中认信通
CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

TEST REPORT

Applicant: **INGENICO**

Address: 9 Avenue de la gare - Rovaltain TGV, BP25156,Valence Cedex 9, 26958 , France

FCC ID: **XKB-DX4LOBCLWB**

Product Name: **Smart POS Terminal**

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: **CR221263969-00D**

Date Of Issue: **2023/4/21**

Reviewed By: **Sun Zhong** Sun Zhong

Title: Manager

Test Laboratory: **China Certification ICT Co., Ltd (Dongguan)**
No. 113, Pingkang Road, Dalang Town, Dongguan,
Guangdong, China
Tel: +86-769-82016888

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.

This report cannot be reproduced except in full, without prior written approval of the Company.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk "★".

CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR221263969-00D	Original Report	2023/4/21

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Smart POS Terminal
EUT Model:	AXIUM DX4000
Highest Operation Frequency:	2690 MHz
Rated Input Voltage:	5Vdc from adapter or 7.2Vdc/7.4Vdc from battery
Serial Number:	1XBG-2
EUT Received Date:	2023/1/5
EUT Received Status:	Good

Accessory Information:

Accessory Description	Manufacturer	Model
Adapter 1#	Xiamen Keli Electronics Co., Ltd	SW-0983
Adapter 2#	Jiangxi Jian Aohai Technology Co., Ltd	A319-050200U-US2
Adapter 3#	Shenzhen Flypower Technology Co., Ltd	PS10UA050K2000UU
Adapter 4#	Xiamen Keli Electronics Co., Ltd	KL-WD050200U
Battery 1#	Xinyu Ganfeng Electronics Co.,Ltd.	LD18650N
Battery 2#	Xinyu Ganfeng Electronics Co.,Ltd.	LD18650P
Battery 3#	SCUD (Fujian) Electronics Co.,Ltd.	LD18650K-1

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: Printing battery(#1)+Adapter 1# M2: Videoing battery(#1)+Adapter 1# M3: M1-M2 Worst Case_mode battery(#1)+Adapter 2# M4: M1-M2 Worst Case_mode battery(#1)+Adapter 3# M5: M1-M2 Worst Case_mode battery(#1)+Adapter 4# M6: M1-M2 Worst Case_mode battery(#2) M7: M1-M2 Worst Case_mode battery(#3)
Equipment Modifications:	No
EUT Exercise Software:	No

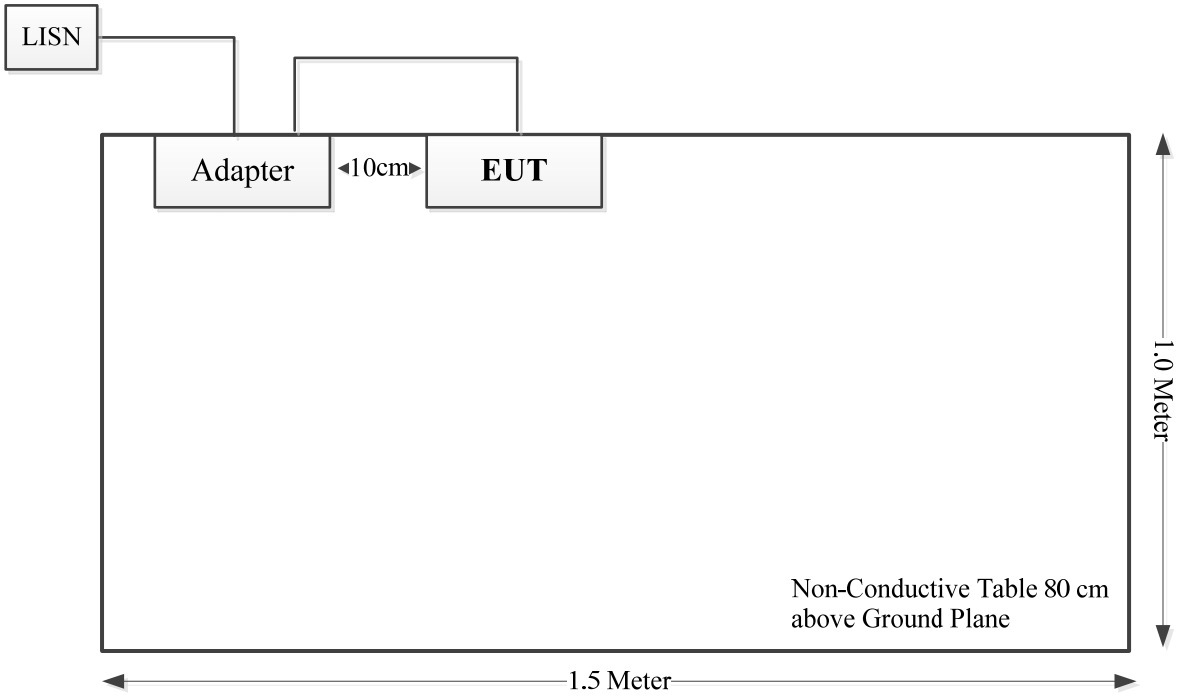
1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
/	/	/	/

1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	No	No	1	EUT	Adapter

1.2.4 Block Diagram of Test Setup



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	±1℃
Humidity	±5%
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

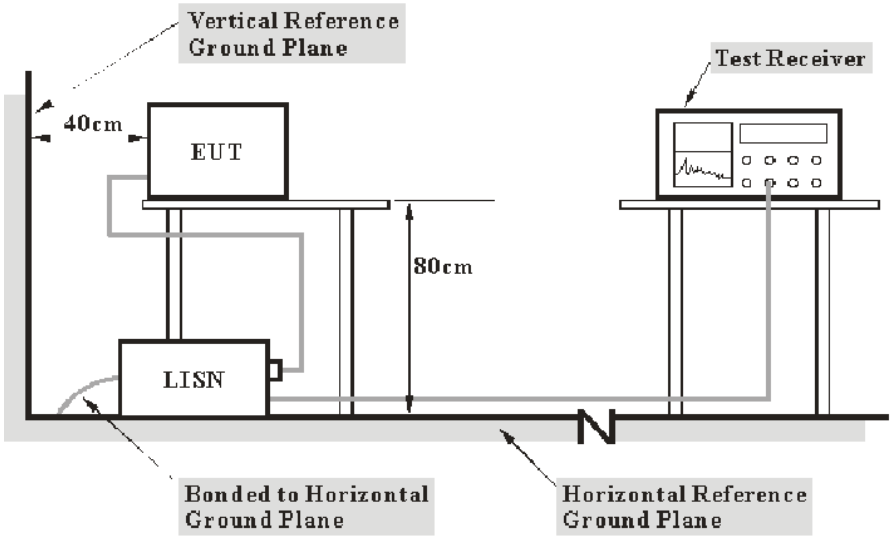
2. SUMMARY OF TEST RESULTS

Standard(s) Section	Description of Test	Result
§15.107	Conducted emissions	Compliant
§15.109	Radiated emissions	Compliant

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 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

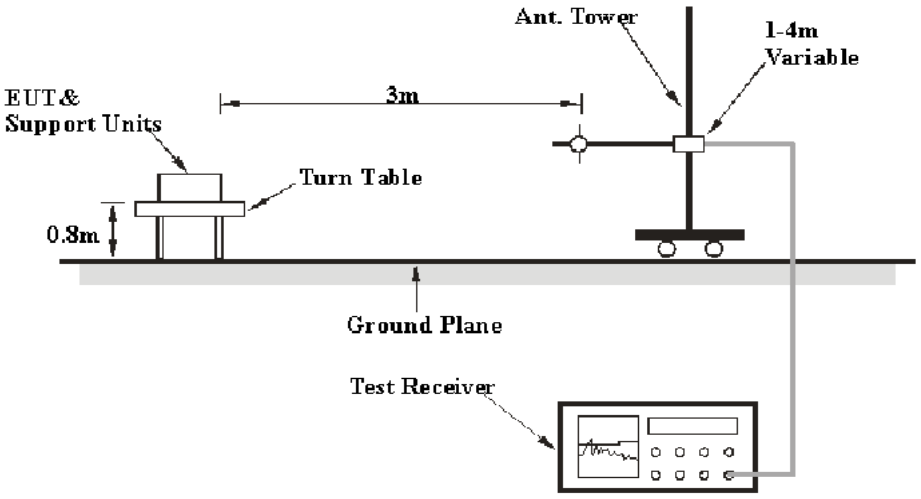
The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

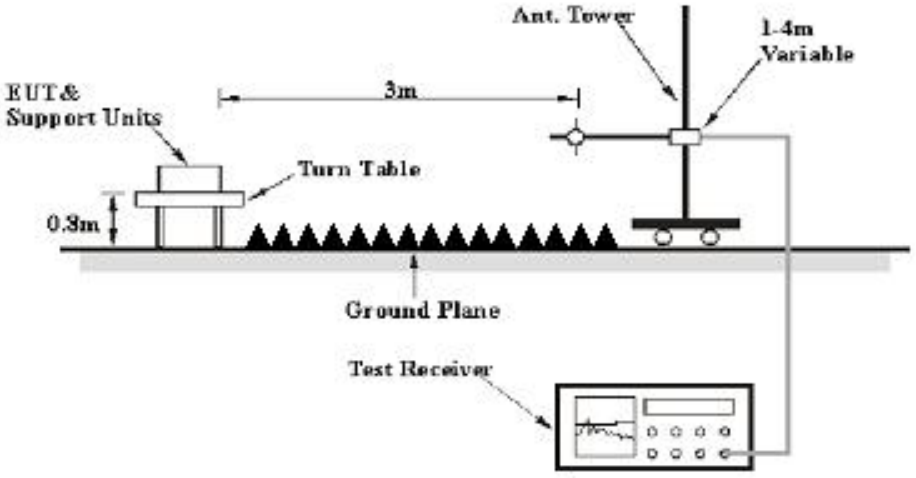
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed in the 3 meters chamber, 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 EMI Test Receiver Setup

The system was investigated from 30 MHz to 14 GHz.

During the radiated emission test, the EMI test receiver 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	Reduced video bandwidth	/	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, peak and average detection mode above 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

4. TEST DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	1XBG-2	Test Date:	2023/1/10~2023/1/17
Test Site:	CE	Test Mode:	M1~M7
Tester:	Vic Du	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	19.8~21.7	Relative Humidity: (%)	38~66	ATM Pressure: (kPa)	101.3~101.8

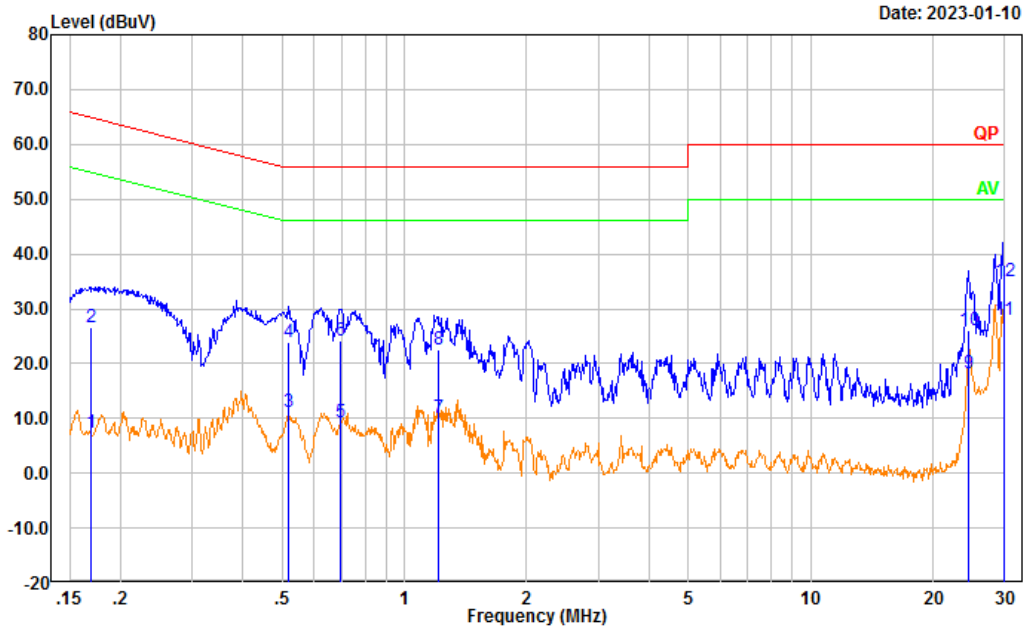
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2022/04/01	2023/03/31
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).*

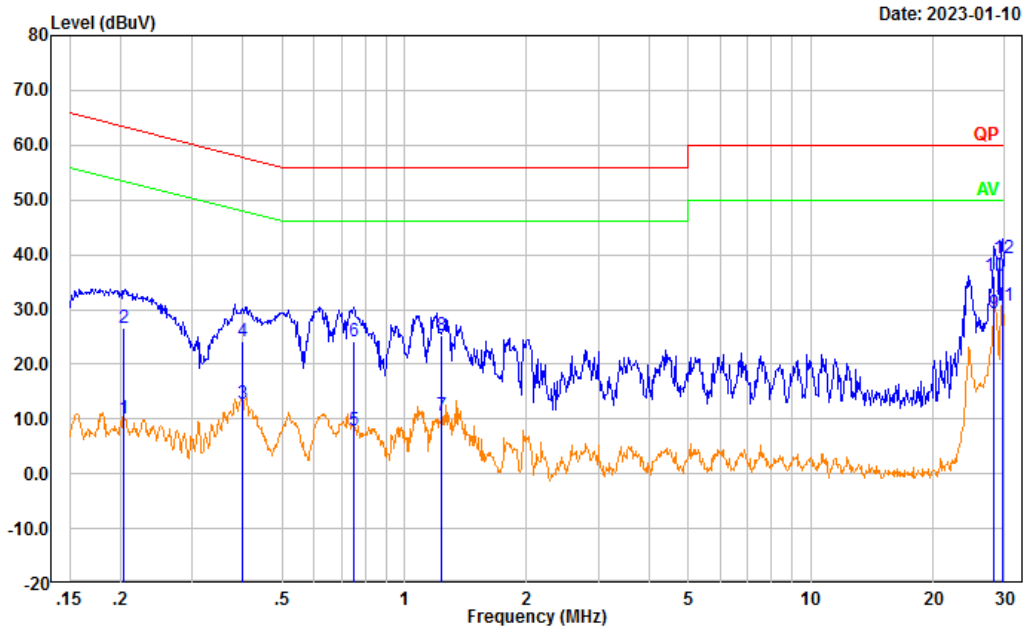
M1:

Test Mode: Printing+battery(#1)+Adapter 1#
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.169	-2.24	9.61	7.37	55.01	47.64	Average
2	0.169	17.13	9.61	26.74	65.01	38.27	QP
3	0.518	1.57	9.61	11.18	46.00	34.82	Average
4	0.518	14.17	9.61	23.78	56.00	32.22	QP
5	0.698	-0.44	9.62	9.18	46.00	36.82	Average
6	0.698	14.50	9.62	24.12	56.00	31.88	QP
7	1.209	0.45	9.62	10.07	46.00	35.93	Average
8	1.209	12.83	9.62	22.45	56.00	33.55	QP
9	24.450	8.46	9.81	18.27	50.00	31.73	Average
10	24.450	16.19	9.81	26.00	60.00	34.00	QP
11	29.808	18.13	9.82	27.95	50.00	22.05	Average
12	29.808	25.08	9.82	34.90	60.00	25.10	QP

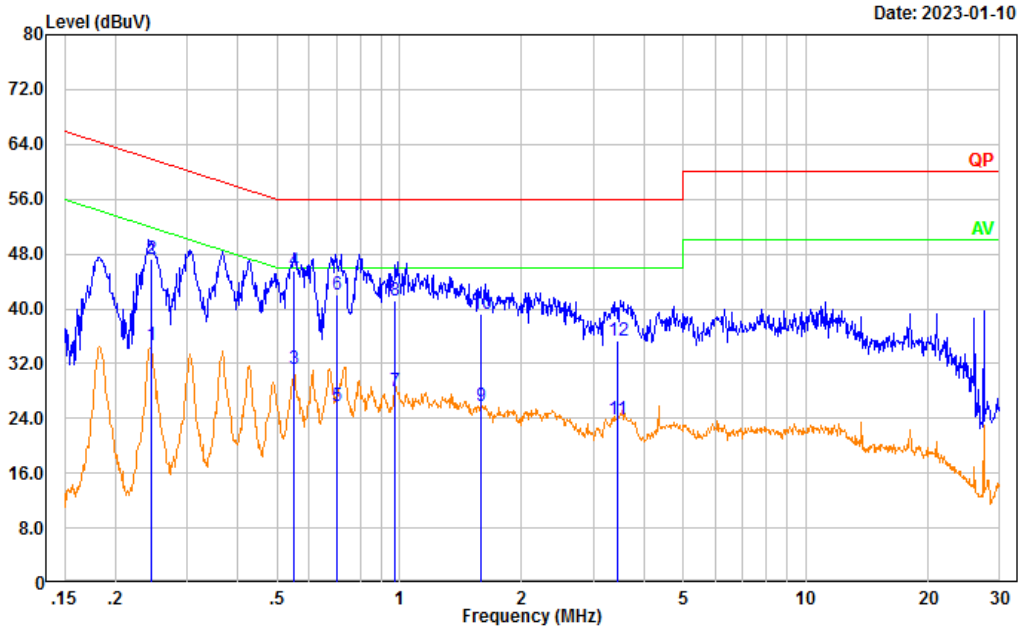
Test Mode: Printing+battery(#1)+Adapter 1#
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.204	0.52	9.61	10.13	53.47	43.34	Average
2	0.204	16.90	9.61	26.51	63.47	36.96	QP
3	0.399	3.31	9.61	12.92	47.87	34.95	Average
4	0.399	14.44	9.61	24.05	57.87	33.82	QP
5	0.750	-1.67	9.62	7.95	46.00	38.05	Average
6	0.750	14.49	9.62	24.11	56.00	31.89	QP
7	1.229	0.91	9.62	10.53	46.00	35.47	Average
8	1.229	15.61	9.62	25.23	56.00	30.77	QP
9	28.277	19.45	9.81	29.26	50.00	20.74	Average
10	28.277	26.37	9.81	36.18	60.00	23.82	QP
11	29.745	20.97	9.82	30.79	50.00	19.21	Average
12	29.745	29.47	9.82	39.29	60.00	20.71	QP

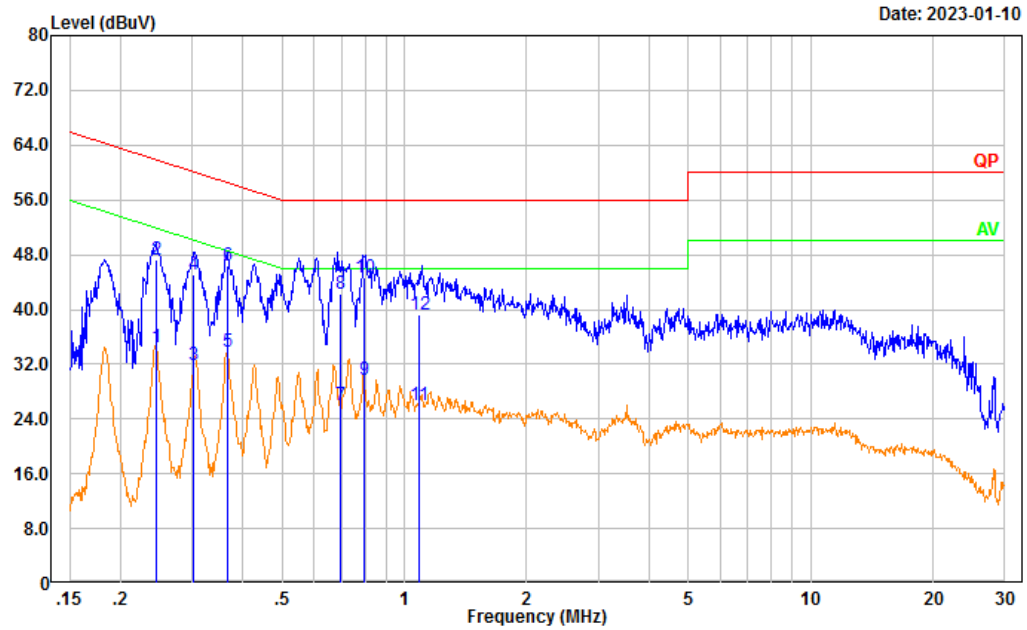
M2:

Test Mode: Videoing+battery(#1)+Adapter 1#
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.244	25.02	9.61	34.63	51.94	17.31	Average
2	0.244	37.60	9.61	47.21	61.94	14.73	QP
3	0.550	21.58	9.61	31.19	46.00	14.81	Average
4	0.550	35.97	9.61	45.58	56.00	10.42	QP
5	0.703	16.10	9.62	25.72	46.00	20.28	Average
6	0.703	32.35	9.62	41.97	56.00	14.03	QP
7	0.972	18.35	9.62	27.97	46.00	18.03	Average
8	0.972	31.52	9.62	41.14	56.00	14.86	QP
9	1.589	16.26	9.63	25.89	46.00	20.11	Average
10	1.589	29.69	9.63	39.32	56.00	16.68	QP
11	3.445	14.22	9.65	23.87	46.00	22.13	Average
12	3.445	25.74	9.65	35.39	56.00	20.61	QP

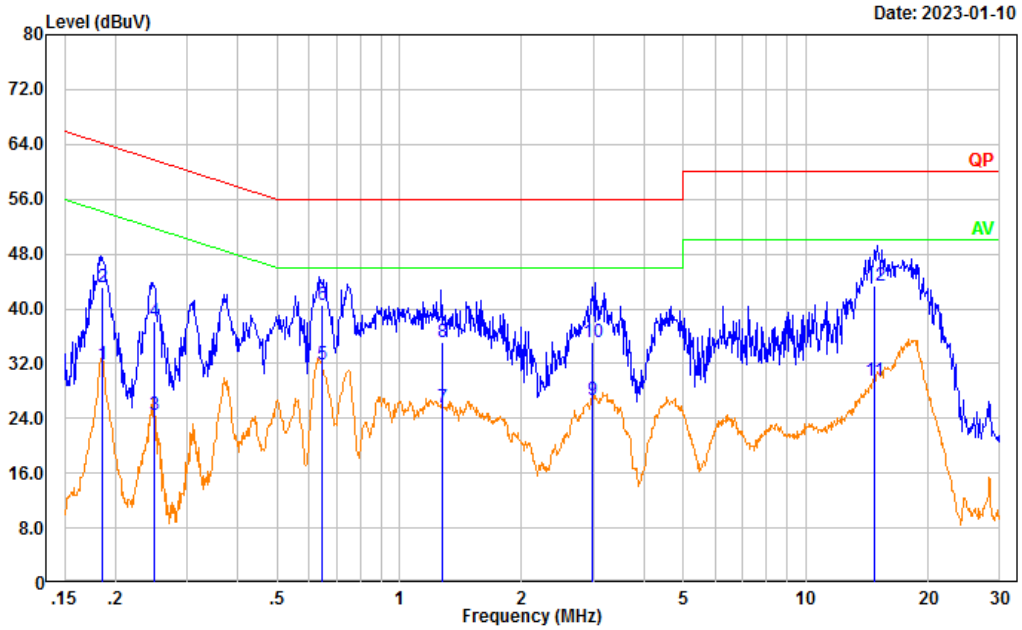
Test Mode: Videoing+battery(#1)+Adapter 1#
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.245	24.87	9.61	34.48	51.93	17.45	Average
2	0.245	37.57	9.61	47.18	61.93	14.75	QP
3	0.303	22.24	9.61	31.85	50.17	18.32	Average
4	0.303	35.56	9.61	45.17	60.17	15.00	QP
5	0.367	24.11	9.61	33.72	48.57	14.85	Average
6	0.367	36.79	9.61	46.40	58.57	12.17	QP
7	0.697	16.42	9.62	26.04	46.00	19.96	Average
8	0.697	32.59	9.62	42.21	56.00	13.79	QP
9	0.794	19.98	9.62	29.60	46.00	16.40	Average
10	0.794	35.08	9.62	44.70	56.00	11.30	QP
11	1.085	16.29	9.62	25.91	46.00	20.09	Average
12	1.085	29.70	9.62	39.32	56.00	16.68	QP

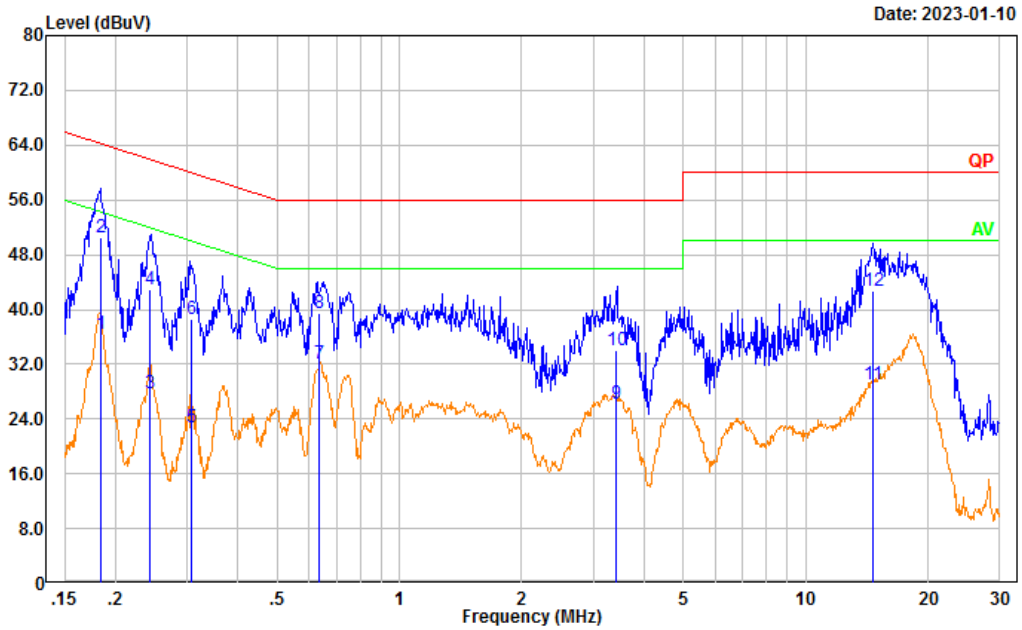
M3:

Test Mode: M2 Worst Case_mode+battery(#1)+Adapter_2#
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.185	22.30	9.61	31.91	54.25	22.34	Average
2	0.185	33.53	9.61	43.14	64.25	21.11	QP
3	0.250	14.81	9.61	24.42	51.77	27.35	Average
4	0.250	28.53	9.61	38.14	61.77	23.63	QP
5	0.644	22.23	9.62	31.85	46.00	14.15	Average
6	0.644	30.96	9.62	40.58	56.00	15.42	QP
7	1.275	15.91	9.62	25.53	46.00	20.47	Average
8	1.275	25.50	9.62	35.12	56.00	20.88	QP
9	2.988	17.07	9.65	26.72	46.00	19.28	Average
10	2.988	25.37	9.65	35.02	56.00	20.98	QP
11	14.714	19.88	9.69	29.57	50.00	20.43	Average
12	14.714	33.60	9.69	43.29	60.00	16.71	QP

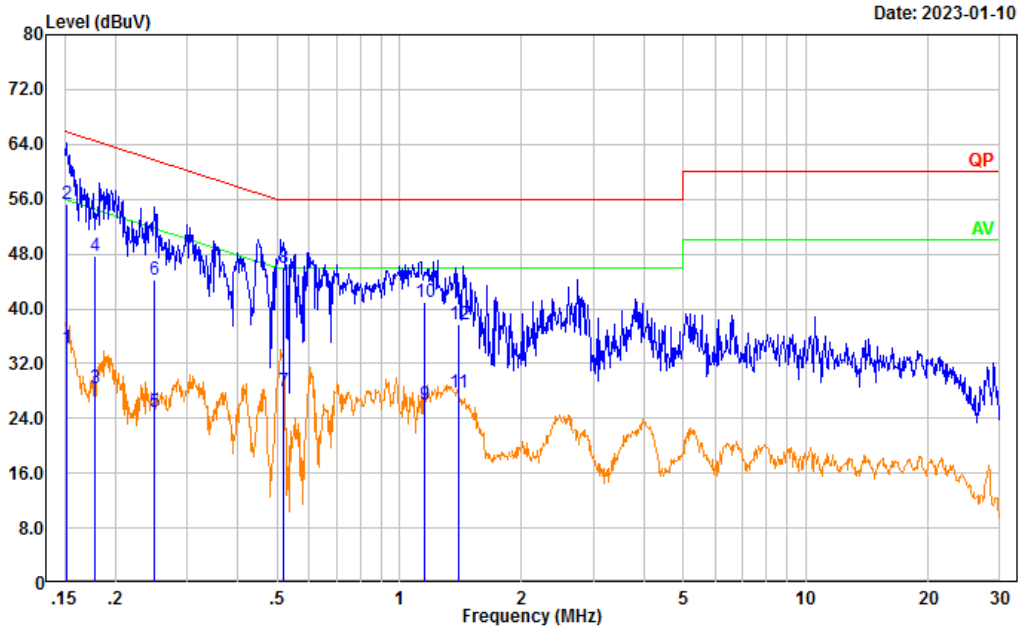
Test Mode: M2 Worst Case_mode+battery(#1)+Adapter_2#
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.185	26.77	9.61	36.38	54.26	17.88	Average
2	0.185	40.80	9.61	50.41	64.26	13.85	QP
3	0.243	18.20	9.61	27.81	51.98	24.17	Average
4	0.243	33.34	9.61	42.95	61.98	19.03	QP
5	0.308	13.23	9.61	22.84	50.01	27.17	Average
6	0.308	28.96	9.61	38.57	60.01	21.44	QP
7	0.637	22.38	9.62	32.00	46.00	14.00	Average
8	0.637	29.84	9.62	39.46	56.00	16.54	QP
9	3.417	16.57	9.65	26.22	46.00	19.78	Average
10	3.417	24.48	9.65	34.13	56.00	21.87	QP
11	14.575	19.28	9.69	28.97	50.00	21.03	Average
12	14.575	32.99	9.69	42.68	60.00	17.32	QP

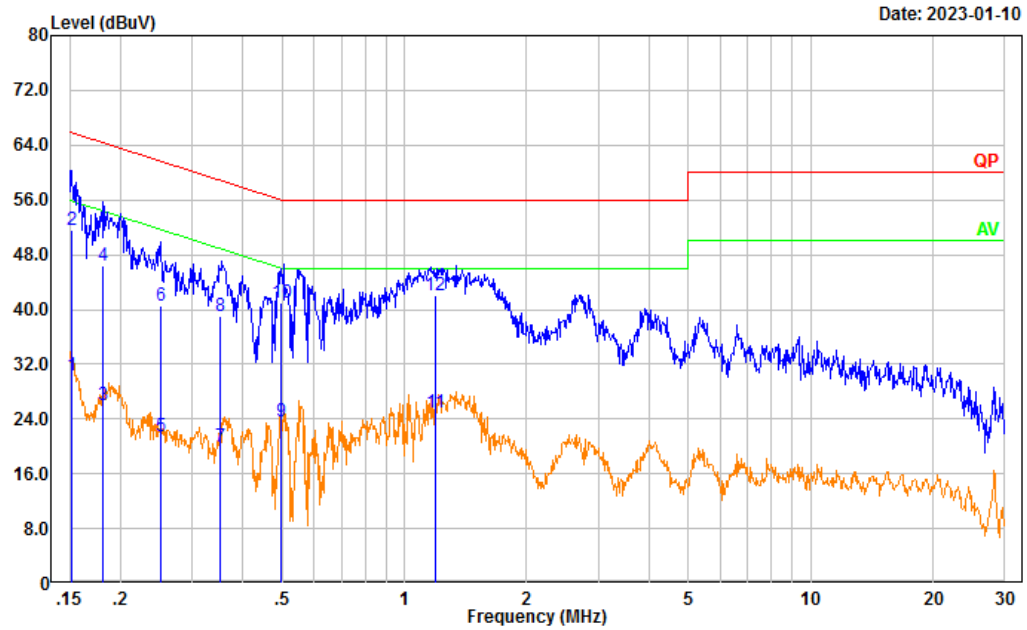
M4:

Test Mode: M2 Worst Case_modebattery(#1)+Adapter_3#
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.152	24.55	9.61	34.16	55.89	21.73	Average
2	0.152	45.77	9.61	55.38	65.89	10.51	QP
3	0.178	18.71	9.61	28.32	54.56	26.24	Average
4	0.178	38.15	9.61	47.76	64.56	16.80	QP
5	0.250	15.40	9.61	25.01	51.75	26.74	Average
6	0.250	34.55	9.61	44.16	61.75	17.59	QP
7	0.520	18.40	9.61	28.01	46.00	17.99	Average
8	0.520	36.44	9.61	46.05	56.00	9.95	QP
9	1.152	16.50	9.62	26.12	46.00	19.88	Average
10	1.152	31.40	9.62	41.02	56.00	14.98	QP
11	1.394	18.05	9.62	27.67	46.00	18.33	Average
12	1.394	28.05	9.62	37.67	56.00	18.33	QP

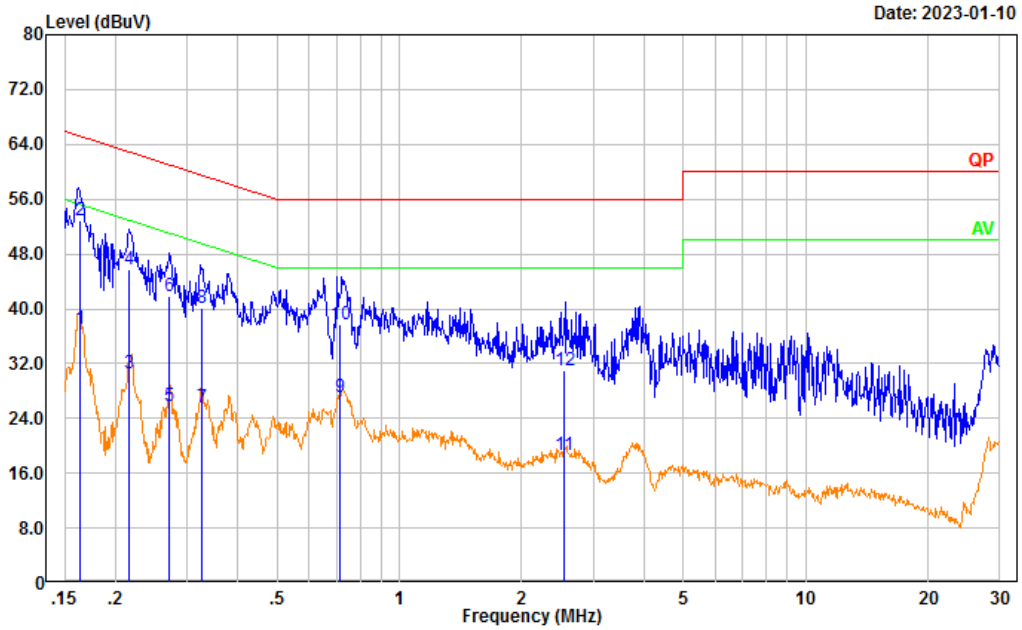
Test Mode: M2 Worst Case_modebattery(#1)+Adapter_3#
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.152	20.70	9.61	30.31	55.88	25.57	Average
2	0.152	42.09	9.61	51.70	65.88	14.18	QP
3	0.181	16.50	9.61	26.11	54.42	28.31	Average
4	0.181	36.74	9.61	46.35	64.42	18.07	QP
5	0.251	11.85	9.61	21.46	51.72	30.26	Average
6	0.251	30.89	9.61	40.50	61.72	21.22	QP
7	0.352	10.39	9.61	20.00	48.92	28.92	Average
8	0.352	29.51	9.61	39.12	58.92	19.80	QP
9	0.499	14.08	9.61	23.69	46.02	22.33	Average
10	0.499	31.36	9.61	40.97	56.02	15.05	QP
11	1.187	15.20	9.62	24.82	46.00	21.18	Average
12	1.187	32.40	9.62	42.02	56.00	13.98	QP

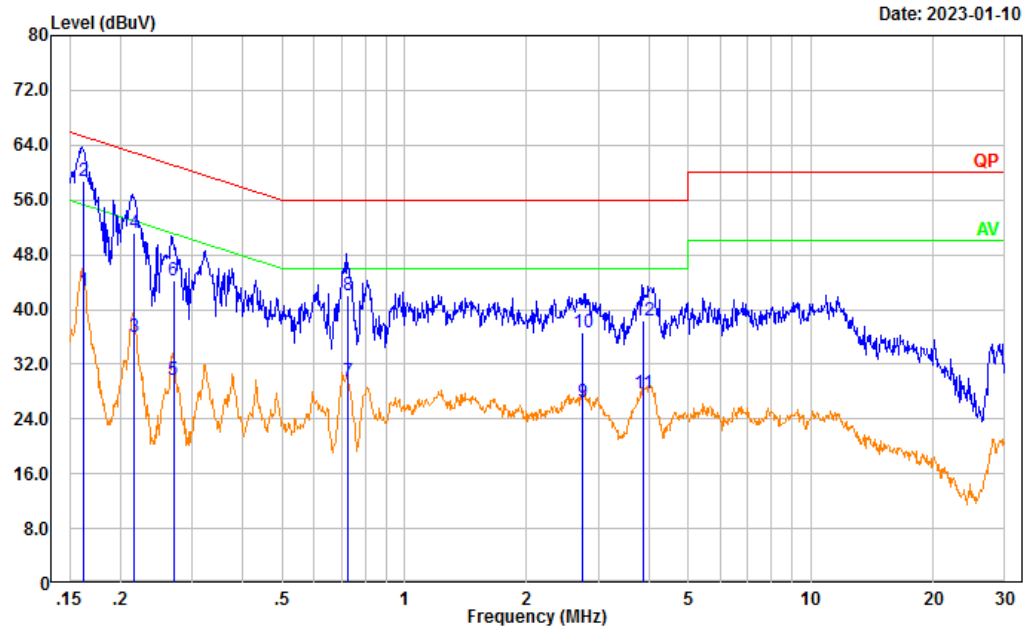
M5:

Test Mode: M2 Worst Case_modebattery(#1)+Adapter_4#
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.163	27.45	9.61	37.06	55.29	18.23	Average
2	0.163	43.22	9.61	52.83	65.29	12.46	QP
3	0.217	20.98	9.61	30.59	52.93	22.34	Average
4	0.217	36.09	9.61	45.70	62.93	17.23	QP
5	0.271	16.29	9.61	25.90	51.08	25.18	Average
6	0.271	32.17	9.61	41.78	61.08	19.30	QP
7	0.325	15.88	9.61	25.49	49.57	24.08	Average
8	0.325	30.45	9.61	40.06	59.57	19.51	QP
9	0.715	17.48	9.62	27.10	46.00	18.90	Average
10	0.715	28.07	9.62	37.69	56.00	18.31	QP
11	2.537	9.00	9.64	18.64	46.00	27.36	Average
12	2.537	21.45	9.64	31.09	56.00	24.91	QP

