TEST REPORT

Applicant: **Grandstream Networks, Inc.**

Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA

FCC ID: **YZZGWN7812P**

Product Name: **Enterprise Layer 3 Managed Network Switch**

Model Number: **GWN7812P**

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: **CR230311135-00A**

Date Of Issue: **2023/4/6**

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.

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CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230311135-00A	Original Report	2023/4/6

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Enterprise Layer 3 Managed Network Switch
EUT Model:	GWN7812P
Highest Operation Frequency:	800 MHz
Rated Input Voltage:	AC 120V
Serial Number:	22YD_1
EUT Received Date:	2023/3/15
EUT Received Status:	Good
Note: EUT can configure with three different power modules, power #1(RB260W04), power #2(UES267-SPA-M2-OP) and power #3(G0591)	

Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

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: Operation from power #1 (RB260W04) M2: Operation from power #2 (UES267-SPA-M2-OP) M3: Operation from power #3 (G0591)
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

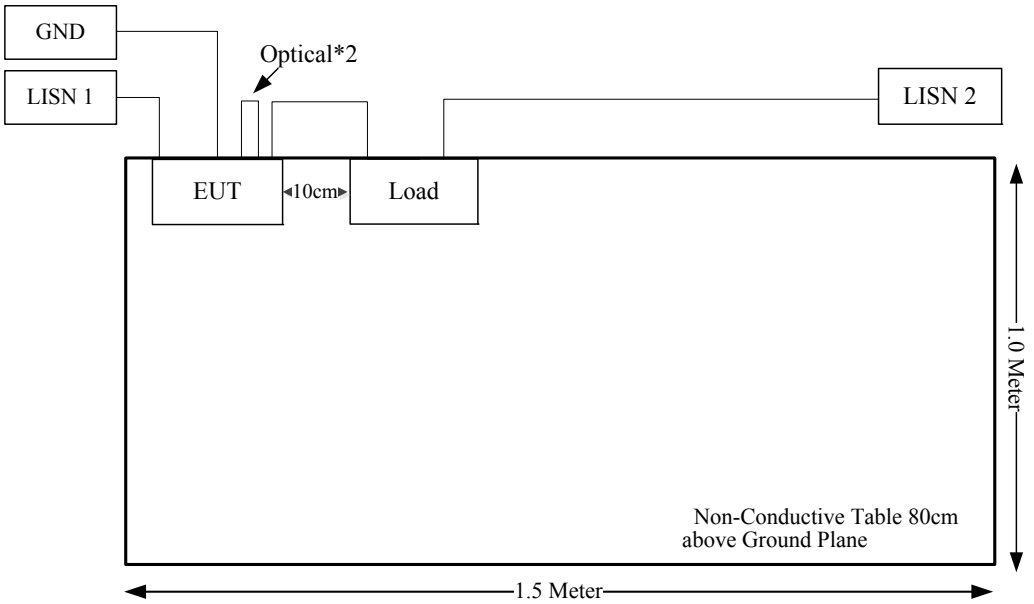
Manufacturer	Description	Model	Serial Number
Unknown	POE Load	Unknown	CR234632

1.2.3 Support Cable List and Details

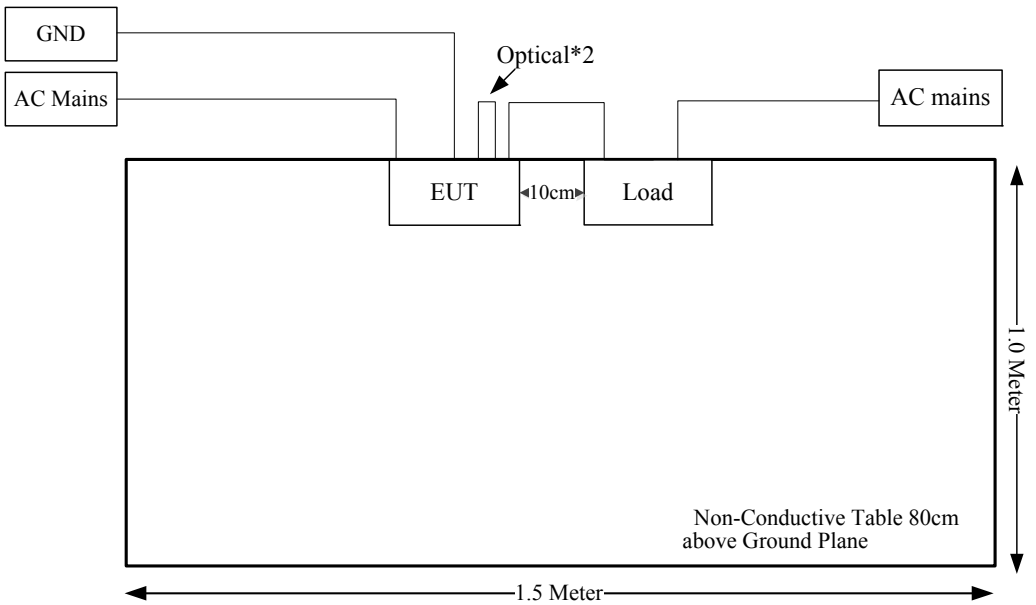
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable*16	No	No	0.6	EUT	POE Load
Optical *2	No	No	4	EUT	EUT
Earth Line	No	No	1	EUT	GND
Power Cable	No	No	1.5	POE Load	LISN2
Power Cable	No	No	1.2	EUT	LISN1

1.2.4 Block Diagram of Test Setup

Conducted emissions:



Radiated emissions:



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)

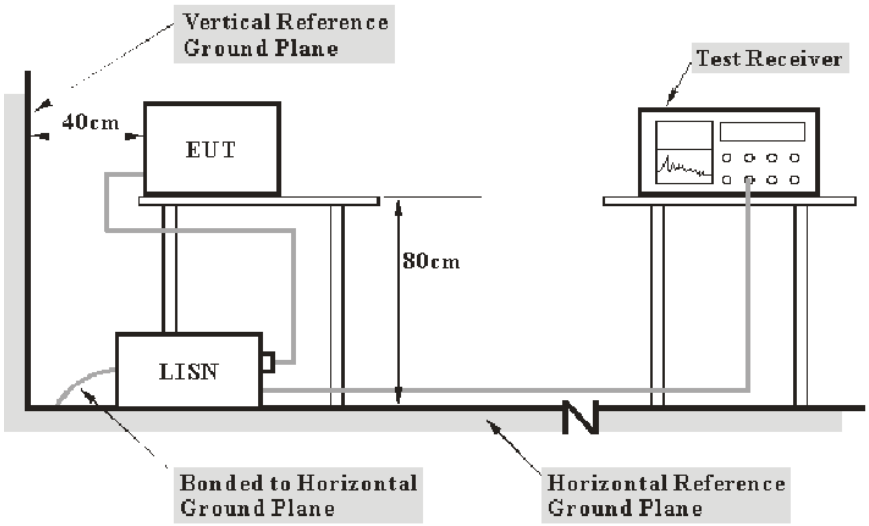
2. SUMMARY OF TEST RESULTS

Standard Clause	Description of Test	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 A 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 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

