



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



## TEST REPORT

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

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

**FCC ID: 2AHCR-C319X**

**Product Name: Indoor Monitor**

**Model Number: C319A, C319W**

**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: CR21110002-00C**

**Date Of Issue: 2021-12-22**

**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

TEST FACILITY .....2  
DECLARATIONS.....2

**1. GENERAL INFORMATION .....4**

1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) .....4  
1.2 DESCRIPTION OF TEST CONFIGURATION .....5  
    1.2.2 Support Equipment List and Details .....5  
    1.2.3 Support Cable List and Details .....5  
    1.2.4 Block Diagram of Test Setup.....6  
1.3 MEASUREMENT UNCERTAINTY .....8

**2. SUMMARY OF TEST RESULTS .....9**

**3. REQUIREMENTS AND TEST PROCEDURES .....10**

3.1 AC LINE CONDUCTED EMISSIONS .....10  
    3.1.1 EUT Setup.....10  
    3.1.2 EMI Test Receiver Setup .....10  
    3.1.3 Test Procedure .....11  
    3.1.4 Corrected Amplitude & Margin Calculation.....11  
3.2 RADIATION SPURIOUS EMISSIONS .....12  
    3.2.1 EUT Setup.....12  
    3.2.2 EMI Test Receiver Setup .....13  
    3.2.3 Test Procedure .....13  
    3.2.4 Corrected Amplitude & Margin Calculation.....13

**4. TEST DATA AND RESULTS .....14**

4.1 AC LINE CONDUCTED EMISSIONS .....14  
4.2 RADIATION SPURIOUS EMISSIONS .....19

## 1. GENERAL INFORMATION

### 1.1 Product Description for Equipment under Test (EUT)

<b>EUT Name:</b>	Indoor Monitor
<b>EUT Model:</b>	C319A
<b>Multiple Model:</b>	C319W
<b>Highest Operation Frequency:</b>	2480 MHz
<b>Rated Input Voltage:</b>	DC 12V from adapter or 48V from POE
<b>Serial Number:</b>	CR21110002-S1
<b>EUT Received Date:</b>	2021.11.02
<b>EUT Received Status:</b>	GOOD

Note: The Multiple models are electrically identical with Test model, please refer to the declaration letter for more detail, which was provided by manufacturer.

#### Accessory Information:

N/A.

## 1.2 Description of Test Configuration

### 1.2.1 EUT Operation Condition:

<b>EUT Operation Mode:</b>	The system was configured for testing in Typical Use Mode, which was provided by the manufacturer. Test Mode: Operating
<b>Equipment Modifications:</b>	No
<b>EUT Exercise Software:</b>	No

### 1.2.2 Support Equipment List and Details

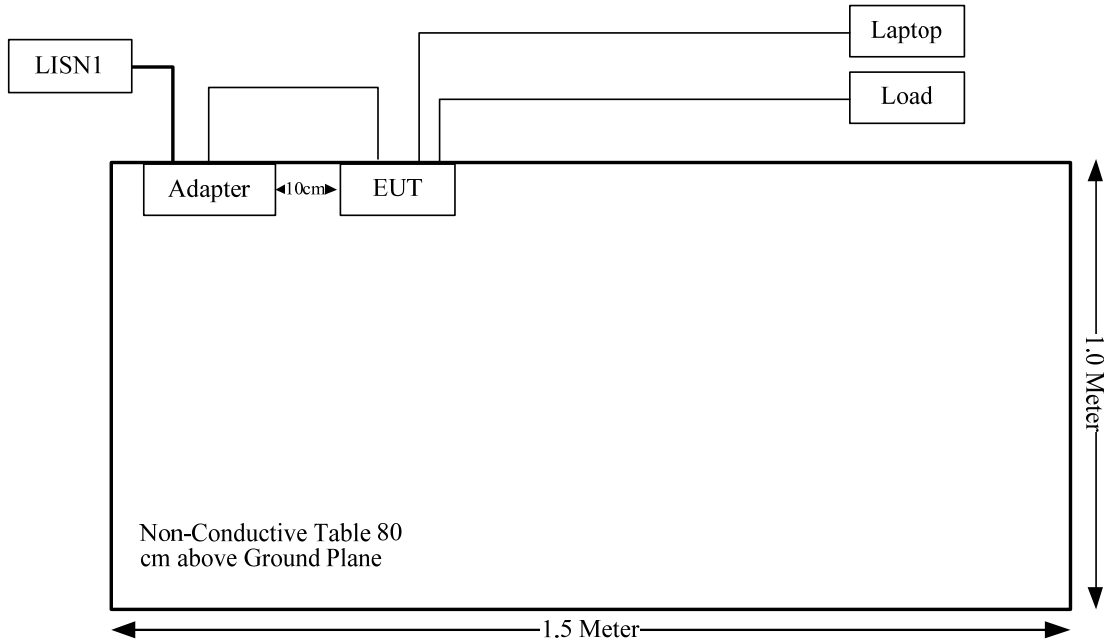
Manufacturer	Description	Model	Serial Number
AKUVOX (XIAMEN) NETWORKS CO., LTD.	Load	Unknown	CR21110002-S3
GOSPELL DIGITAL TECHNOLOGY CO.,LTD	POE	G0720-480-050	2014-0002925
ORIENTAL HERO ELE.FTY	Adapter	OH-1015A1201000U3-UL	96DG E230964
TOTOLINK	Router	LR1200	LR1200155P00167

### 1.2.3 Support Cable List and Details

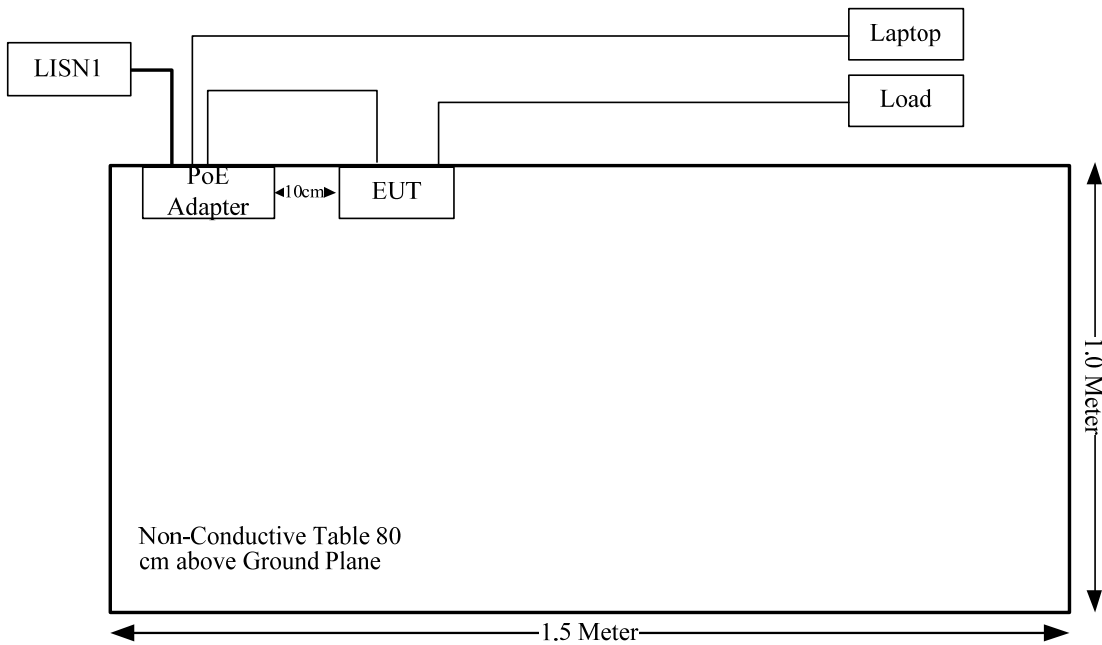
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	No	Yes	10	EUT/PoE	Router
RJ45 Cable	No	Yes	1.0	PoE	EUT
Signal Cable	No	No	10	EUT	Load
DC Power Cable	No	Yes	1.2	Adapter	EUT