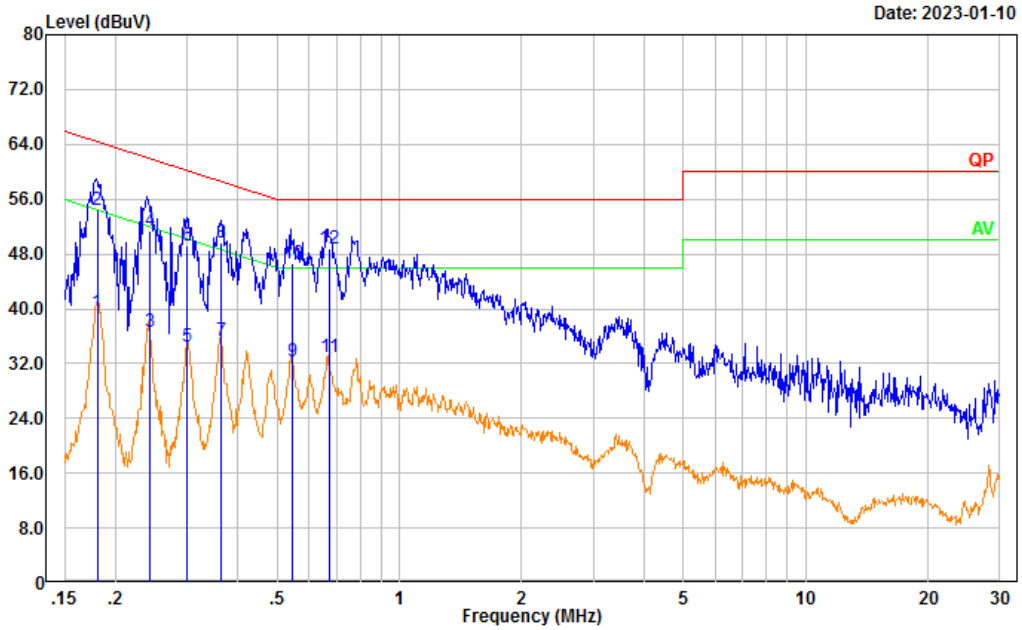
Test Mode: M2 Worst Case_modebattery(#1)+Adapter_4#
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.162	33.16	9.61	42.77	55.37	12.60	Average
2	0.162	49.22	9.61	58.83	65.37	6.54	QP
3	0.216	26.29	9.61	35.90	52.97	17.07	Average
4	0.216	41.49	9.61	51.10	62.97	11.87	QP
5	0.270	20.00	9.61	29.61	51.11	21.50	Average
6	0.270	34.63	9.61	44.24	61.11	16.87	QP
7	0.727	19.90	9.62	29.52	46.00	16.48	Average
8	0.727	32.46	9.62	42.08	56.00	13.92	QP
9	2.737	16.79	9.64	26.43	46.00	19.57	Average
10	2.737	27.01	9.64	36.65	56.00	19.35	QP
11	3.862	18.13	9.65	27.78	46.00	18.22	Average
12	3.862	28.65	9.65	38.30	56.00	17.70	QP

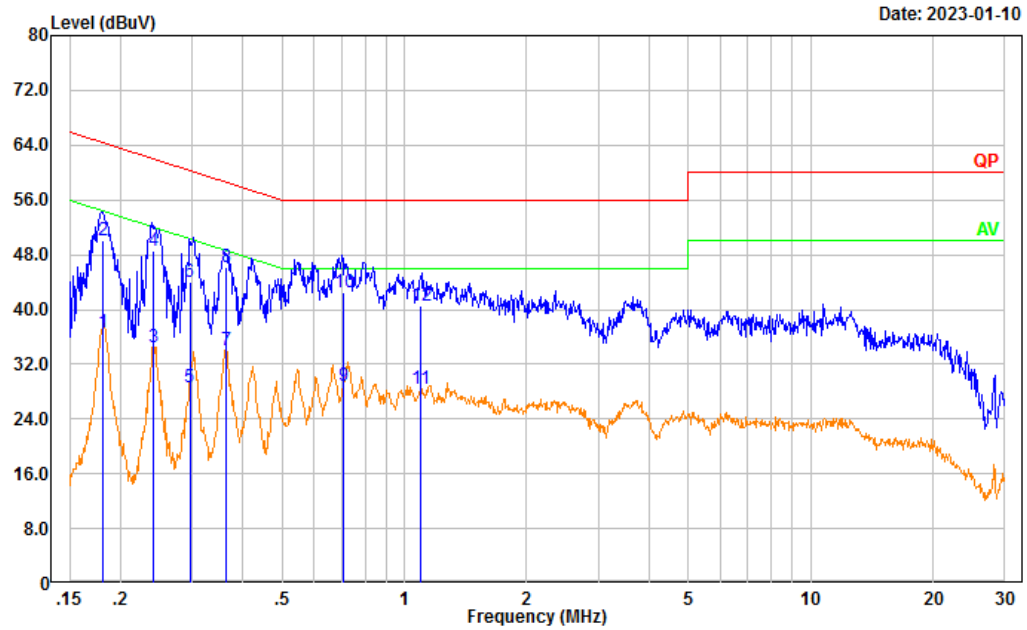
M6:

Test Mode: M2 Worst Case_mode+battery(#2)
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.180	29.94	9.61	39.55	54.47	14.92	Average
2	0.180	44.88	9.61	54.49	64.47	9.98	QP
3	0.243	27.03	9.61	36.64	52.00	15.36	Average
4	0.243	41.84	9.61	51.45	62.00	10.55	QP
5	0.301	24.76	9.61	34.37	50.23	15.86	Average
6	0.301	39.51	9.61	49.12	60.23	11.11	QP
7	0.363	25.71	9.61	35.32	48.66	13.34	Average
8	0.363	40.06	9.61	49.67	58.66	8.99	QP
9	0.544	22.71	9.61	32.32	46.00	13.68	Average
10	0.544	37.02	9.61	46.63	56.00	9.37	QP
11	0.670	23.42	9.62	33.04	46.00	12.96	Average
12	0.670	39.24	9.62	48.86	56.00	7.14	QP

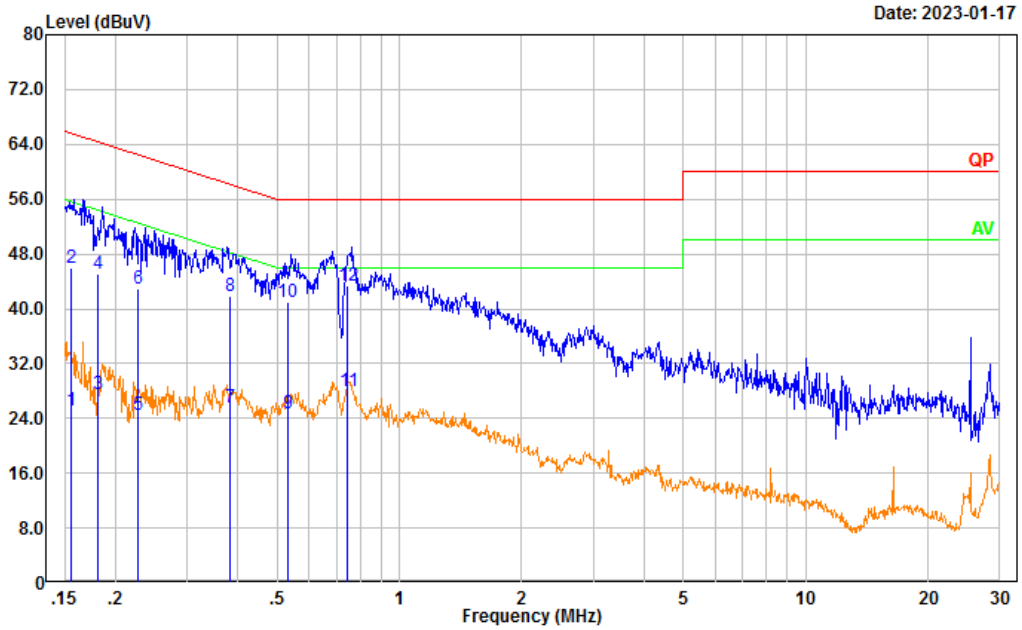
Test Mode: M2 Worst Case_mode+battery(#2)
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.181	27.05	9.61	36.66	54.46	17.80	Average
2	0.181	40.53	9.61	50.14	64.46	14.32	QP
3	0.242	24.81	9.61	34.42	52.04	17.62	Average
4	0.242	38.99	9.61	48.60	62.04	13.44	QP
5	0.296	19.02	9.61	28.63	50.34	21.71	Average
6	0.296	34.40	9.61	44.01	60.34	16.33	QP
7	0.365	24.53	9.61	34.14	48.61	14.47	Average
8	0.365	36.60	9.61	46.21	58.61	12.40	QP
9	0.710	19.17	9.62	28.79	46.00	17.21	Average
10	0.710	32.80	9.62	42.42	56.00	13.58	QP
11	1.096	18.70	9.62	28.32	46.00	17.68	Average
12	1.096	30.94	9.62	40.56	56.00	15.44	QP

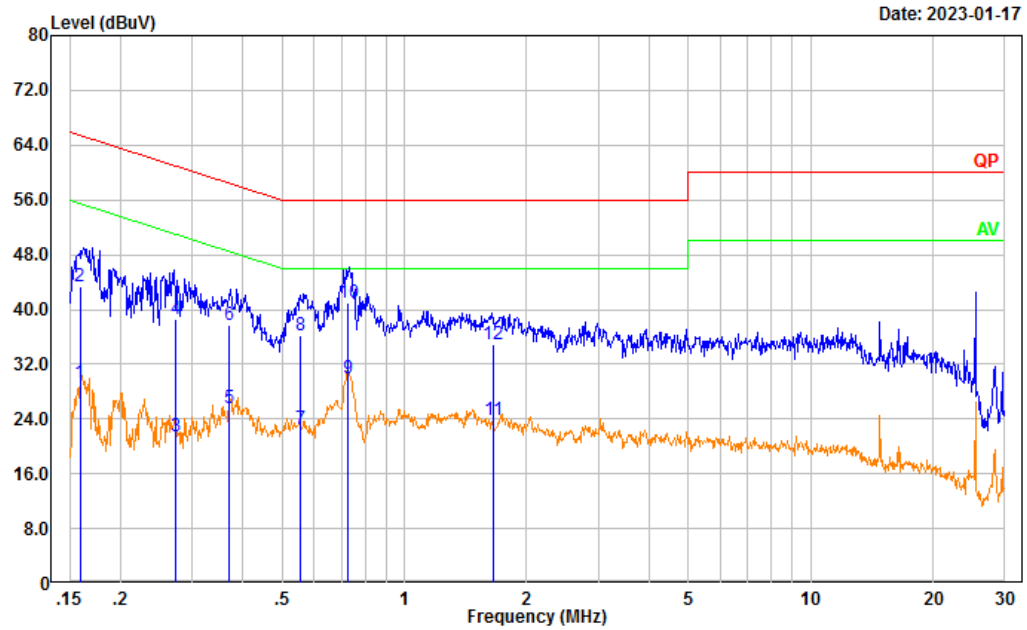
M7:

Test Mode: M2 Worst Case_mode+battery(#3)
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.156	15.60	9.61	25.21	55.70	30.49	Average
2	0.156	36.44	9.61	46.05	65.70	19.65	QP
3	0.181	17.99	9.61	27.60	54.42	26.82	Average
4	0.181	35.47	9.61	45.08	64.42	19.34	QP
5	0.227	14.85	9.61	24.46	52.58	28.12	Average
6	0.227	33.26	9.61	42.87	62.58	19.71	QP
7	0.382	15.99	9.61	25.60	48.23	22.63	Average
8	0.382	32.26	9.61	41.87	58.23	16.36	QP
9	0.530	15.16	9.61	24.77	46.00	21.23	Average
10	0.530	31.34	9.61	40.95	56.00	15.05	QP
11	0.745	18.29	9.62	27.91	46.00	18.09	Average
12	0.745	33.72	9.62	43.34	56.00	12.66	QP

Test Mode: M2 Worst Case_mode+battery(#3)
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.159	19.73	9.61	29.34	55.52	26.18	Average
2	0.159	33.79	9.61	43.40	65.52	22.12	QP
3	0.273	11.89	9.61	21.50	51.03	29.53	Average
4	0.273	29.01	9.61	38.62	61.03	22.41	QP
5	0.371	15.91	9.61	25.52	48.47	22.95	Average
6	0.371	28.09	9.61	37.70	58.47	20.77	QP
7	0.556	12.88	9.62	22.50	46.00	23.50	Average
8	0.556	26.62	9.62	36.24	56.00	19.76	QP
9	0.726	20.32	9.62	29.94	46.00	16.06	Average
10	0.726	31.39	9.62	41.01	56.00	14.99	QP
11	1.649	14.16	9.63	23.79	46.00	22.21	Average
12	1.649	25.17	9.63	34.80	56.00	21.20	QP

4.2 Radiation Spurious Emissions

Serial Number:	1XBG-2	Test Date:	2023/1/30~2023/4/21
Test Site:	966-1, 966-2	Test Mode:	M1,M2,M3,M4,M5,M6,M7
Tester:	Vic Du, coco Tian	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	19.5~20.4	Relative Humidity: (%)	33~40	ATM Pressure: (kPa)	101.3~101.9

Test Equipment List and Details:

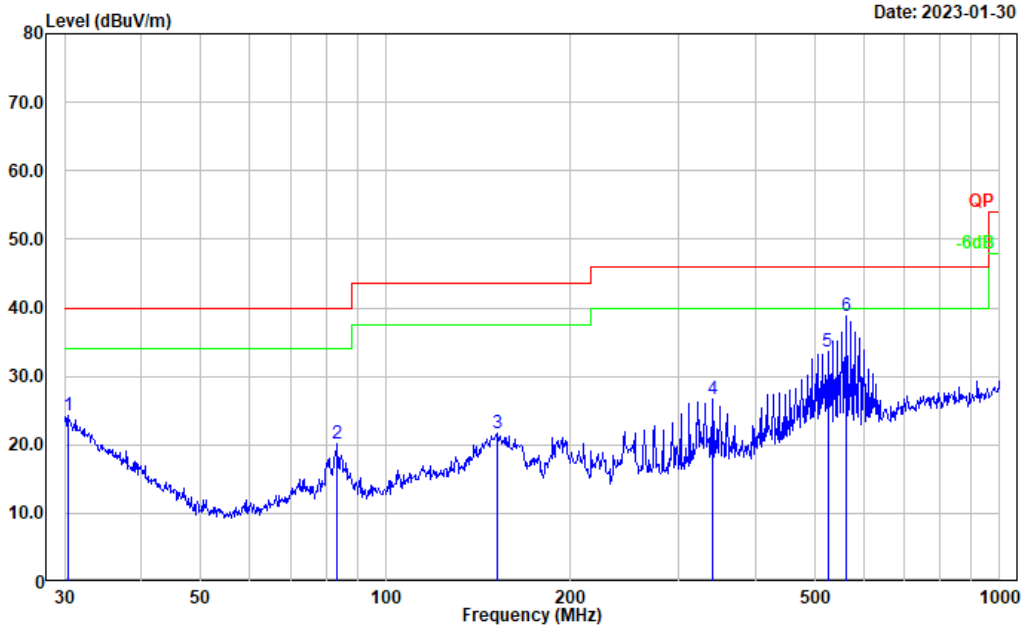
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18
R&S	EMI Test Receiver	ESR3	102724	2022/07/15	2023/07/14
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2022/07/17	2023/07/16
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2022/07/17	2023/07/16
Sonoma	Amplifier	310N	186165	2022/07/17	2023/07/16
Audix	Test Software	E3	201021 (V9)	N/A	N/A
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
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:

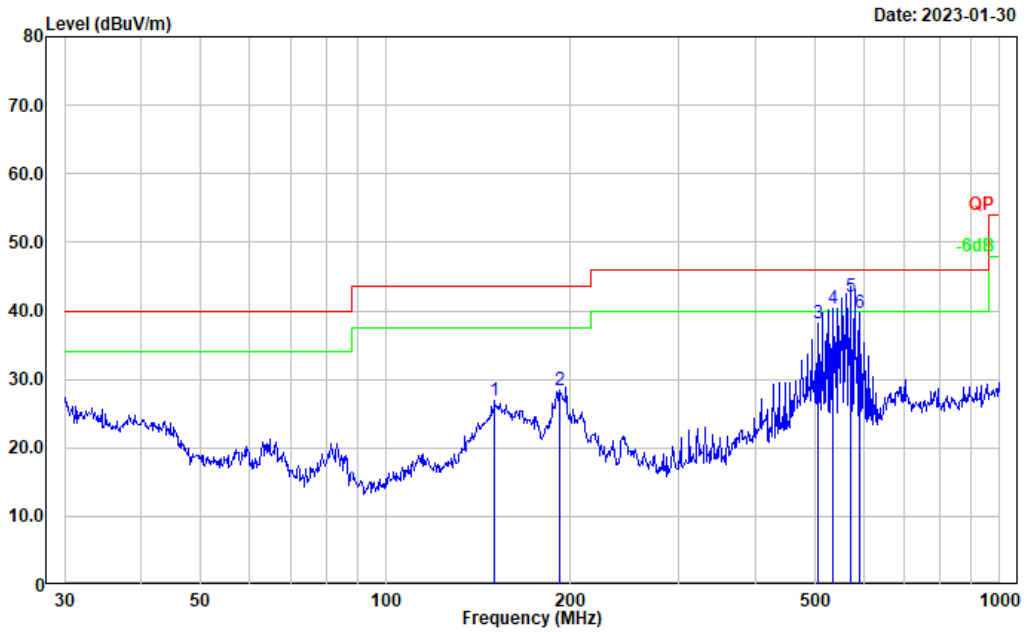
M1:

Test Mode: Printing+battery #1+Adapter 1#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.424	28.11	-3.93	24.18	40.00	15.82	Peak
2	83.522	37.44	-17.24	20.20	40.00	19.80	Peak
3	151.597	33.69	-12.03	21.66	43.50	21.84	Peak
4	340.782	36.69	-10.05	26.64	46.00	19.36	Peak
5	524.554	39.55	-5.89	33.66	46.00	12.34	Peak
6	562.662	44.39	-5.63	38.76	46.00	7.24	Peak

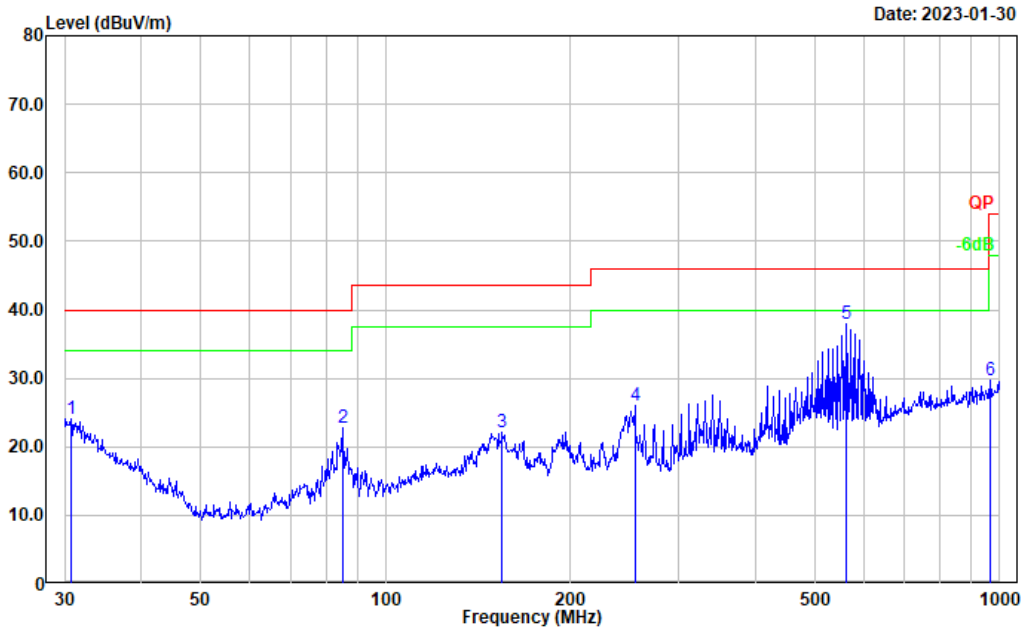
Test Mode: Printing+battery #1+Adapter 1#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	150.538	38.99	-12.03	26.96	43.50	16.54	Peak
2	192.419	41.63	-13.13	28.50	43.50	15.00	Peak
3	504.706	44.19	-5.93	38.26	46.00	7.74	Peak
4	533.832	46.24	-6.00	40.24	46.00	5.76	Peak
5	571.219	47.68	-5.62	42.06	46.00	3.94	QP
6	590.974	44.88	-5.28	39.60	46.00	6.40	Peak

