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

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

TEST REPORT

Applicant: **AKUVOX (XIAMEN) NETWORKS CO., LTD.**

Address: 10/F, No.56, Software Park II , Xiamen, China

FCC ID: **2AHCR-E16CV1**

Product Name: **Door Phone/Access Control Terminal**

Model Number: **E16C,A05C**

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

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

Report Number: **CR21110093-00B**

Date Of Issue: **2022-04-02**

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

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Door Phone/Access Control Terminal
EUT Model:	E16C
Multiple Model:	A05C
Highest Operation Frequency:	2480 MHz
Rated Input Voltage:	DC 12V from adapter or 48V from POE
Serial Number:	CR21110093-RF-S1(E16C) CR21110093-RF-S1(A05C)
EUT Received Date:	2021.11.29
EUT Received Status:	Good
Note: The Multiple models are electrically electrically identical with Test model, please refer to the declaration letter for more detail, which was provided by manufacturer.	

Accessory Information:

No.

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: operating
Equipment Modifications:	No
EUT Exercise Software:	No

1.2.2 Support Equipment List and Details

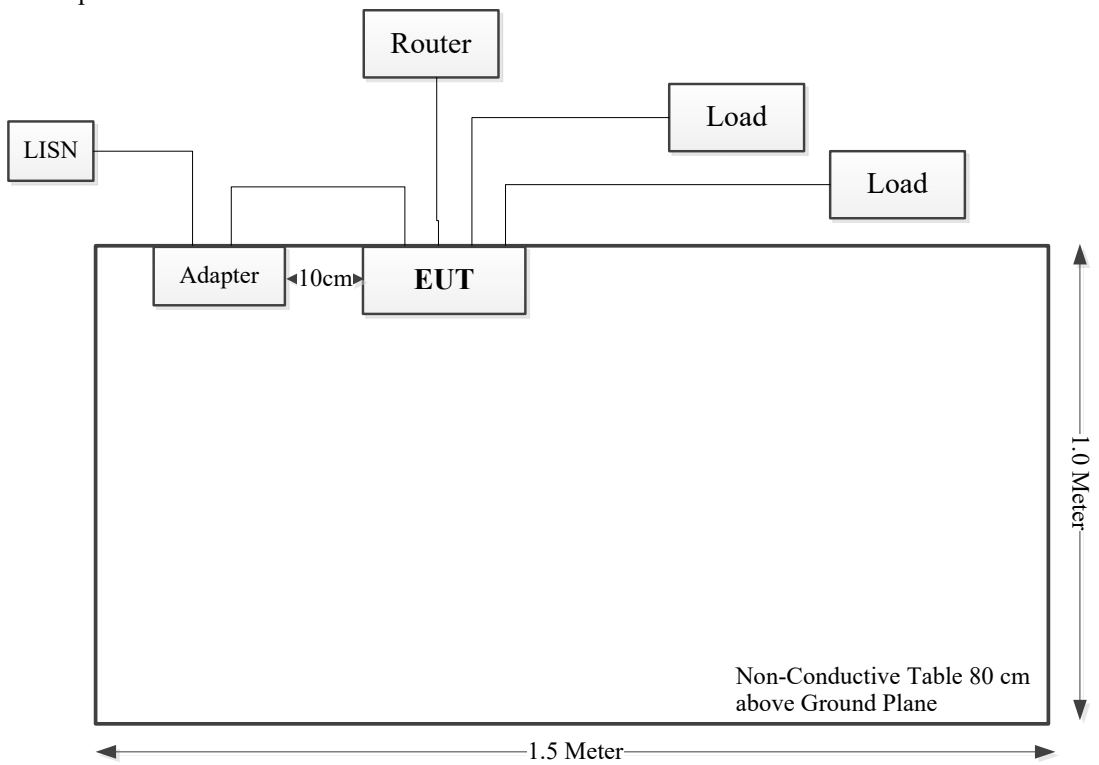
Manufacturer	Description	Model	Serial Number
GOSPELL DIGITAL TECHNOLOGY CO.,LTD	POE	G0720-480-050	2014-0002925
ORIENTAL HERO ELE.FTY	Adapter	OH-1015A1201000U3-UL	96DG E230964
Unknown	Load	Unknown	Load1
Unknown	Load	Unknown	Load2
TOTOLINK	Wireless Router	LR1200	LR1200155P00167

1.2.3 Support Cable List and Details

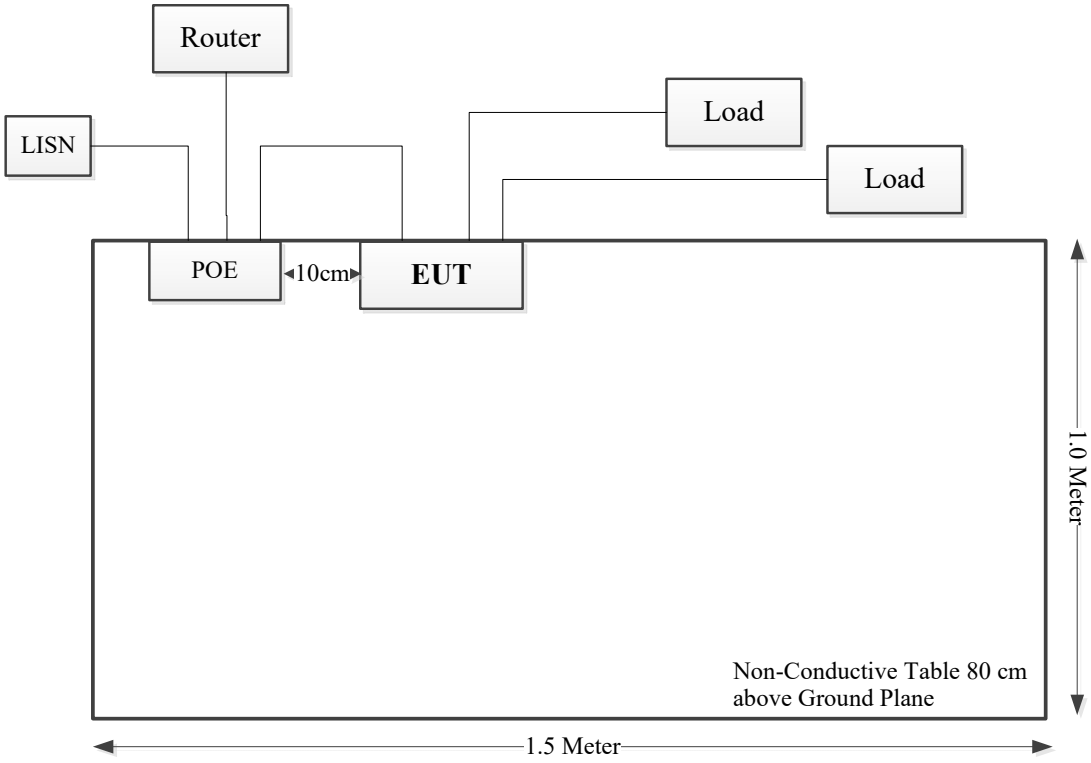
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	No	No	3	POE	Router
RJ45 Cable	No	No	1	EUT	POE
RJ45 Cable	No	No	3	EUT	Router
Power Cable	No	Yes	1.2	EUT	Adapter
Power Cable	No	No	1.2	POE	LISN
Cable	No	No	3	EUT	Load
Cable	No	No	3	EUT	Load

1.2.4 Block Diagram of Test Setup

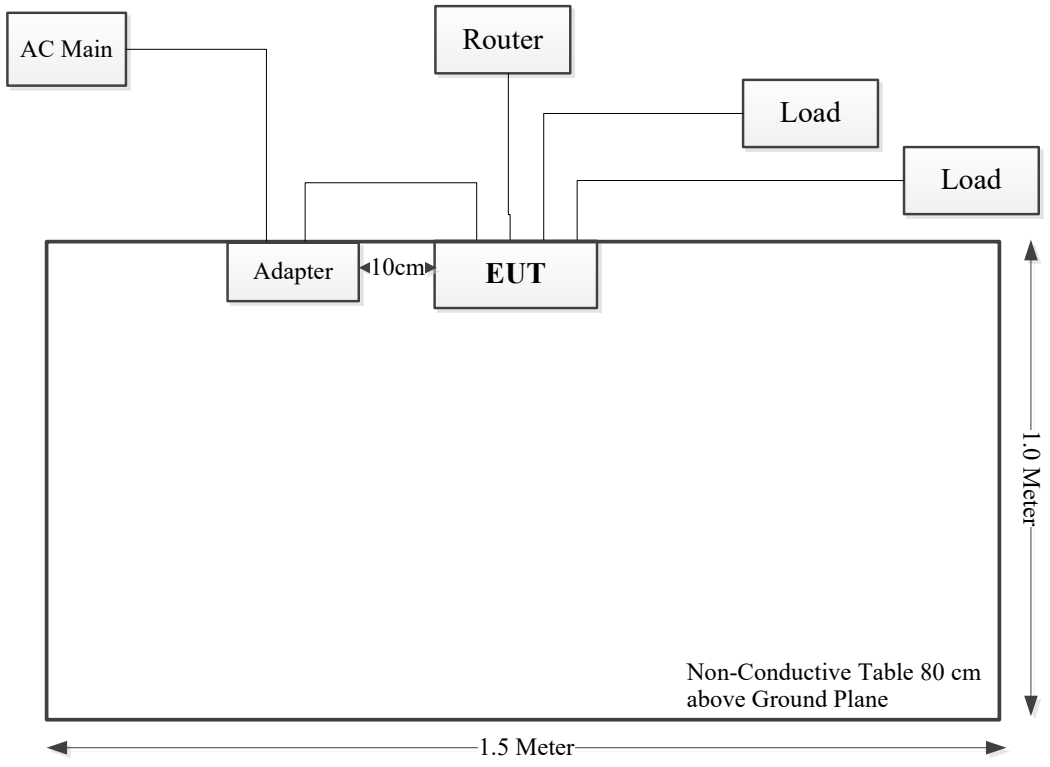
AC line conducted emissions:
AC/DC Adapter Mode:



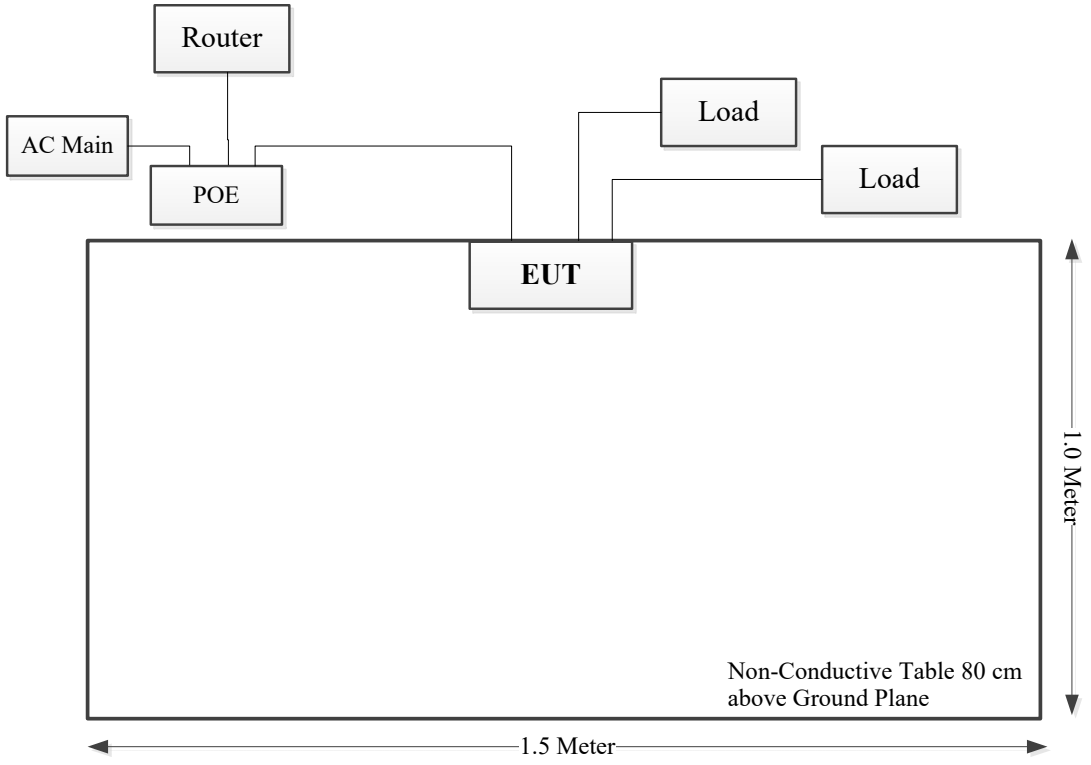
POE Adapter Mode:



Radiated Emission:
AC/DC Adapter Mode:



POE Adapter Mode:



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)

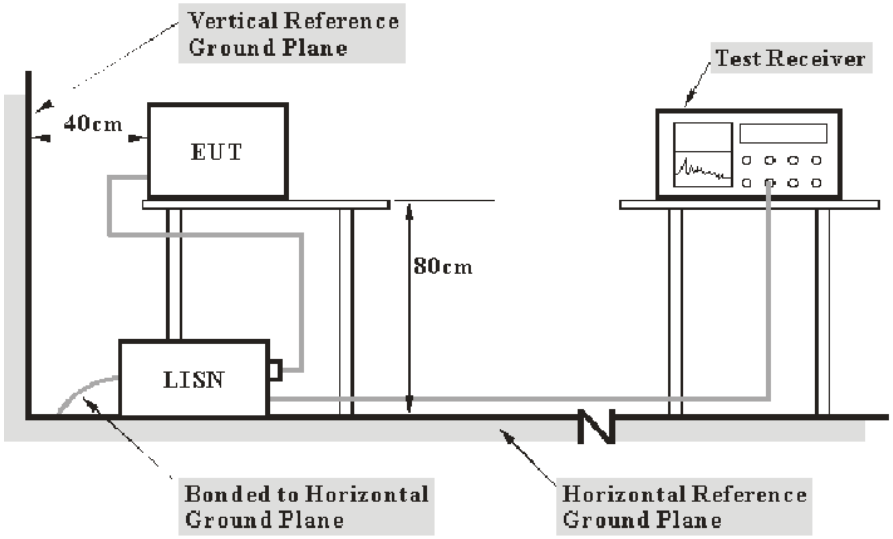
2. SUMMARY OF TEST RESULTS

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

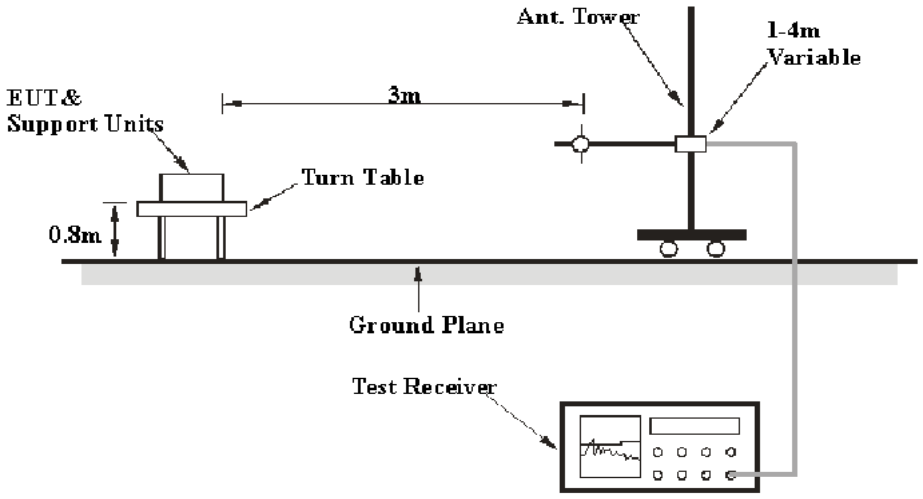
The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

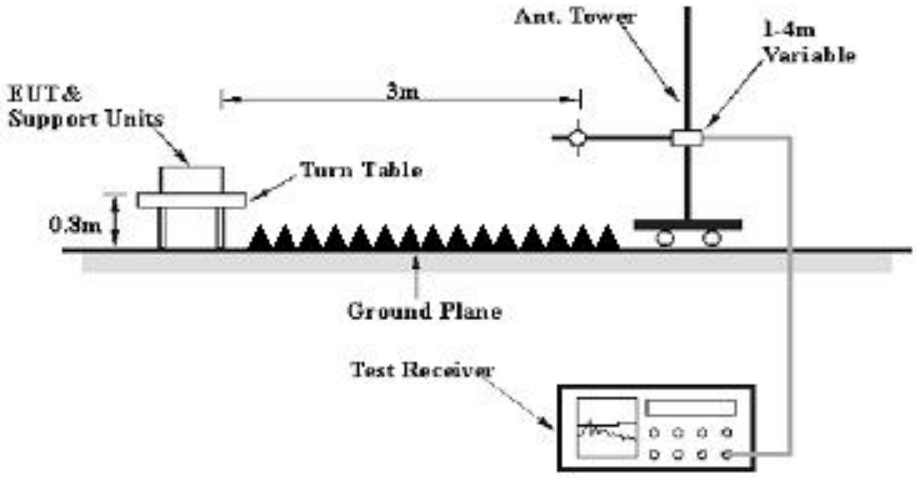
3.2 Radiation Spurious Emissions

3.2.1 EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission 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 EMI Test Receiver Setup

The system was investigated from 30 MHz to 13 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:	CR21110093-RF-S1(E16C) CR21110093-RF-S1(A05C)	Test Date:	2021-12-17~2022-03-23
Test Site:	CE	Test Mode:	operating
Tester:	Nick Tang	Test Result:	Pass

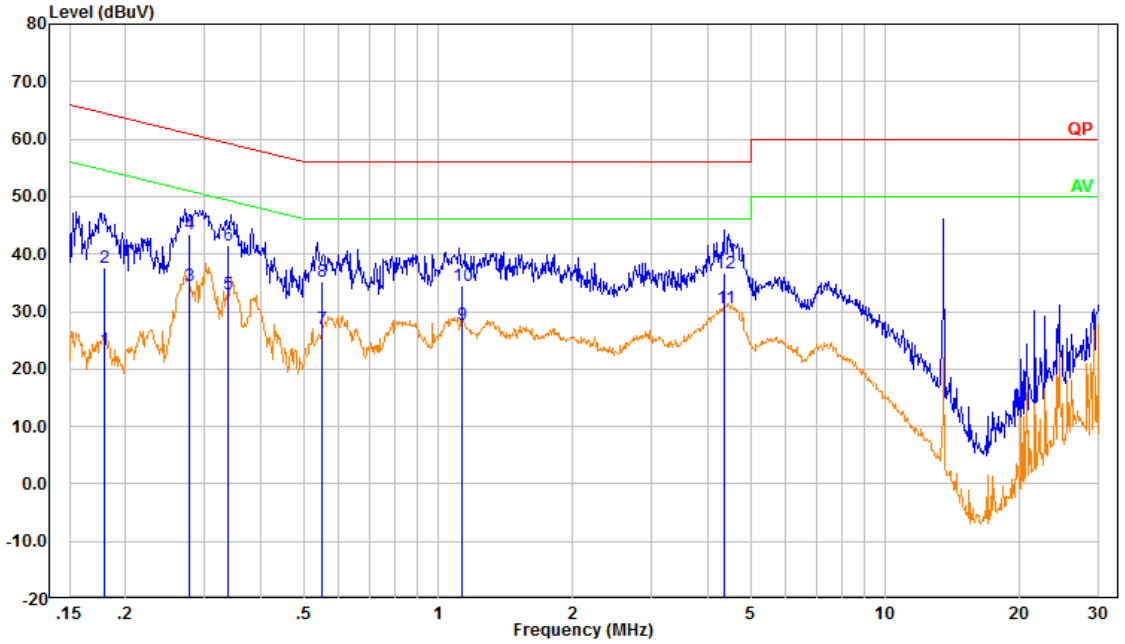
Environmental Conditions:					
Temperature: (℃)	22.5~23.1	Relative Humidity: (%)	61~69	ATM Pressure: (kPa)	101.1~101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2021-04-25	2022-04-24
R&S	LISN	ENV216	101132	2021-04-25	2022-04-24
R&S	EMI Test Receiver	ESR3	102726	2021-07-22	2022-07-21
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2021-08-08	2022-08-07
Audix	Test Software	E3	190306 (V9)	N/A	N/A

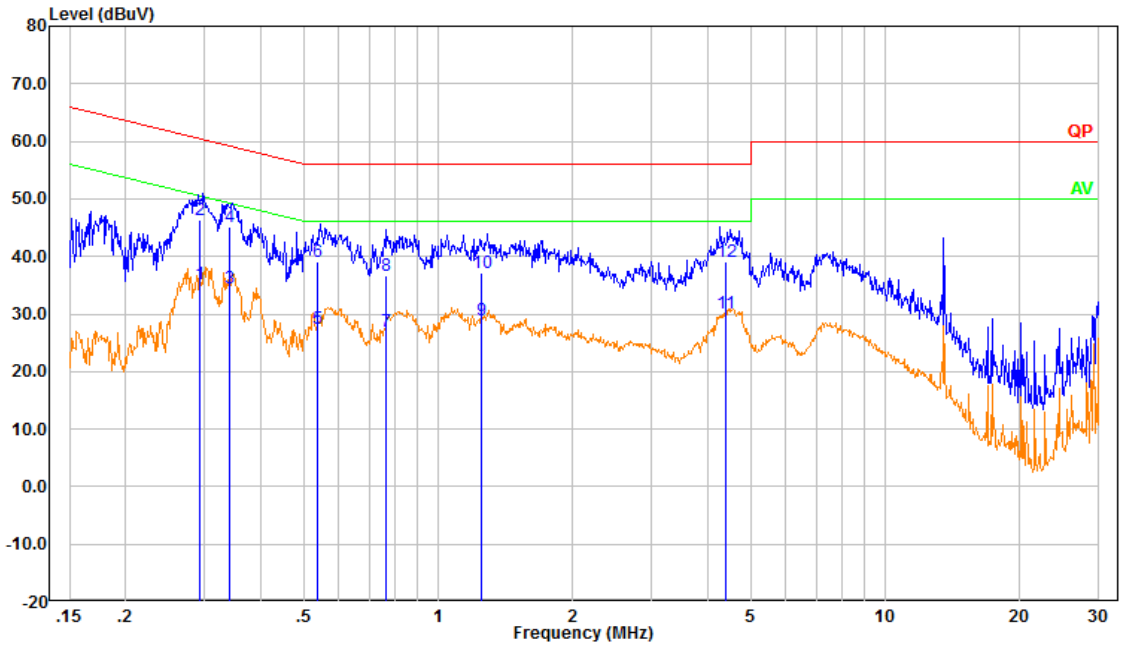
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

E16C:
AC/DC Adapter Mode:
Line:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.179	13.76	9.61	23.37	54.52	31.15	Average
2	0.179	28.13	9.61	37.74	64.52	26.78	QP
3	0.278	24.95	9.61	34.56	50.87	16.31	Average
4	0.278	33.92	9.61	43.53	60.87	17.34	QP
5	0.338	23.47	9.61	33.08	49.25	16.17	Average
6	0.338	31.88	9.61	41.49	59.25	17.76	QP
7	0.549	17.30	9.61	26.92	46.00	19.08	Average
8	0.549	25.70	9.61	35.31	56.00	20.69	QP
9	1.128	18.15	9.62	27.77	46.00	18.23	Average
10	1.128	24.93	9.62	34.55	56.00	21.45	QP
11	4.378	21.01	9.65	30.66	46.00	15.34	Average
12	4.378	27.00	9.65	36.65	56.00	19.35	QP