### 1.2.4 Block Diagram of Test Setup

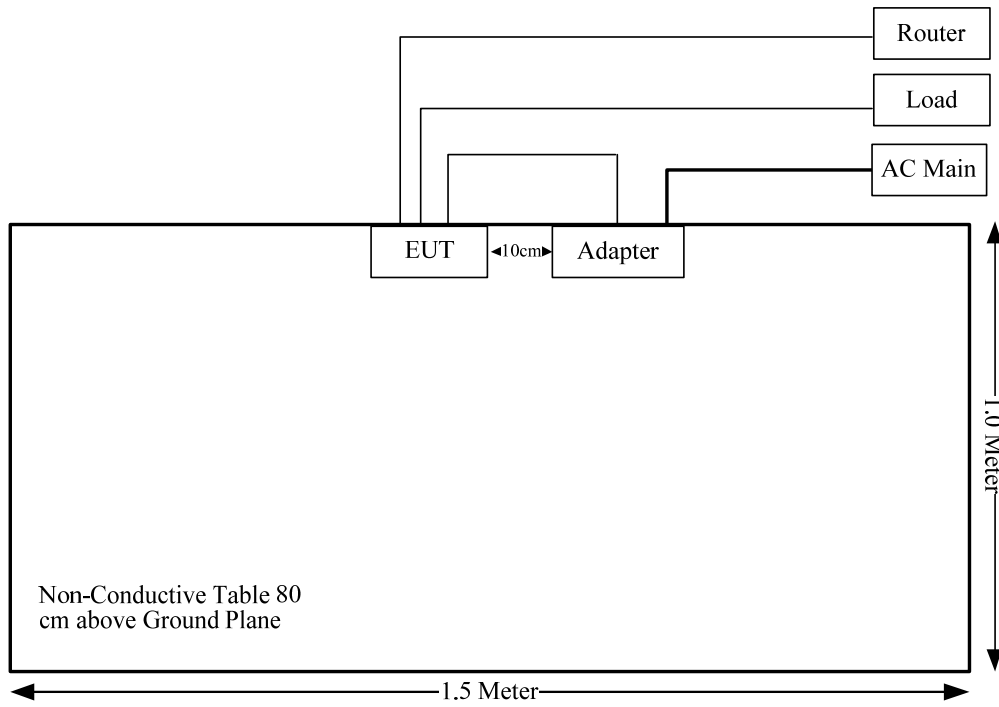
AC line conducted emissions:  
AC/DC Adapter Mode:



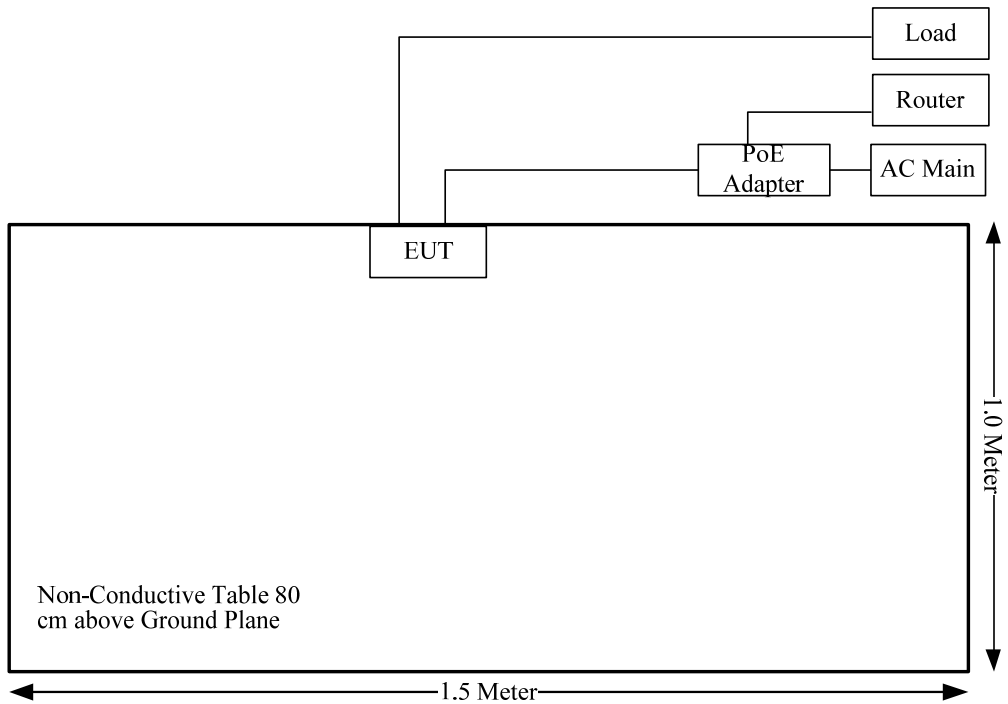
PoE Adapter Mode:



Radiated emissions:  
AC/DC Adapter Mode:



PoE Adapter:



### 1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB, 200M~1GHz: 5.61 dB, 1G~6GHz: 5.14 dB, 6G~18GHz: 5.93 dB, 18G~26.5G: 5.47 dB, 26.5G~40G: 5.63 dB
Temperature	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 5\%$
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)



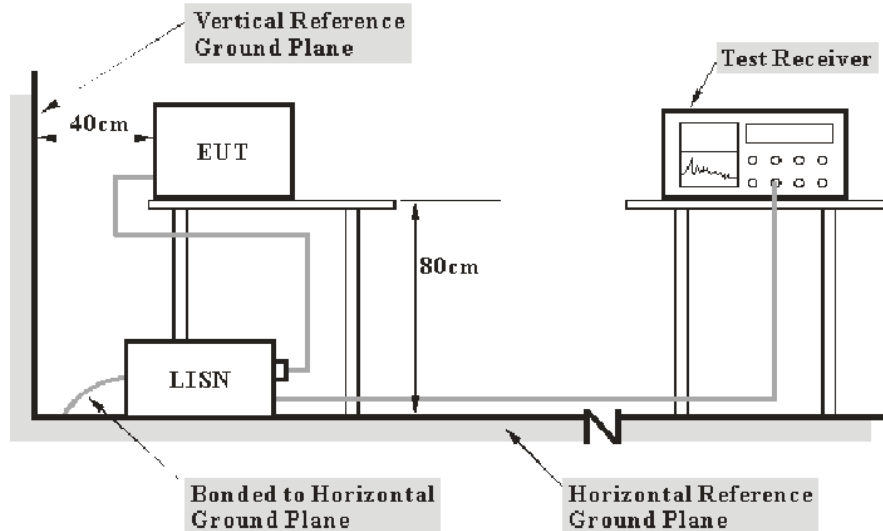
## 2. SUMMARY OF TEST RESULTS

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

### 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

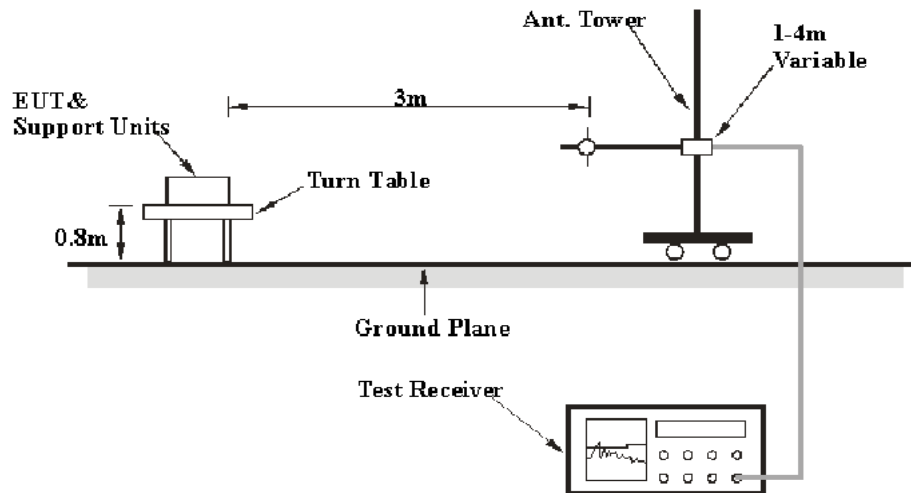
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

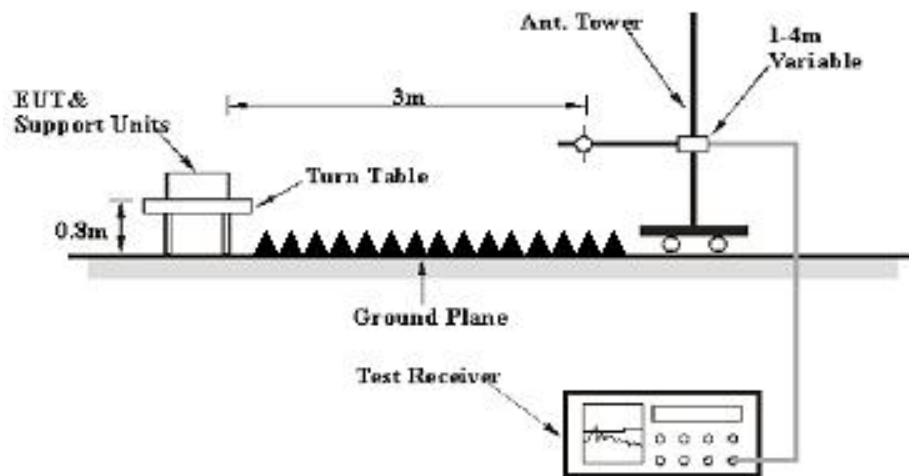
## 3.2 Radiation Spurious Emissions

### 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

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:

$$\text{Result} = \text{Reading} + \text{Factor}$$

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

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:

$$\text{Margin} = \text{Limit} - \text{Result}$$

## 4. TEST DATA AND RESULTS

### 4.1 AC Line Conducted Emissions

Serial Number:	CR21110002-S1	Test Date:	2021-12-09
Test Site:	CE	Test Mode:	Operating
Tester:	Nick Tang	Test Result:	Pass