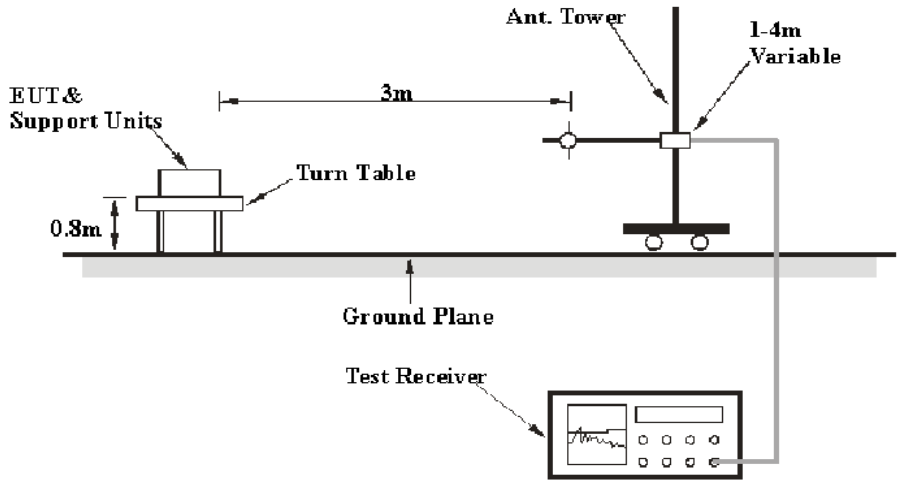
The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

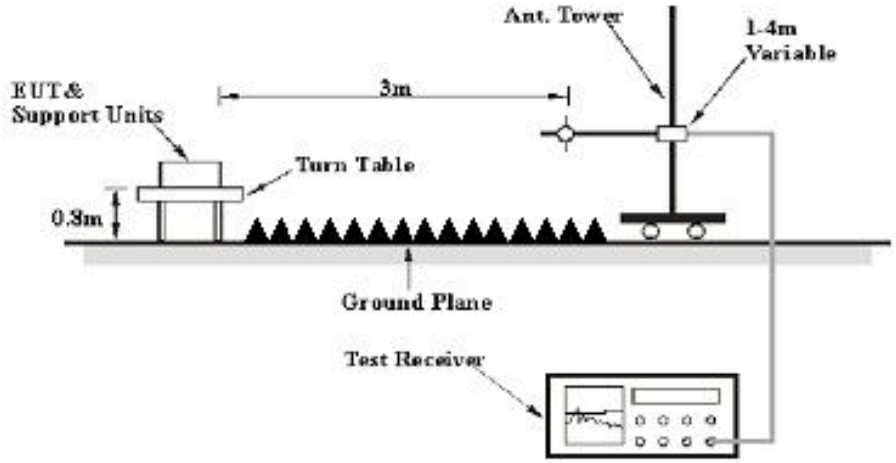
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission 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 A limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

3.2.2 EMI Test Receiver Setup

The system was investigated from 30 MHz to 5 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:	22YD_1	Test Date:	2023/3/18
Test Site:	CE	Test Mode:	M1, M2, M3
Tester:	Vic Du	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.4	Relative Humidity: (%)	65	ATM Pressure: (kPa)	101.8

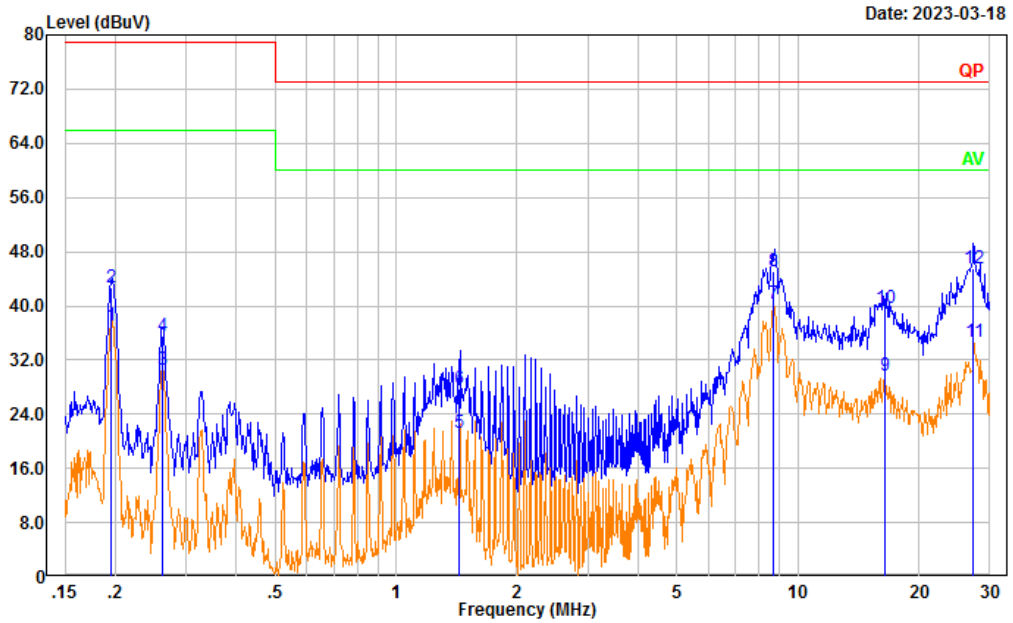
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2022/04/01	2023/03/31
R&S	LISN	ENV216	101132	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).*

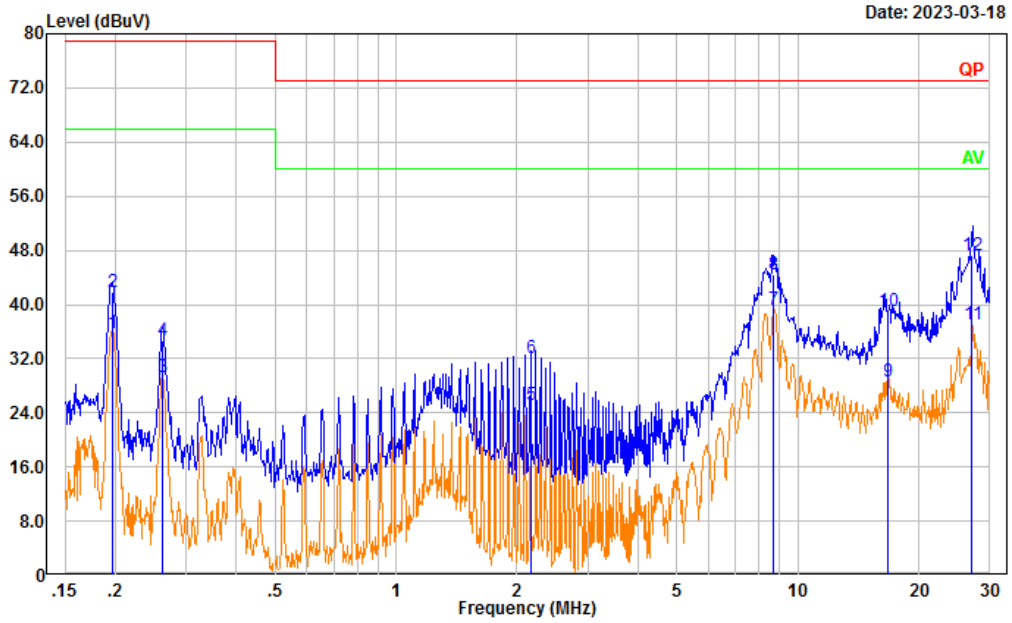
M1:

Test Mode: Operation from power #1
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.196	27.50	9.61	37.11	66.00	28.89	Average
2	0.196	33.05	9.61	42.66	79.00	36.34	QP
3	0.262	21.03	9.61	30.64	66.00	35.36	Average
4	0.262	25.97	9.61	35.58	79.00	43.42	QP
5	1.439	11.70	9.62	21.32	60.00	38.68	Average
6	1.439	18.06	9.62	27.68	73.00	45.32	QP
7	8.713	30.64	9.67	40.31	60.00	19.69	Average
8	8.713	35.51	9.67	45.18	73.00	27.82	QP
9	16.444	19.90	9.72	29.62	60.00	30.38	Average
10	16.444	29.98	9.72	39.70	73.00	33.30	QP
11	27.317	24.88	9.83	34.71	60.00	25.29	Average
12	27.317	35.61	9.83	45.44	73.00	27.56	QP