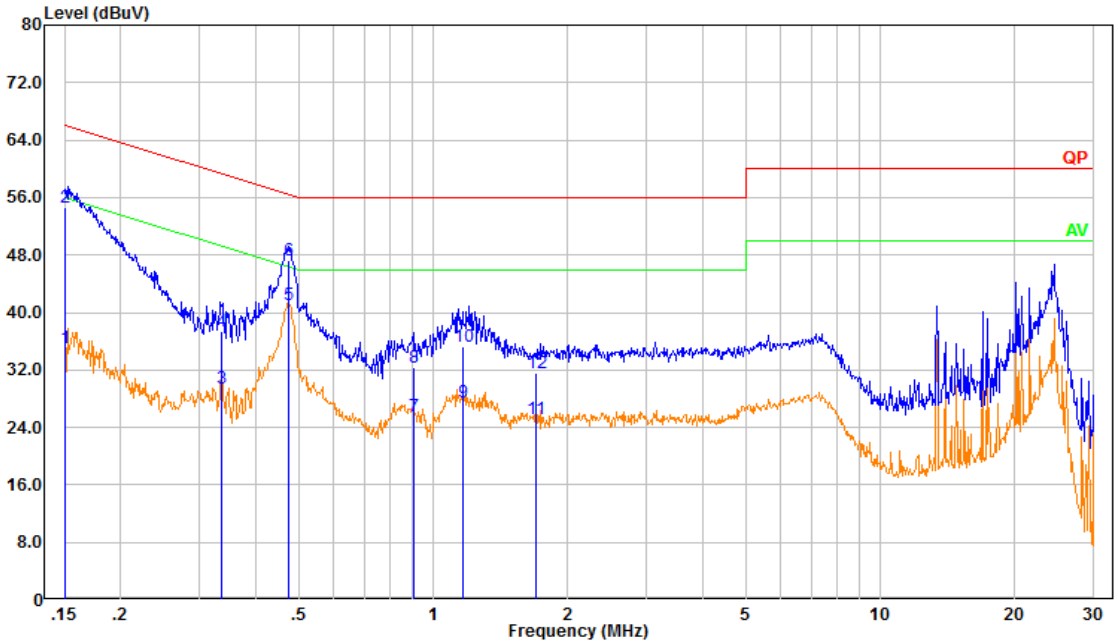
Neutral:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.292	25.58	9.61	35.19	50.45	15.26	Average
2	0.292	36.80	9.61	46.41	60.45	14.04	QP
3	0.340	24.97	9.61	34.58	49.19	14.61	Average
4	0.340	35.46	9.61	45.07	59.19	14.12	QP
5	0.536	17.87	9.61	27.48	46.00	18.52	Average
6	0.536	29.54	9.61	39.15	56.00	16.85	QP
7	0.763	17.41	9.62	27.03	46.00	18.97	Average
8	0.763	26.98	9.62	36.60	56.00	19.40	QP
9	1.253	19.23	9.62	28.85	46.00	17.15	Average
10	1.253	27.48	9.62	37.11	56.00	18.89	QP
11	4.393	20.35	9.65	30.01	46.00	15.99	Average
12	4.393	29.49	9.65	39.15	56.00	16.85	QP

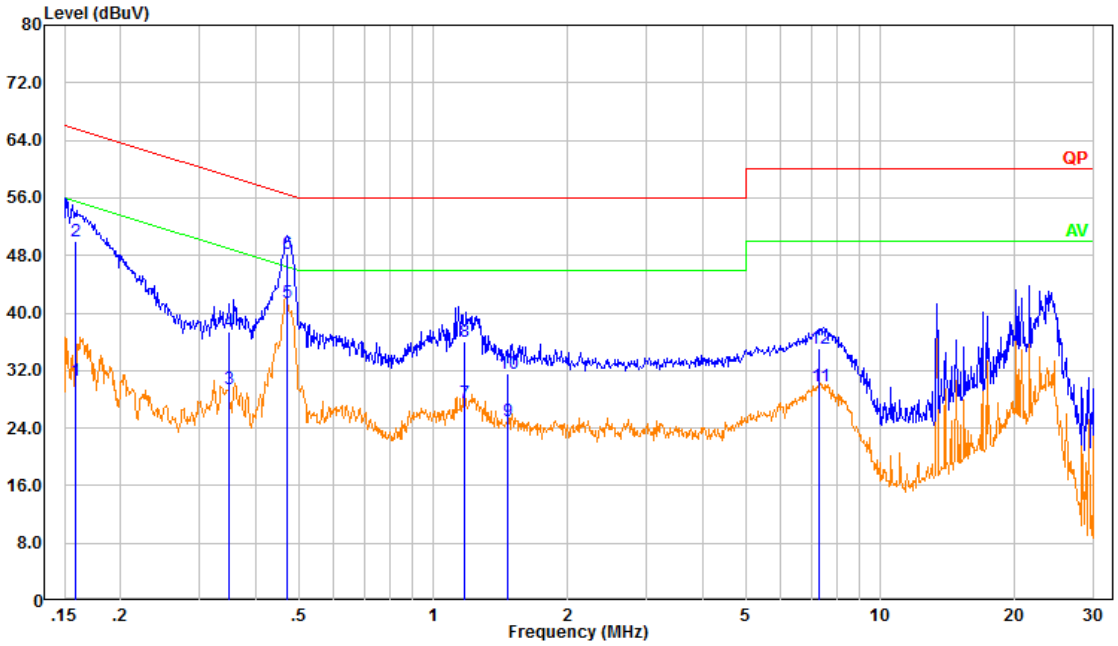
POE Adapter Mode:

Line:



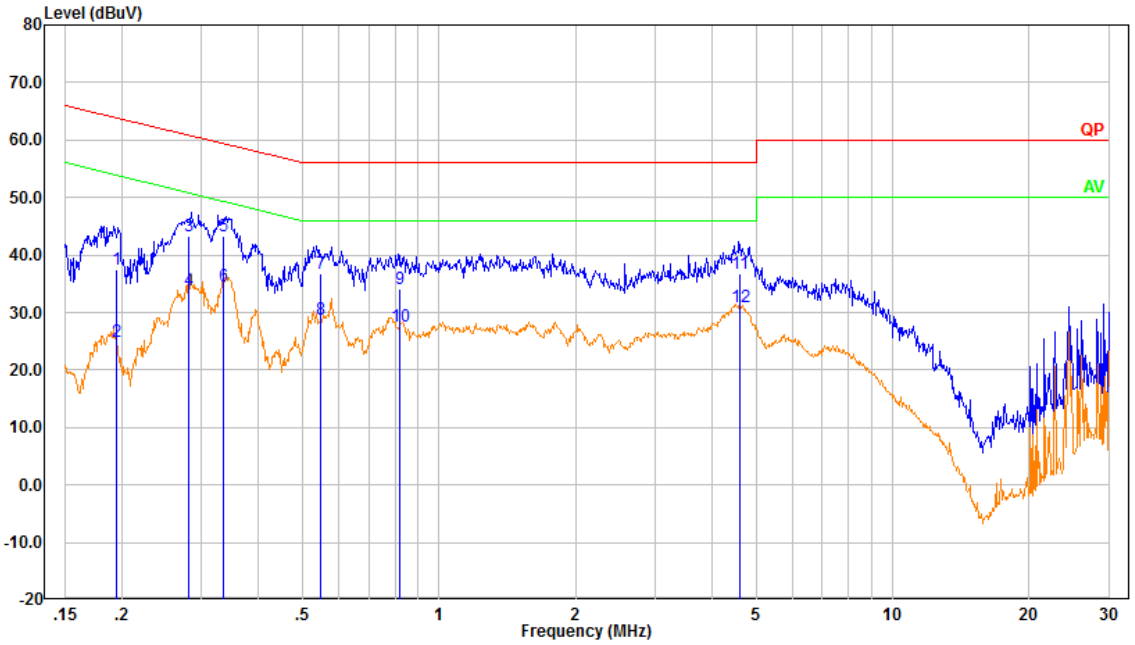
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.152	22.50	9.61	32.11	55.90	23.79	Average
2	0.152	42.24	9.61	51.85	65.90	14.05	QP
3	0.346	19.71	9.61	29.32	49.06	19.74	Average
4	0.346	26.51	9.61	36.12	59.06	22.94	QP
5	0.473	32.10	9.61	41.71	46.46	4.75	Average
6	0.473	39.09	9.61	48.70	56.46	7.76	QP
7	0.645	17.27	9.62	26.89	46.00	19.11	Average
8	0.645	23.62	9.62	33.24	56.00	22.76	QP
9	1.181	19.38	9.62	29.00	46.00	17.00	Average
10	1.181	26.91	9.62	36.53	56.00	19.47	QP
11	1.446	16.26	9.62	25.88	46.00	20.12	Average
12	1.446	22.90	9.62	32.53	56.00	23.47	QP

Neutral:



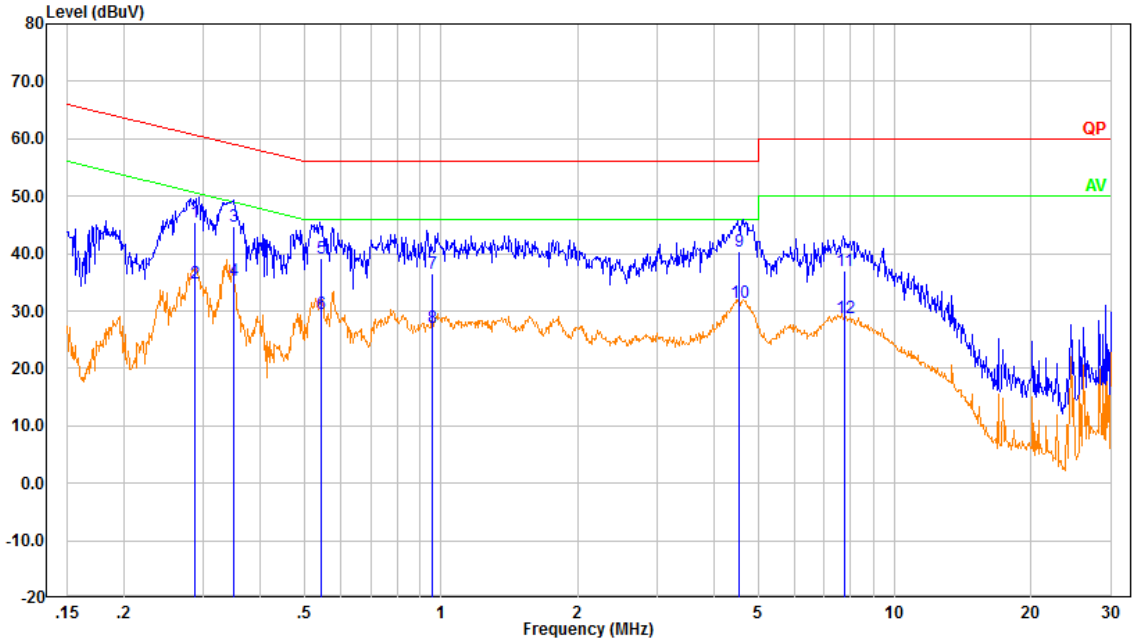
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.158	20.93	9.61	30.54	55.56	25.02	Average
2	0.158	40.28	9.61	49.89	65.56	15.67	QP
3	0.349	19.78	9.61	29.39	48.99	19.60	Average
4	0.349	27.74	9.61	37.35	58.99	21.64	QP
5	0.472	31.92	9.61	41.53	46.47	4.94	Average
6	0.472	38.69	9.61	48.30	56.47	8.17	QP
7	1.171	17.91	9.62	27.53	46.00	18.47	Average
8	1.171	26.40	9.62	36.02	56.00	19.98	QP
9	1.468	15.32	9.62	24.95	46.00	21.05	Average
10	1.468	22.04	9.62	31.66	56.00	24.34	QP
11	7.318	20.14	9.66	29.80	50.00	20.20	Average
12	7.318	25.33	9.66	35.00	60.00	25.00	QP

A05C:
AC/DC Adapter Mode:
Line:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.194	27.84	9.61	37.45	63.86	26.41	QP
2	0.194	15.37	9.61	24.98	53.86	28.88	Average
3	0.281	33.70	9.61	43.31	60.77	17.46	QP
4	0.281	24.33	9.61	33.94	50.77	16.83	Average
5	0.334	33.71	9.61	43.32	59.35	16.03	QP
6	0.334	25.07	9.61	34.68	49.35	14.67	Average
7	0.547	27.17	9.61	36.78	56.00	19.22	QP
8	0.547	19.16	9.61	28.78	46.00	17.22	Average
9	0.819	24.43	9.62	34.05	56.00	21.95	QP
10	0.819	18.01	9.62	27.63	46.00	18.37	Average
11	4.598	27.06	9.66	36.72	56.00	19.28	QP
12	4.598	21.35	9.66	31.00	46.00	15.00	Average