#### Environmental Conditions:

Temperature: (°C)	21.8	Relative Humidity: (%)	65	ATM Pressure: (kPa)	101.8
----------------------	------	------------------------------	----	------------------------	-------

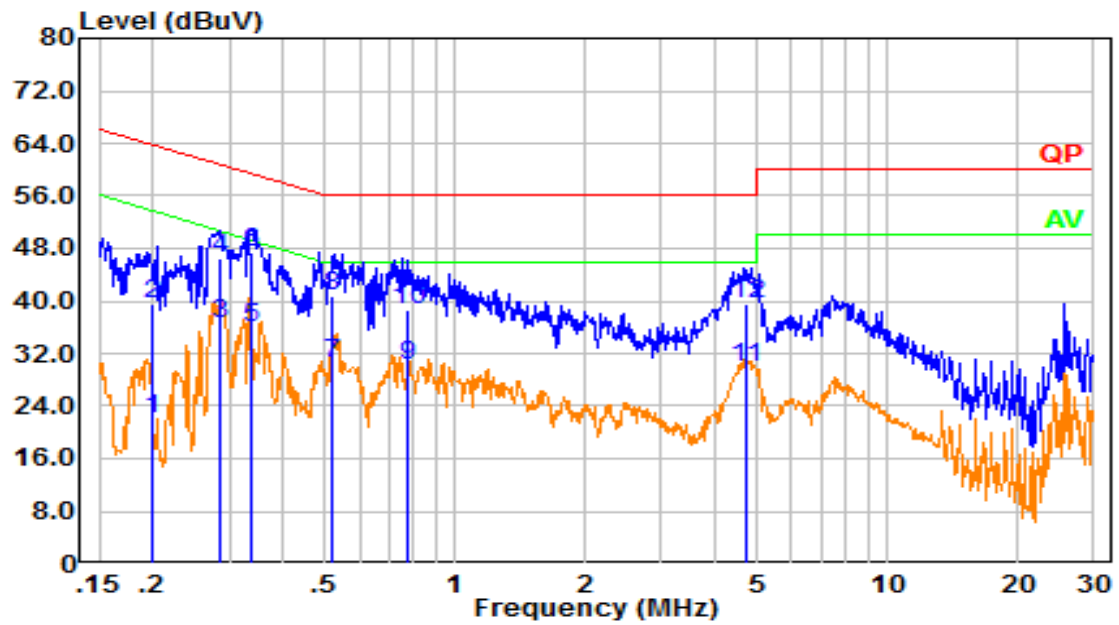
#### Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	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).*

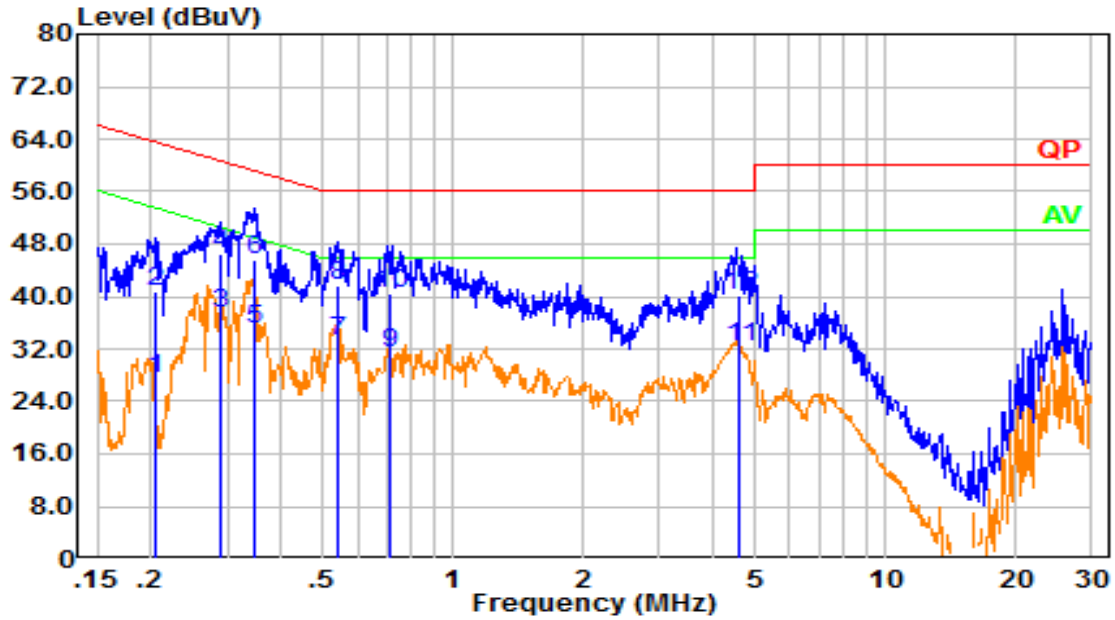
AC/DC Adapter Mode:

Line:



No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Result (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
1	0.198	12.49	9.61	22.10	53.69	31.58	Average
2	0.198	29.94	9.61	39.55	63.69	24.14	QP
3	0.287	26.89	9.61	36.50	50.61	14.11	Average
4	0.287	36.75	9.61	46.36	60.61	14.25	QP
5	0.337	26.21	9.61	35.82	49.29	13.47	Average
6	0.337	37.77	9.61	47.38	59.29	11.91	QP
7	0.520	20.74	9.61	30.36	46.00	15.64	Average
8	0.520	31.01	9.61	40.63	56.00	15.37	QP
9	0.776	20.47	9.62	30.09	46.00	15.91	Average
10	0.776	29.07	9.62	38.69	56.00	17.31	QP
11	4.701	20.37	9.66	30.03	46.00	15.97	Average
12	4.701	29.87	9.66	39.53	56.00	16.47	QP

Neutral:

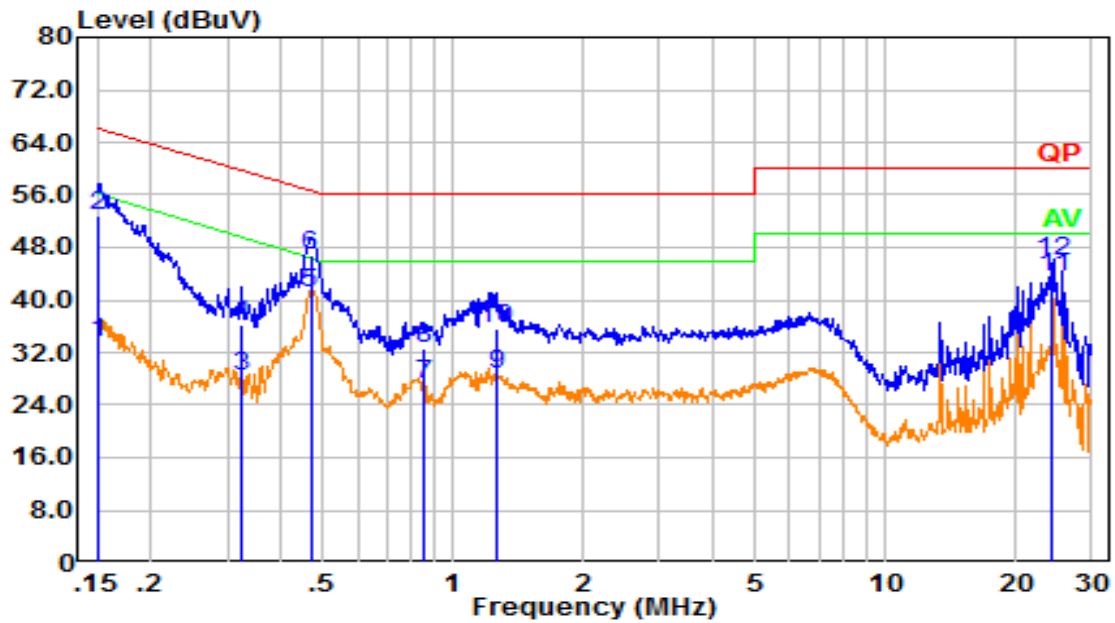


No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Result (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
1	0.205	17.99	9.61	27.60	53.39	25.79	Average
2	0.205	31.19	9.61	40.80	63.39	22.60	QP
3	0.288	27.95	9.61	37.56	50.58	13.03	Average
4	0.288	36.87	9.61	46.48	60.58	14.10	QP
5	0.349	25.32	9.61	34.93	48.99	14.06	Average
6	0.349	35.96	9.61	45.57	58.99	13.43	QP
7	0.543	23.62	9.61	33.23	46.00	12.77	Average
8	0.543	32.17	9.61	41.79	56.00	14.21	QP
9	0.716	21.72	9.62	31.34	46.00	14.66	Average
10	0.716	30.88	9.62	40.50	56.00	15.50	QP
11	4.613	22.74	9.66	32.40	46.00	13.60	Average
12	4.613	30.43	9.66	40.09	56.00	15.91	QP