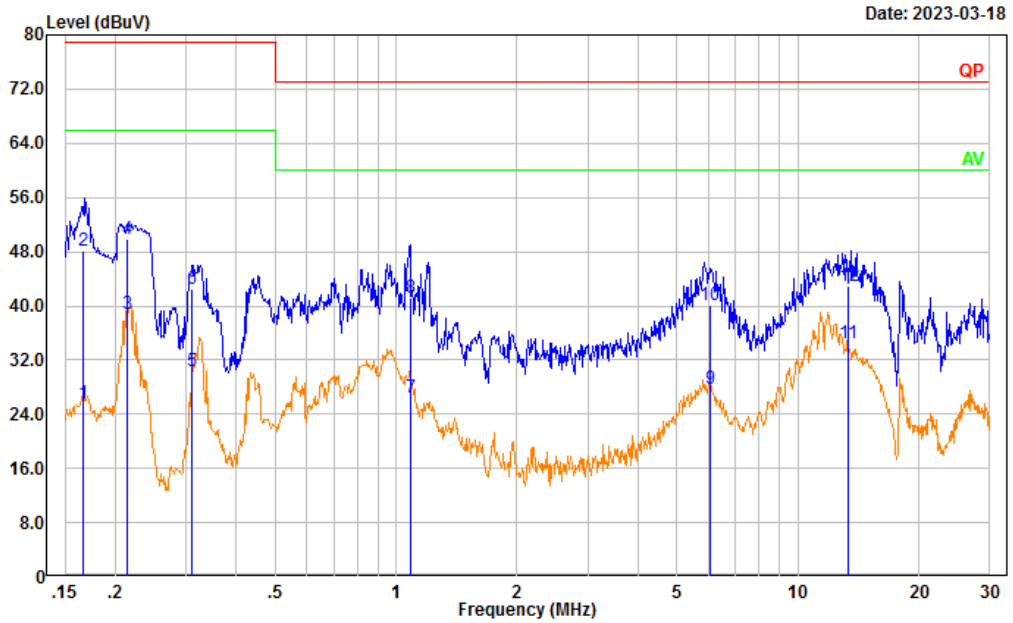
Test Mode: Operation from power #1
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.196	26.16	9.61	35.77	66.00	30.23	Average
2	0.196	32.27	9.61	41.88	79.00	37.12	QP
3	0.262	19.61	9.61	29.22	66.00	36.78	Average
4	0.262	25.11	9.61	34.72	79.00	44.28	QP
5	2.161	15.62	9.63	25.25	60.00	34.75	Average
6	2.161	22.53	9.63	32.16	73.00	40.84	QP
7	8.714	29.54	9.67	39.21	60.00	20.79	Average
8	8.714	34.73	9.67	44.40	73.00	28.60	QP
9	16.763	18.87	9.69	28.56	60.00	31.44	Average
10	16.763	29.38	9.69	39.07	73.00	33.93	QP
11	27.110	27.34	9.80	37.14	60.00	22.86	Average
12	27.110	37.55	9.80	47.35	73.00	25.65	QP

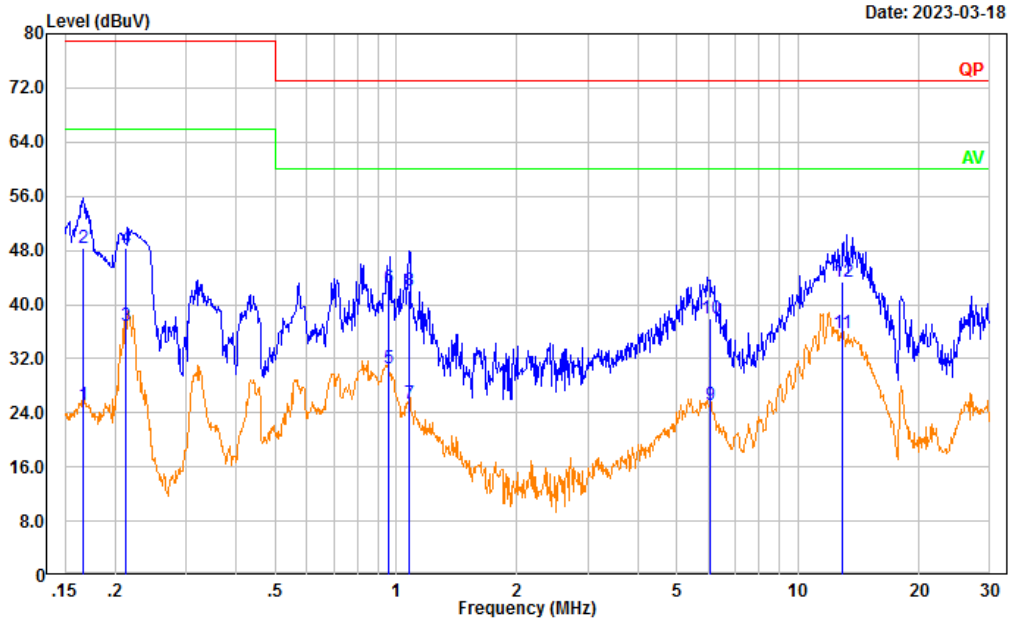
M2:

Test Mode: Operation from power #2
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.167	15.99	9.61	25.60	66.00	40.40	Average
2	0.167	38.58	9.61	48.19	79.00	30.81	QP
3	0.214	29.15	9.61	38.76	66.00	27.24	Average
4	0.214	40.22	9.61	49.83	79.00	29.17	QP
5	0.311	20.77	9.61	30.38	66.00	35.62	Average
6	0.311	32.87	9.61	42.48	79.00	36.52	QP
7	1.091	16.85	9.62	26.47	60.00	33.53	Average
8	1.091	31.62	9.62	41.24	73.00	31.76	QP
9	6.023	18.07	9.66	27.73	60.00	32.27	Average
10	6.023	30.51	9.66	40.17	73.00	32.83	QP
11	13.342	24.78	9.68	34.46	60.00	25.54	Average
12	13.342	33.27	9.68	42.95	73.00	30.05	QP

