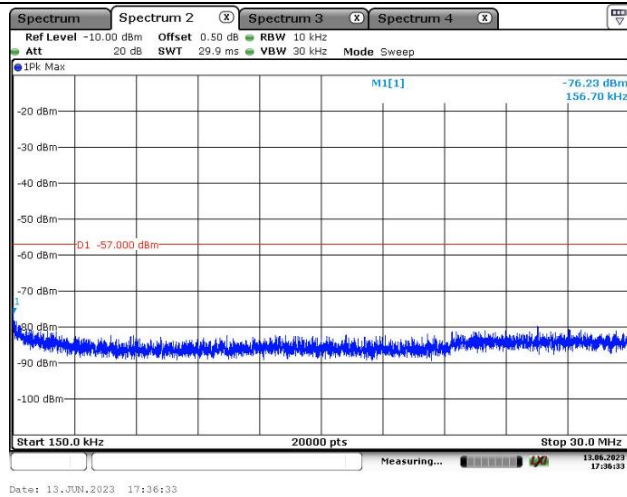


519.9875 MHz

9 KHz-150 KHz

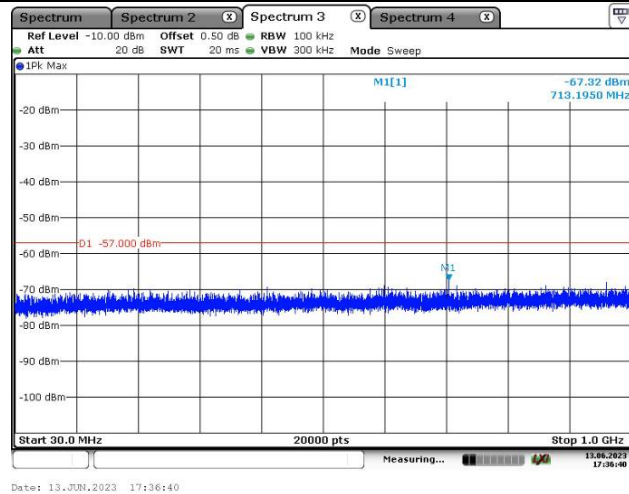


150 KHz-30 MHz

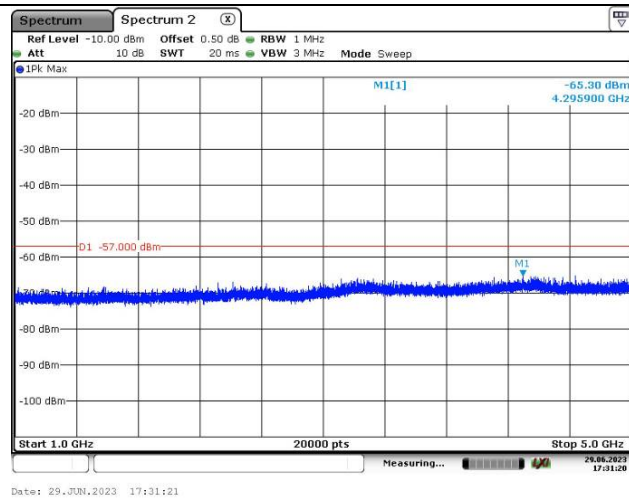


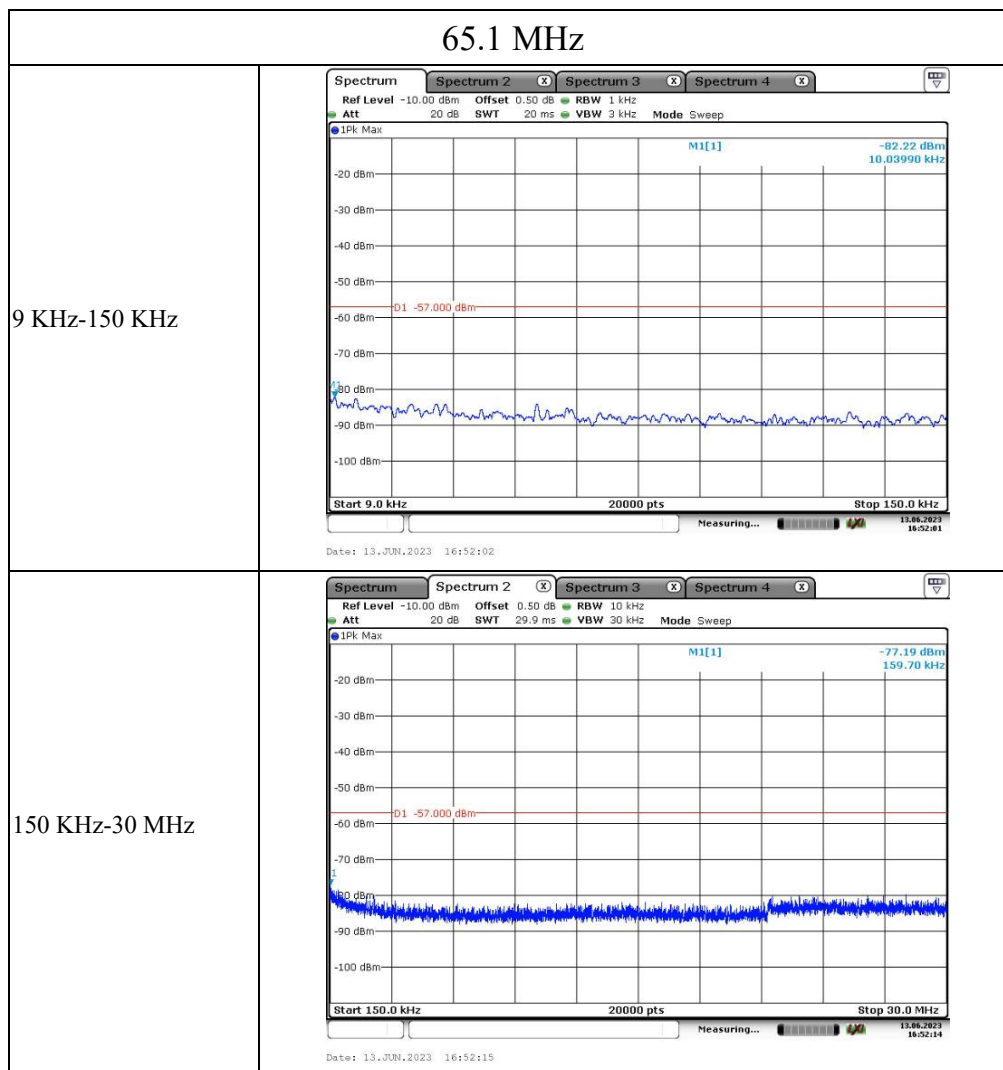
519.9875 MHz

30MHz -1GHz



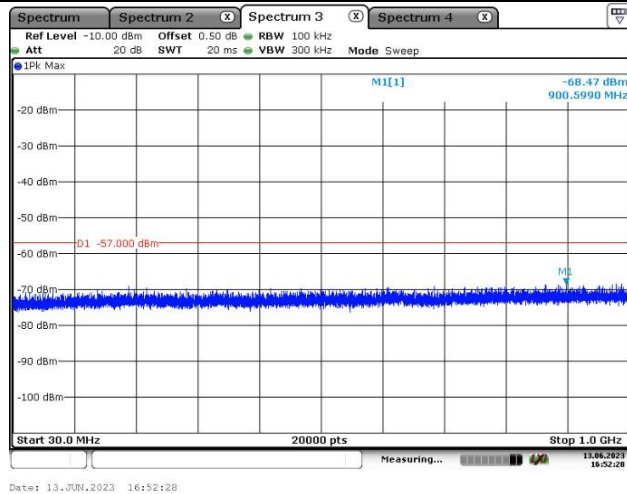
1GHz -5GHz