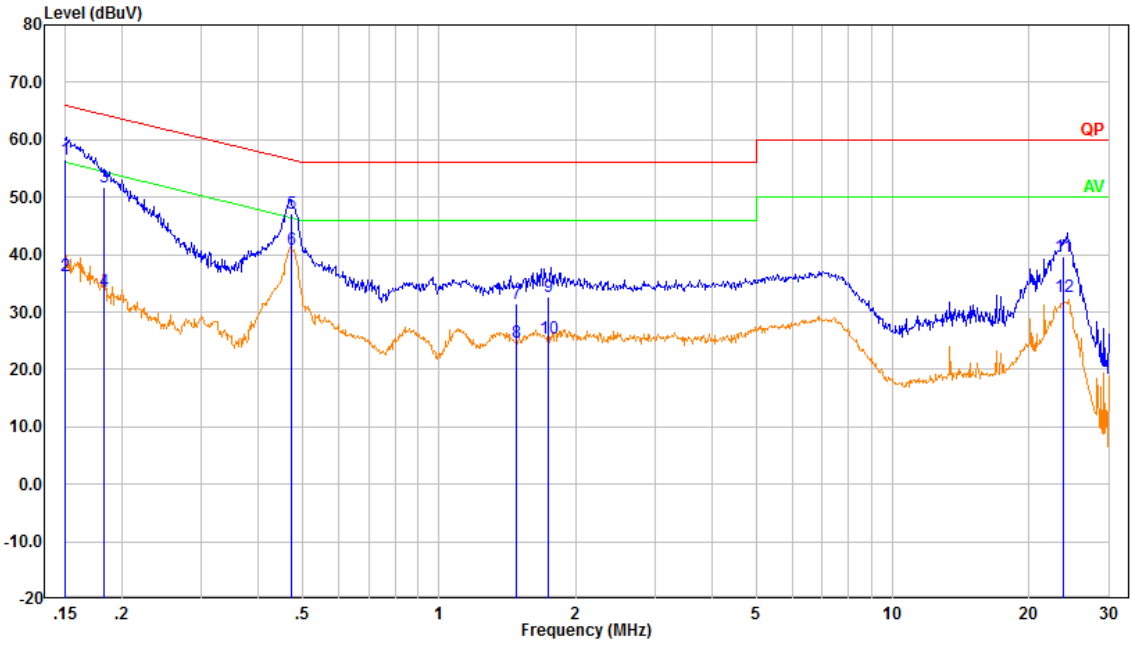
Neutral:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.286	35.86	9.61	45.47	60.63	15.16	QP
2	0.286	25.15	9.61	34.76	50.63	15.87	Average
3	0.350	35.14	9.61	44.75	58.97	14.22	QP
4	0.350	25.67	9.61	35.28	48.97	13.69	Average
5	0.544	29.51	9.61	39.13	56.00	16.87	QP
6	0.544	19.84	9.61	29.46	46.00	16.54	Average
7	0.957	26.84	9.62	36.46	56.00	19.54	QP
8	0.957	17.51	9.62	27.13	46.00	18.87	Average
9	4.531	30.85	9.66	40.50	56.00	15.50	QP
10	4.531	21.86	9.66	31.51	46.00	14.49	Average
11	7.737	27.41	9.67	37.08	60.00	22.92	QP
12	7.737	19.17	9.67	28.84	50.00	21.16	Average

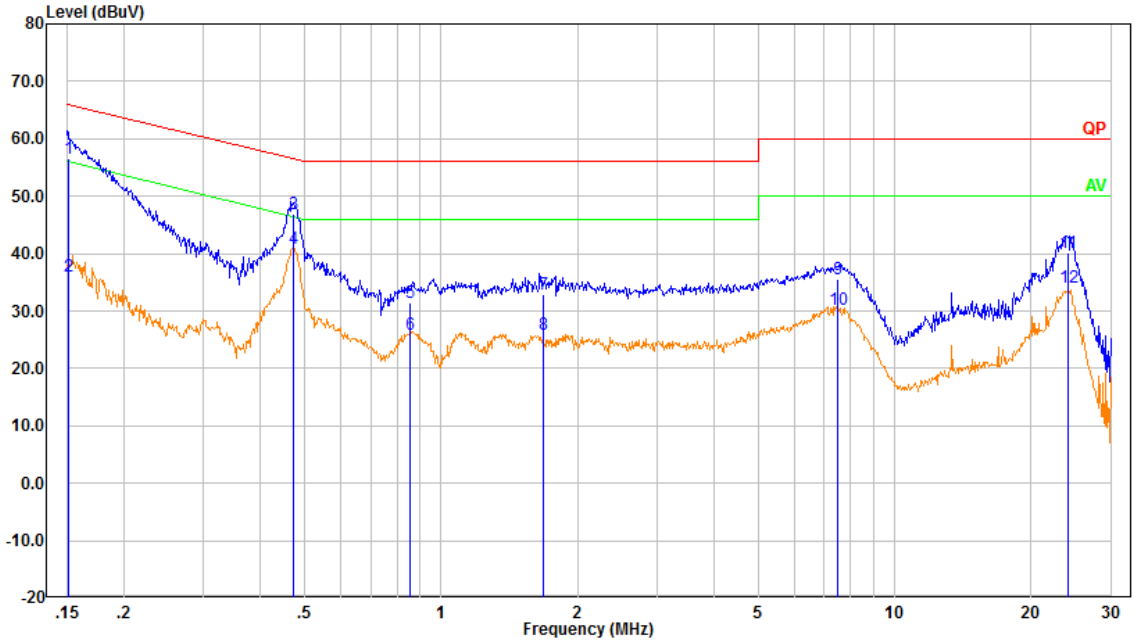
POE Adapter Mode:

Line:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.150	46.96	9.61	56.57	65.99	9.42	QP
2	0.150	26.56	9.61	36.17	55.99	19.82	Average
3	0.182	42.06	9.61	51.67	64.38	12.71	QP
4	0.182	24.01	9.61	33.62	54.38	20.76	Average
5	0.472	37.46	9.61	47.07	56.47	9.40	QP
6	0.472	31.30	9.61	40.91	46.47	5.56	Average
7	1.483	21.90	9.62	31.52	56.00	24.48	QP
8	1.483	14.96	9.62	24.59	46.00	21.41	Average
9	1.745	23.07	9.63	32.70	56.00	23.30	QP
10	1.745	15.87	9.63	25.50	46.00	20.50	Average
11	23.741	29.79	9.81	39.60	60.00	20.40	QP
12	23.741	22.81	9.81	32.62	50.00	17.38	Average

Neutral:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.151	46.87	9.61	56.48	65.93	9.45	QP
2	0.151	26.38	9.61	35.99	55.93	19.94	Average
3	0.473	37.40	9.61	47.01	56.47	9.46	QP
4	0.473	31.20	9.61	40.81	46.47	5.66	Average
5	0.853	21.79	9.62	31.41	56.00	24.59	QP
6	0.853	16.25	9.62	25.87	46.00	20.13	Average
7	1.685	23.16	9.63	32.78	56.00	23.22	QP
8	1.685	16.19	9.63	25.82	46.00	20.18	Average
9	7.473	25.82	9.66	35.49	60.00	24.51	QP
10	7.473	20.65	9.66	30.32	50.00	19.68	Average
11	24.105	30.33	9.75	40.08	60.00	19.92	QP
12	24.105	24.32	9.75	34.07	50.00	15.93	Average

4.2 Radiation Spurious Emissions

Serial Number:	CR21110093-RF-S1(E16C) CR21110093-RF-S1(A05C)	Test Date:	2022-12-162022-03-24
Test Site:	966-2,966-1	Test Mode:	operating
Tester:	Great Qiao, Carl Laing	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	18.1~24.2	Relative Humidity: (%)	43~56	ATM Pressure: (kPa)	100.9~101.1

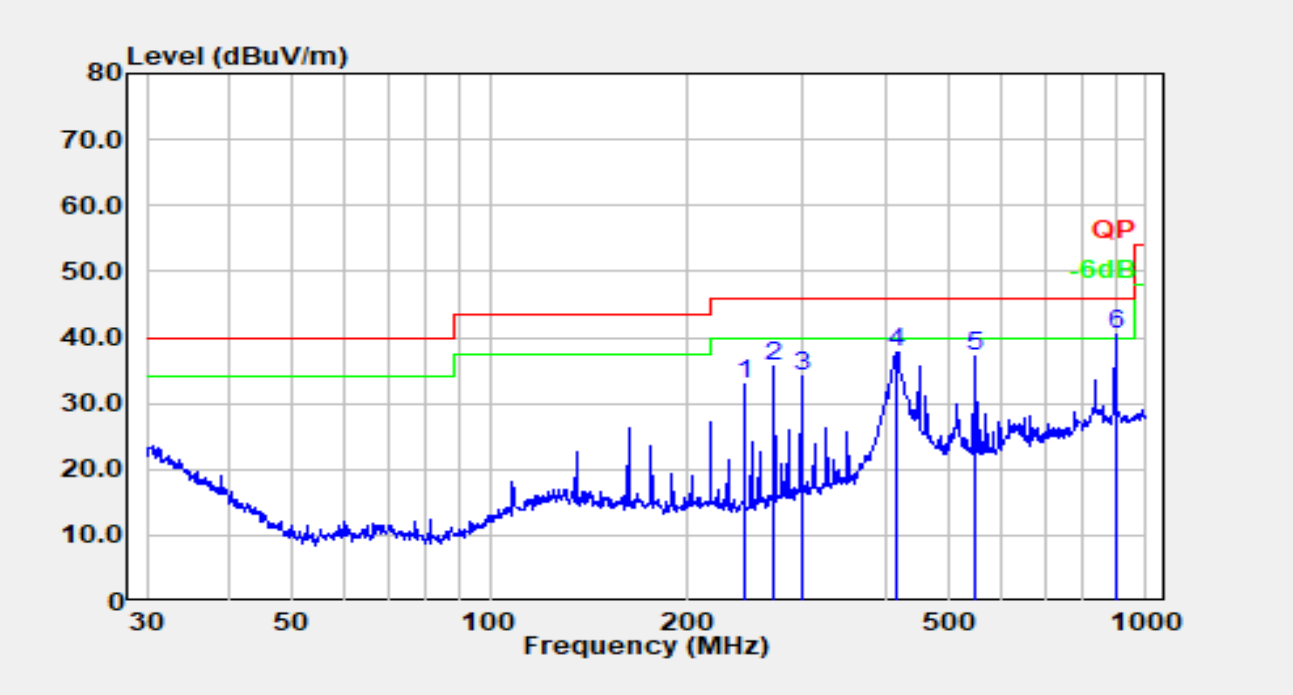
Test Equipment List and Details:

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	2021-07-22	2022-07-21
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2021-07-18	2022-07-17
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2021-07-18	2022-07-17
Sonoma	Amplifier	310N	186165	2021-07-18	2022-07-17
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020-10-13	2023-10-12
R&S	Spectrum Analyzer	FSV40	101591	2021-07-22	2022-07-21
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2021-08-08	2022-08-07
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2021-08-08	2022-08-07
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2021-11-10	2022-11-09
Audix	Test Software	E3	201021 (V9)	N/A	N/A
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2021-08-08	2022-08-07

** 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).*

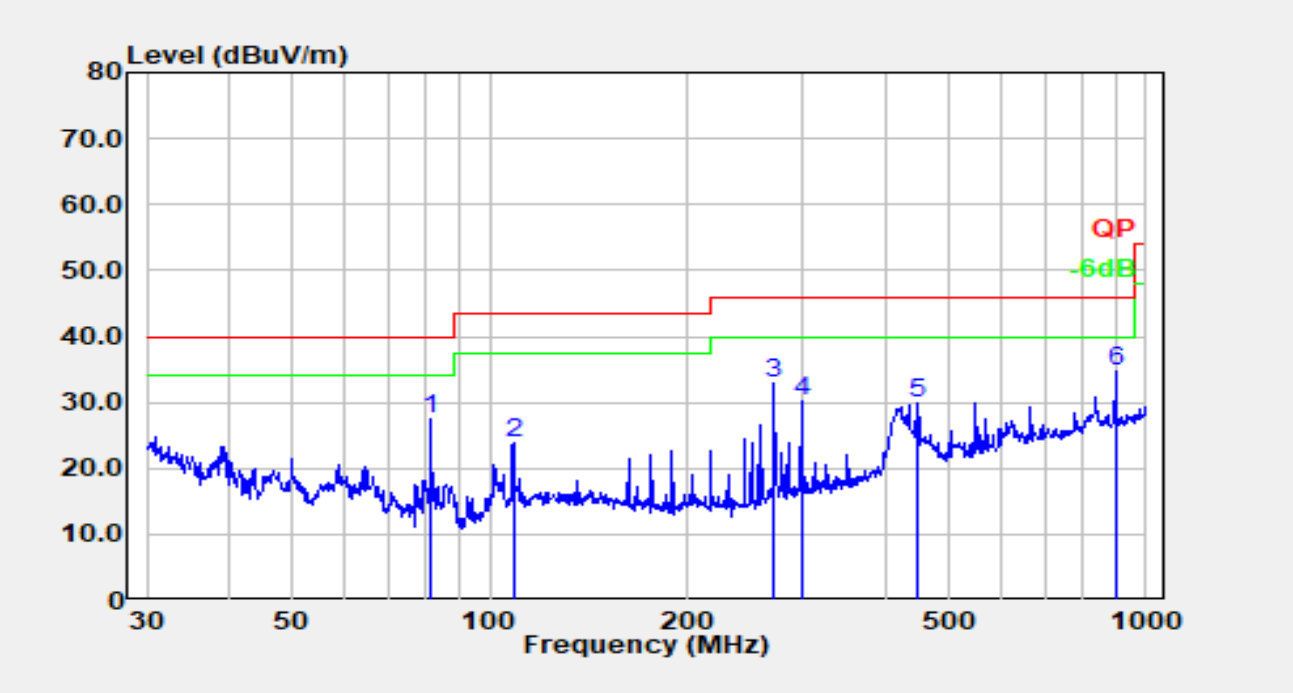
1) 30MHz-1GHz:

E16C:
AC/DC Adapter Mode:
Horizontal:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	244.232	46.01	-13.13	32.88	46.00	13.12	Peak
2	271.325	47.92	-12.24	35.68	46.00	10.32	Peak
3	298.268	44.84	-10.86	33.98	46.00	12.02	Peak
4	414.722	46.20	-8.40	37.80	46.00	8.20	Peak
5	550.948	42.98	-5.98	37.00	46.00	9.00	Peak
6	900.147	41.80	-1.23	40.57	46.00	5.43	QP

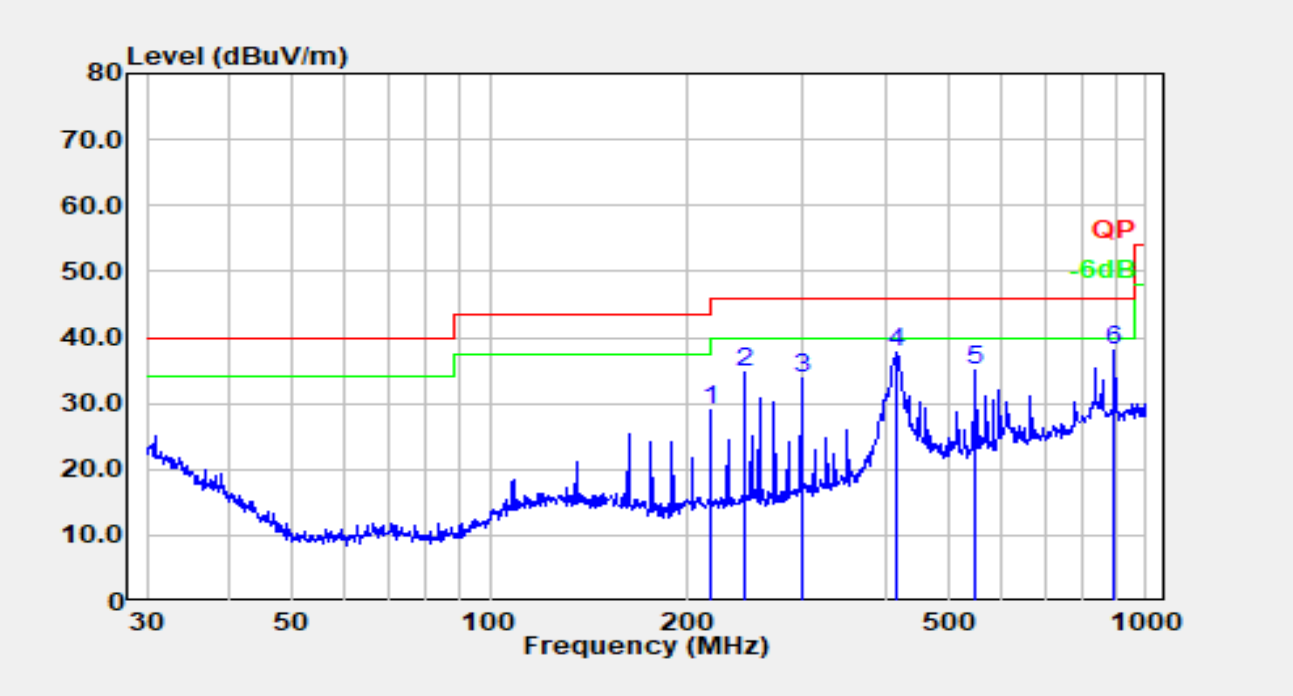
Vertical:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	81.212	45.17	-17.63	27.54	40.00	12.46	Peak
2	108.647	36.80	-12.82	23.98	43.50	19.52	Peak
3	271.325	45.29	-12.24	33.05	46.00	12.95	Peak
4	298.268	40.95	-10.86	30.09	46.00	15.91	Peak
5	446.414	37.06	-7.30	29.76	46.00	16.24	Peak
6	900.147	36.06	-1.23	34.83	46.00	11.17	Peak

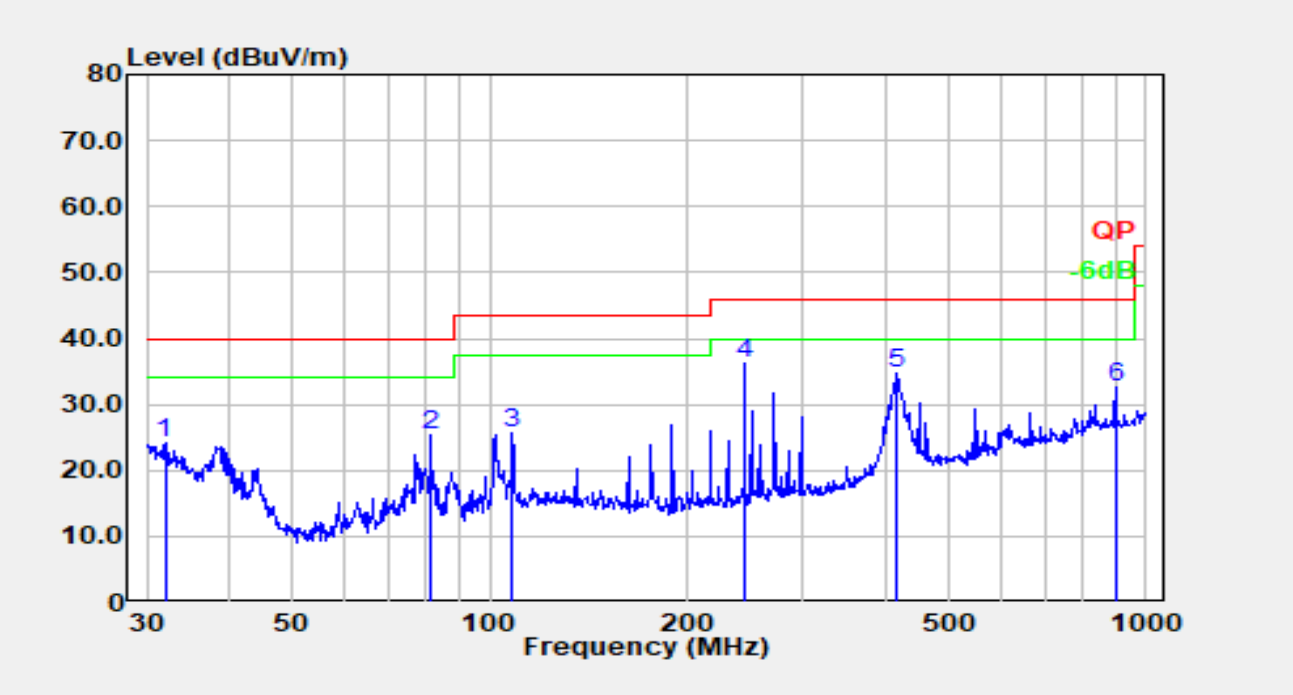
POE Adapter Mode:

Horizontal:



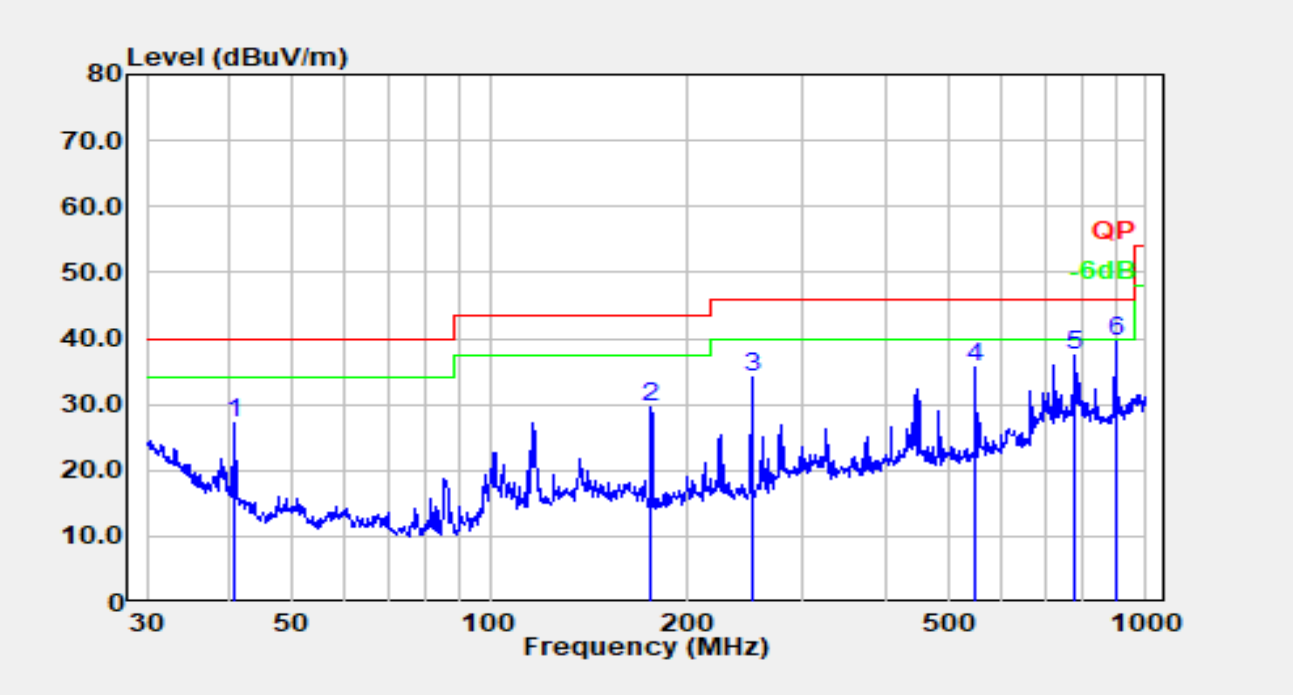
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	216.783	41.77	-12.86	28.91	46.00	17.09	Peak
2	244.232	47.88	-13.13	34.75	46.00	11.25	Peak
3	298.268	44.53	-10.86	33.67	46.00	12.33	Peak
4	417.641	45.93	-8.26	37.67	46.00	8.33	Peak
5	550.948	41.01	-5.98	35.03	46.00	10.97	Peak
6	893.857	39.53	-1.35	38.18	46.00	7.82	Peak

Vertical:



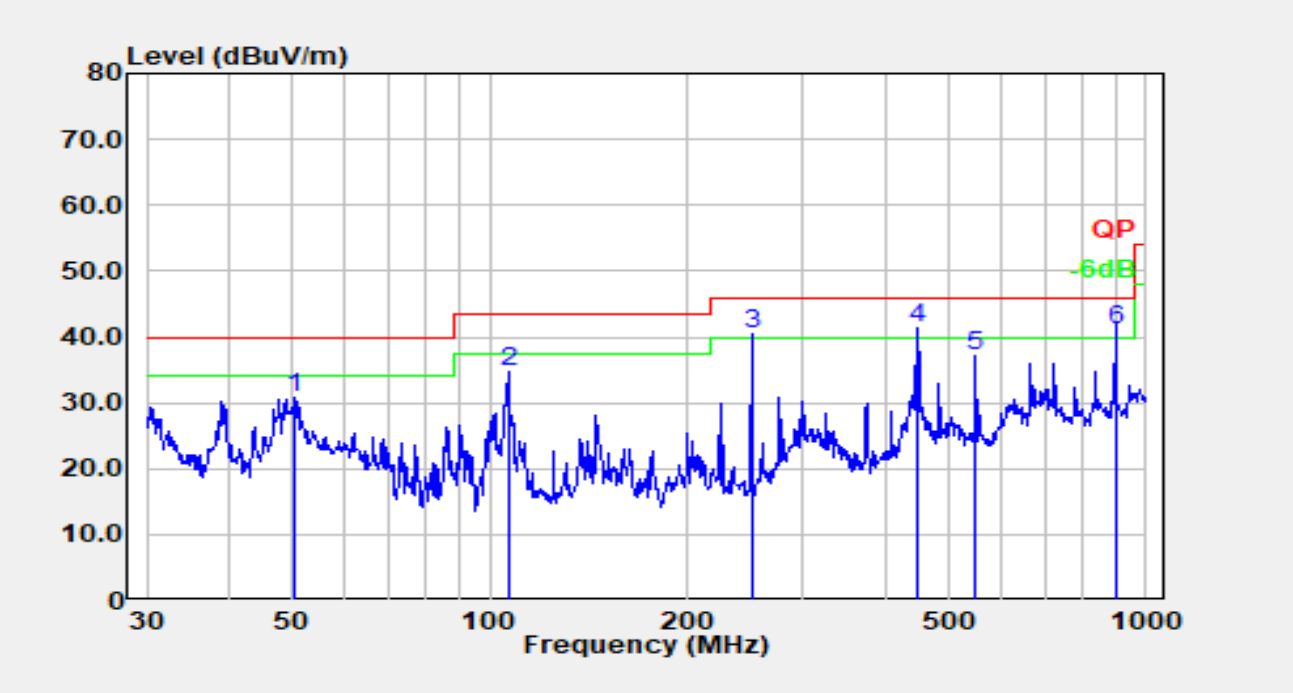
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.955	29.39	-5.29	24.11	40.00	15.89	Peak
2	81.212	43.02	-17.63	25.40	40.00	14.60	Peak
3	108.267	38.52	-12.91	25.61	43.50	17.89	Peak
4	244.232	49.35	-13.13	36.23	46.00	9.77	Peak
5	416.179	42.94	-8.33	34.61	46.00	11.39	Peak
6	900.147	33.85	-1.23	32.63	46.00	13.37	Peak

A05C:
AC/DC Adapter Mode:
Horizontal:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	40.845	39.05	-12.03	27.02	40.00	12.98	Peak
2	175.652	43.08	-13.51	29.57	43.50	13.93	Peak
3	250.301	47.31	-13.25	34.06	46.00	11.94	Peak
4	550.948	41.48	-5.98	35.50	46.00	10.50	Peak
5	779.607	40.08	-2.52	37.55	46.00	8.45	Peak
6	900.147	40.64	-1.23	39.41	46.00	6.59	Peak

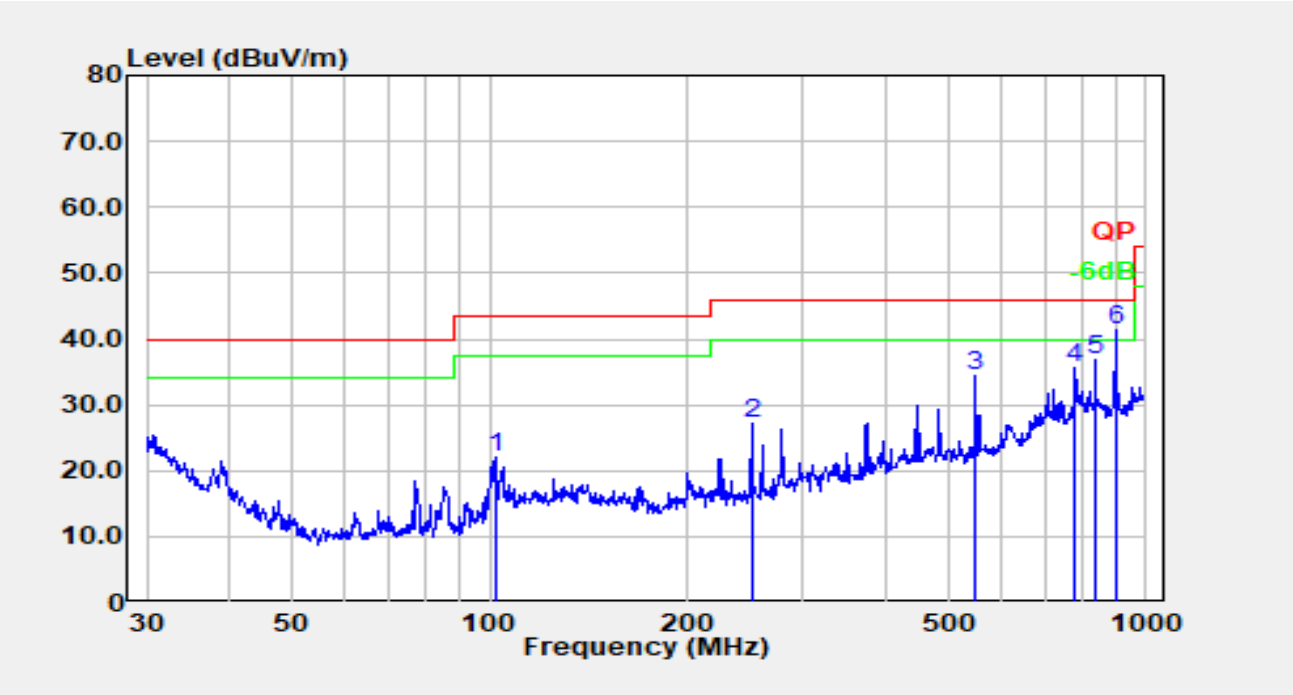
Vertical:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	50.409	48.25	-17.40	30.85	40.00	9.15	Peak
2	106.759	47.95	-13.22	34.72	43.50	8.78	Peak
3	250.301	53.76	-13.25	40.51	46.00	5.49	QP
4	446.414	48.77	-7.30	41.47	46.00	4.53	QP
5	550.948	43.17	-5.98	37.19	46.00	8.81	Peak
6	900.147	42.36	-1.23	41.13	46.00	4.87	QP

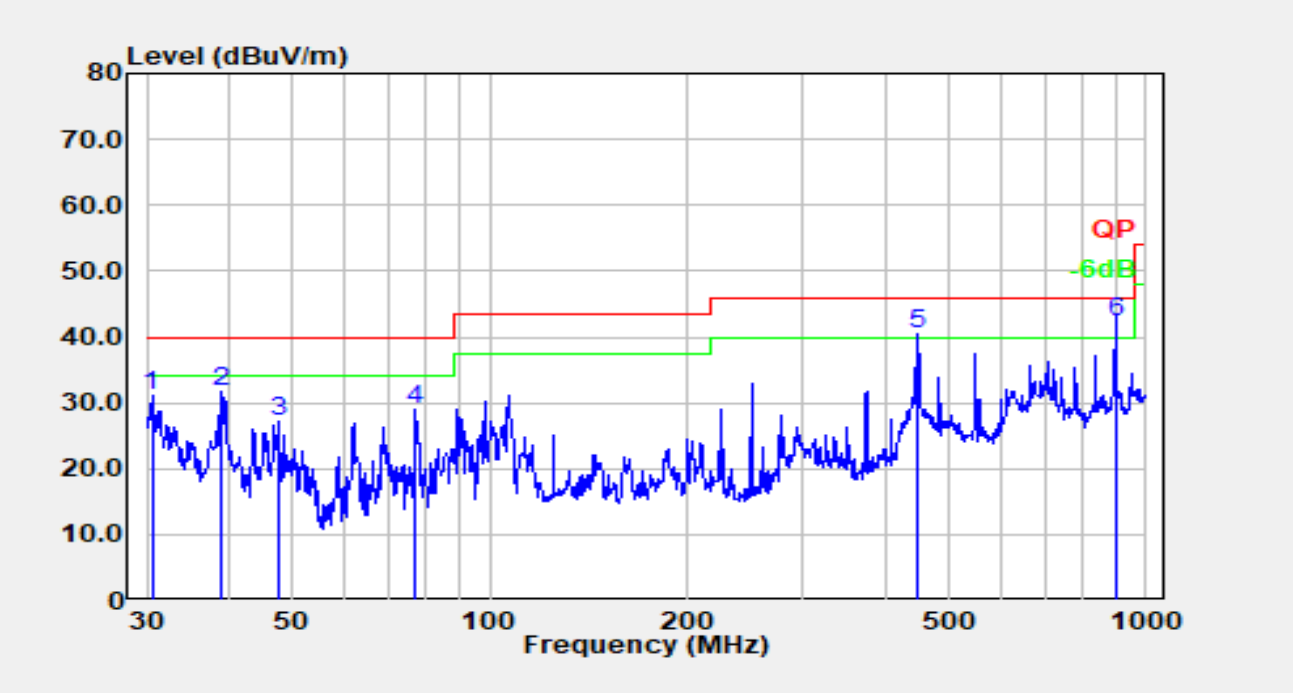
POE Adapter Mode:
:

Horizontal:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	102.001	36.27	-14.22	22.05	43.50	21.45	Peak
2	250.301	40.44	-13.25	27.18	46.00	18.82	Peak
3	550.948	40.46	-5.98	34.47	46.00	11.53	Peak
4	779.607	38.20	-2.52	35.68	46.00	10.32	Peak
5	836.244	38.73	-1.92	36.81	46.00	9.19	Peak
6	900.147	42.46	-1.23	41.23	46.00	4.77	QP

Vertical:

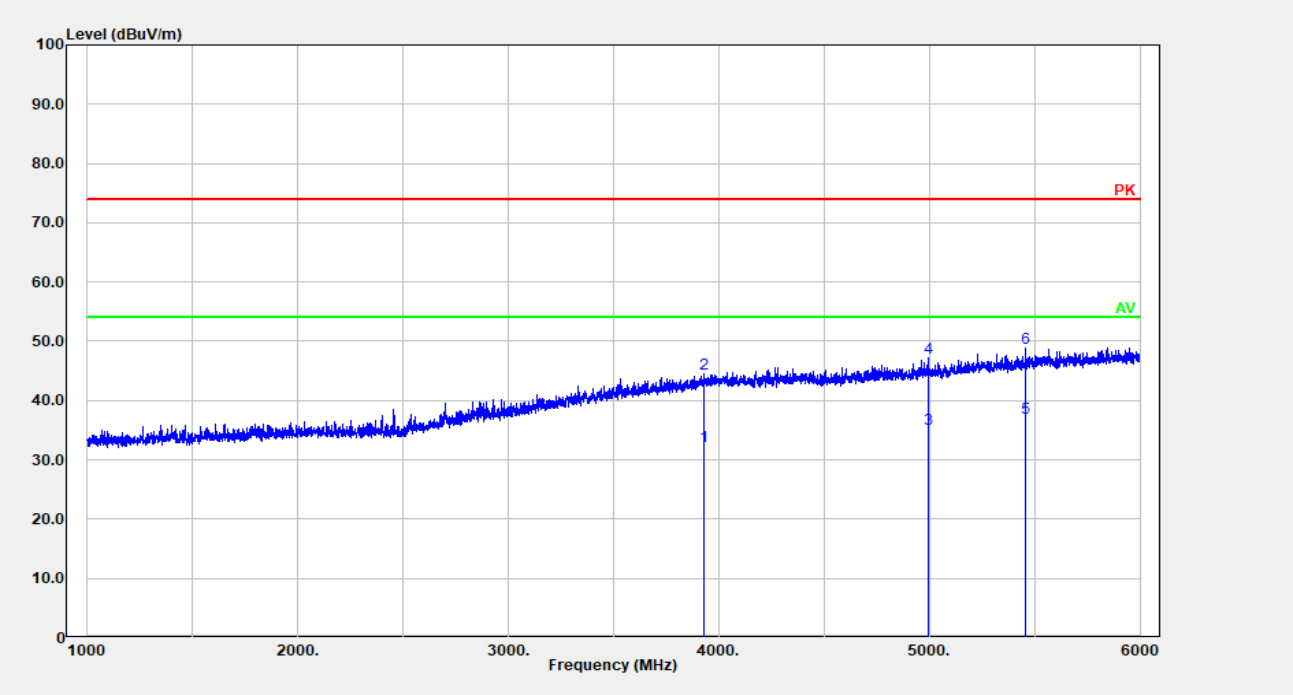


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.531	35.20	-4.20	31.00	40.00	9.00	Peak
2	38.888	42.38	-10.63	31.75	40.00	8.25	Peak
3	47.826	43.36	-16.14	27.22	40.00	12.78	Peak
4	77.051	46.35	-17.39	28.96	40.00	11.04	Peak
5	446.414	47.81	-7.30	40.51	46.00	5.49	QP
6	900.147	43.58	-1.23	42.35	46.00	3.65	QP