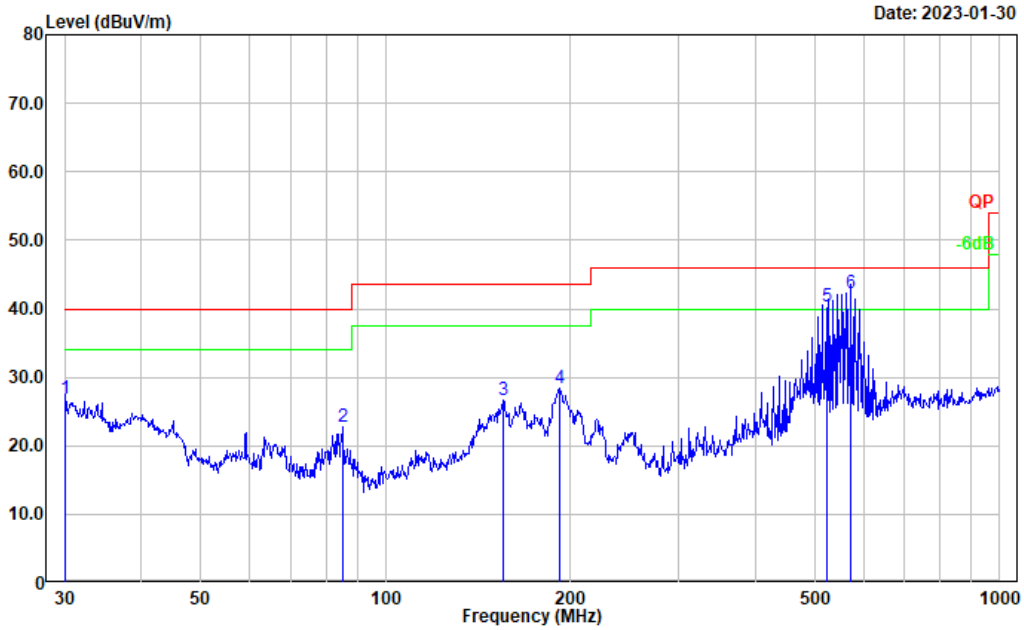
M2:

Test Mode: Videoing+battery(#1)+Adapter 1#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.745	28.31	-4.17	24.14	40.00	15.86	Peak
2	84.999	40.01	-17.19	22.82	40.00	17.18	Peak
3	154.821	34.25	-12.05	22.20	43.50	21.30	Peak
4	254.728	38.84	-12.83	26.01	46.00	19.99	Peak
5	562.662	43.57	-5.63	37.94	46.00	8.06	Peak
6	965.542	29.51	0.22	29.73	54.00	24.27	Peak

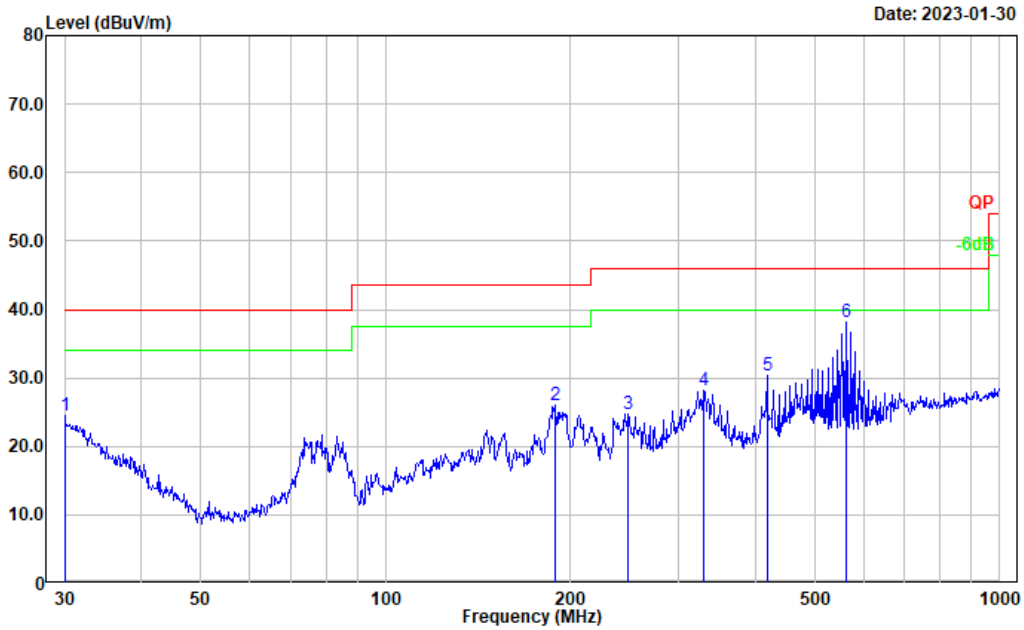
Test Mode: Videoing+battery(#1)+Adapter 1#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.105	30.57	-3.68	26.89	40.00	13.11	Peak
2	84.999	39.96	-17.19	22.77	40.00	17.23	Peak
3	155.364	38.71	-12.06	26.65	43.50	16.85	Peak
4	191.745	41.63	-13.21	28.42	43.50	15.08	Peak
5	523.234	46.31	-5.88	40.43	46.00	5.57	QP
6	571.206	47.91	-5.62	42.29	46.00	3.71	QP

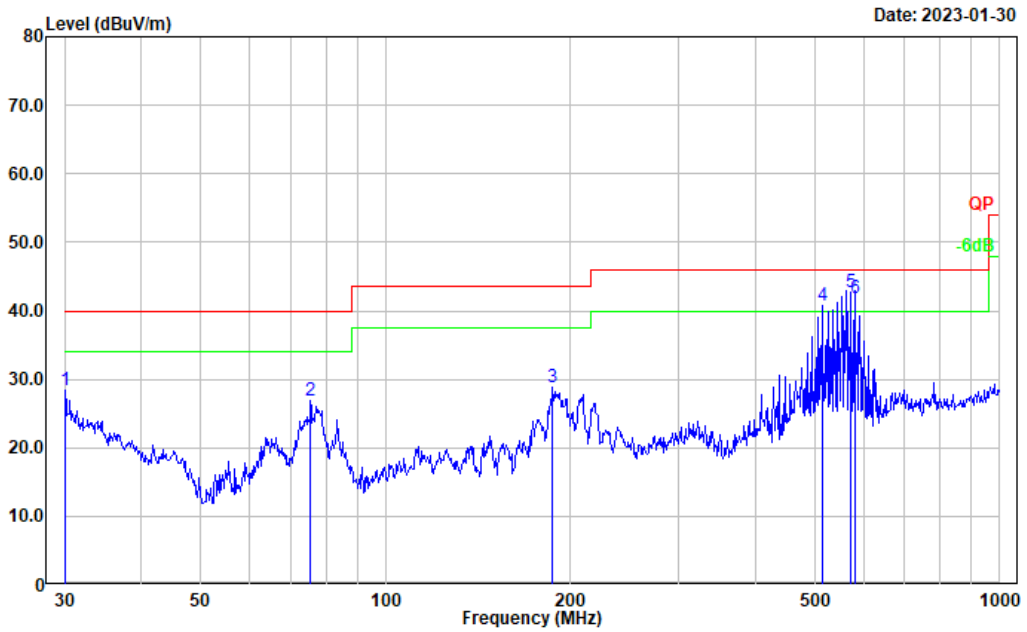
M3:

Test Mode: Videoing+battery(#1)+Adapter 2#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.000	28.08	-3.60	24.48	40.00	15.52	Peak
2	188.413	39.57	-13.51	26.06	43.50	17.44	Peak
3	248.552	37.77	-13.05	24.72	46.00	21.28	Peak
4	329.039	38.46	-10.26	28.20	46.00	17.80	Peak
5	417.641	38.44	-8.02	30.42	46.00	15.58	Peak
6	562.662	43.85	-5.63	38.22	46.00	7.78	Peak

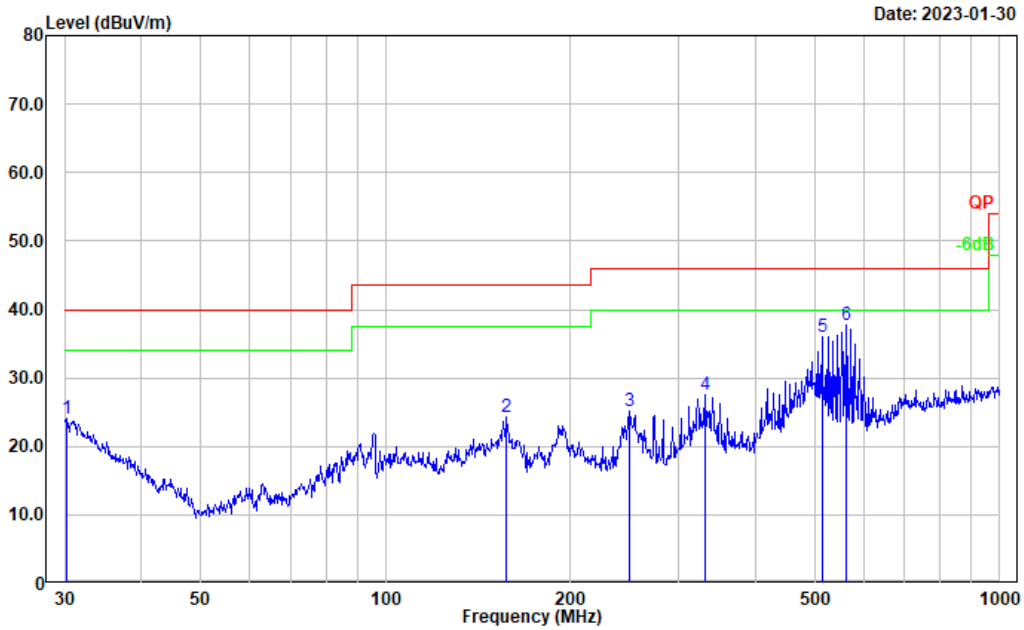
Test Mode: Videoing+battery(#1)+Adapter 2#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.105	32.18	-3.68	28.50	40.00	11.50	Peak
2	75.446	43.80	-16.97	26.83	40.00	13.17	Peak
3	187.096	42.38	-13.57	28.81	43.50	14.69	Peak
4	513.633	46.50	-5.82	40.68	46.00	5.32	Peak
5	571.206	48.25	-5.62	42.63	46.00	3.37	QP
6	580.819	47.47	-5.53	41.94	46.00	4.06	QP

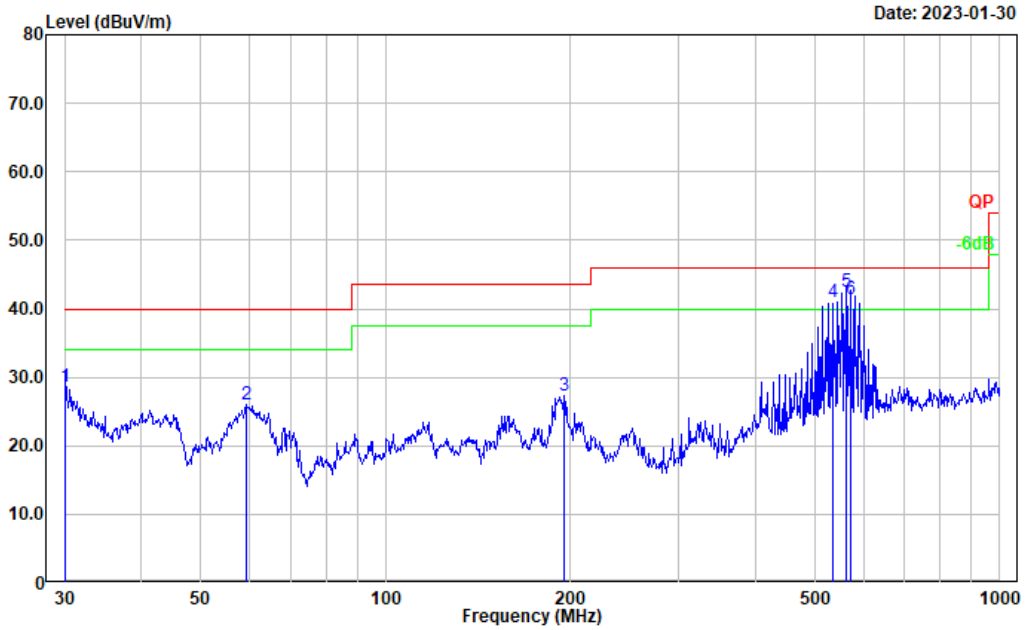
M4:

Test Mode: Videoing+battery(#1)+Adapter 3#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.317	27.83	-3.85	23.98	40.00	16.02	Peak
2	157.559	36.25	-12.05	24.20	43.50	19.30	Peak
3	249.425	38.12	-13.07	25.05	46.00	20.95	Peak
4	331.355	37.83	-10.20	27.63	46.00	18.37	Peak
5	513.633	41.87	-5.82	36.05	46.00	9.95	Peak
6	562.662	43.38	-5.63	37.75	46.00	8.25	Peak

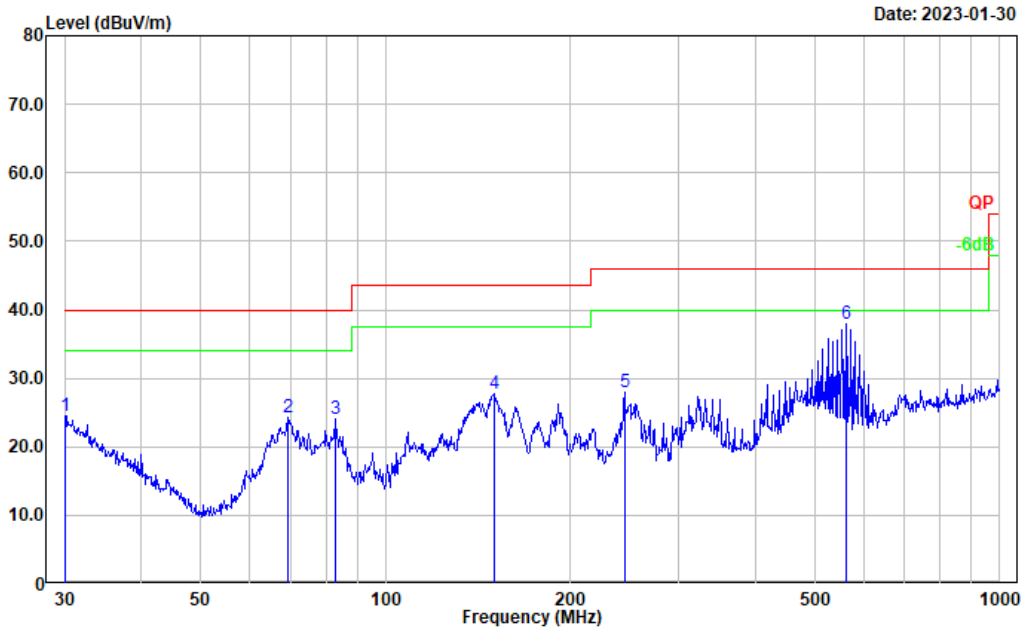
Test Mode: Videoing+battery(#1)+Adapter 3#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.105	32.31	-3.68	28.63	40.00	11.37	Peak
2	59.232	43.41	-17.42	25.99	40.00	14.01	Peak
3	195.137	40.13	-12.76	27.37	43.50	16.13	Peak
4	533.832	46.87	-6.00	40.87	46.00	5.13	Peak
5	561.588	48.04	-5.64	42.40	46.00	3.60	QP
6	571.229	47.11	-5.62	41.49	46.00	4.51	QP

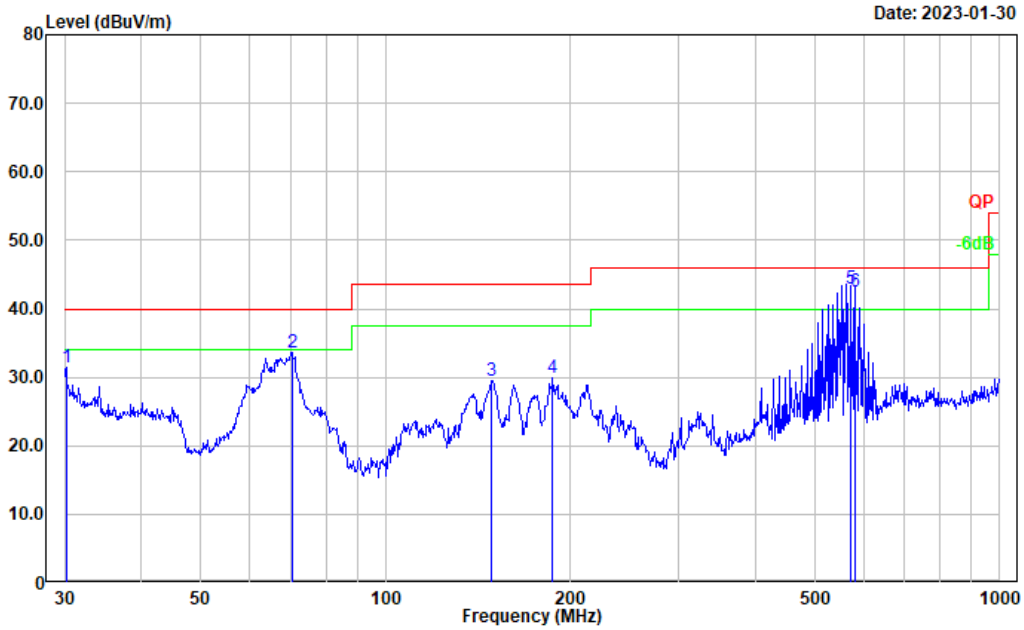
M5:

Test Mode: Videoing+battery(#1)+Adapter 4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.105	28.21	-3.68	24.53	40.00	15.47	Peak
2	69.357	40.89	-16.56	24.33	40.00	15.67	Peak
3	82.648	41.45	-17.28	24.17	40.00	15.83	Peak
4	150.538	39.86	-12.03	27.83	43.50	15.67	Peak
5	245.090	40.87	-12.97	27.90	46.00	18.10	Peak
6	562.662	43.50	-5.63	37.87	46.00	8.13	Peak

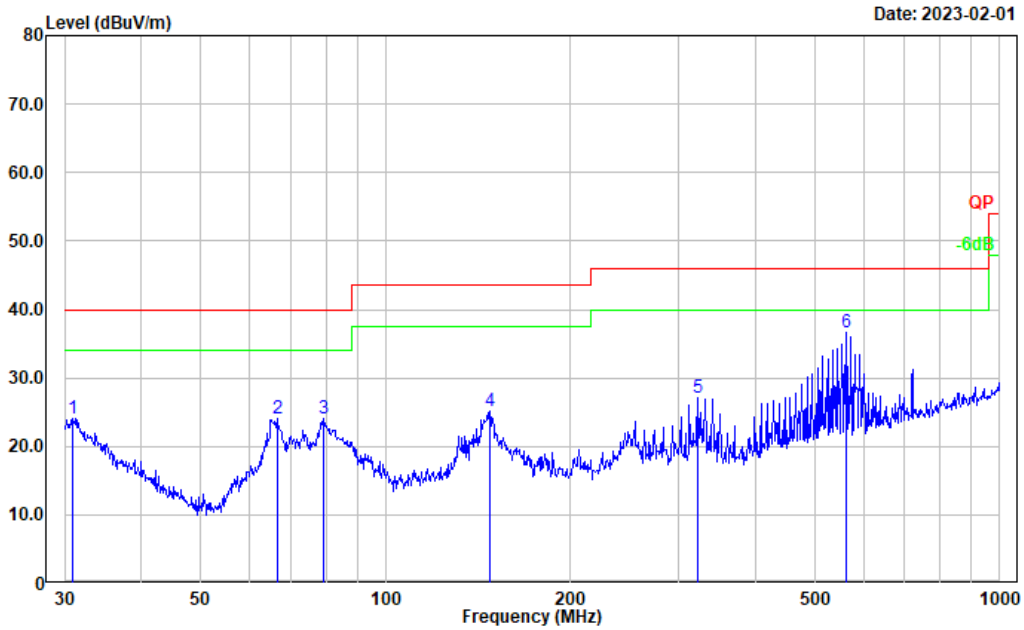
Test Mode: Videoing+battery(#1)+Adapter 4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.211	35.12	-3.76	31.36	40.00	8.64	Peak
2	70.337	50.21	-16.50	33.71	40.00	6.29	Peak
3	148.963	41.52	-12.00	29.52	43.50	13.98	Peak
4	187.096	43.41	-13.57	29.84	43.50	13.66	Peak
5	571.229	48.51	-5.62	42.89	46.00	3.11	QP
6	580.806	47.92	-5.53	42.39	46.00	3.61	QP