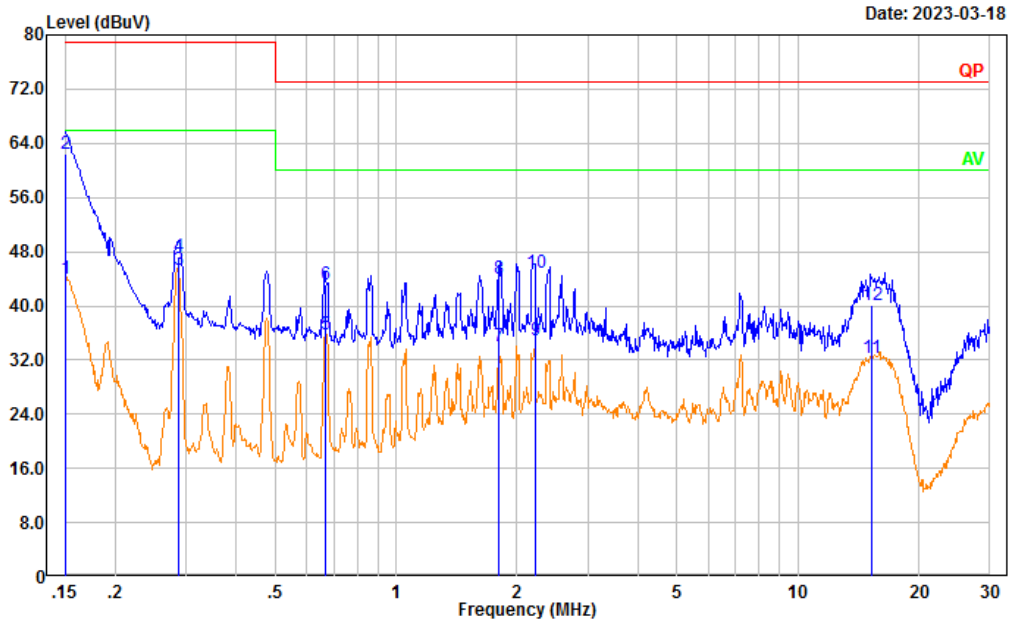
Test Mode: Operation from power #2
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.167	15.50	9.61	25.11	66.00	40.89	Average
2	0.167	38.64	9.61	48.25	79.00	30.75	QP
3	0.212	27.24	9.61	36.85	66.00	29.15	Average
4	0.212	38.78	9.61	48.39	79.00	30.61	QP
5	0.955	20.86	9.62	30.48	60.00	29.52	Average
6	0.955	32.79	9.62	42.41	73.00	30.59	QP
7	1.079	15.77	9.62	25.39	60.00	34.61	Average
8	1.079	32.52	9.62	42.14	73.00	30.86	QP
9	6.037	15.51	9.66	25.17	60.00	34.83	Average
10	6.037	28.38	9.66	38.04	73.00	34.96	QP
11	12.860	26.19	9.68	35.87	60.00	24.13	Average
12	12.860	33.63	9.68	43.31	73.00	29.69	QP

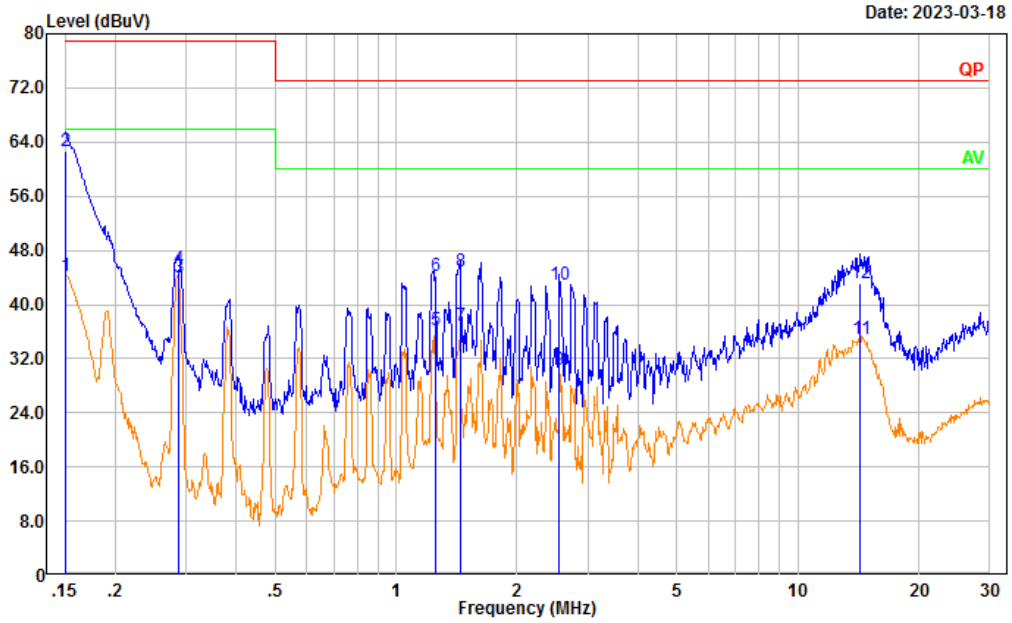
M3:

Test Mode: Operation from power #3
Port: Line
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.150	34.34	9.61	43.95	66.00	22.05	Average
2	0.150	52.90	9.61	62.51	79.00	16.49	QP
3	0.288	35.70	9.61	45.31	66.00	20.69	Average
4	0.288	37.72	9.61	47.33	79.00	31.67	QP
5	0.667	26.25	9.62	35.87	60.00	24.13	Average
6	0.667	33.49	9.62	43.11	73.00	29.89	QP
7	1.802	24.35	9.63	33.98	60.00	26.02	Average
8	1.802	34.31	9.63	43.94	73.00	29.06	QP
9	2.218	25.31	9.63	34.94	60.00	25.06	Average
10	2.218	35.18	9.63	44.81	73.00	28.19	QP
11	15.222	22.63	9.69	32.32	60.00	27.68	Average
12	15.222	30.39	9.69	40.08	73.00	32.92	QP

Test Mode: Operation from power #3
Port: neutral
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.150	34.54	9.61	44.15	66.00	21.85	Average
2	0.150	52.97	9.61	62.58	79.00	16.42	QP
3	0.287	34.42	9.61	44.03	66.00	21.97	Average
4	0.287	35.80	9.61	45.41	79.00	33.59	QP
5	1.251	26.61	9.62	36.23	60.00	23.77	Average
6	1.251	34.57	9.62	44.19	73.00	28.81	QP
7	1.444	27.17	9.62	36.79	60.00	23.21	Average
8	1.444	35.23	9.62	44.85	73.00	28.15	QP
9	2.548	20.66	9.64	30.30	60.00	29.70	Average
10	2.548	33.32	9.64	42.96	73.00	30.04	QP
11	14.298	25.28	9.68	34.96	60.00	25.04	Average
12	14.298	33.44	9.68	43.12	73.00	29.88	QP

4.2 Radiation Spurious Emissions

Serial Number:	22YD_1	Test Date:	2023/3/17~2023/3/22
Test Site:	966-1, 966-2	Test Mode:	M1-M3
Tester:	Carl Xue, coco Tian	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	22.8~25.8	Relative Humidity: (%)	46~51	ATM Pressure: (kPa)	100.7~101.1

Test Equipment List and Details:

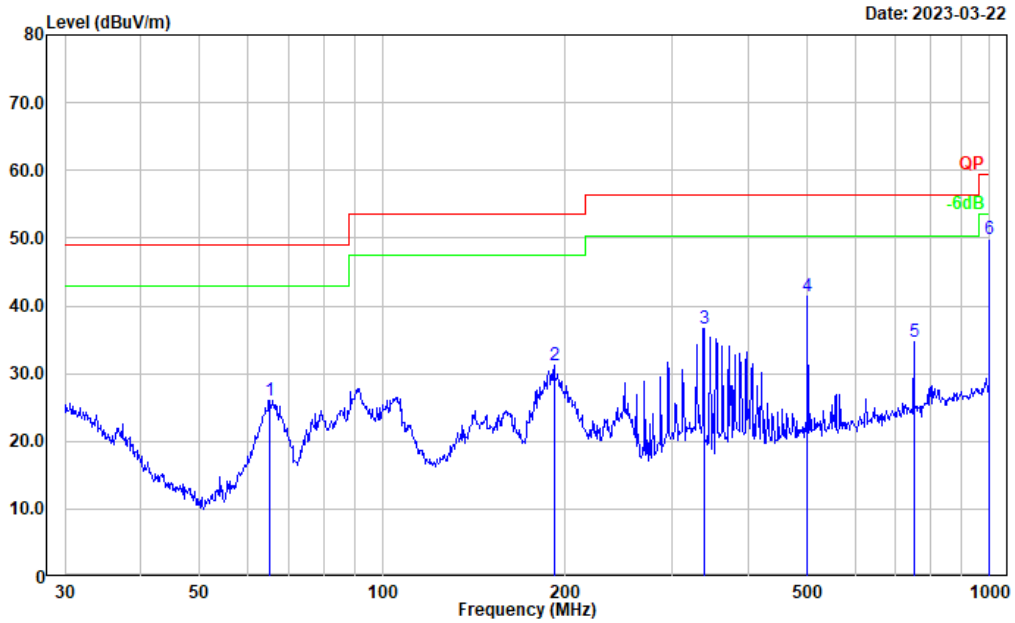
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18
R&S	EMI Test Receiver	ESR3	102724	2022/07/15	2023/07/14
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2022/07/17	2023/07/16
TIMES MICROWAVE	Coaxial 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