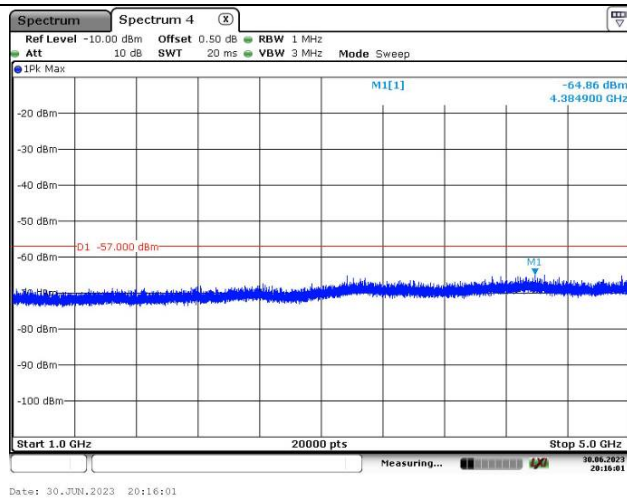
Test Mode: Charging& FM Receiving

65.1 MHz

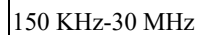
30MHz -1GHz



1GHz -5GHz

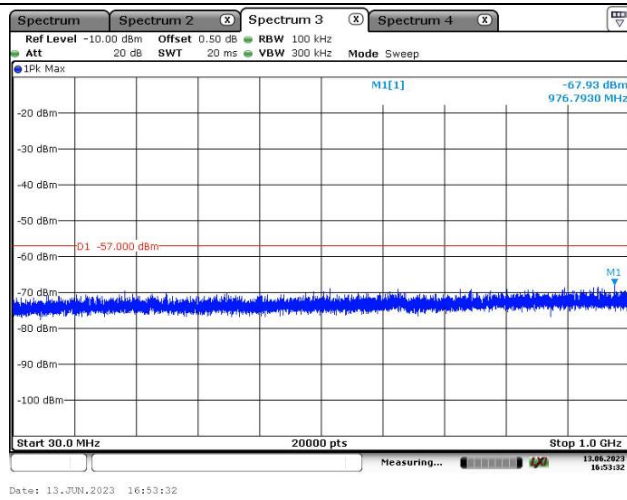


9 KHz-150 KHz

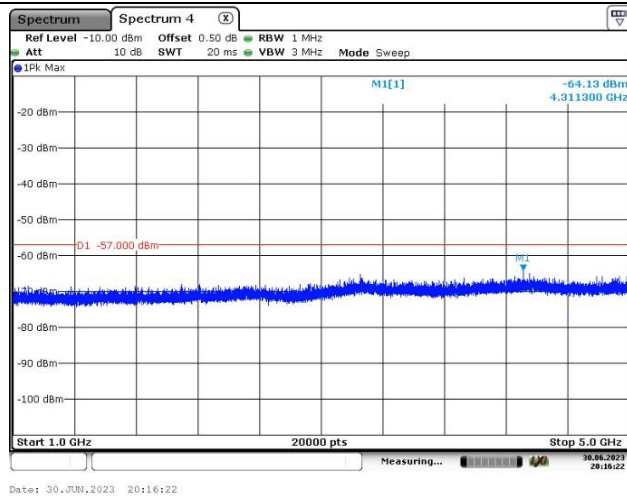


86.5 MHz

30MHz -1GHz

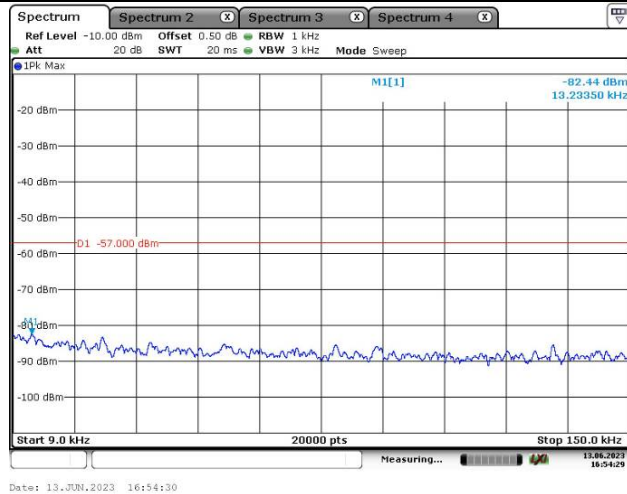