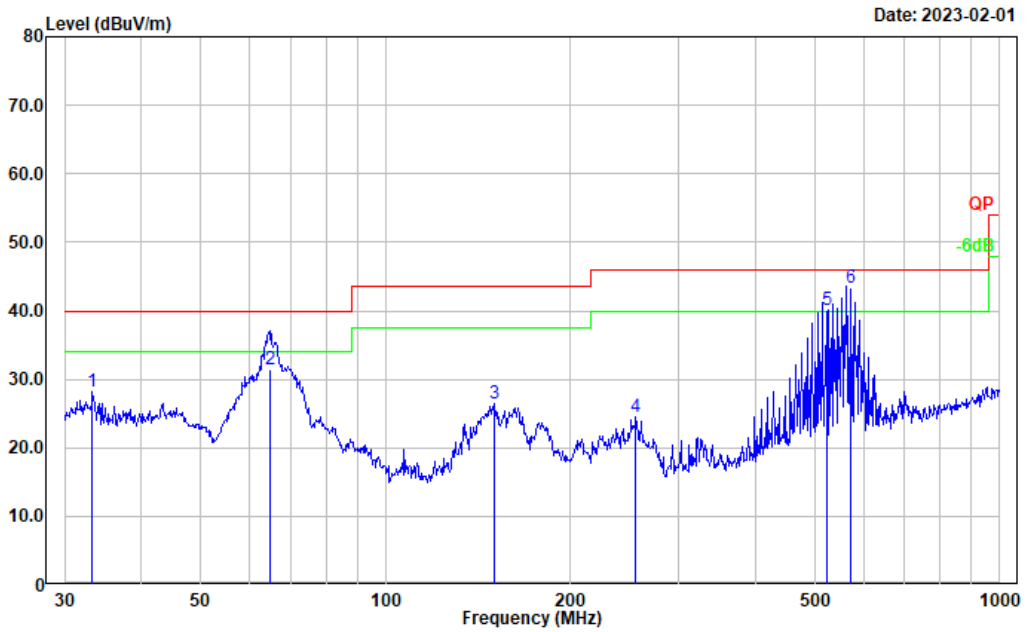
M6:

Test Mode: Videoing+battery(#2)+Adapter_4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.962	28.49	-4.34	24.15	40.00	15.85	Peak
2	66.499	40.78	-16.82	23.96	40.00	16.04	Peak
3	79.243	41.41	-17.37	24.04	40.00	15.96	Peak
4	147.921	37.08	-11.99	25.09	43.50	18.41	Peak
5	322.189	37.55	-10.47	27.08	46.00	18.92	Peak
6	562.662	42.31	-5.63	36.68	46.00	9.32	Peak

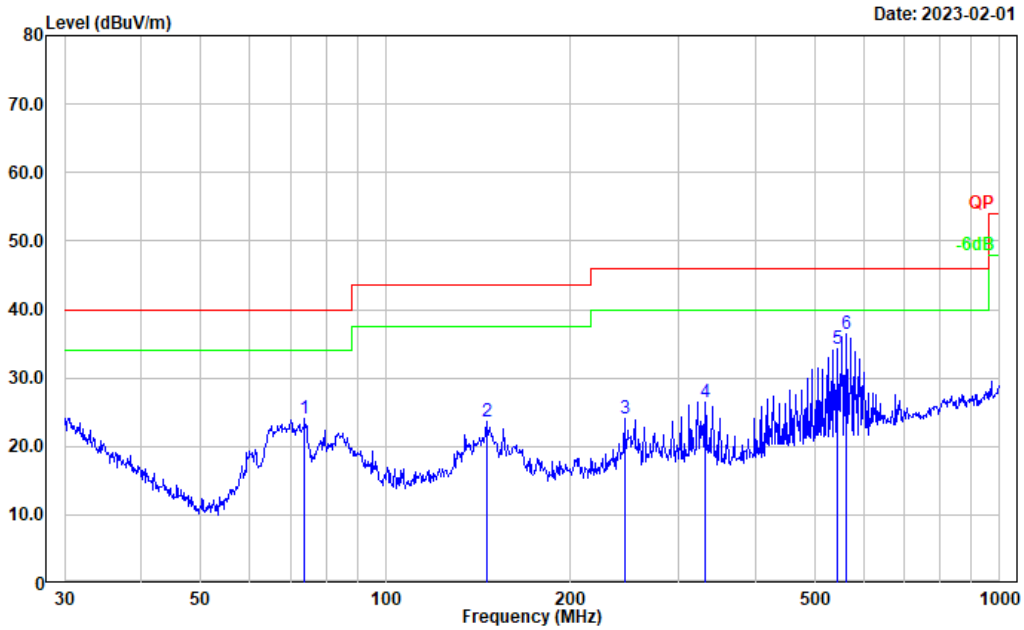
Test Mode: Videoing+battery(#2)+Adapter_4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	33.328	34.45	-6.17	28.28	40.00	11.72	Peak
2	64.915	48.45	-16.94	31.51	40.00	8.49	QP
3	150.011	38.46	-12.00	26.46	43.50	17.04	Peak
4	255.623	37.28	-12.77	24.51	46.00	21.49	Peak
5	523.197	45.95	-5.88	40.07	46.00	5.93	QP
6	571.206	48.92	-5.62	43.30	46.00	2.70	QP

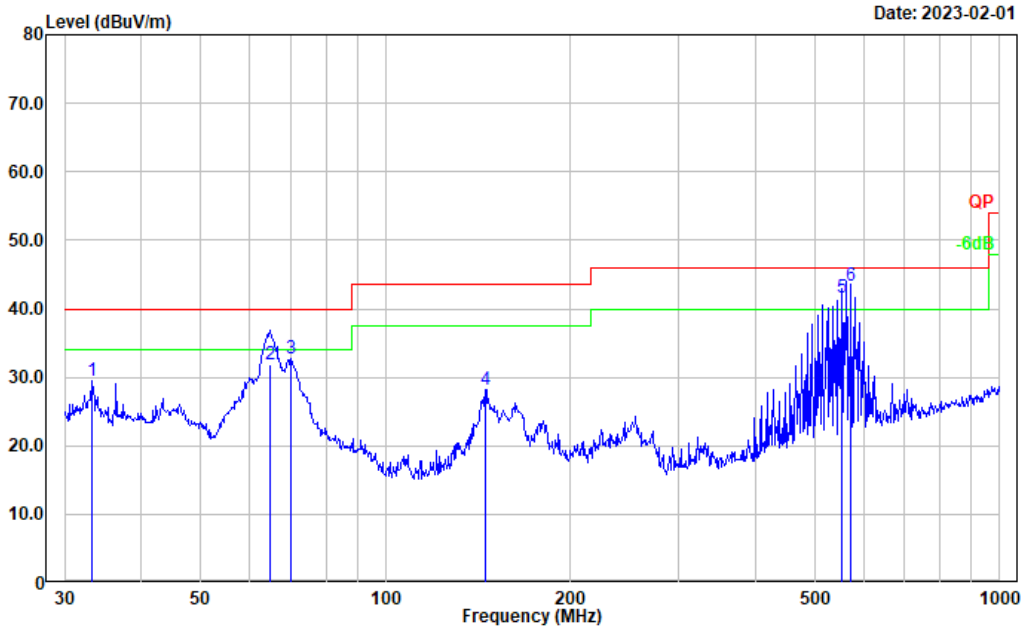
M7:

Test Mode: Videoing+battery(#3)+Adapter_4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	73.876	40.84	-16.88	23.96	40.00	16.04	Peak
2	145.861	35.56	-11.97	23.59	43.50	19.91	Peak
3	245.090	36.97	-12.97	24.00	46.00	22.00	Peak
4	331.355	36.65	-10.20	26.45	46.00	19.55	Peak
5	543.274	40.22	-5.89	34.33	46.00	11.67	Peak
6	562.662	42.03	-5.63	36.40	46.00	9.60	Peak

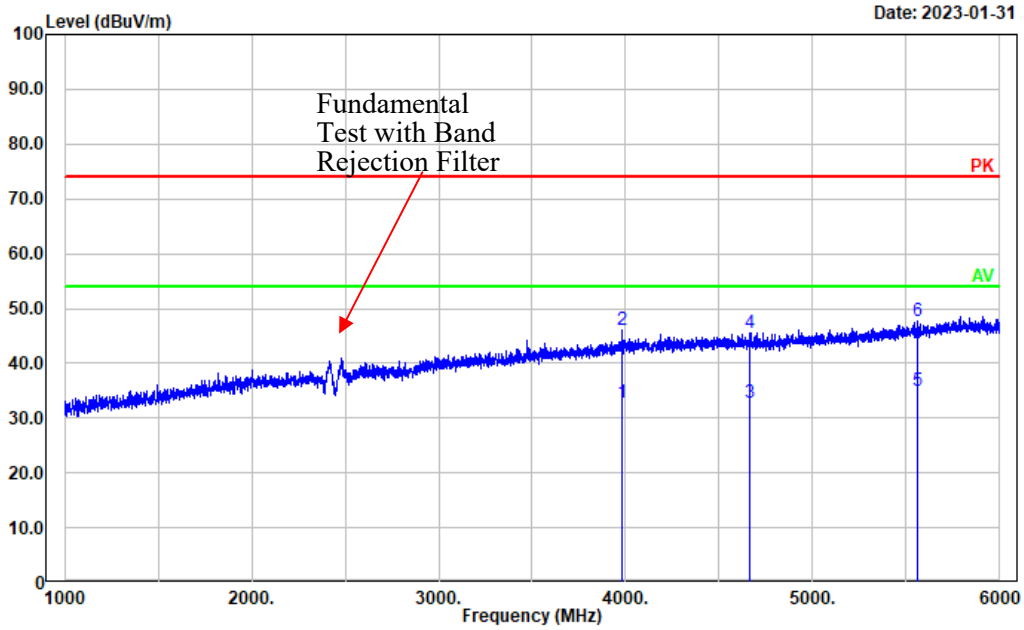
Test Mode: Videoing+battery(#3)+Adapter_4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	33.211	35.64	-6.07	29.57	40.00	10.43	Peak
2	64.995	48.80	-16.93	31.87	40.00	8.13	QP
3	70.090	49.17	-16.47	32.70	40.00	7.30	Peak
4	145.351	40.17	-11.95	28.22	43.50	15.28	Peak
5	552.002	47.28	-5.72	41.56	46.00	4.44	QP
6	571.219	48.95	-5.62	43.33	46.00	2.67	QP

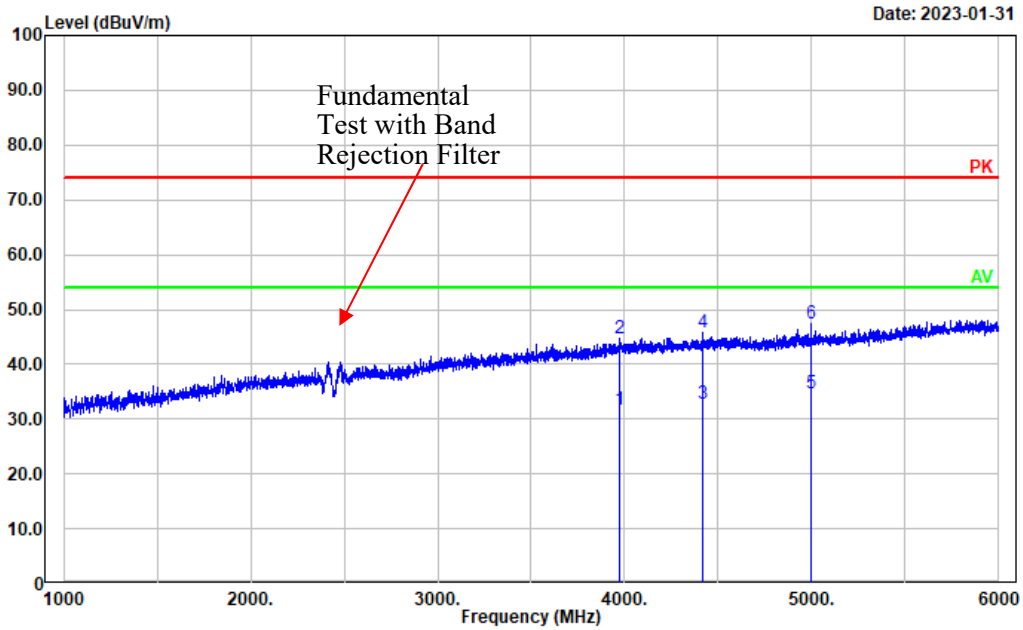
2) Above 1GHz:
M1:

Test Mode: M1 Printing+battery(#1)+Adapter 1#
Polarization: horizontal
Note:



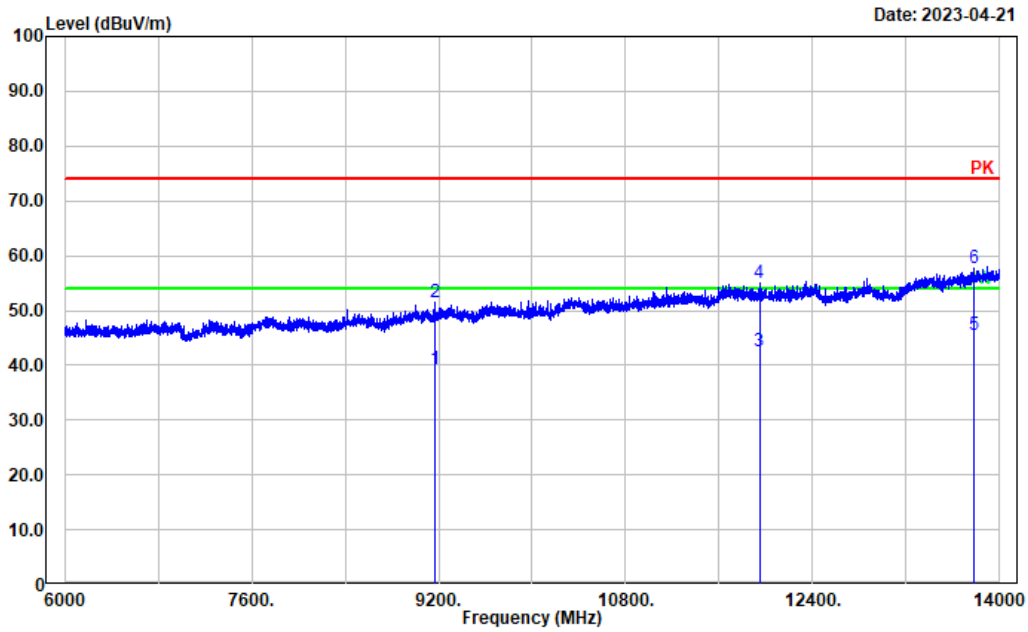
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3983.597	23.60	9.31	32.91	54.00	21.09	Average
2	3983.597	36.85	9.31	46.16	74.00	27.84	Peak
3	4662.732	22.31	10.49	32.80	54.00	21.20	Average
4	4662.732	35.06	10.49	45.55	74.00	28.45	Peak
5	5558.912	22.31	12.64	34.95	54.00	19.05	Average
6	5558.912	35.02	12.64	47.66	74.00	26.34	Peak

Test Mode: M1 Printing+battery(#1)+Adapter 1#
Polarization: vertical
Note:



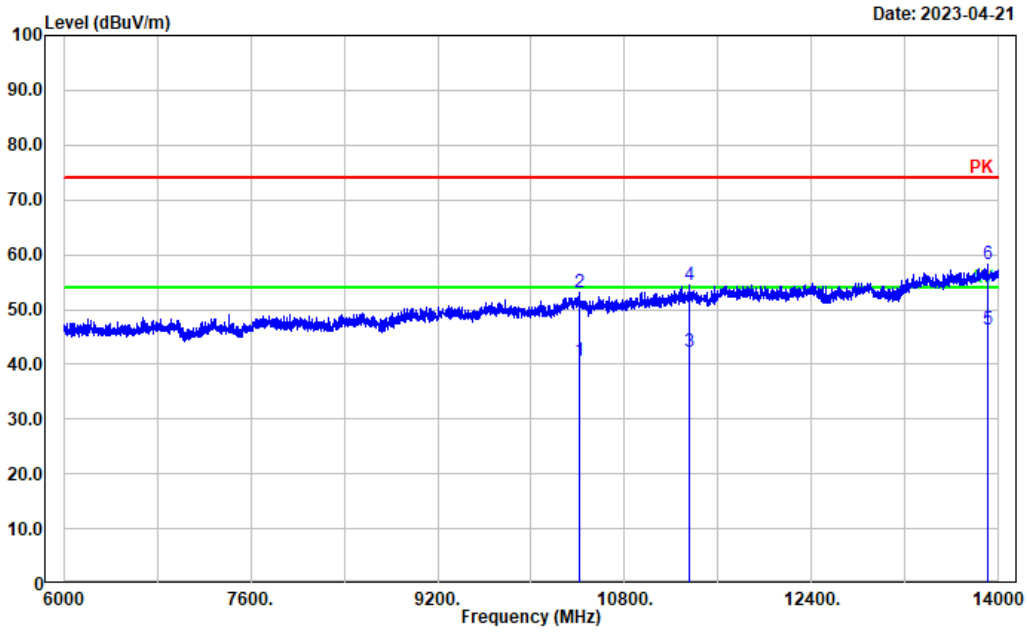
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3973.595	22.31	9.28	31.59	54.00	22.41	Average
2	3973.595	35.51	9.28	44.79	74.00	29.21	Peak
3	4414.683	23.01	9.86	32.87	54.00	21.13	Average
4	4414.683	35.93	9.86	45.79	74.00	28.21	Peak
5	4995.799	23.60	11.20	34.80	54.00	19.20	Average
6	4995.799	36.35	11.20	47.55	74.00	26.45	Peak

Test Mode: M1 Printing+battery(#1)+Adapter 1#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9162.232	21.26	18.04	39.30	54.00	14.70	Average
2	9162.232	33.53	18.04	51.57	74.00	22.43	Peak
3	11943.590	21.39	21.25	42.64	54.00	11.36	Average
4	11943.590	33.78	21.25	55.03	74.00	18.97	Peak
5	13779.160	22.03	23.63	45.66	54.00	8.34	Average
6	13779.160	34.06	23.63	57.69	74.00	16.31	Peak

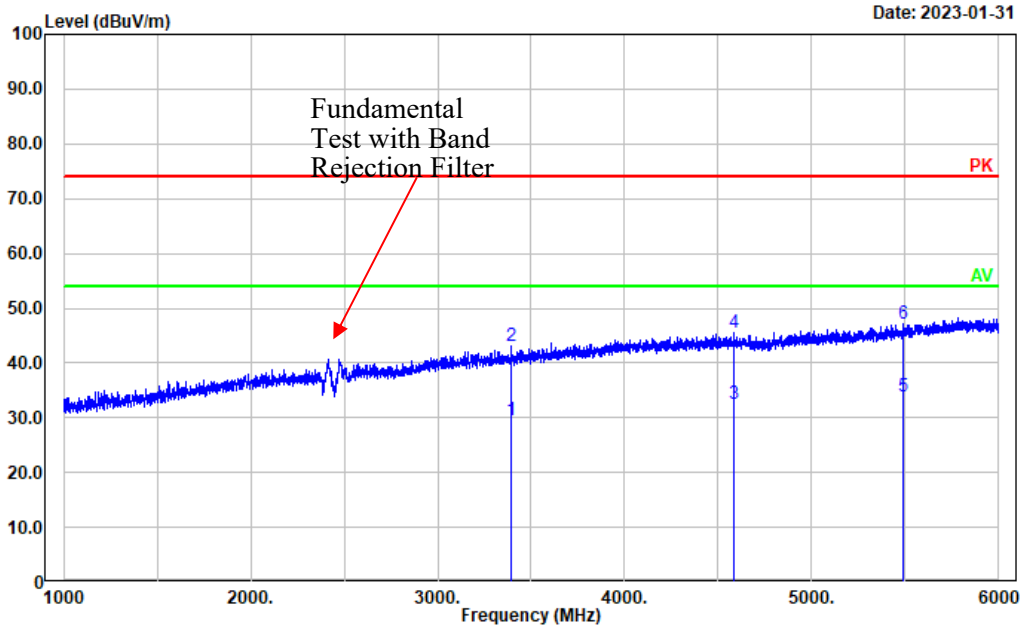
Test Mode: M1 Printing+battery(#1)+Adapter 1#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10407.280	21.48	19.13	40.61	54.00	13.39	Average
2	10407.280	33.96	19.13	53.09	74.00	20.91	Peak
3	11349.870	21.36	20.80	42.16	54.00	11.84	Average
4	11349.870	33.71	20.80	54.51	74.00	19.49	Peak
5	13902.380	22.02	24.26	46.28	54.00	7.72	Average
6	13902.380	34.01	24.26	58.27	74.00	15.73	Peak