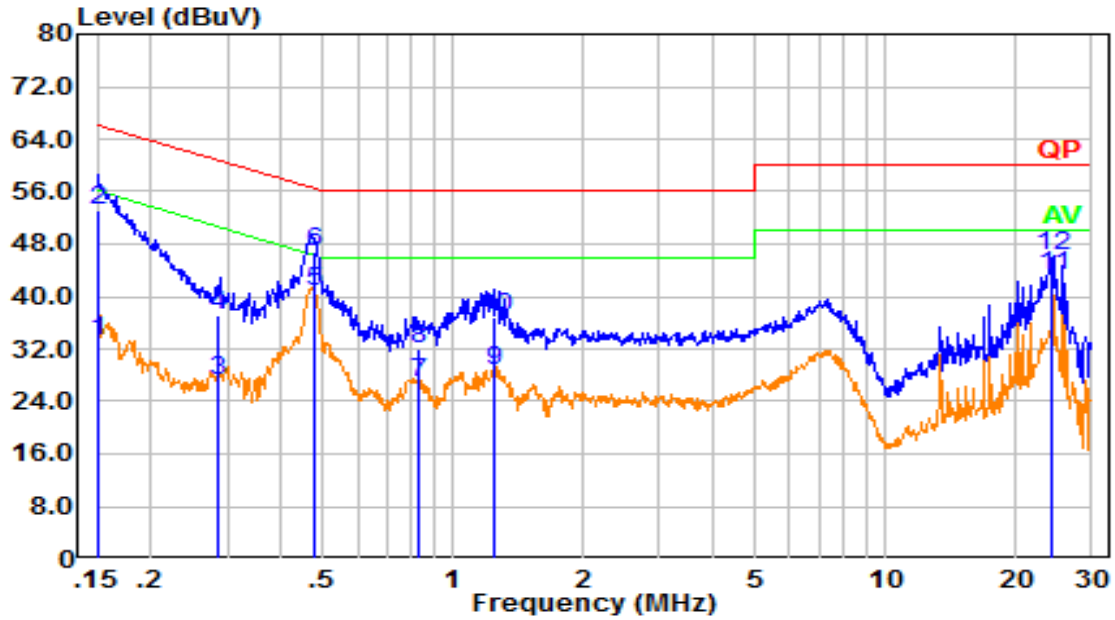
POE Adapter Mode:

Line:



No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Result (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
1	0.151	24.04	9.61	33.65	55.93	22.28	Average
2	0.151	43.36	9.61	52.97	65.93	12.96	QP
3	0.322	18.80	9.61	28.41	49.64	21.24	Average
4	0.322	26.57	9.61	36.18	59.64	23.46	QP
5	0.467	31.55	9.61	41.16	46.56	5.40	Average
6	0.467	37.21	9.61	46.82	56.56	9.74	QP
7	0.852	17.63	9.62	27.25	46.00	18.75	Average
8	0.852	22.96	9.62	32.58	56.00	23.42	QP
9	1.253	19.06	9.62	28.68	46.00	17.32	Average
10	1.253	26.15	9.62	35.77	56.00	20.23	QP
11	24.350	33.53	9.81	43.34	50.00	6.66	Average
12	24.350	36.18	9.81	45.99	60.00	14.01	QP

Neutral:



No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB)	Result (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Detector
1	0.151	23.59	9.61	33.20	55.94	22.74	Average
2	0.151	43.57	9.61	53.18	65.94	12.76	QP
3	0.285	17.62	9.61	27.23	50.67	23.44	Average
4	0.285	27.64	9.61	37.25	60.67	23.41	QP
5	0.476	31.20	9.61	40.81	46.42	5.61	Average
6	0.476	37.11	9.61	46.72	56.42	9.70	QP
7	0.828	17.33	9.62	26.95	46.00	19.05	Average
8	0.828	22.35	9.62	31.97	56.00	24.03	QP
9	1.240	18.94	9.62	28.56	46.00	17.44	Average
10	1.240	27.36	9.62	36.98	56.00	19.02	QP
11	24.350	33.43	9.75	43.18	50.00	6.82	Average
12	24.350	36.57	9.75	46.32	60.00	13.68	QP

## 4.2 Radiation Spurious Emissions

Serial Number:	CR21110002-S1	Test Date:	2021-12-11
Test Site:	966-1, 966-2	Test Mode:	Operating
Tester:	Tommy Luo, Carl Liang	Test Result:	Pass

### Environmental Conditions:

Temperature: (°C)	22.9	Relative Humidity: (%)	51	ATM Pressure: (kPa)	101.6
----------------------	------	------------------------------	----	------------------------	-------

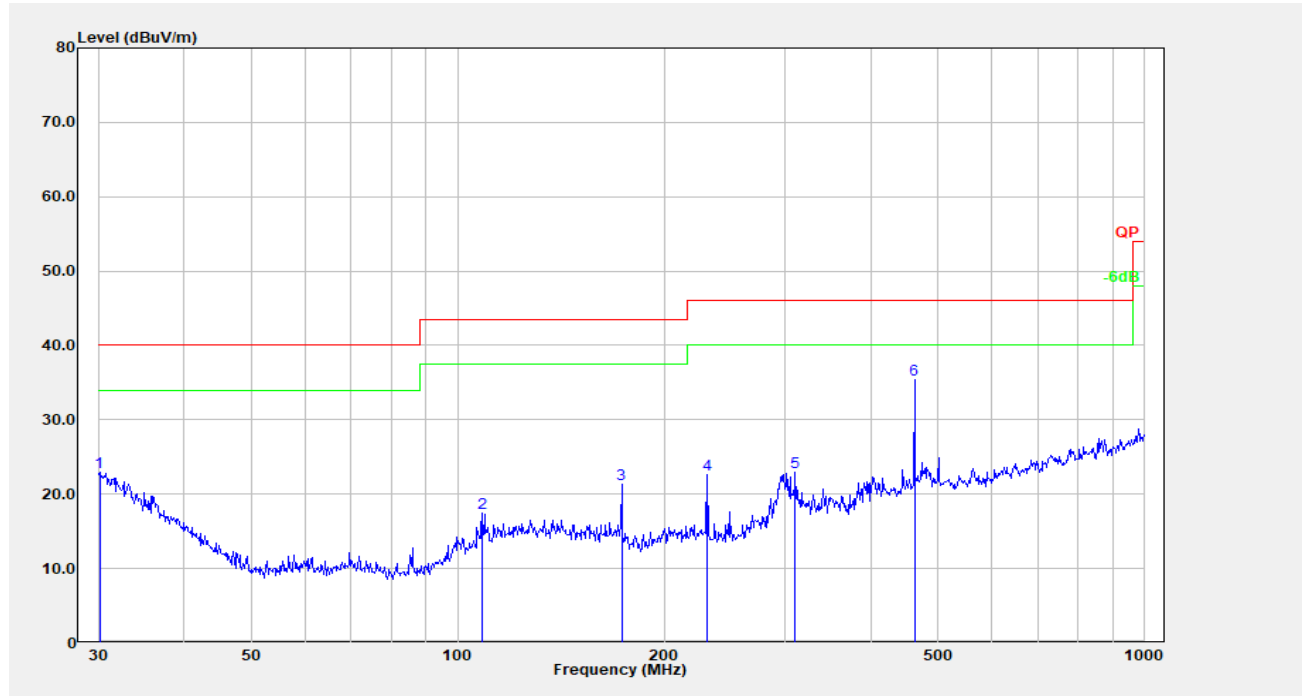
### Test Equipment List and Details:

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
Mini Circuits	High Pass Filter	VHF-6010+	31119	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).

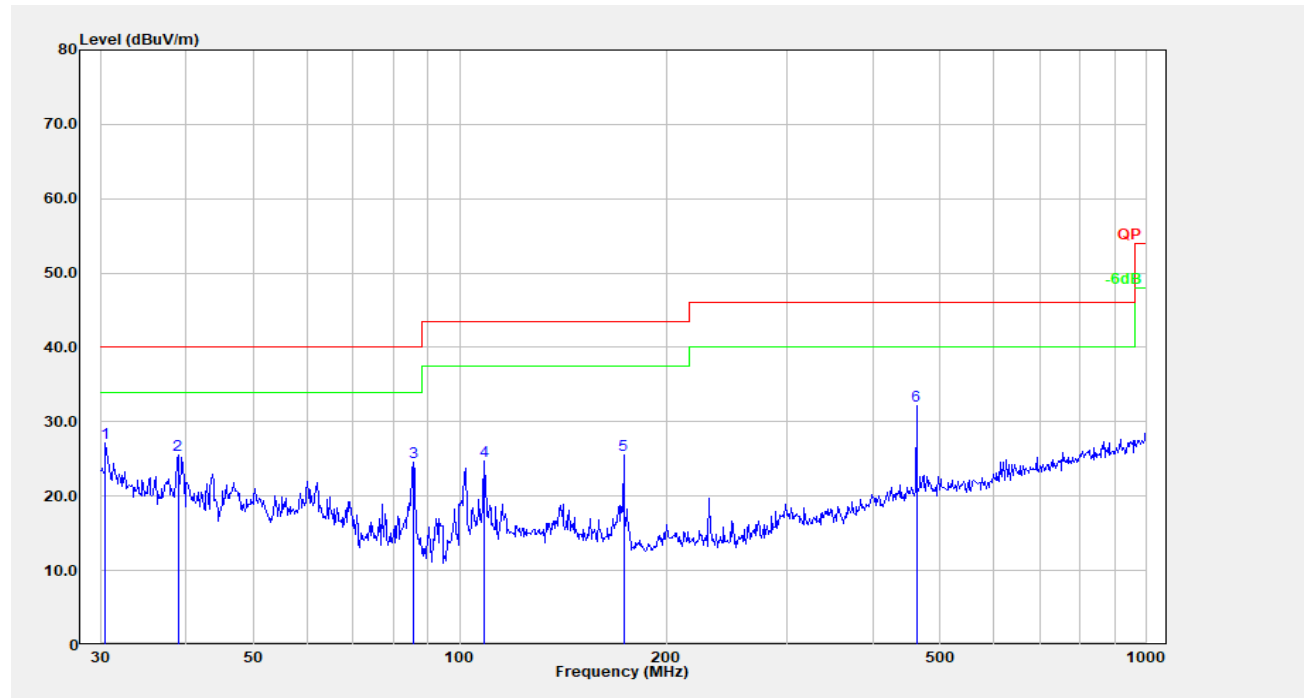
1) 30MHz-1GHz:

AC/DC Adapter Mode:  
**Horizontal:**



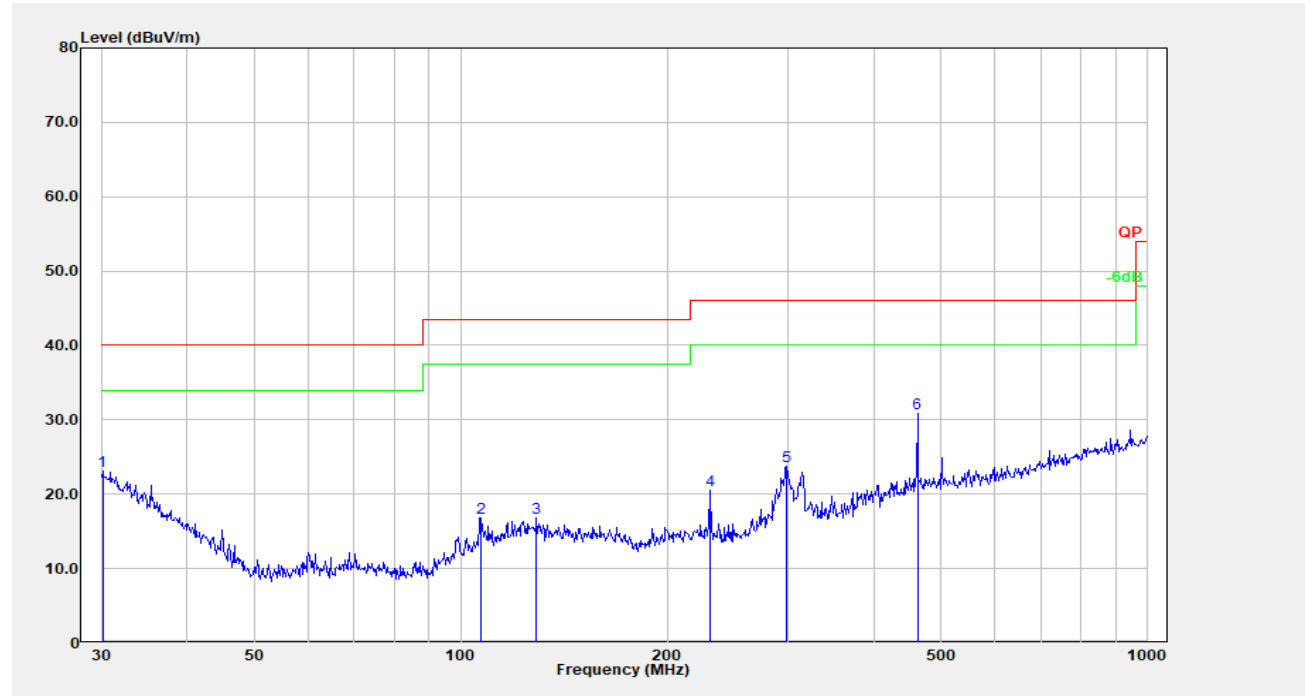
No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	30.105	26.90	-3.87	23.03	40.00	16.97	Peak
2	108.647	30.35	-12.82	17.53	43.50	25.97	Peak
3	173.205	34.68	-13.38	21.30	43.50	22.20	Peak
4	230.907	35.79	-13.17	22.62	46.00	23.38	Peak
5	309.998	33.80	-10.79	23.01	46.00	22.99	Peak
6	462.346	42.23	-6.84	35.39	46.00	10.61	Peak

**Vertical:**

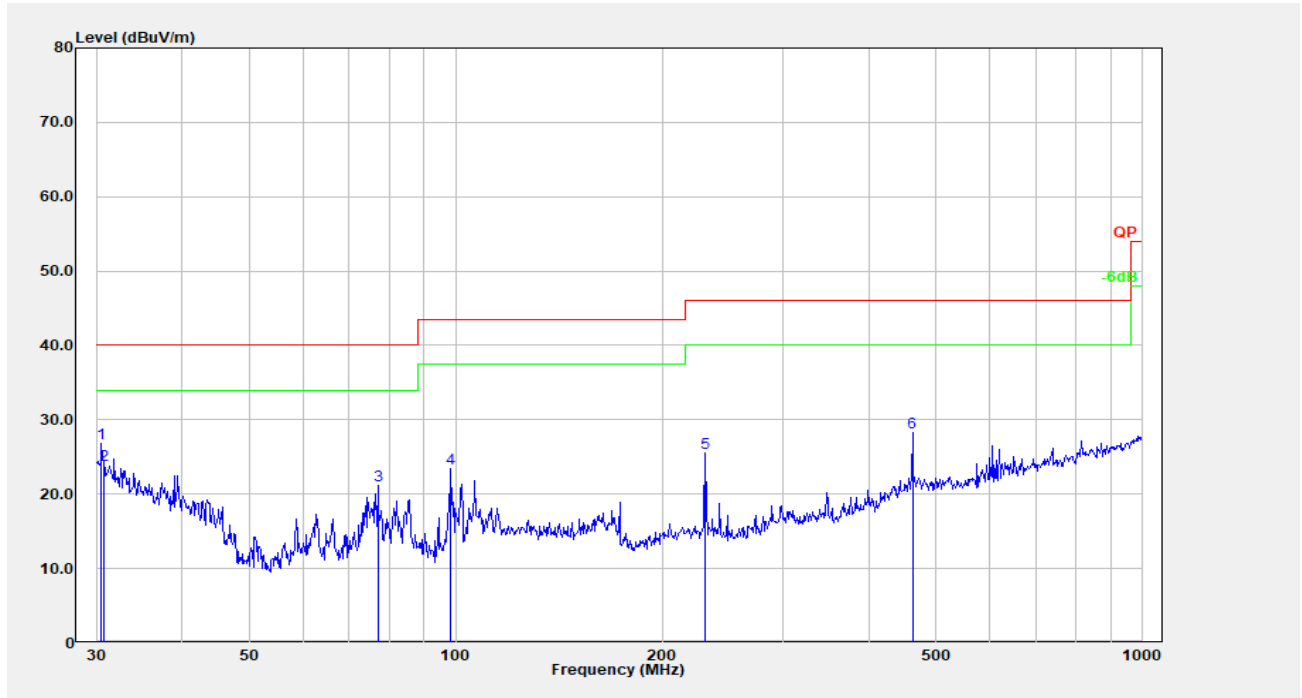


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.531	31.42	-4.20	27.22	40.00	12.78	Peak
2	38.888	36.19	-10.63	25.56	40.00	14.44	Peak
3	85.598	42.01	-17.41	24.61	40.00	15.39	Peak
4	108.647	37.53	-12.82	24.71	43.50	18.79	Peak
5	173.205	38.98	-13.38	25.59	43.50	17.91	Peak
6	462.346	38.98	-6.84	32.14	46.00	13.86	Peak

POE Adapter Mode:

**Horizontal:**

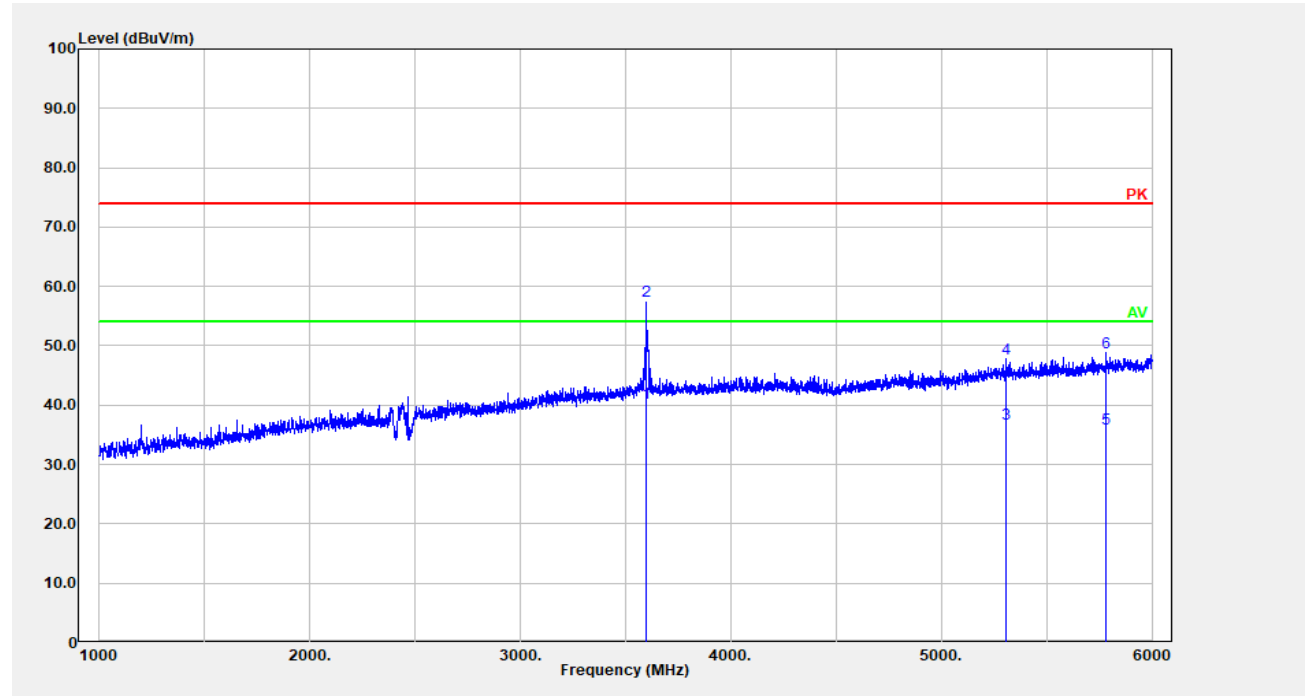
No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	30.105	27.05	-3.87	23.18	40.00	16.82	Peak
2	107.134	29.92	-13.13	16.79	43.50	26.71	Peak
3	129.015	28.37	-11.54	16.83	43.50	26.67	Peak
4	230.907	33.77	-13.17	20.60	46.00	25.40	Peak
5	298.268	34.61	-10.86	23.76	46.00	22.24	Peak
6	462.346	37.69	-6.84	30.85	46.00	15.15	Peak

**Vertical:**

No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	30.531	31.11	-4.20	26.91	40.00	13.09	Peak
2	30.745	28.29	-4.36	23.93	40.00	16.07	Peak
3	77.051	38.55	-17.39	21.17	40.00	18.83	Peak
4	98.487	38.40	-14.93	23.47	43.50	20.03	Peak
5	230.907	38.67	-13.17	25.50	46.00	20.50	Peak
6	462.346	35.08	-6.84	28.24	46.00	17.76	Peak

2) Above 1GHz  
AC/DC Adapter Mode:

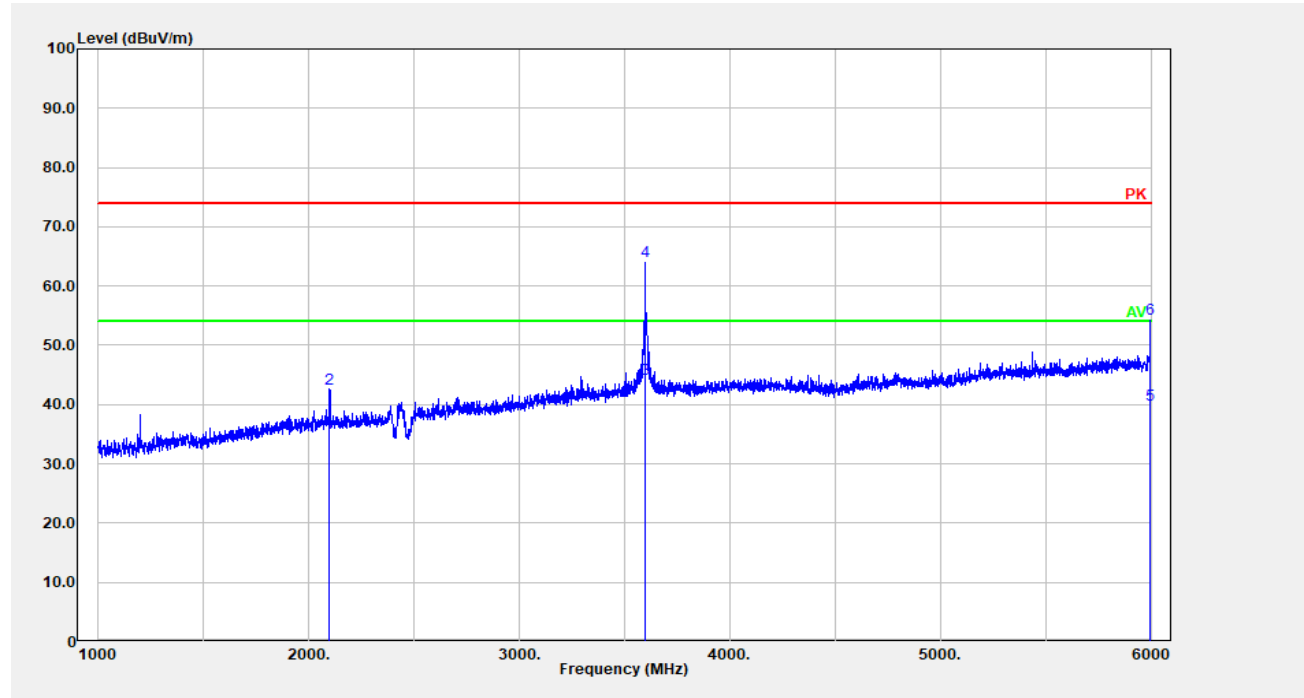
**Horizontal:**



No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	3595.519	31.36	9.04	40.40	54.00	13.60	Average
2	3595.519	48.43	9.04	57.47	74.00	16.53	Peak
3	5309.862	24.97	11.98	36.95	54.00	17.05	Average
4	5309.862	35.93	11.98	47.91	74.00	26.09	Peak
5	5781.957	23.16	12.92	36.08	54.00	17.92	Average
6	5781.957	35.86	12.92	48.78	74.00	25.22	Peak