1GHz -5GHz

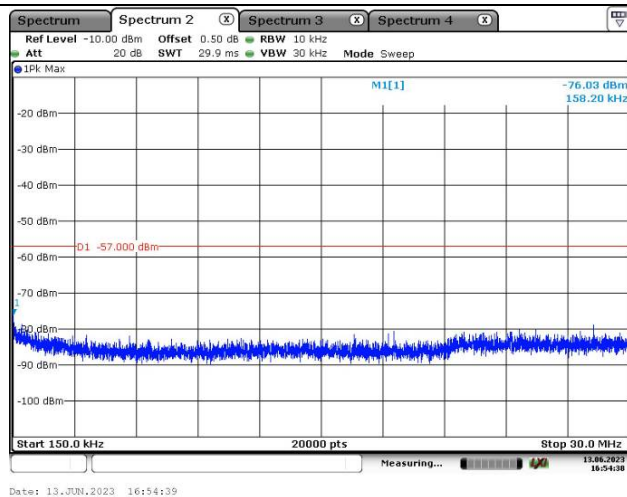


107.9 MHz

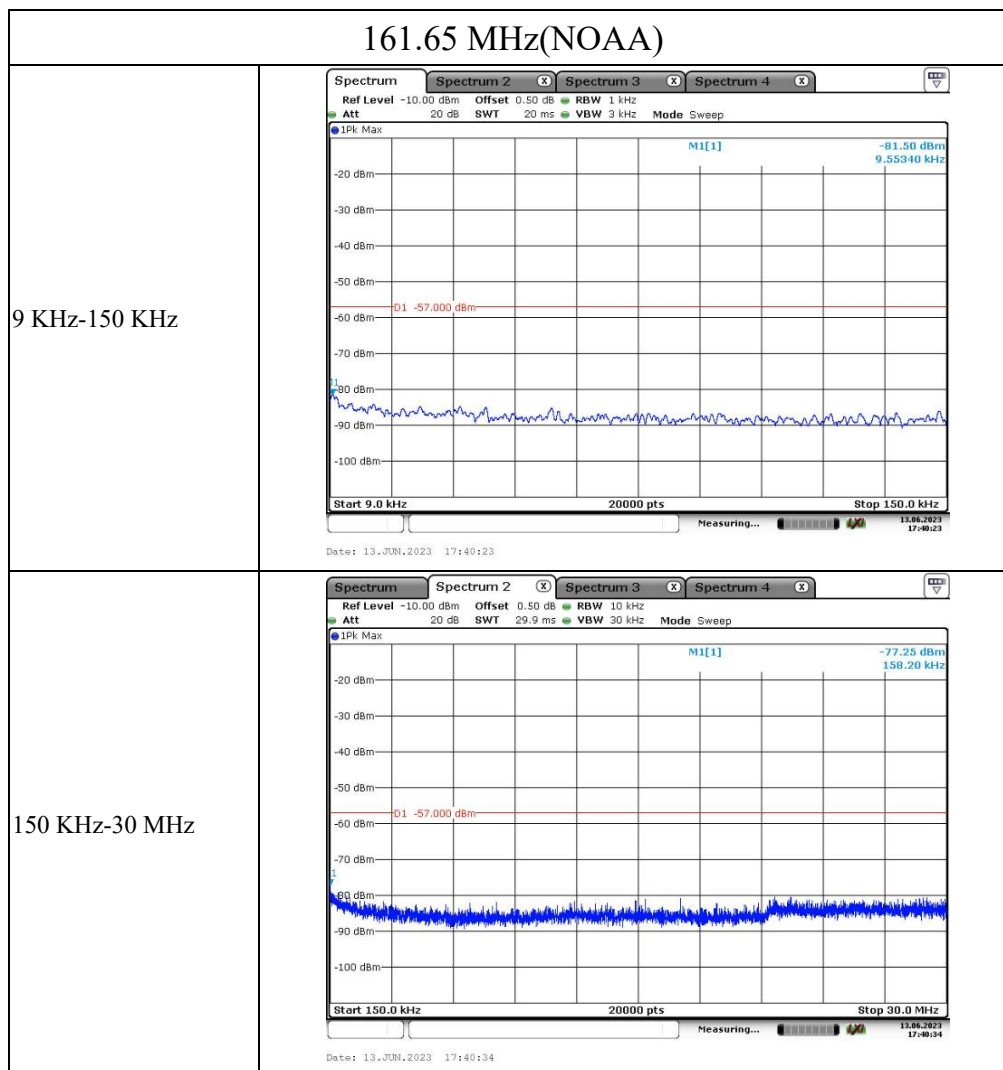
9 KHz-150 KHz



150 KHz-30 MHz

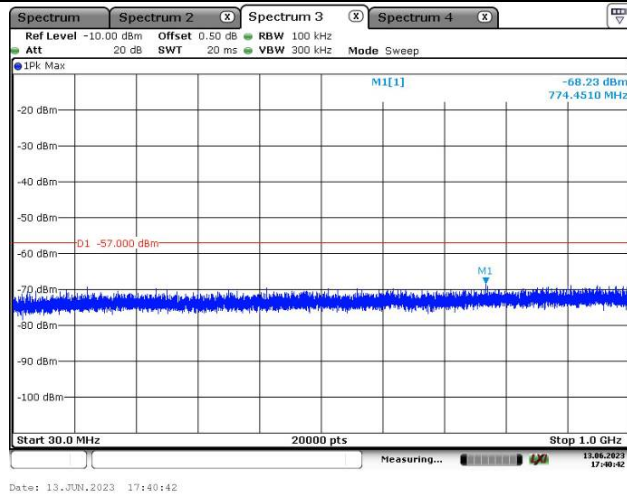




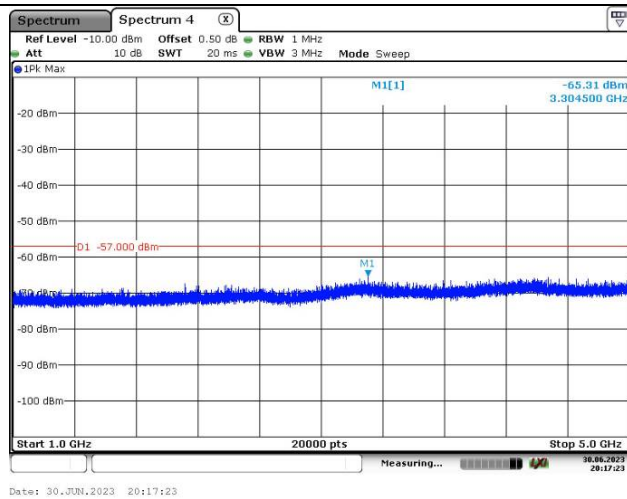
Test Mode: Charging& NOAA Receiving

161.65 MHz(NOAA)

30MHz -1GHz