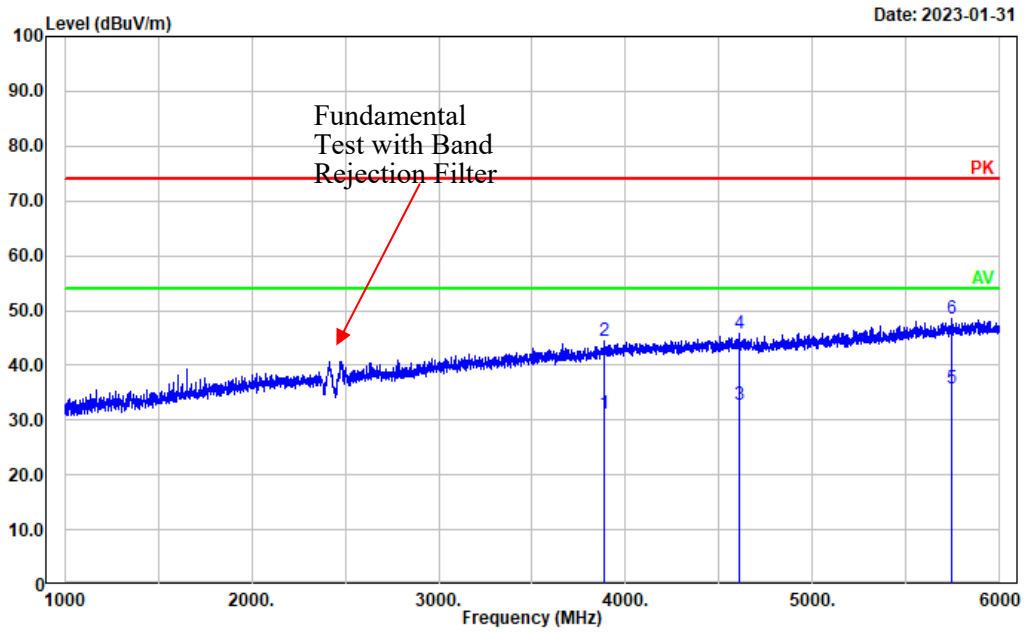
M2:

Test Mode: M2 videoing+battery(#1)+Adapter 1#
Polarization: horizontal
Note:



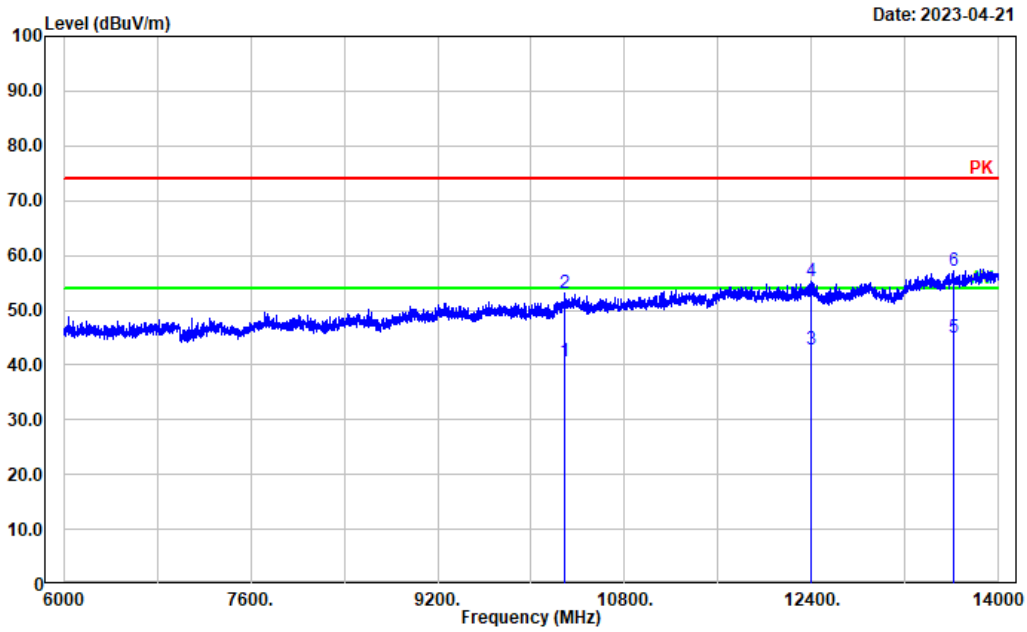
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3392.479	22.31	7.22	29.53	54.00	24.47	Average
2	3392.479	35.82	7.22	43.04	74.00	30.96	Peak
3	4586.717	22.31	10.32	32.63	54.00	21.37	Average
4	4586.717	35.20	10.32	45.52	74.00	28.48	Peak
5	5491.898	21.30	12.49	33.79	54.00	20.21	Average
6	5491.898	34.63	12.49	47.12	74.00	26.88	Peak

Test Mode: M2 videoing+battery(#1)+Adapter 1#
Polarization: vertical
Note:



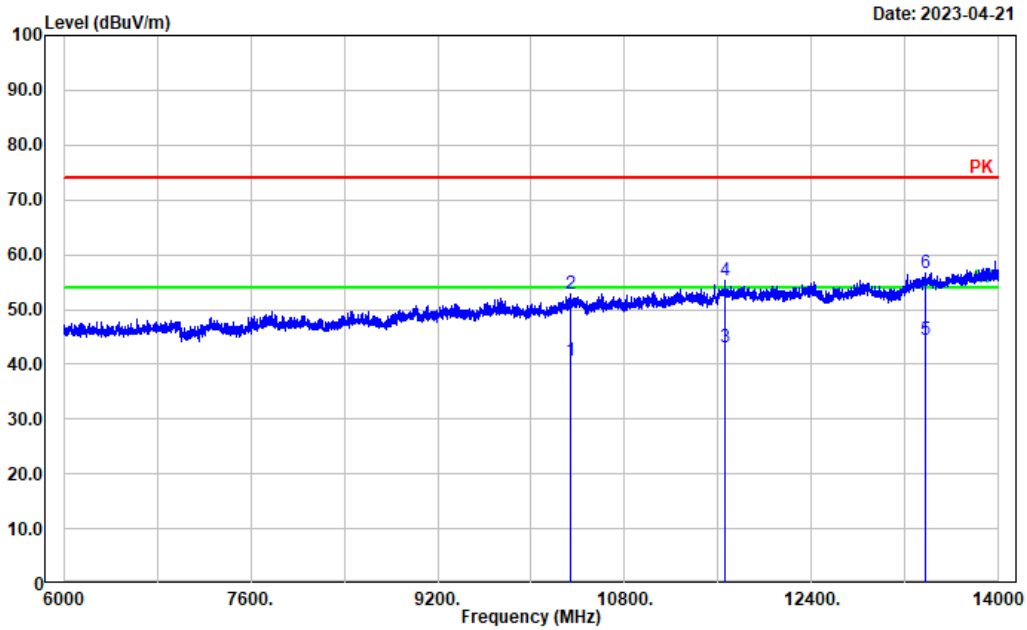
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3887.578	22.10	8.97	31.07	54.00	22.93	Average
2	3887.578	35.41	8.97	44.38	74.00	29.62	Peak
3	4606.721	22.31	10.38	32.69	54.00	21.31	Average
4	4606.721	35.53	10.38	45.91	74.00	28.09	Peak
5	5741.948	22.67	13.00	35.67	54.00	18.33	Average
6	5741.948	35.39	13.00	48.39	74.00	25.61	Peak

Test Mode: M2 videoing+battery(#1)+Adapter 1#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10282.460	21.46	19.13	40.59	54.00	13.41	Average
2	10282.460	33.90	19.13	53.03	74.00	20.97	Peak
3	12398.080	21.36	21.54	42.90	54.00	11.10	Average
4	12398.080	33.72	21.54	55.26	74.00	18.74	Peak
5	13614.320	21.36	23.50	44.86	54.00	9.14	Average
6	13614.320	33.72	23.50	57.22	74.00	16.78	Peak

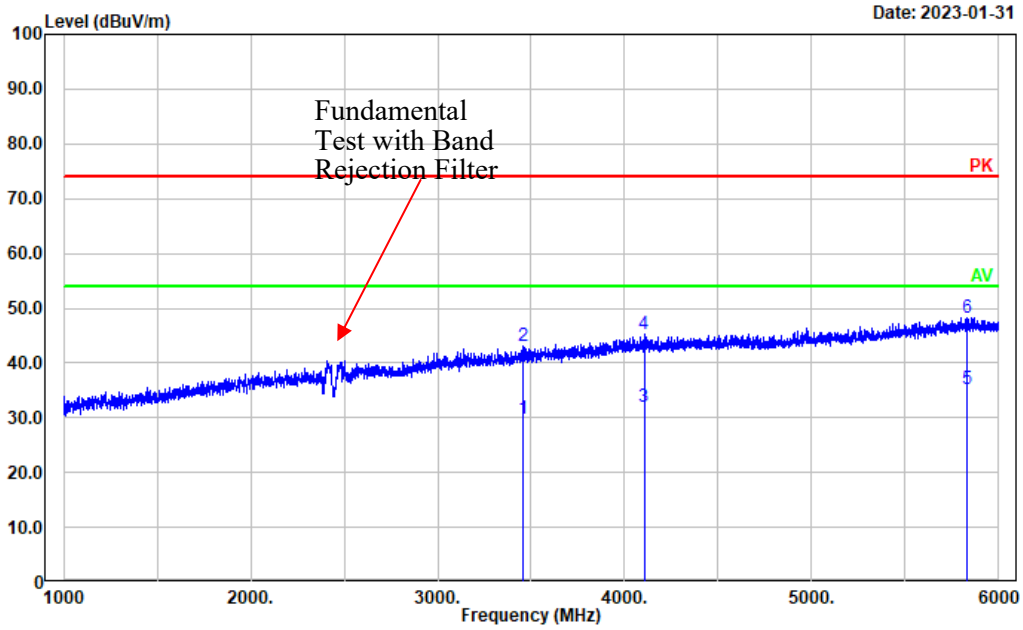
Test Mode: M2 videoing+battery(#1)+Adapter 1#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10340.070	21.34	19.18	40.52	54.00	13.48	Average
2	10340.070	33.68	19.18	52.86	74.00	21.14	Peak
3	11653.930	22.05	21.07	43.12	54.00	10.88	Average
4	11653.930	34.09	21.07	55.16	74.00	18.84	Peak
5	13369.470	21.36	22.98	44.34	54.00	9.66	Average
6	13369.470	33.71	22.98	56.69	74.00	17.31	Peak

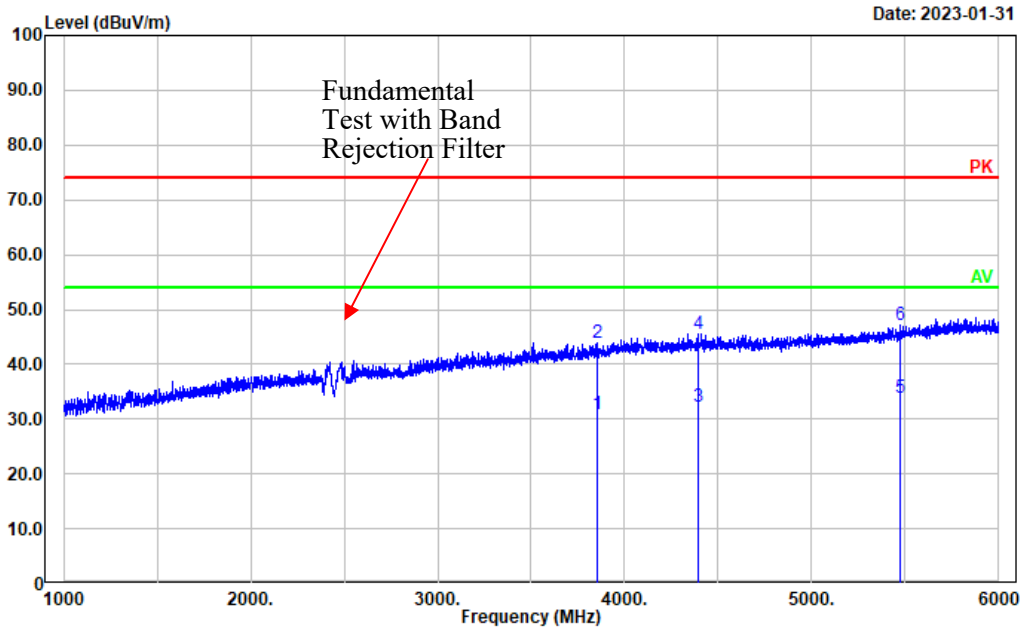
M3:

Test Mode: M3 Printing+battery(#1)+Adapter 2#
Polarization: horizontal
Note:



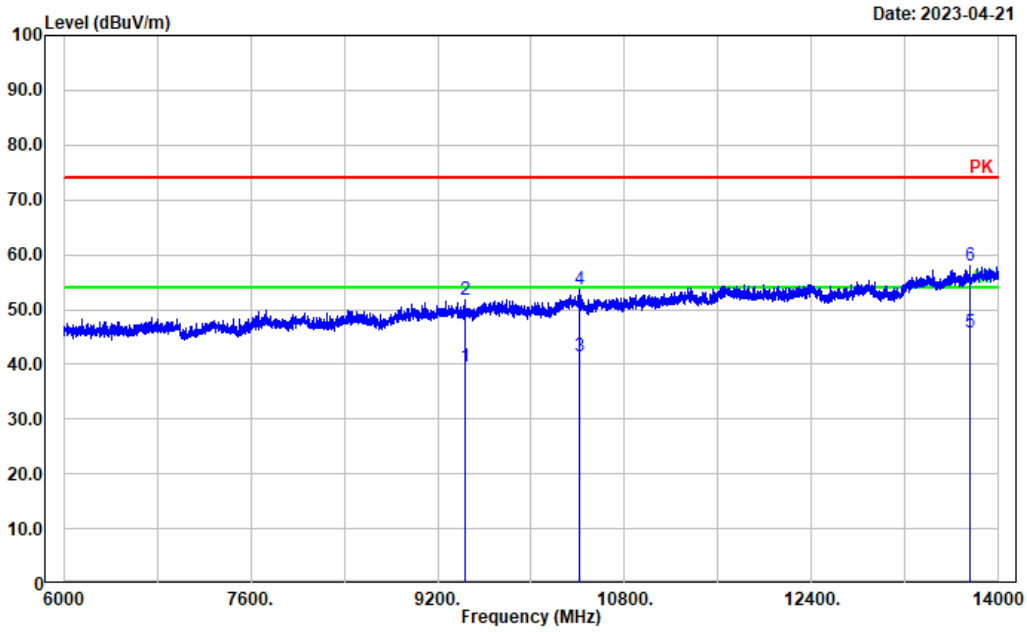
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3457.491	22.34	7.50	29.84	54.00	24.16	Average
2	3457.491	35.58	7.50	43.08	74.00	30.92	Peak
3	4103.621	22.31	9.56	31.87	54.00	22.13	Average
4	4103.621	35.57	9.56	45.13	74.00	28.87	Peak
5	5831.966	22.31	13.04	35.35	54.00	18.65	Average
6	5831.966	35.28	13.04	48.32	74.00	25.68	Peak

Test Mode: M3 Printing+battery(#1)+Adapter 2#
Polarization: vertical
Note:



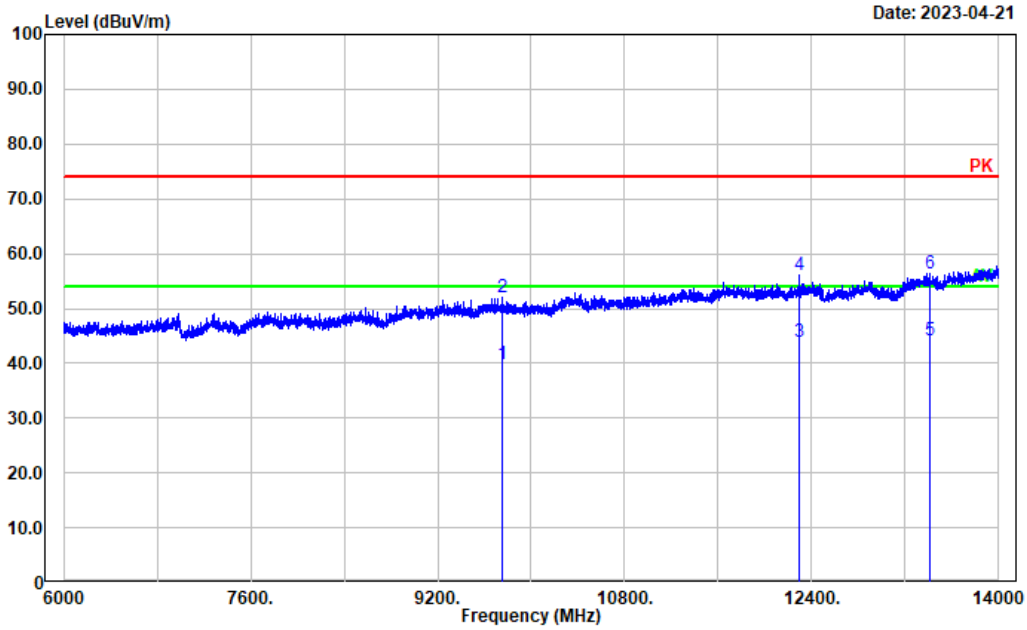
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3855.571	22.02	8.83	30.85	54.00	23.15	Average
2	3855.571	34.95	8.83	43.78	74.00	30.22	Peak
3	4394.679	22.35	9.83	32.18	54.00	21.82	Average
4	4394.679	35.67	9.83	45.50	74.00	28.50	Peak
5	5469.894	21.33	12.47	33.80	54.00	20.20	Average
6	5469.894	34.71	12.47	47.18	74.00	26.82	Peak

Test Mode: M3 Printing+battery(#1)+Adapter 2#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9440.688	21.23	18.36	39.59	54.00	14.41	Average
2	9440.688	33.46	18.36	51.82	74.00	22.18	Peak
3	10407.280	22.21	19.13	41.34	54.00	12.66	Average
4	10407.280	34.43	19.13	53.56	74.00	20.44	Peak
5	13753.550	22.27	23.57	45.84	54.00	8.16	Average
6	13753.550	34.54	23.57	58.11	74.00	15.89	Peak

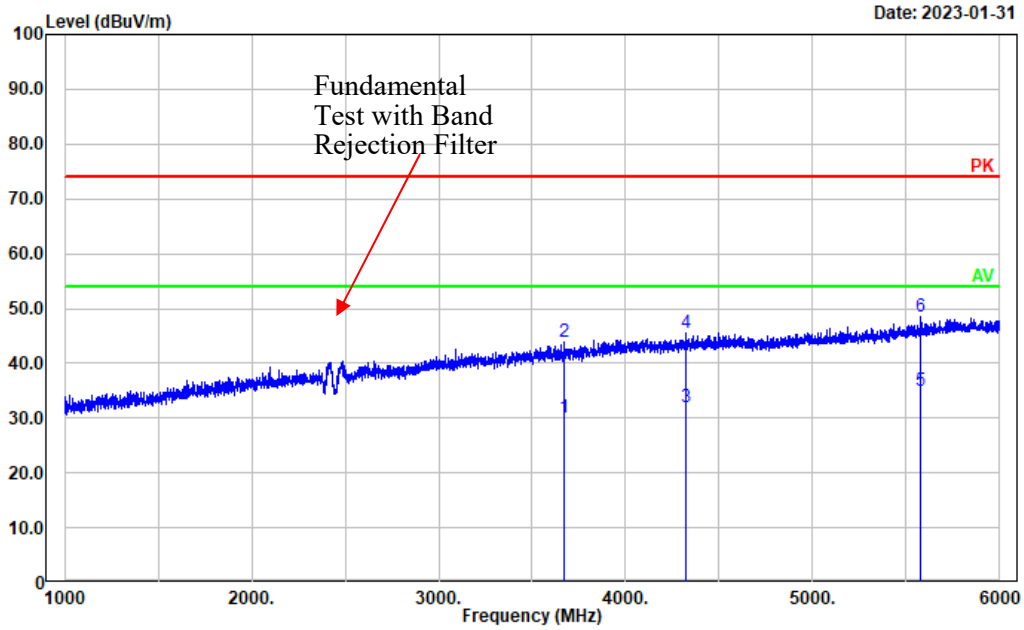
Test Mode: M3 Printing+battery(#1)+Adapter 2#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9755.951	21.30	18.56	39.86	54.00	14.14	Average
2	9755.951	33.59	18.56	52.15	74.00	21.85	Peak
3	12298.860	22.29	21.49	43.78	54.00	10.22	Average
4	12298.860	34.58	21.49	56.07	74.00	17.93	Peak
5	13409.480	21.10	23.13	44.23	54.00	9.77	Average
6	13409.480	33.20	23.13	56.33	74.00	17.67	Peak