** 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:

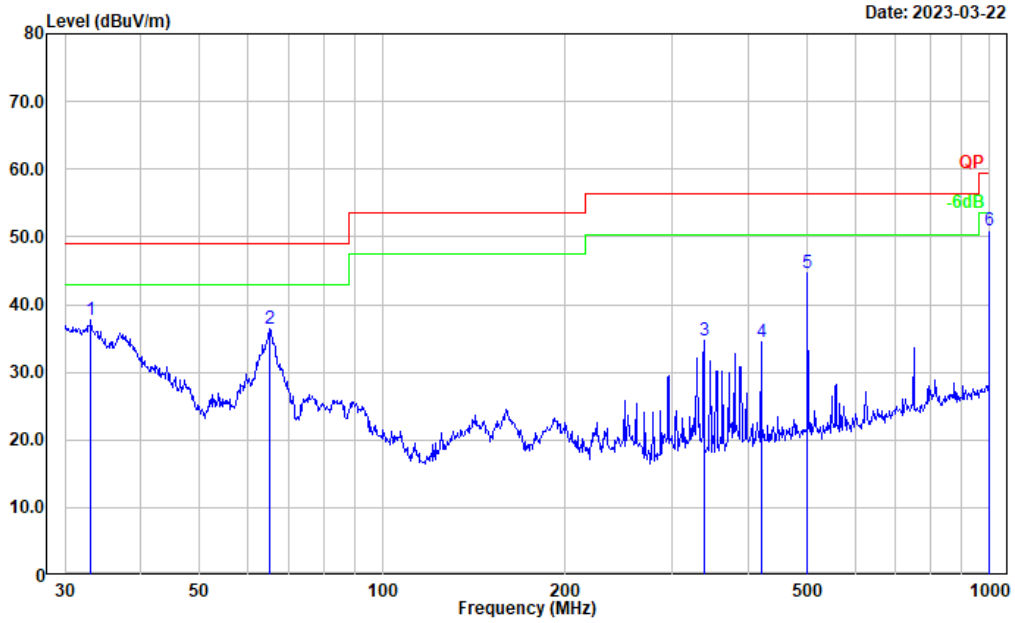
M1:

Test Mode: Operation from power #1
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	65.343	42.95	-16.91	26.04	49.00	22.96	Peak
2	191.745	44.40	-13.21	31.19	53.50	22.31	Peak
3	338.400	46.71	-10.09	36.62	56.40	19.78	Peak
4	501.179	47.39	-5.99	41.40	56.40	15.00	Peak
5	750.108	37.76	-3.00	34.76	56.40	21.64	Peak
6	1000.000	48.92	1.03	49.95	59.50	9.55	Peak

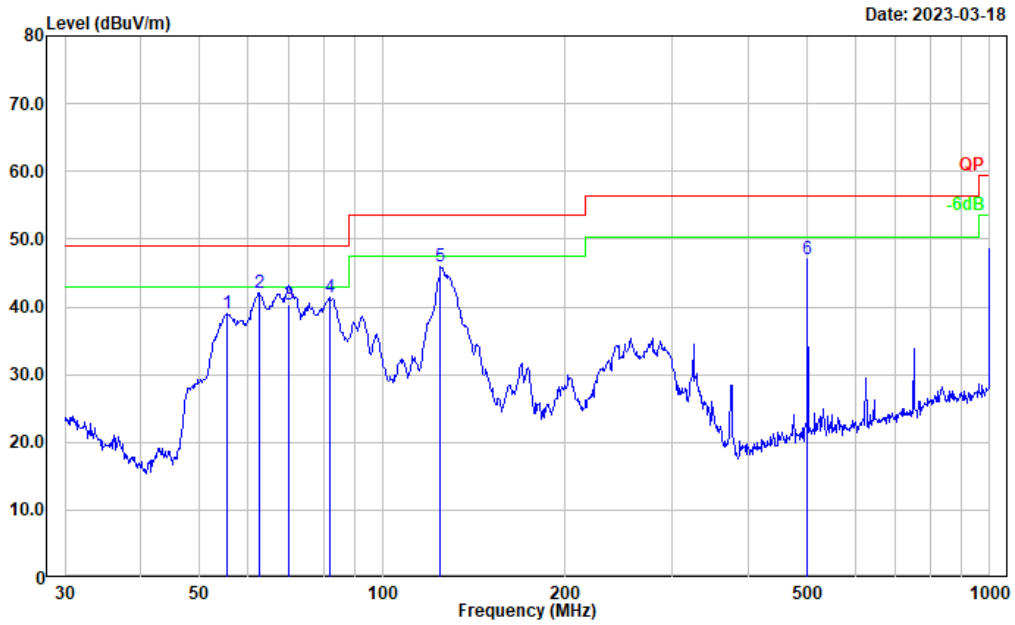
Test Mode: Operation from power #1
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	33.095	43.65	-5.99	37.66	49.00	11.34	Peak
2	65.114	53.24	-16.92	36.32	49.00	12.68	Peak
3	338.400	44.74	-10.09	34.65	56.40	21.75	Peak
4	420.580	42.27	-7.90	34.37	56.40	22.03	Peak
5	501.179	50.69	-5.99	44.70	56.40	11.70	Peak
6	1000.000	49.90	1.03	50.93	59.50	8.57	Peak

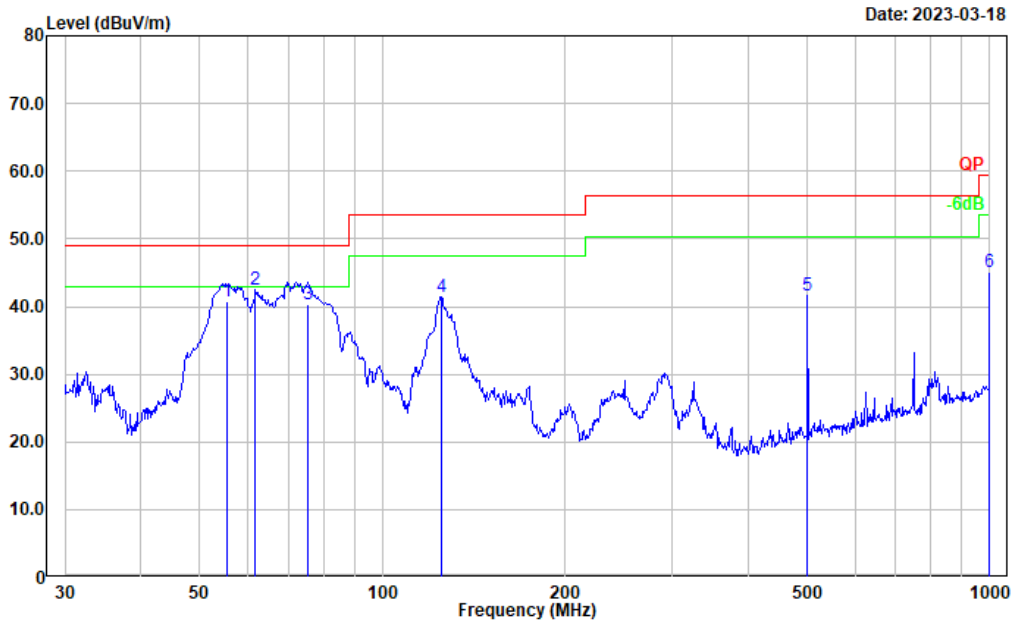
M2:

Test Mode: Operation from power #2
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	55.609	56.39	-17.31	39.08	49.00	9.92	Peak
2	62.871	59.28	-17.13	42.15	49.00	6.85	Peak
3	70.090	56.76	-16.47	40.29	49.00	8.71	QP
4	82.071	58.75	-17.35	41.40	49.00	7.60	Peak
5	124.569	57.37	-11.35	46.02	53.50	7.48	Peak
6	501.179	52.94	-5.99	46.95	56.40	9.45	Peak

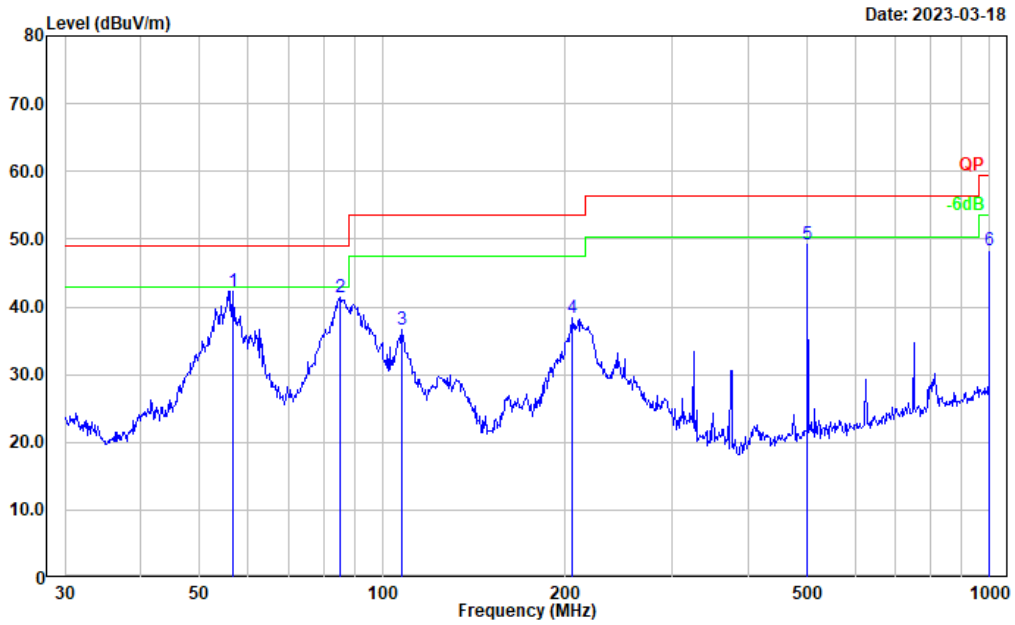
Test Mode: Operation from power #2
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	55.448	57.99	-17.29	40.70	49.00	8.30	QP
2	61.778	59.77	-17.27	42.50	49.00	6.50	Peak
3	75.338	57.30	-16.96	40.34	49.00	8.66	QP
4	125.007	52.67	-11.31	41.36	53.50	12.14	Peak
5	501.179	47.52	-5.99	41.53	56.40	14.87	Peak
6	1000.000	44.11	1.03	45.14	59.50	14.36	Peak

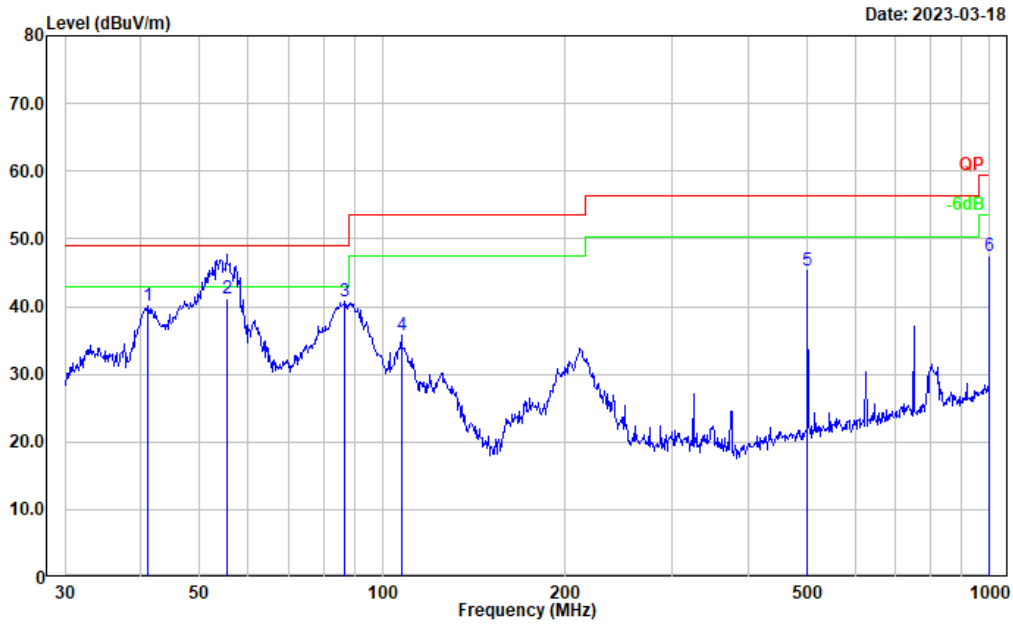
M3:

Test Mode: Operation from power #3
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	56.792	59.67	-17.31	42.36	49.00	6.64	Peak
2	84.999	58.67	-17.19	41.48	49.00	7.52	Peak
3	107.888	49.28	-12.72	36.56	53.50	16.94	Peak
4	205.675	50.81	-12.37	38.44	53.50	15.06	Peak
5	501.179	55.24	-5.99	49.25	56.40	7.15	Peak
6	1000.000	47.23	1.03	48.26	59.50	11.24	Peak

Test Mode: Operation from power #3
Polarization: vertical
Note:

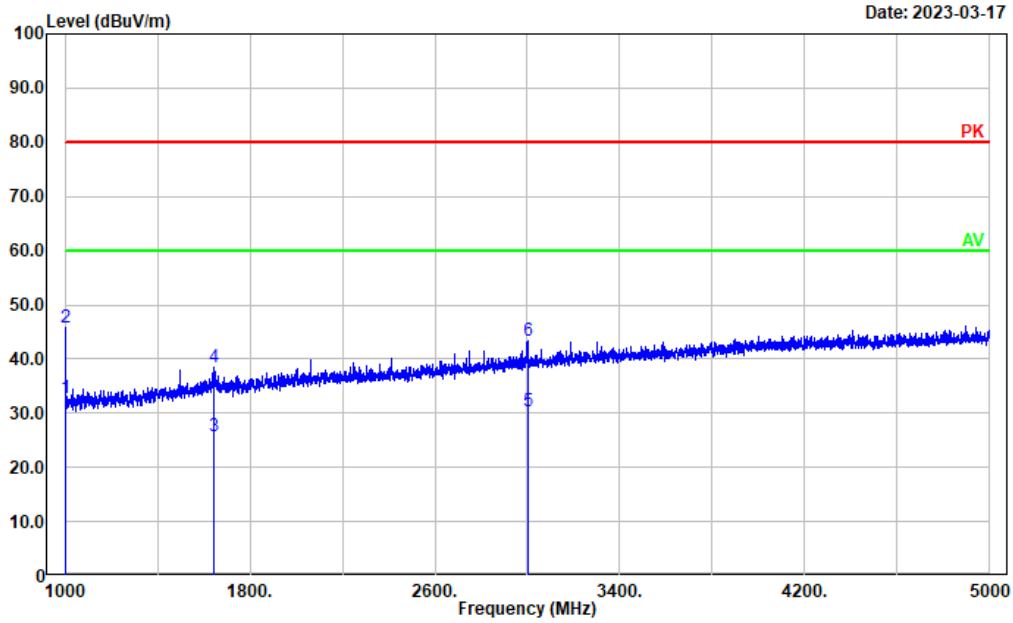


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	40.988	52.04	-11.90	40.14	49.00	8.86	Peak
2	55.570	58.44	-17.31	41.13	49.00	7.87	QP
3	86.807	57.87	-17.10	40.77	49.00	8.23	Peak
4	107.510	48.63	-12.80	35.83	53.50	17.67	Peak
5	501.179	51.32	-5.99	45.33	56.40	11.07	Peak
6	1000.000	46.50	1.03	47.53	59.50	11.97	Peak

2) 1GHz-5GHz:

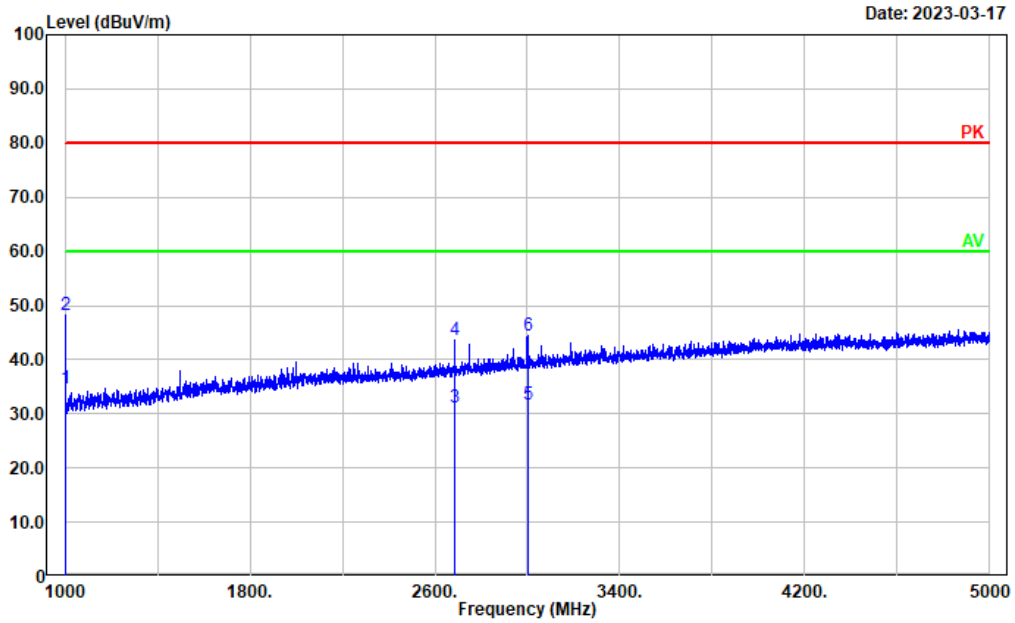
M1:

Test Mode: M1 Operation from power #1
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	35.46	-2.72	32.74	60.00	27.26	Average
2	1000.000	48.54	-2.72	45.82	80.00	34.18	Peak
3	1643.329	25.33	0.44	25.77	60.00	34.23	Average
4	1643.329	38.17	0.44	38.61	80.00	41.39	Peak
5	3000.400	24.37	6.10	30.47	60.00	29.53	Average
6	3000.400	37.38	6.10	43.48	80.00	36.52	Peak

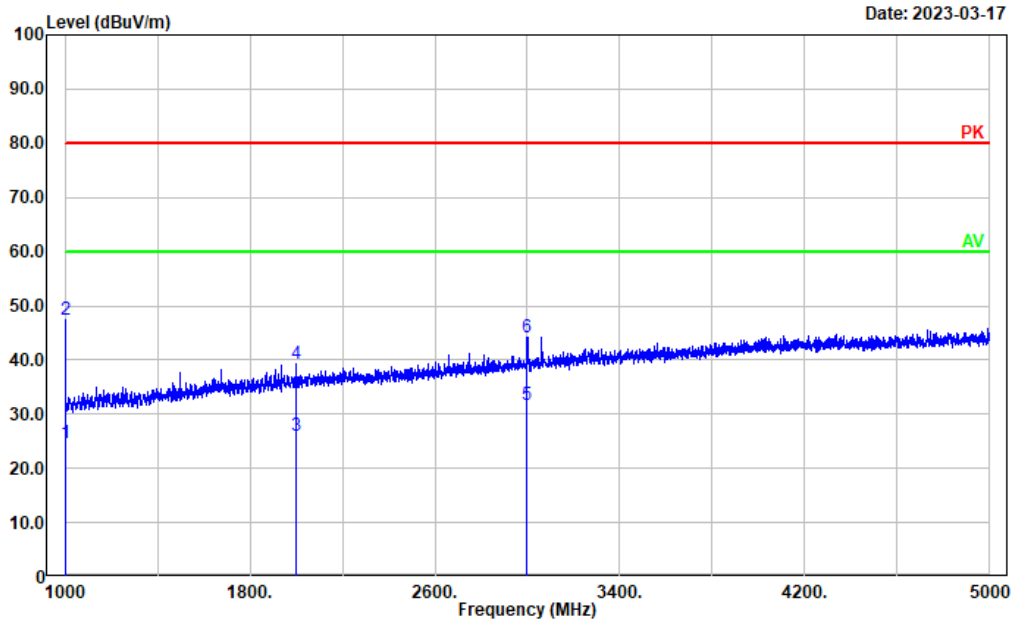
Test Mode: M1 Operation from power #1
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	37.47	-2.72	34.75	60.00	25.25	Average
2	1000.000	50.95	-2.72	48.23	80.00	31.77	Peak
3	2687.538	26.38	4.65	31.03	60.00	28.97	Average
4	2687.538	39.08	4.65	43.73	80.00	36.27	Peak
5	3000.400	25.64	6.10	31.74	60.00	28.26	Average
6	3000.400	38.42	6.10	44.52	80.00	35.48	Peak