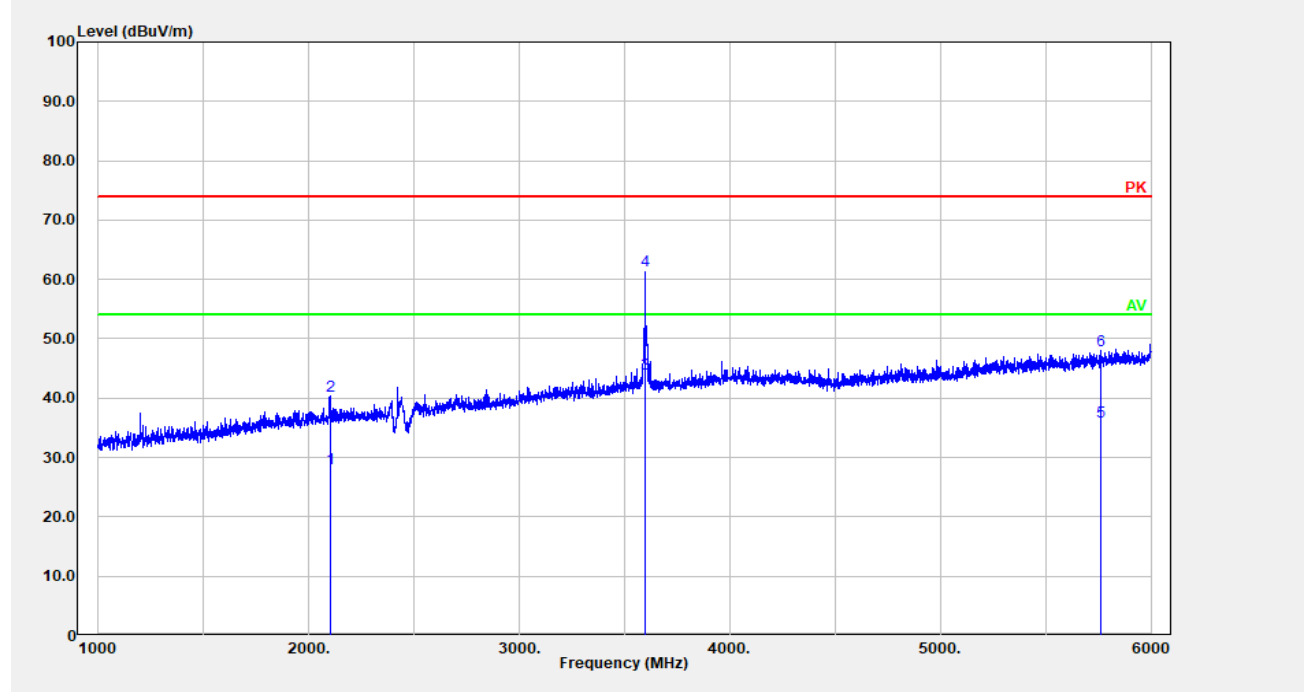
**Vertical:**



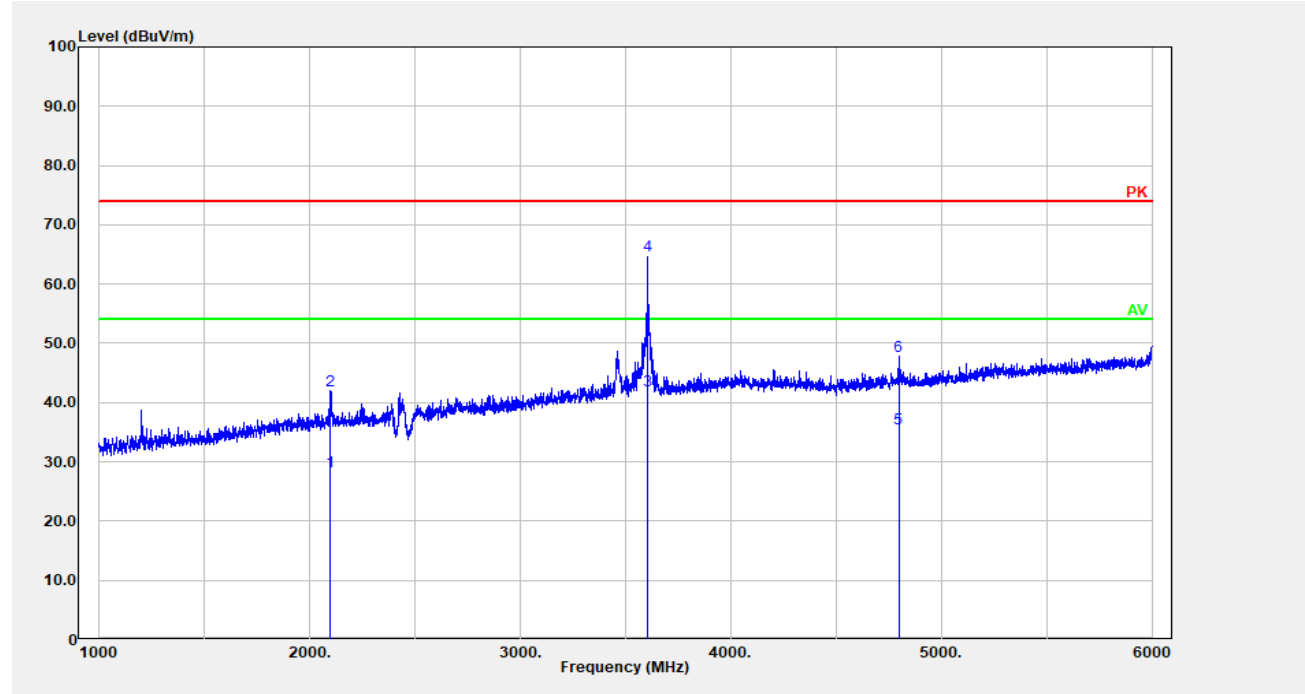
No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	2097.219	32.51	2.69	35.20	54.00	18.80	Average
2	2097.219	39.86	2.69	42.56	74.00	31.44	Peak
3	3599.520	35.26	9.05	44.31	54.00	9.69	Average
4	3599.520	55.09	9.05	64.14	74.00	9.86	Peak
5	5999.000	26.44	13.52	39.96	54.00	14.04	Average
6	5999.000	40.85	13.52	54.37	74.00	19.63	Peak

POE Adapter Mode:

**Horizontal:**

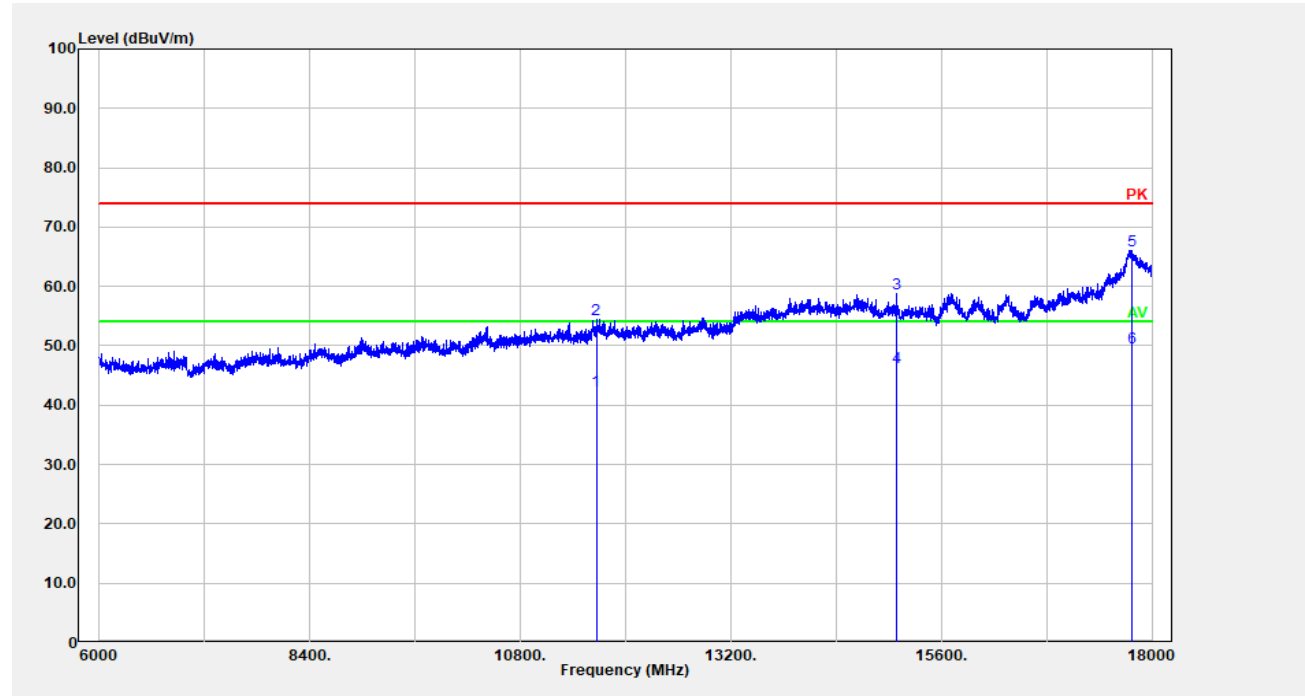


No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	2100.220	25.37	2.70	28.07	54.00	25.93	Average
2	2100.220	37.71	2.70	40.41	74.00	33.59	Peak
3	3597.520	34.98	9.04	44.02	54.00	9.98	Average
4	3597.520	52.49	9.04	61.53	74.00	12.47	Peak
5	5760.952	23.09	12.94	36.03	54.00	17.97	Average
6	5760.952	35.09	12.94	48.03	74.00	25.97	Peak

**Vertical:**

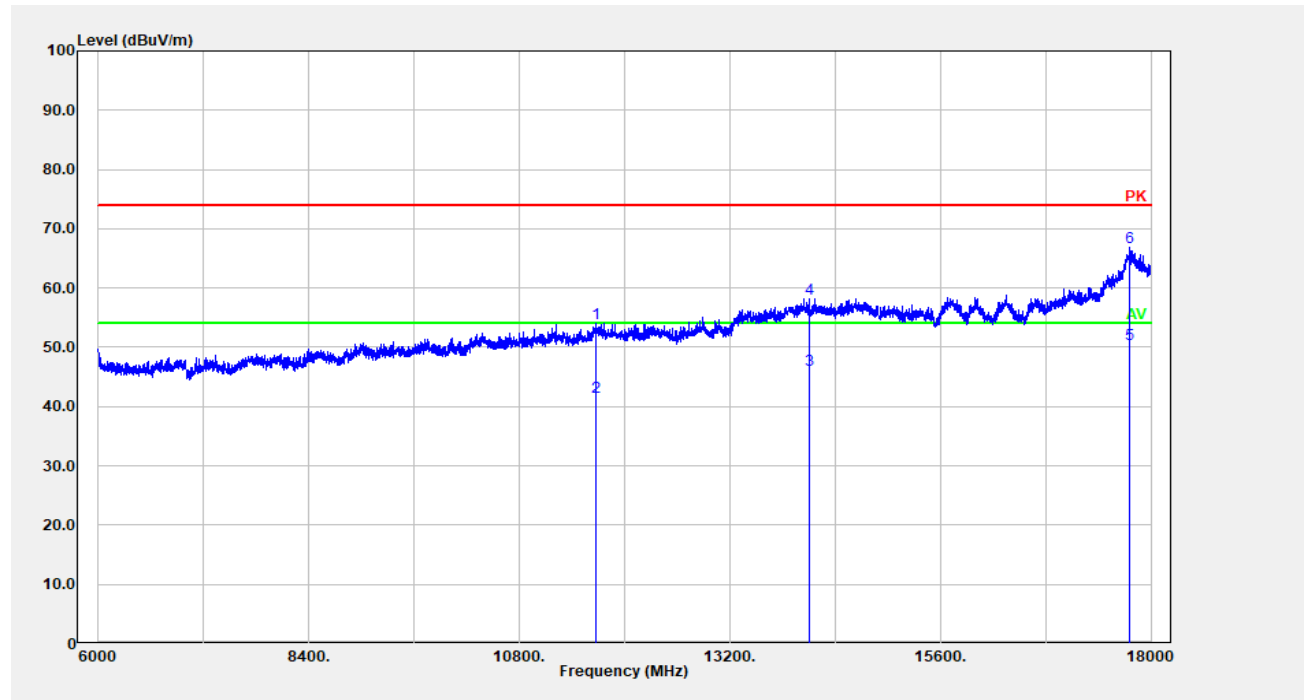
No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	2099.220	25.64	2.70	28.34	54.00	25.66	Average
2	2099.220	39.43	2.70	42.13	74.00	31.87	Peak
3	3606.521	32.95	9.04	41.99	54.00	12.01	Average
4	3606.521	55.80	9.04	64.84	74.00	9.16	Peak
5	4796.759	24.91	10.64	35.55	54.00	18.45	Average
6	4796.759	37.10	10.64	47.74	74.00	26.26	Peak