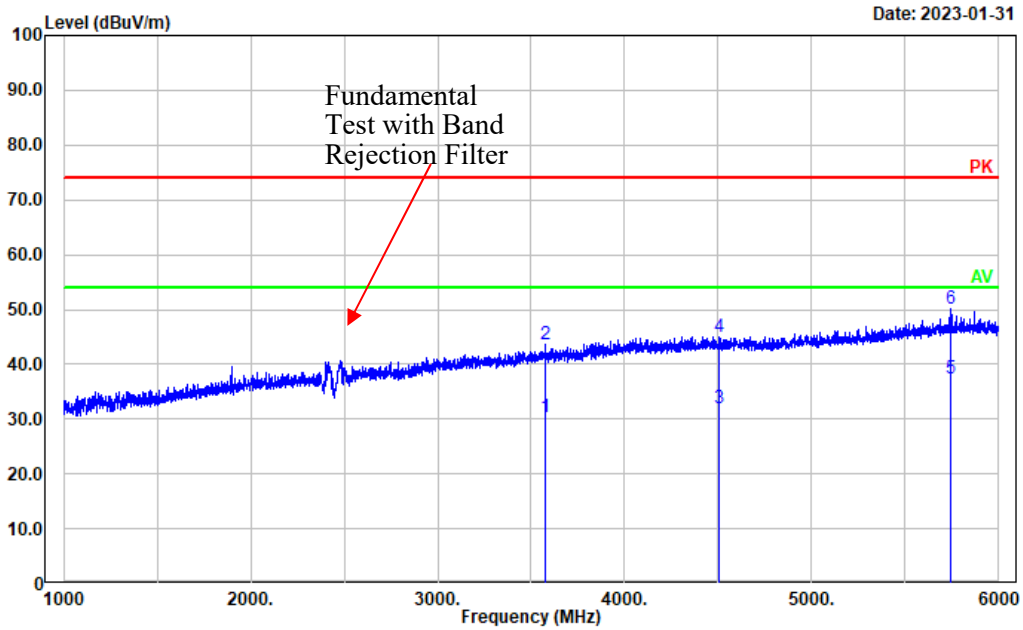
M4:

Test Mode: M4 Printing+battery(#1)+Adapter 3#
Polarization: horizontal
Note:



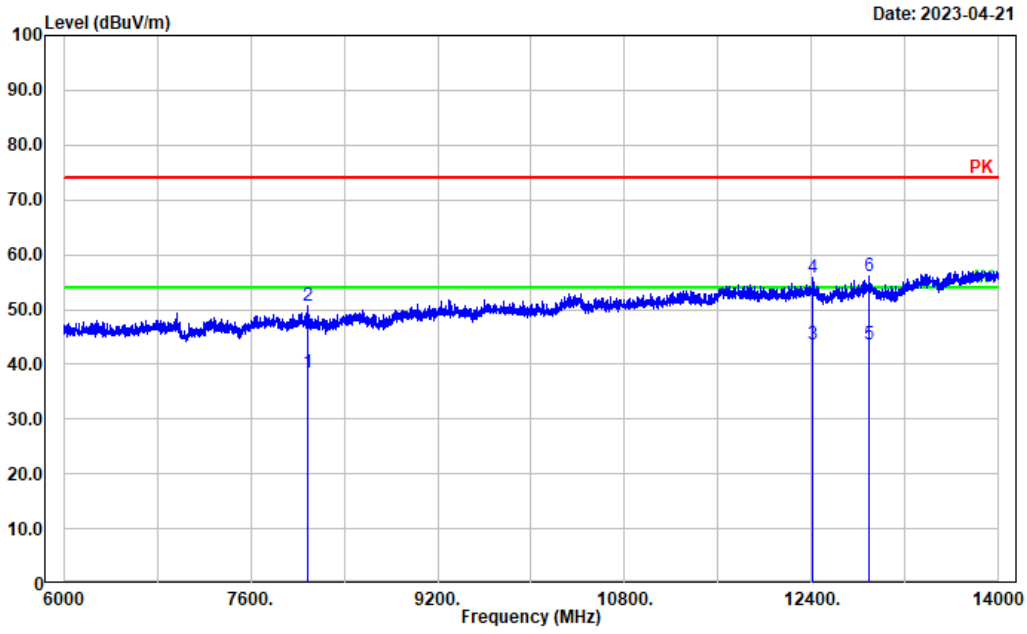
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3668.534	22.02	8.18	30.20	54.00	23.80	Average
2	3668.534	35.61	8.18	43.79	74.00	30.21	Peak
3	4320.664	22.33	9.72	32.05	54.00	21.95	Average
4	4320.664	35.92	9.72	45.64	74.00	28.36	Peak
5	5574.915	22.31	12.64	34.95	54.00	19.05	Average
6	5574.915	35.77	12.64	48.41	74.00	25.59	Peak

Test Mode: M4 Printing+battery(#1)+Adapter 3#
Polarization: vertical
Note:



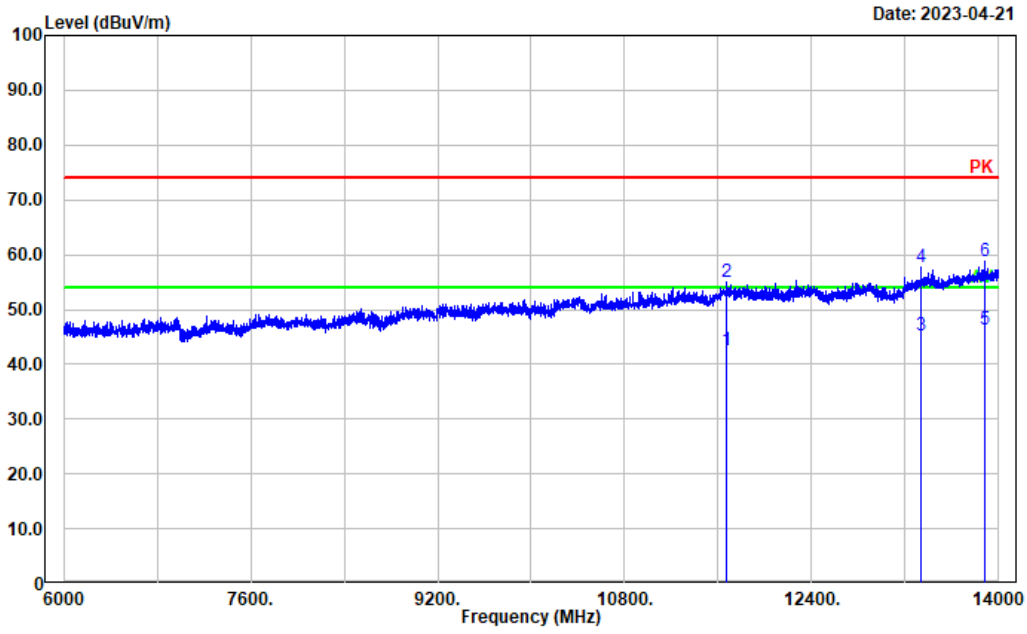
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3575.515	22.33	7.93	30.26	54.00	23.74	Average
2	3575.515	35.71	7.93	43.64	74.00	30.36	Peak
3	4504.701	22.03	10.02	32.05	54.00	21.95	Average
4	4504.701	35.08	10.02	45.10	74.00	28.90	Peak
5	5740.948	24.31	13.00	37.31	54.00	16.69	Average
6	5740.948	37.01	13.00	50.01	74.00	23.99	Peak

Test Mode: M4 Printing+battery(#1)+Adapter 3#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	8093.219	22.23	16.13	38.36	54.00	15.64	Average
2	8093.219	34.45	16.13	50.58	74.00	23.42	Peak
3	12407.680	22.13	21.52	43.65	54.00	10.35	Average
4	12407.680	34.25	21.52	55.77	74.00	18.23	Peak
5	12894.180	21.38	22.28	43.66	54.00	10.34	Average
6	12894.180	33.77	22.28	56.05	74.00	17.95	Peak

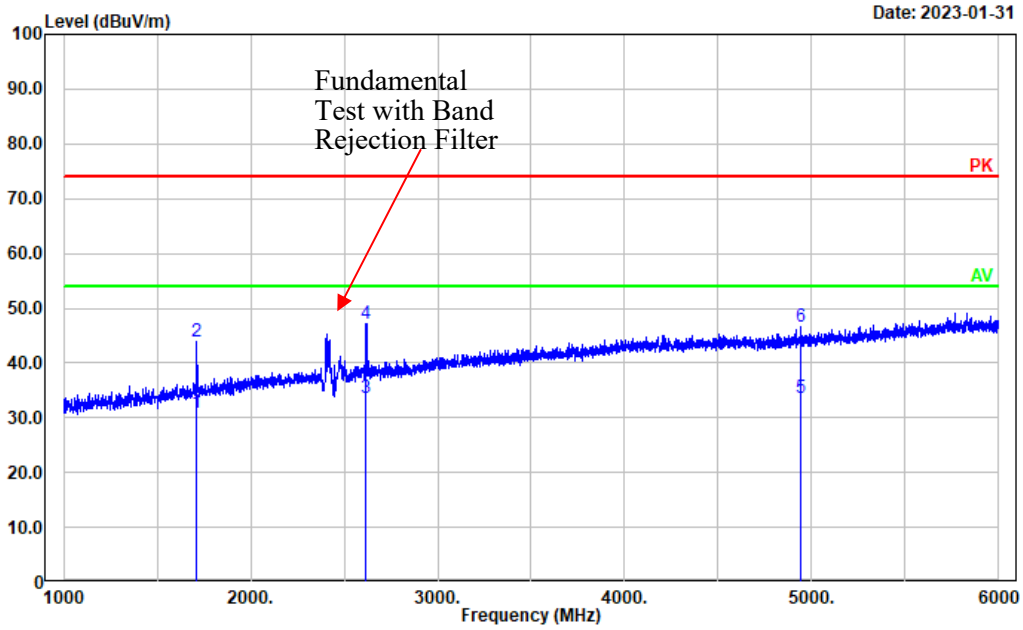
Test Mode: M4 Printing+battery(#1)+Adapter 3#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11674.740	21.40	21.14	42.54	54.00	11.46	Average
2	11674.740	33.81	21.14	54.95	74.00	19.05	Peak
3	13334.270	22.49	22.79	45.28	54.00	8.72	Average
4	13334.270	34.98	22.79	57.77	74.00	16.23	Peak
5	13878.380	22.27	24.14	46.41	54.00	7.59	Average
6	13878.380	34.54	24.14	58.68	74.00	15.32	Peak

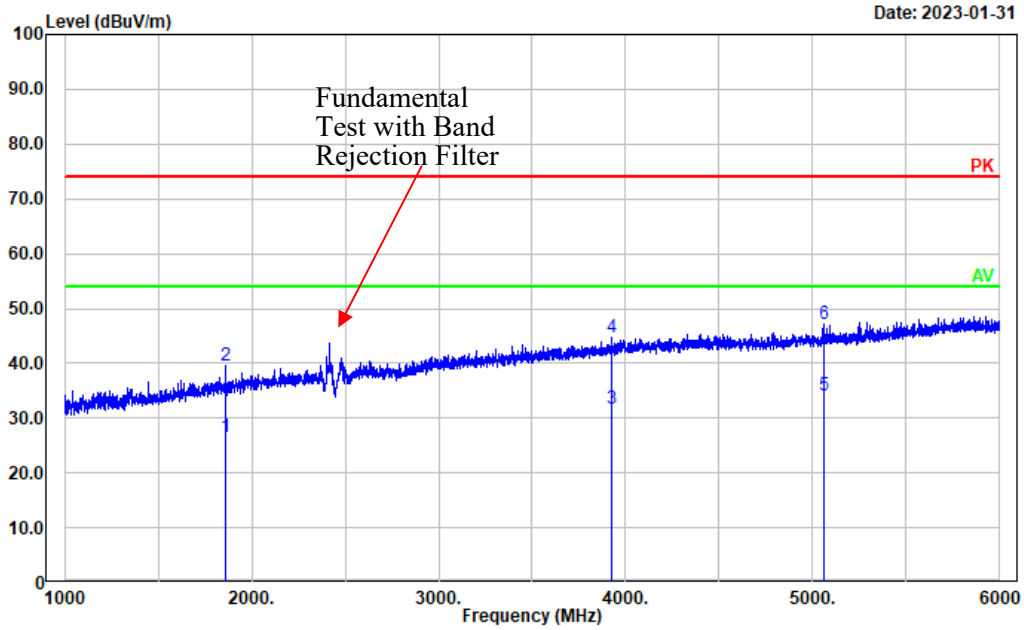
M5:

Test Mode: M5 Printing+battery(#1)+Adapter 4#
Polarization: horizontal
Note:



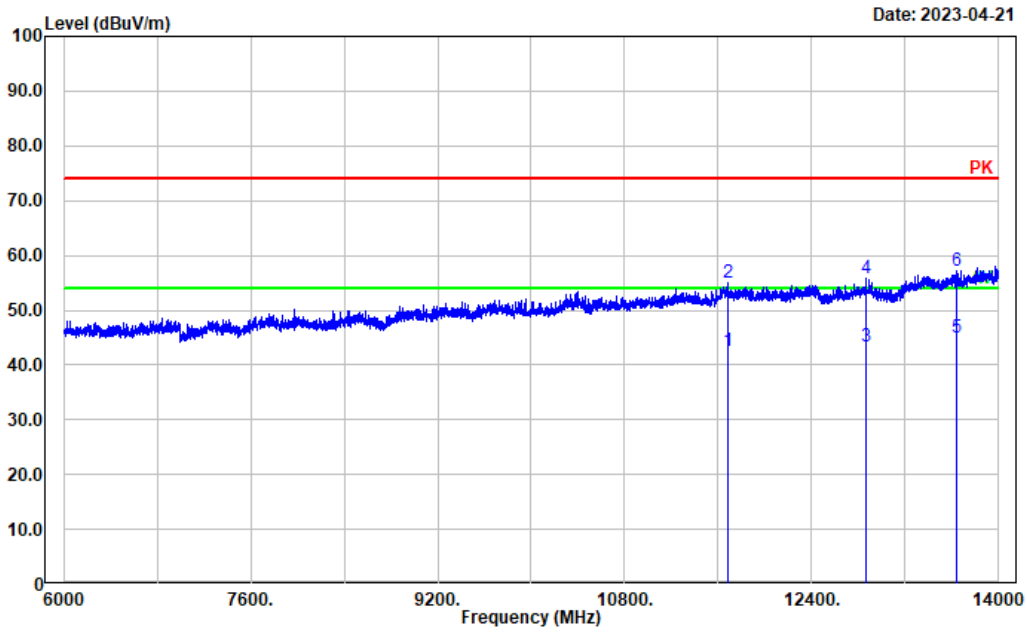
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1713.143	30.02	0.79	30.81	54.00	23.19	Average
2	1713.143	43.10	0.79	43.89	74.00	30.11	Peak
3	2615.323	29.33	4.31	33.64	54.00	20.36	Average
4	2615.323	42.87	4.31	47.18	74.00	26.82	Peak
5	4942.789	22.31	11.23	33.54	54.00	20.46	Average
6	4942.789	35.42	11.23	46.65	74.00	27.35	Peak

Test Mode: M5 Printing+battery(#1)+Adapter 4#
Polarization: vertical
Note:



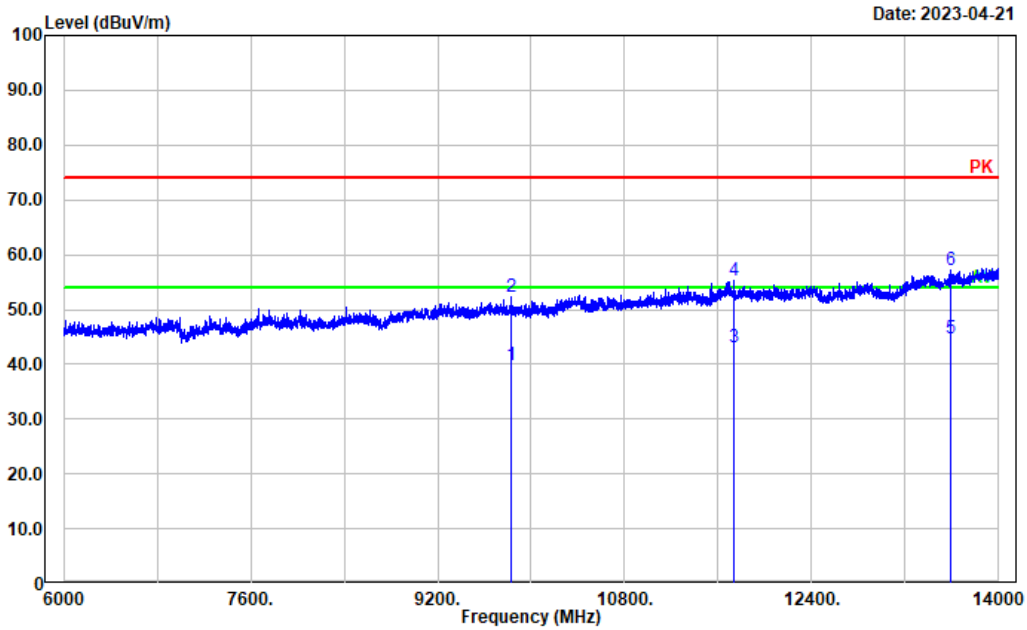
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1861.172	25.00	1.62	26.62	54.00	27.38	Average
2	1861.172	37.94	1.62	39.56	74.00	34.44	Peak
3	3924.585	22.55	9.11	31.66	54.00	22.34	Average
4	3924.585	35.66	9.11	44.77	74.00	29.23	Peak
5	5061.813	23.01	11.25	34.26	54.00	19.74	Average
6	5061.813	35.92	11.25	47.17	74.00	26.83	Peak

Test Mode: M5 Printing+battery(#1)+Adapter 4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11684.340	21.47	21.17	42.64	54.00	11.36	Average
2	11684.340	33.94	21.17	55.11	74.00	18.89	Peak
3	12865.370	21.29	22.16	43.45	54.00	10.55	Average
4	12865.370	33.58	22.16	55.74	74.00	18.26	Peak
5	13633.530	21.39	23.49	44.88	54.00	9.12	Average
6	13633.530	33.79	23.49	57.28	74.00	16.72	Peak