2) Above 1GHz(E16C was the worst)

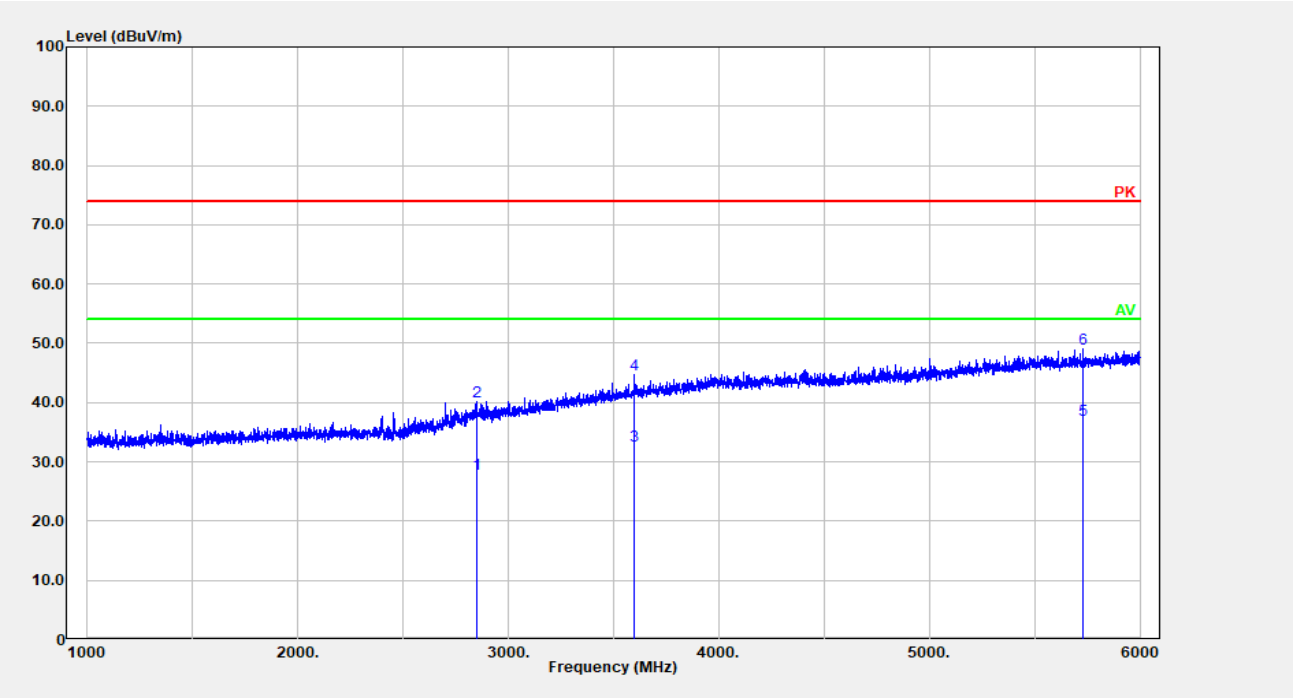
E16C:
AC/DC Adapter Mode:

Horizontal:



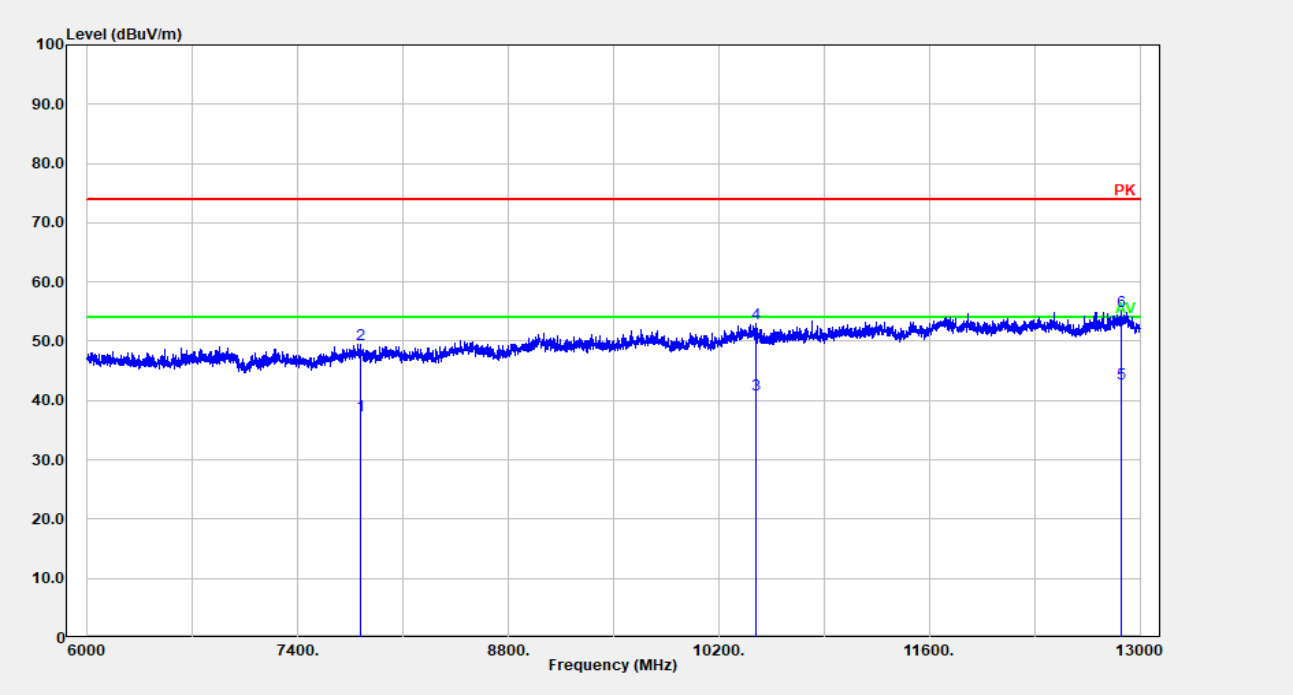
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	3929.586	22.57	9.75	32.32	54.00	21.68	Average
2	3929.586	34.86	9.75	44.61	74.00	29.39	Peak
3	4993.799	24.06	11.05	35.11	54.00	18.89	Average
4	4993.799	36.05	11.05	47.11	74.00	26.89	Peak
5	5456.892	24.47	12.51	36.98	54.00	17.02	Average
6	5456.892	36.33	12.51	48.85	74.00	25.15	Peak

Vertical:



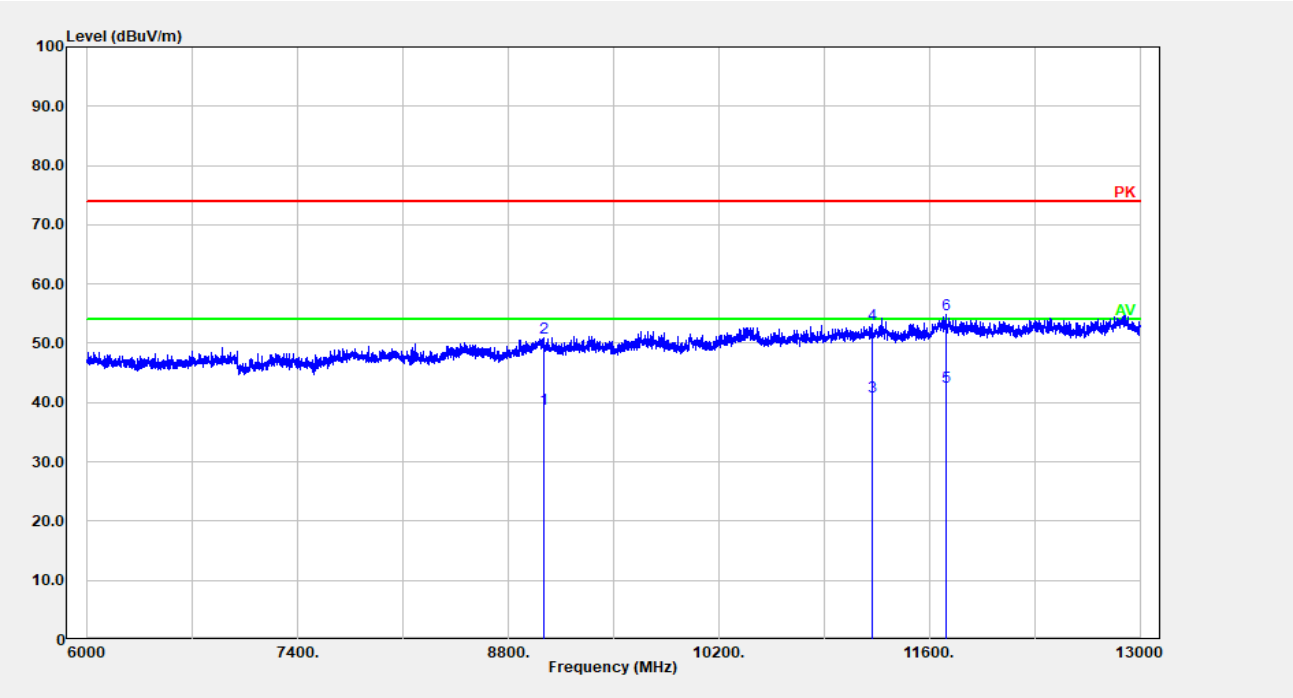
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	2847.369	22.51	5.43	27.94	54.00	26.06	Average
2	2847.369	34.79	5.43	40.22	74.00	33.78	Peak
3	3600.520	23.70	9.05	32.75	54.00	21.25	Average
4	3600.520	35.62	9.05	44.67	74.00	29.33	Peak
5	5730.946	24.05	12.98	37.03	54.00	16.97	Average
6	5730.946	36.13	12.98	49.12	74.00	24.88	Peak

Horizontal:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	7818.964	22.18	15.24	37.42	54.00	16.58	Average
2	7818.964	34.25	15.24	49.49	74.00	24.51	Peak
3	10445.890	22.63	18.30	40.93	54.00	13.07	Average
4	10445.890	34.70	18.30	53.00	74.00	21.00	Peak
5	12872.570	21.58	21.36	42.94	54.00	11.06	Average
6	12872.570	33.61	21.36	54.97	74.00	19.03	Peak