AC/DC Adapter Mode:

**Horizontal:**

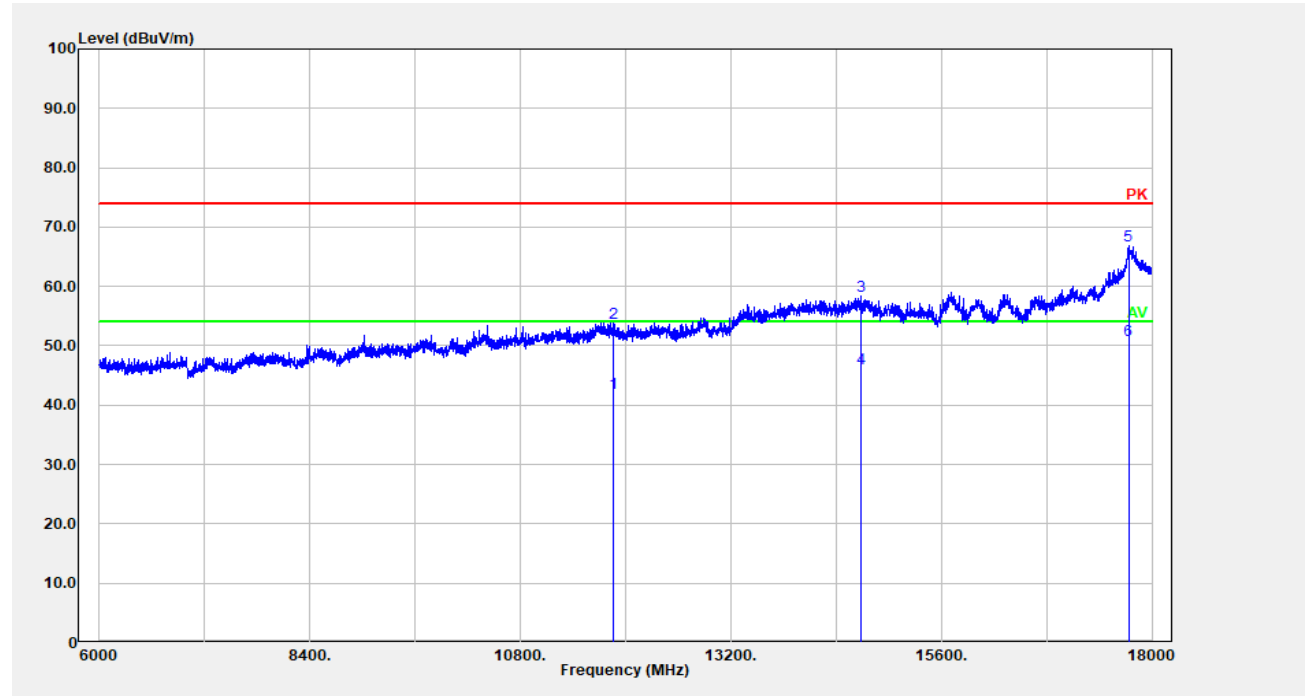
No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	11665.130	22.17	20.21	42.38	54.00	11.62	Average
2	11665.130	34.24	20.21	54.44	74.00	19.56	Peak
3	15093.020	35.81	22.92	58.74	74.00	15.26	Peak
4	15093.020	23.50	22.92	46.42	54.00	7.58	Average
5	17771.960	36.50	29.58	66.07	74.00	7.93	Peak
6	17771.960	20.03	29.58	49.61	54.00	4.39	Average

**Vertical:**



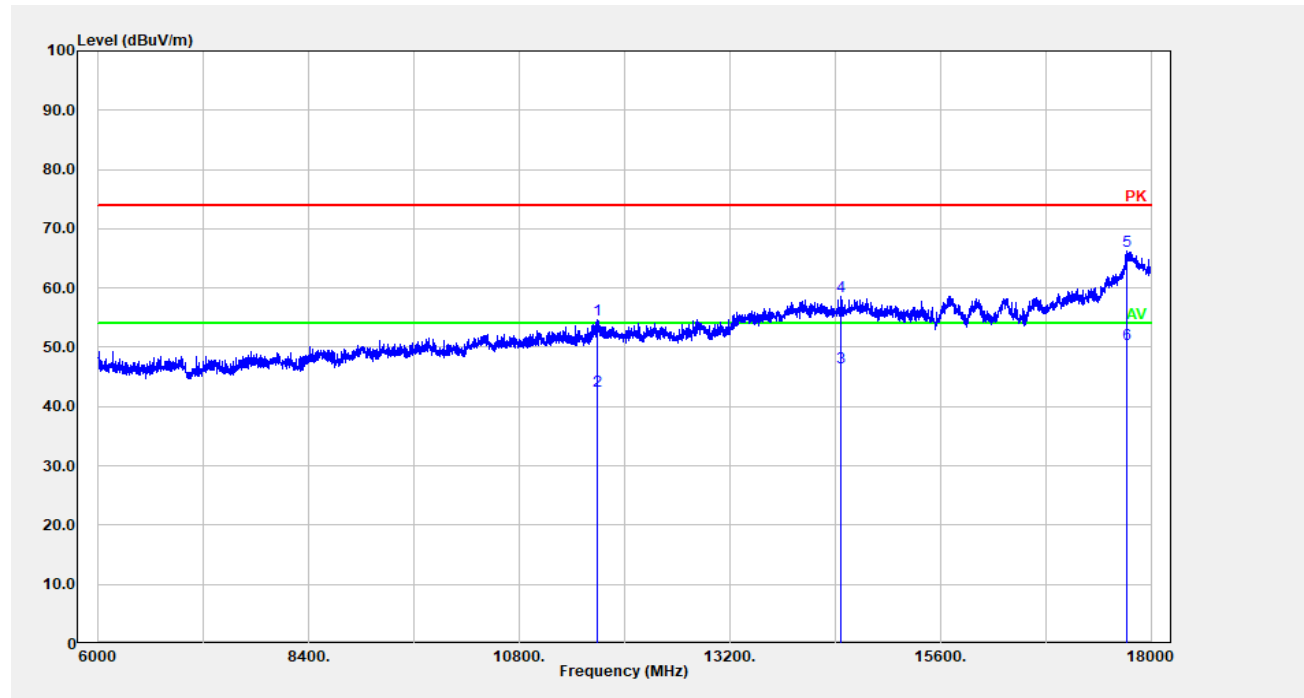
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	11674.740	33.75	20.31	54.06	74.00	19.94	Peak
2	11674.740	21.40	20.31	41.71	54.00	12.29	Average
3	14101.620	22.26	23.91	46.17	54.00	7.83	Average
4	14101.620	34.26	23.91	58.17	74.00	15.83	Peak
5	17752.750	20.89	29.58	50.47	54.00	3.53	Average
6	17752.750	37.24	29.58	66.82	74.00	7.18	Peak

POE Adapter:

**Horizontal:**

No.	Frequency (MHz)	Reading (dB $\mu$ V)	Factor (dB/m)	Result (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector
1	11854.770	21.75	20.32	42.07	54.00	11.93	Average
2	11854.770	33.54	20.32	53.86	74.00	20.14	Peak
3	14677.740	34.27	24.08	58.35	74.00	15.65	Peak
4	14677.740	22.09	24.08	46.17	54.00	7.83	Average
5	17733.550	37.33	29.58	66.91	74.00	7.09	Peak
6	17733.550	21.27	29.58	50.85	54.00	3.15	Average

**Vertical:**



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	11681.940	34.34	20.39	54.72	74.00	19.28	Peak
2	11681.940	22.29	20.39	42.68	54.00	11.32	Average
3	14471.290	22.34	24.18	46.52	54.00	7.48	Average
4	14471.290	34.42	24.18	58.60	74.00	15.40	Peak
5	17723.950	36.63	29.59	66.22	74.00	7.78	Peak
6	17723.950	20.95	29.59	50.54	54.00	3.46	Average

==== END OF REPORT ====