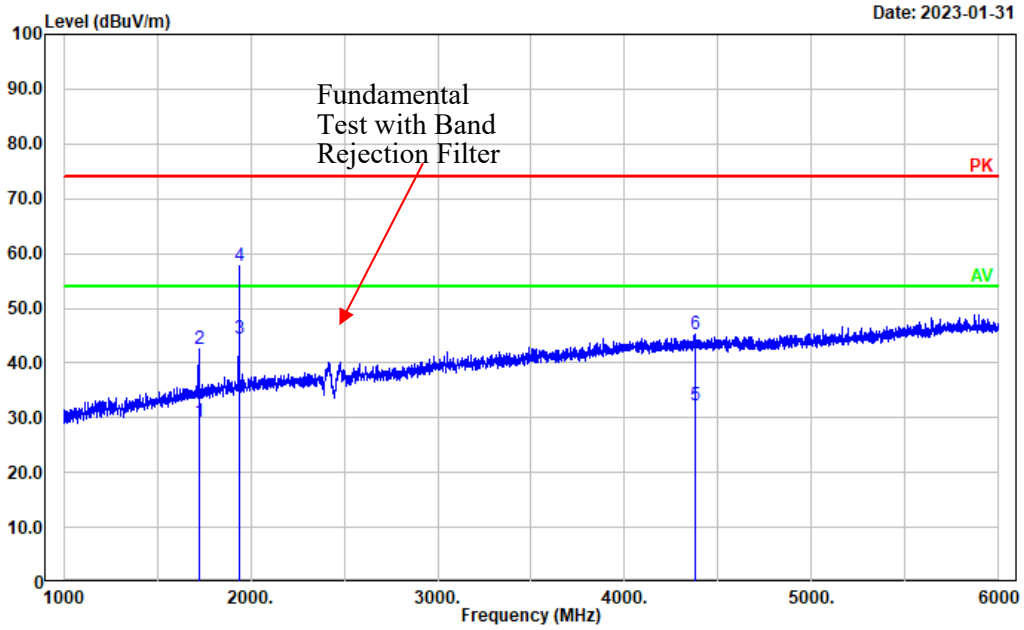
Test Mode: M5 Printing+battery(#1)+Adapter 4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9824.765	21.31	18.63	39.94	54.00	14.06	Average
2	9824.765	33.60	18.63	52.23	74.00	21.77	Peak
3	11732.350	22.01	21.17	43.18	54.00	10.82	Average
4	11732.350	34.02	21.17	55.19	74.00	18.81	Peak
5	13585.520	21.41	23.41	44.82	54.00	9.18	Average
6	13585.520	33.81	23.41	57.22	74.00	16.78	Peak

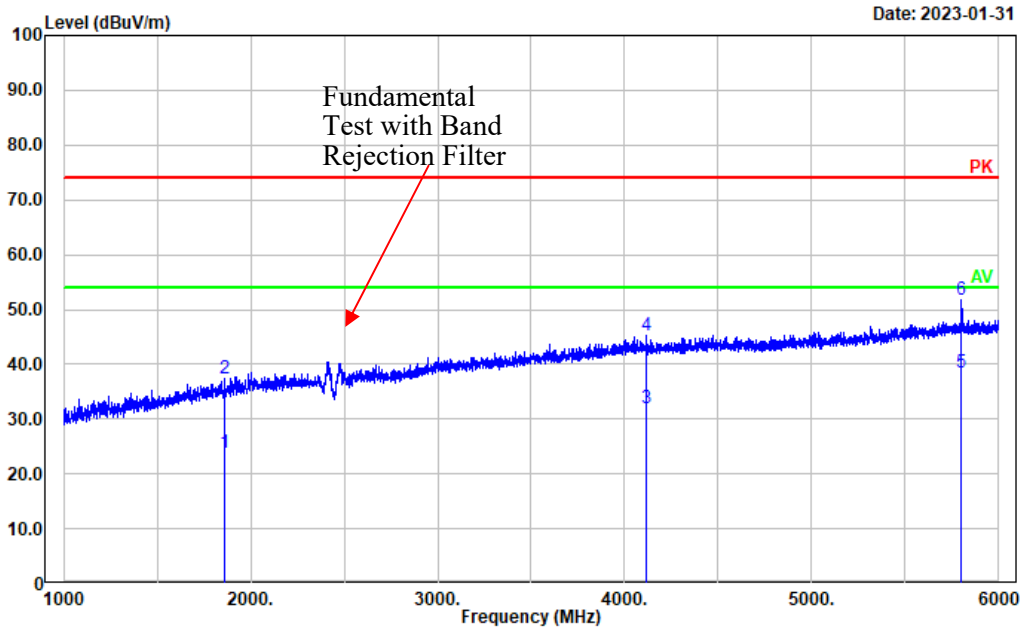
M6:

Test Mode: M6 Printing+battery(#2)+Adapter 4#
Polarization: horizontal
Note:



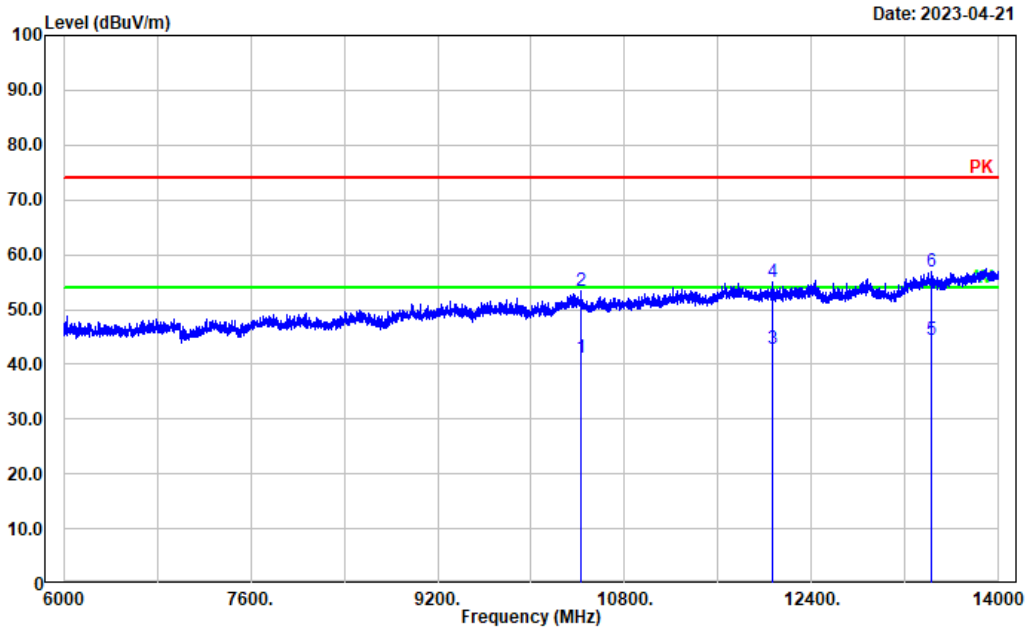
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1722.144	28.34	0.83	29.17	54.00	24.83	Average
2	1722.144	41.76	0.83	42.59	74.00	31.41	Peak
3	1938.188	42.32	2.03	44.35	54.00	9.65	Average
4	1938.188	55.69	2.03	57.72	74.00	16.28	Peak
5	4376.675	22.31	9.82	32.13	54.00	21.87	Average
6	4376.675	35.52	9.82	45.34	74.00	28.66	Peak

Test Mode: M6 Printing+battery(#2)+Adapter 4#
Polarization: vertical
Note:



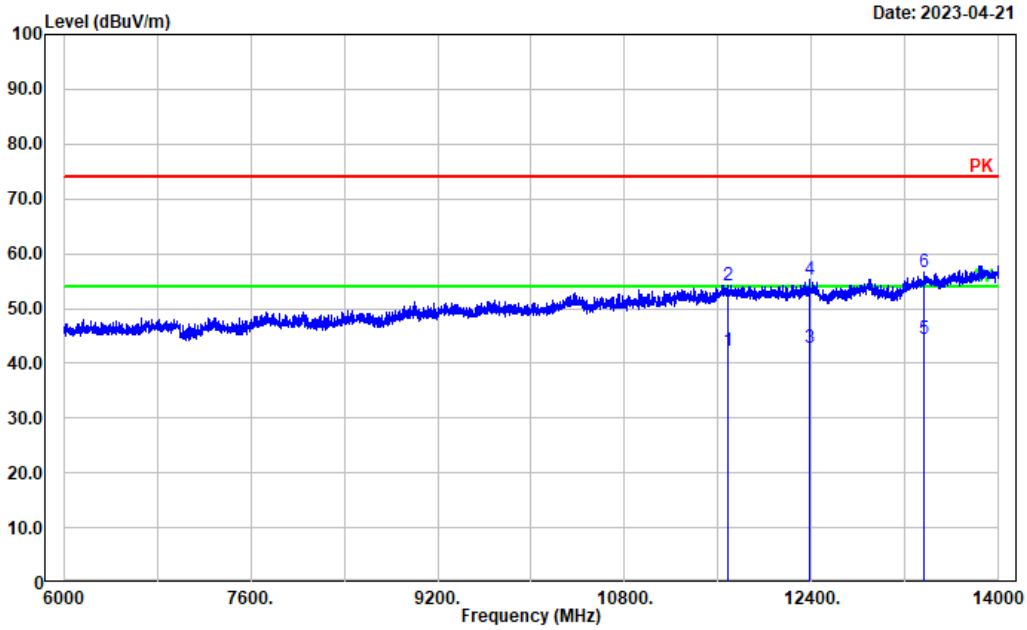
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1861.172	22.30	1.62	23.92	54.00	30.08	Average
2	1861.172	35.70	1.62	37.32	74.00	36.68	Peak
3	4112.623	22.31	9.54	31.85	54.00	22.15	Average
4	4112.623	35.59	9.54	45.13	74.00	28.87	Peak
5	5797.959	25.34	13.02	38.36	54.00	15.64	Average
6	5797.959	38.83	13.02	51.85	74.00	22.15	Peak

Test Mode: M6 Printing+battery(#2)+Adapter 4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10424.880	22.22	19.07	41.29	54.00	12.71	Average
2	10424.880	34.44	19.07	53.51	74.00	20.49	Peak
3	12062.010	21.27	21.48	42.75	54.00	11.25	Average
4	12062.010	33.55	21.48	55.03	74.00	18.97	Peak
5	13428.690	21.47	23.07	44.54	54.00	9.46	Average
6	13428.690	33.94	23.07	57.01	74.00	16.99	Peak

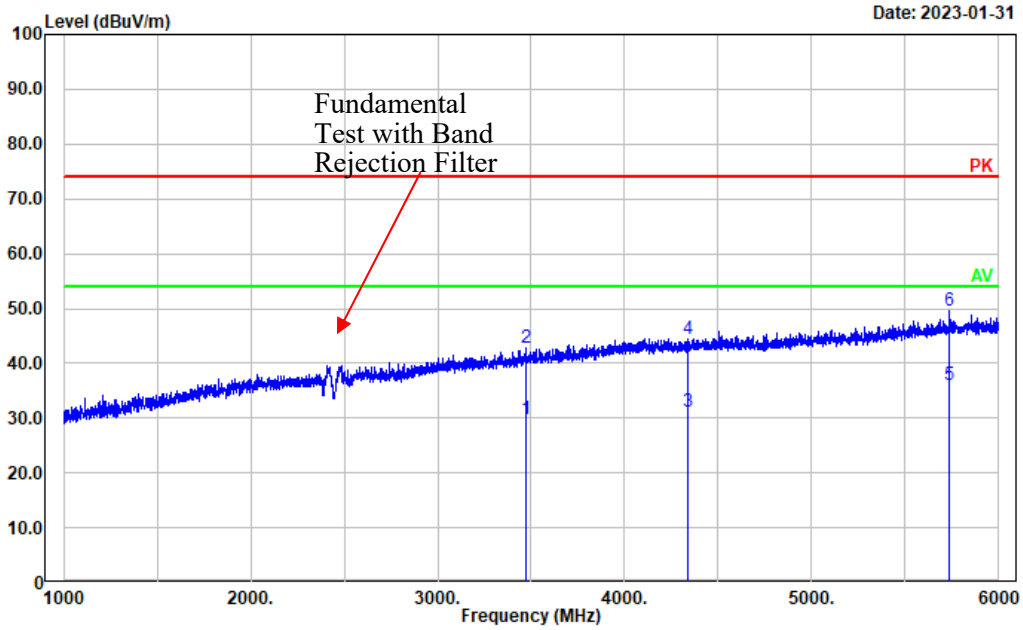
Test Mode: M6 Printing+battery(#2)+Adapter 4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11685.940	21.06	21.18	42.24	54.00	11.76	Average
2	11685.940	33.12	21.18	54.30	74.00	19.70	Peak
3	12382.080	21.34	21.54	42.88	54.00	11.12	Average
4	12382.080	33.69	21.54	55.23	74.00	18.77	Peak
5	13361.470	21.39	22.94	44.33	54.00	9.67	Average
6	13361.470	33.78	22.94	56.72	74.00	17.28	Peak

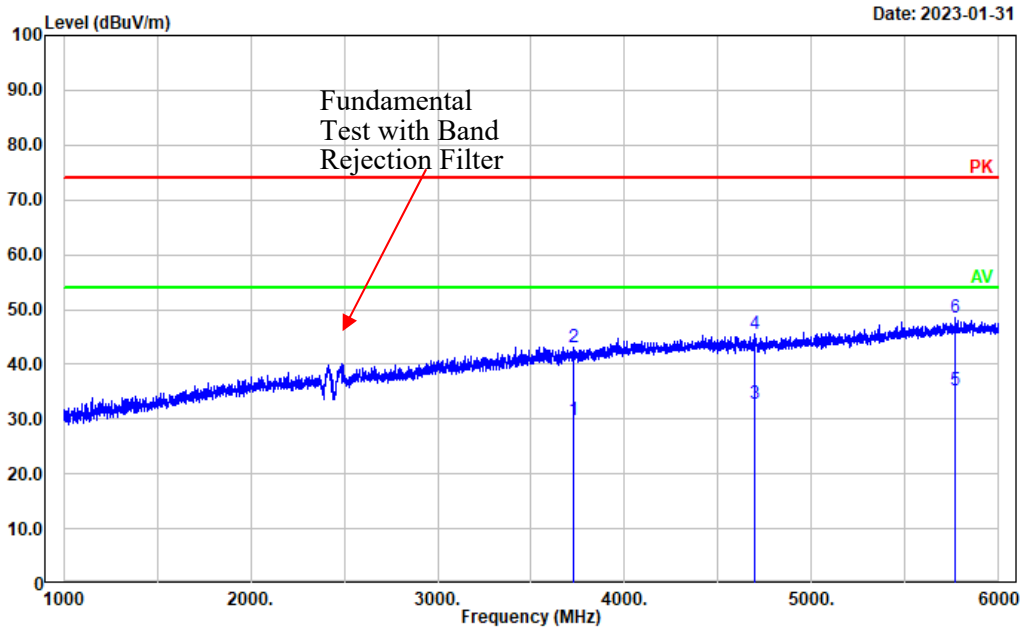
M7:

Test Mode: M7 Printing+battery(#3)+Adapter 4#
Polarization: horizontal
Note:



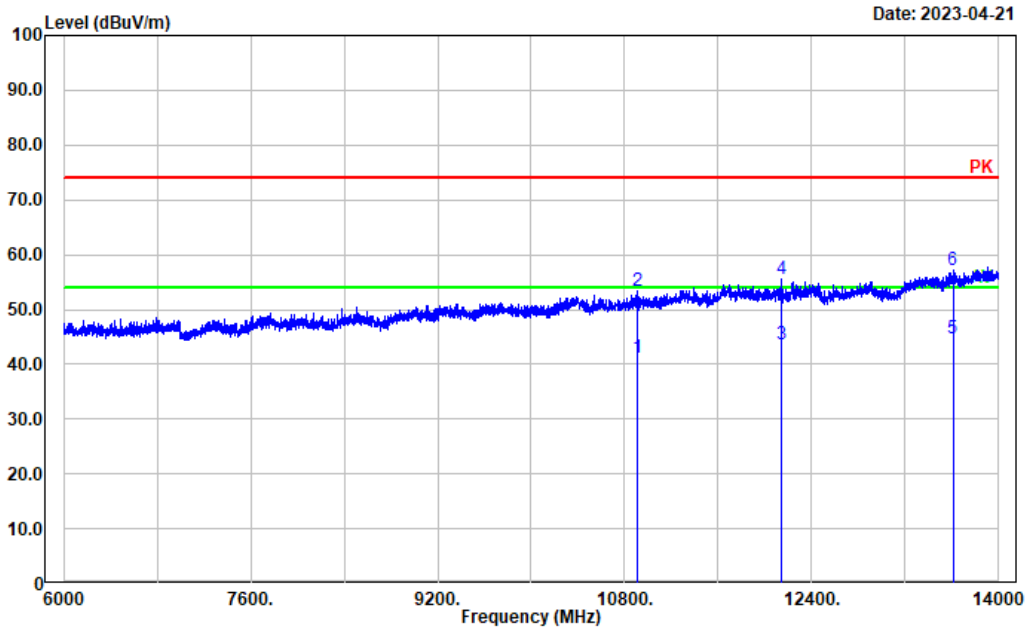
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3473.495	22.30	7.54	29.84	54.00	24.16	Average
2	3473.495	35.27	7.54	42.81	74.00	31.19	Peak
3	4340.668	21.35	9.77	31.12	54.00	22.88	Average
4	4340.668	34.68	9.77	44.45	74.00	29.55	Peak
5	5737.948	23.15	13.00	36.15	54.00	17.85	Average
6	5737.948	36.61	13.00	49.61	74.00	24.39	Peak

Test Mode: M7 Printing+battery(#3)+Adapter 4#
Polarization: vertical
Note:



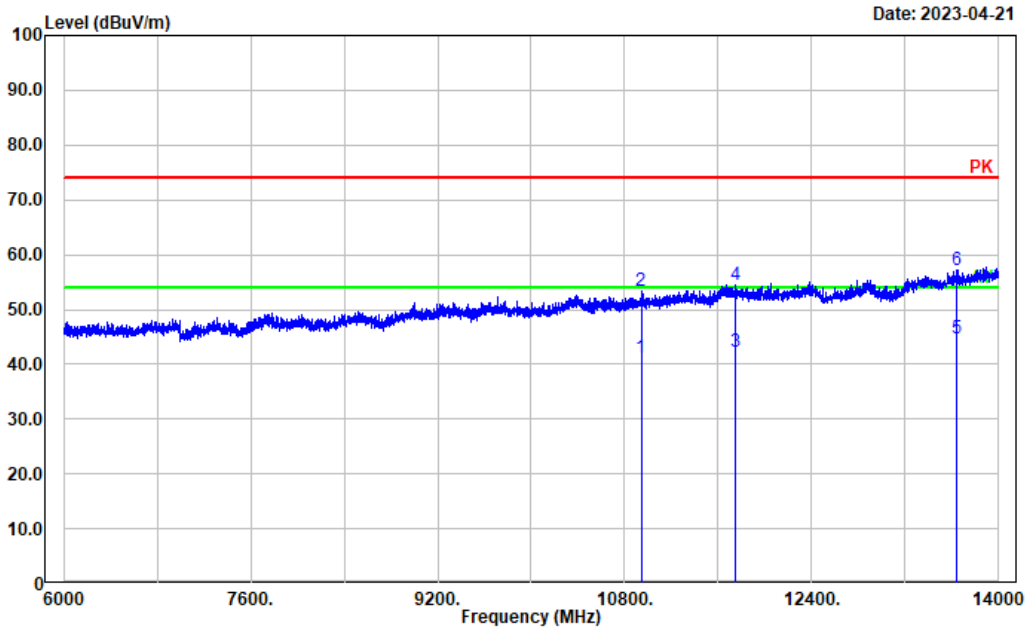
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	3724.545	21.35	8.40	29.75	54.00	24.25	Average
2	3724.545	34.67	8.40	43.07	74.00	30.93	Peak
3	4691.738	22.31	10.51	32.82	54.00	21.18	Average
4	4691.738	35.10	10.51	45.61	74.00	28.39	Peak
5	5764.953	22.30	13.01	35.31	54.00	18.69	Average
6	5764.953	35.40	13.01	48.41	74.00	25.59	Peak

Test Mode: M7 Printing+battery(#3)+Adapter 4#
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10906.580	21.22	19.88	41.10	54.00	12.90	Average
2	10906.580	33.44	19.88	53.32	74.00	20.68	Peak
3	12135.630	22.01	21.56	43.57	54.00	10.43	Average
4	12135.630	34.02	21.56	55.58	74.00	18.42	Peak
5	13607.920	21.28	23.51	44.79	54.00	9.21	Average
6	13607.920	33.57	23.51	57.08	74.00	16.92	Peak

Test Mode: M7 Printing+battery(#3)+Adapter 4#
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	10940.190	21.20	19.86	41.06	54.00	12.94	Average
2	10940.190	33.40	19.86	53.26	74.00	20.74	Peak
3	11743.550	21.19	21.15	42.34	54.00	11.66	Average
4	11743.550	33.37	21.15	54.52	74.00	19.48	Peak
5	13639.930	21.32	23.49	44.81	54.00	9.19	Average
6	13639.930	33.64	23.49	57.13	74.00	16.87	Peak

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