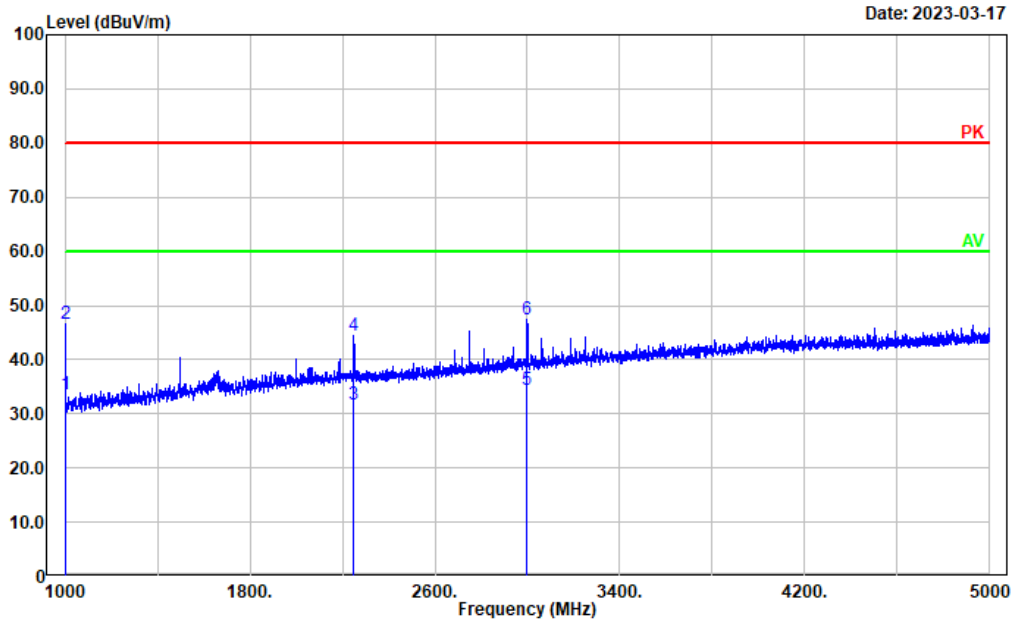
M2:

Test Mode: M2 Operation from power #2
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	27.34	-2.72	24.62	60.00	35.38	Average
2	1000.000	50.25	-2.72	47.53	80.00	32.47	Peak
3	2000.200	23.64	2.32	25.96	60.00	34.04	Average
4	2000.200	36.89	2.32	39.21	80.00	40.79	Peak
5	2999.600	25.67	6.10	31.77	60.00	28.23	Average
6	2999.600	38.11	6.10	44.21	80.00	35.79	Peak

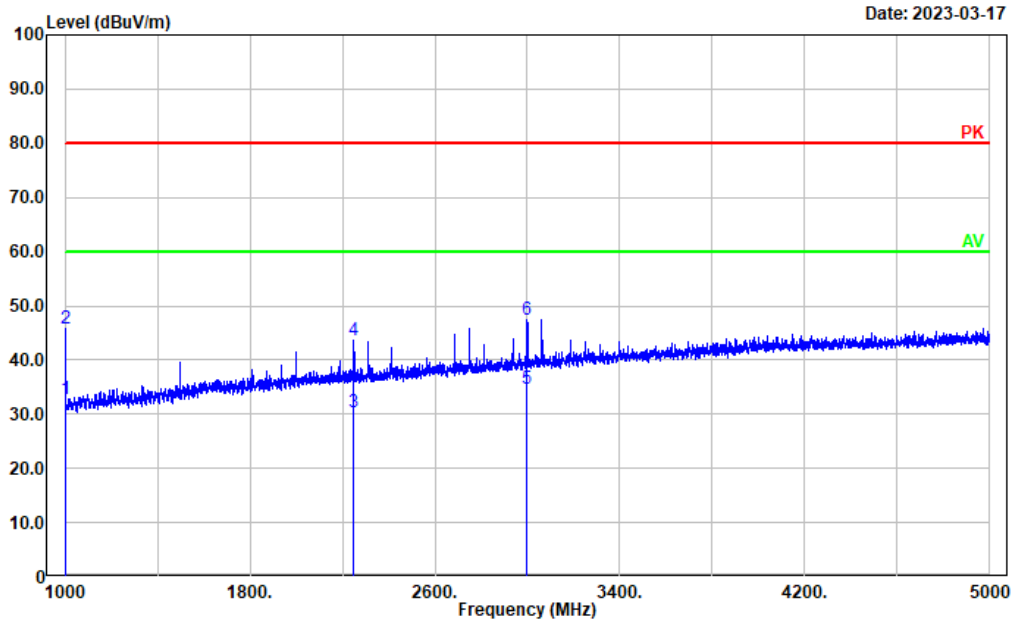
Test Mode: M2 Operation from power #2
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	36.45	-2.72	33.73	60.00	26.27	Average
2	1000.000	49.22	-2.72	46.50	80.00	33.50	Peak
3	2249.850	28.64	3.05	31.69	60.00	28.31	Average
4	2249.850	41.37	3.05	44.42	80.00	35.58	Peak
5	2999.600	28.34	6.10	34.44	60.00	25.56	Average
6	2999.600	41.29	6.10	47.39	80.00	32.61	Peak

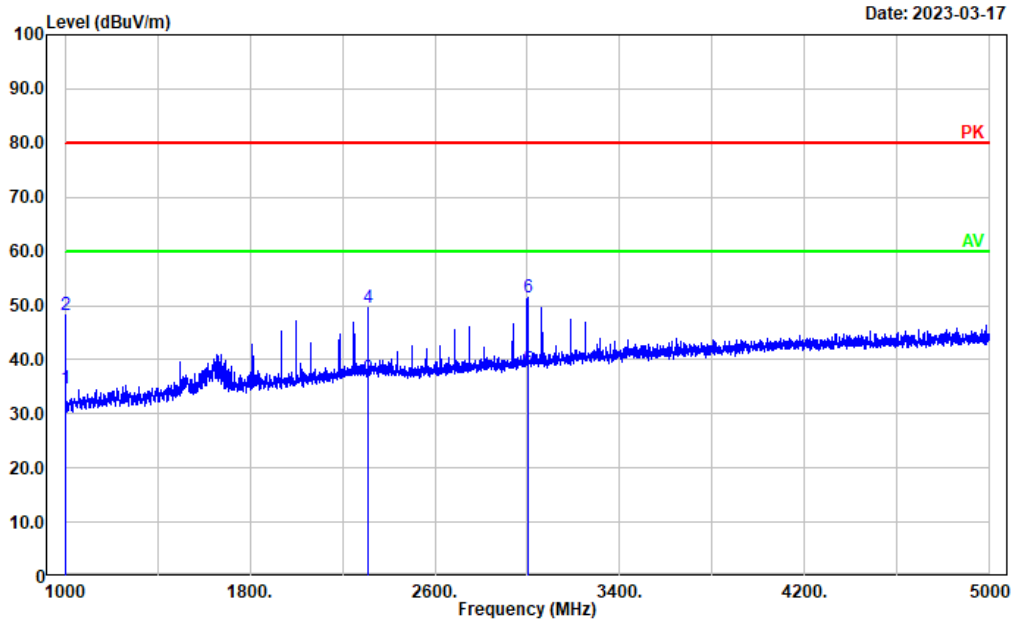
M3:

Test Mode: M3 Operation from power #3
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	35.64	-2.72	32.92	60.00	27.08	Average
2	1000.000	48.58	-2.72	45.86	80.00	34.14	Peak
3	2249.850	27.34	3.05	30.39	60.00	29.61	Average
4	2249.850	40.50	3.05	43.55	80.00	36.45	Peak
5	2999.600	28.64	6.10	34.74	60.00	25.26	Average
6	2999.600	41.44	6.10	47.54	80.00	32.46	Peak

Test Mode: M3 Operation from power #3
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1000.000	37.45	-2.72	34.73	60.00	25.27	Average
2	1000.000	50.93	-2.72	48.21	80.00	31.79	Peak
3	2312.262	33.45	3.17	36.62	60.00	23.38	Average
4	2312.262	46.39	3.17	49.56	80.00	30.44	Peak
5	3000.400	32.15	6.10	38.25	60.00	21.75	Average
6	3000.400	45.29	6.10	51.39	80.00	28.61	Peak

*****END OF REPORT*****