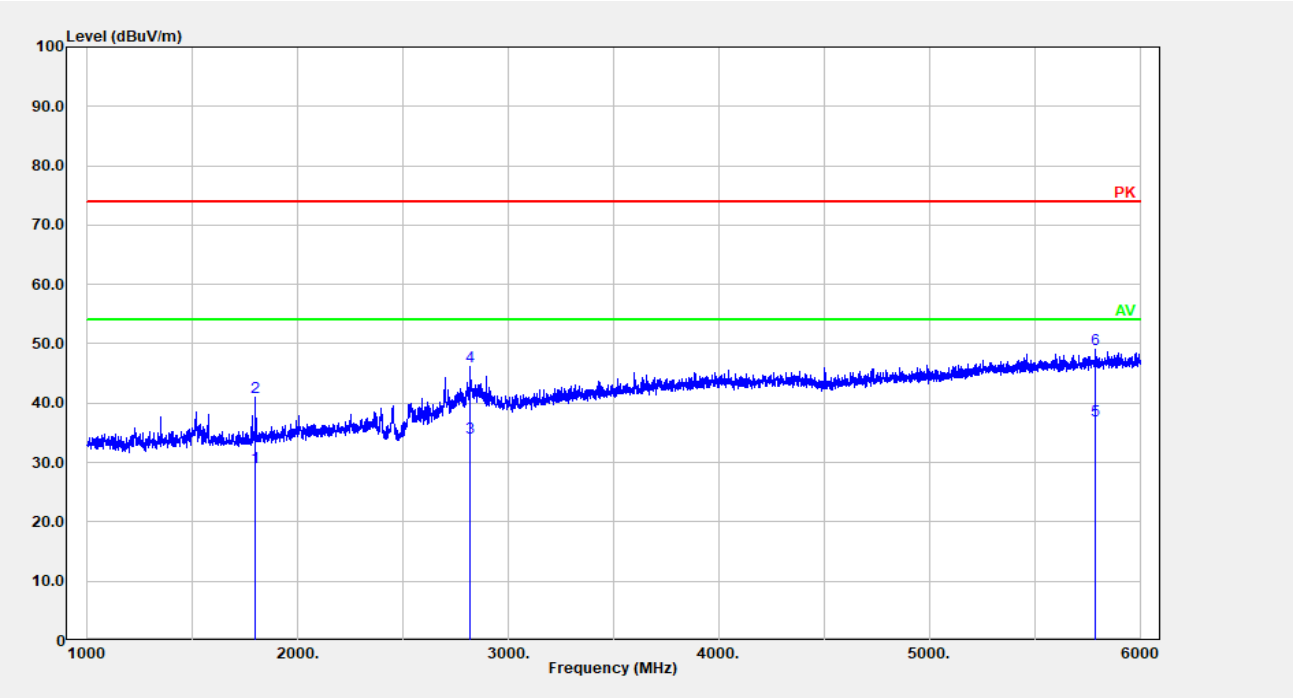
Vertical:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9033.007	21.74	17.12	38.86	54.00	15.14	Average
2	9033.007	33.82	17.12	50.94	74.00	23.06	Peak
3	11221.640	21.50	19.46	40.96	54.00	13.04	Average
4	11221.640	33.77	19.46	53.23	74.00	20.77	Peak
5	11713.140	22.19	20.49	42.68	54.00	11.32	Average
6	11713.140	34.28	20.49	54.76	74.00	19.24	Peak

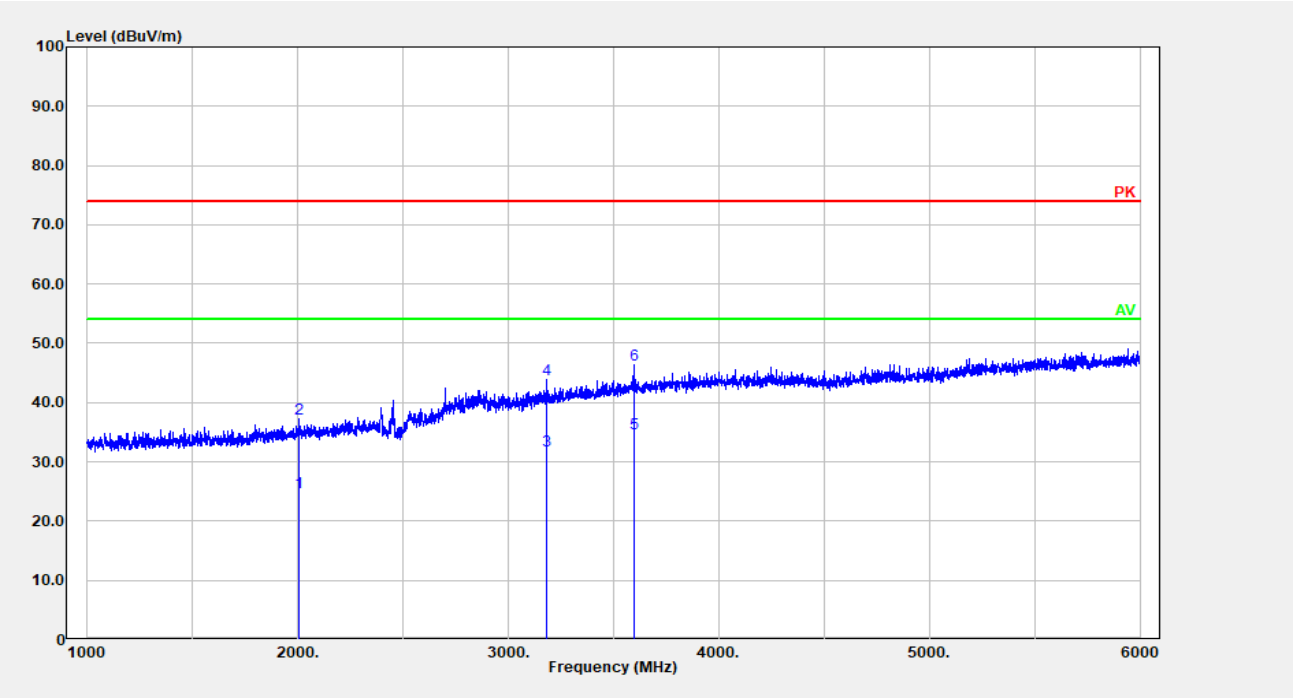
POE Adapter Mode:

Horizontal:



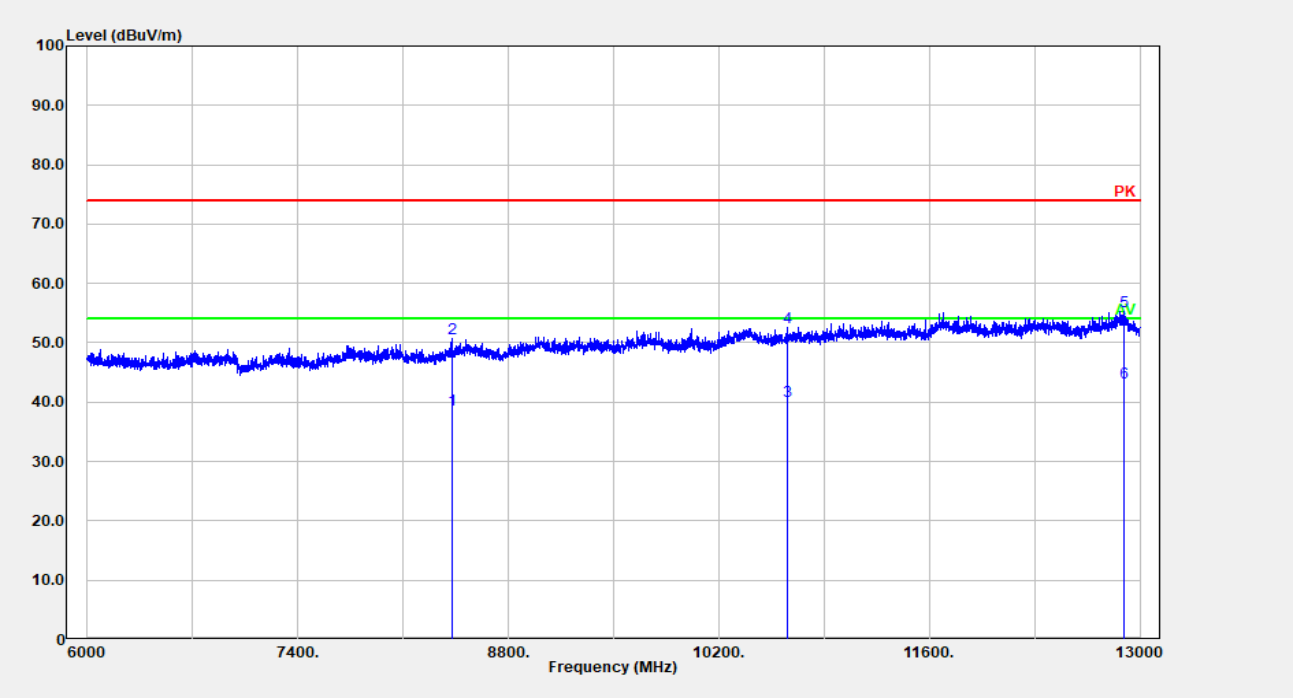
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1800.160	27.61	1.54	29.15	54.00	24.85	Average
2	1800.160	39.51	1.54	41.05	74.00	32.95	Peak
3	2816.363	28.93	5.26	34.19	54.00	19.81	Average
4	2816.363	41.00	5.26	46.26	74.00	27.74	Peak
5	5787.958	24.13	12.91	37.04	54.00	16.96	Average
6	5787.958	36.26	12.91	49.17	74.00	24.83	Peak

Vertical:



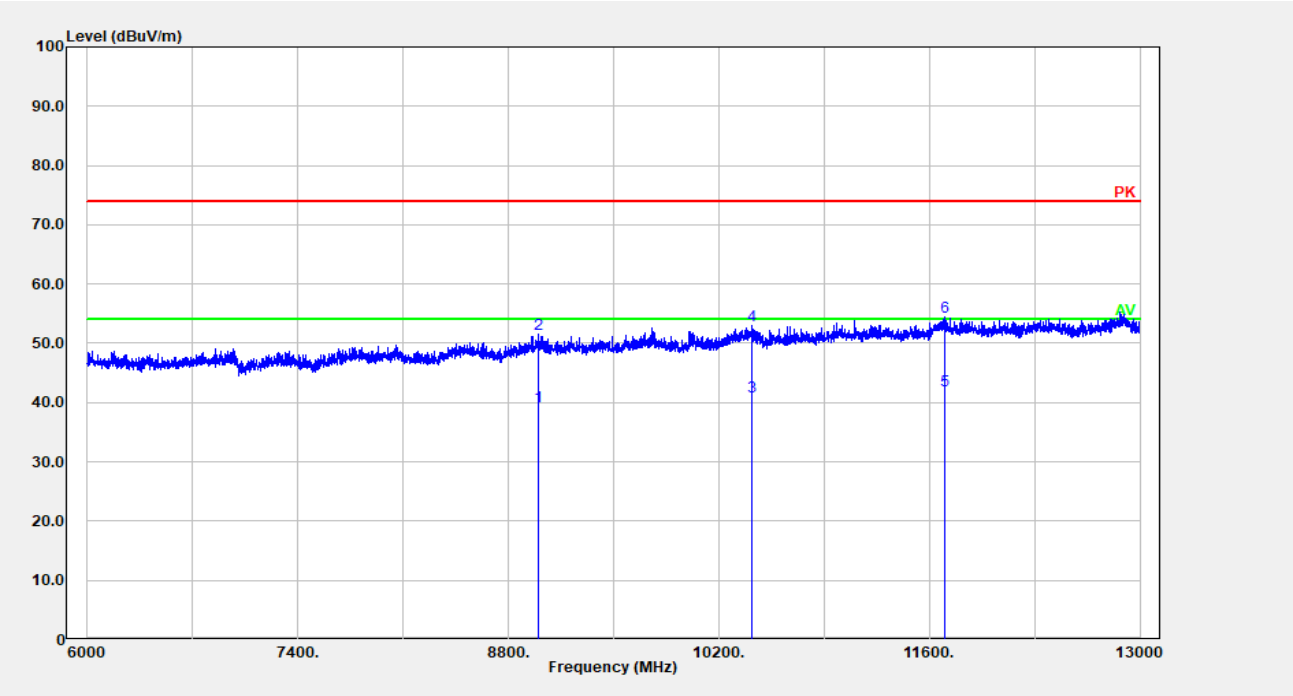
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	2004.201	22.56	2.39	24.95	54.00	29.05	Average
2	2004.201	34.80	2.39	37.18	74.00	36.82	Peak
3	3181.436	24.80	7.14	31.94	54.00	22.06	Average
4	3181.436	36.67	7.14	43.81	74.00	30.19	Peak
5	3599.520	25.71	9.05	34.76	54.00	19.24	Average
6	3599.520	37.29	9.05	46.34	74.00	27.66	Peak

Horizontal:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	8425.285	22.49	16.24	38.73	54.00	15.27	Average
2	8425.285	34.38	16.24	50.63	74.00	23.37	Peak
3	10657.330	21.46	18.63	40.09	54.00	13.91	Average
4	10657.330	33.87	18.63	52.50	74.00	21.50	Peak
5	12896.380	33.82	21.56	55.38	74.00	18.62	Peak
6	12896.380	21.64	21.56	43.20	54.00	10.80	Average

Vertical:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	9000.800	22.18	17.20	39.38	54.00	14.62	Average
2	9000.800	34.32	17.20	51.52	74.00	22.48	Peak
3	10417.880	22.63	18.40	41.03	54.00	12.97	Average
4	10417.880	34.53	18.40	52.93	74.00	21.07	Peak
5	11704.740	21.56	20.55	42.11	54.00	11.89	Average
6	11704.740	33.83	20.55	54.37	74.00	19.63	Peak

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