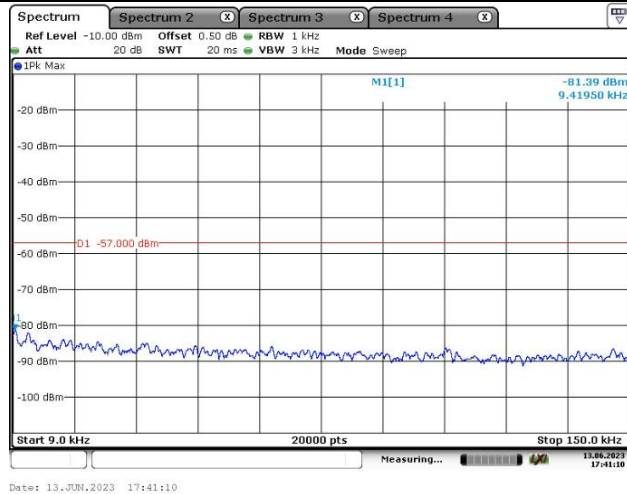


1GHz -5GHz

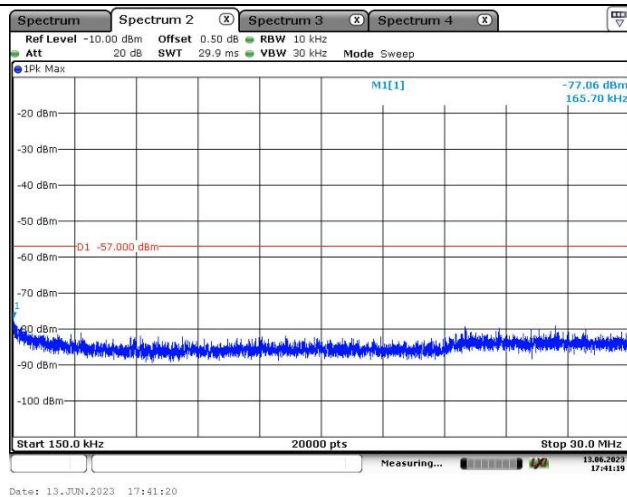


163.275 MHz(NOAA)

9 KHz-150 KHz

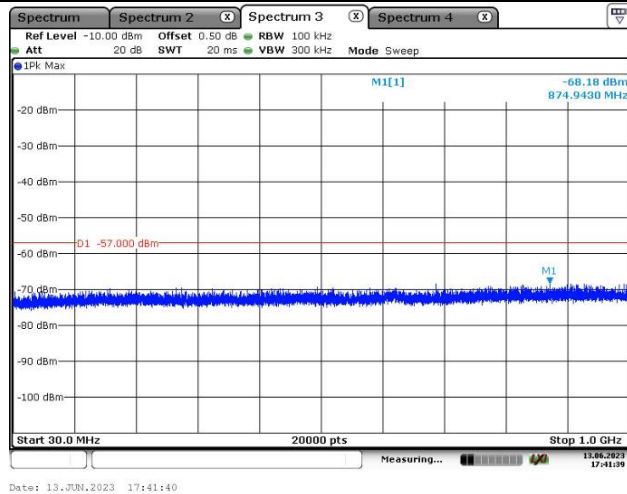


150 KHz-30 MHz

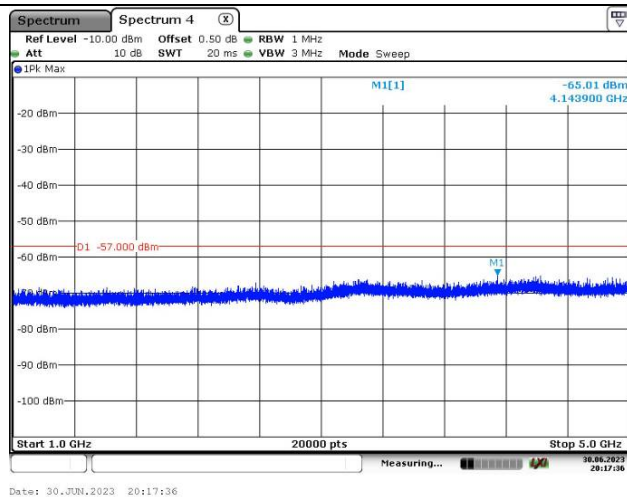


163.275 MHz(NOAA)

30MHz -1GHz



1GHz -5GHz



4.4 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	25W9-1	Test Date:	2023/06/13
Test Site:	RF	Test Mode:	Scanning
Tester:	Morpheus Shi	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.8	Relative Humidity: (%)	57	ATM Pressure: (kPa)	99.5
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/07/15	2023/07/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

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

Test Data:

Scanning Frequency Range	Test Frequency	Measurement Result (Worst Case)	Limit
MHz	MHz	dB	dB
136-174/400-520	824, 836, 849, 849, 881.5, 894	48	>38

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