CE TEST REPORT

FOR

Ernitec Mercury SX series

Vandal Proof IP Dome Camera

Model : Mercury SX30xxxxxxx (x=0~9, A~Z or Space)

Issued to

ERNITEC

Tempovej 39-41, 2750 Ballerup, Denmark

Issued by

PEP Certification Corp.

Open Site		No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
EMC Test Site	Xizhi Office and Lab	12F.-3, No.27-1, Ln. 169, Kangning St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

TABLE OF CONTENTS ---------- 2

APPENDEX

PHOTO OF EUT

HSITROY OF THIS REPORT

☑ Original
☐ Additional attachment as following record:

Attachment No.	Issued Date	Description
E13080103	Sep. 14, 2013	Original

1. GENERAL INFORMATION

Applicant : ERNITEC part of EET Group A/S

Address : Tempovej 39-41, 2750 Ballerup, Denmark

Manufacturer : ERNITEC

Address : Tempovej 39-41, 2750 Ballerup, Denmark

EUT : Ernitec Mercury SX series Vandal Proof IP Dome Camera

Model Name : Mercury SX30xxxxxxx (x=0~9, A~Z or Space)

Model Differences : N/A

Measurement procedure used:

EMI : EMS:

EN55022 CLASS A: 2010 EN 50130-4:2011 EN61000-3-2 :2006+A1:2009+A2: 2009 IEC 61000-4-2 : 2008 EN 61000-3-3 :2008 IEC 61000-4-3 : 2006+A1: 2007+A2:2010 AS/NZS CISPR 22: 2009

IEC61000-4-4: 2012

IEC 61000-4-5 : 2005 IEC 61000-4-6 : 2008

IEC 61000-4-8 : 2009 IEC 61000-4-11 : 2004 Mains Supply Voltage Variations AS/NZS CISPR 24: 2009

The above equipment was tested by PEP Certification Corp. for compliance with the requirements set forth in the EUROPEAN COUNCIL Directive 2004/108/EC and the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance.

This test report shall not be reproducing in part without written approval of PEP Certification Corp.

Tested By:		Reviewed by:	
Sep. 14, 2013	S.k chang	Sep. 14, 2013	Alex Chou
Date	S.K. Chang / Engineer	Date	Alex Chou / Manager

1.1 DESCRIPTION OF THE TESTED SAMPLES

EUT

EUT Type : ☑ Engineer Type

Condition when received : ☑ Good

EUT Name : Ernitec Mercury SX series Vandal Proof IP Dome Camera

Model Number : 0070-0430xx

Receipt Date : 07/17/2013

EUT Power Rating : ☐ AC Power

☐ DC Power

☐ DCV from PC

☑ From POE Adaptor & DC12V Adaptor & AC 24V Adaptor

IO Port : RJ45 Port x 1

BNC Port x1

Alarm Port x1

1.2 SUMMARY OF TEST RESULT

Emission		
Test Standard	Test Item	Test Result
EN55022	Conducted Emission	Pass
EN55022	ISN	Pass
EN55022	Radiation Emission	Pass
EN61000-3-2	Harmonic	Pass
EN61000-3-3	Flicker	Pass
Immunity		
Test Standard	Test Item	Test Result
IEC61000-4-2	Electrostatic Discharge	Pass
IEC61000-4-3	Radiated Susceptibility	Pass
IEC61000-4-4	Electrical Fast Transient	Pass
IEC61000-4-5	Surge	Pass
IEC61000-4-6	Conducted Susceptibility	Pass
IEC61000-4-8	Magnetic Field	Pass
IEC61000-4-11	Voltage Dips and Interruption	Pass
EN 50130-4	mains supply voltage variations	Pass

1.3 IMMUNITY TESTING PERFORMANCE CRITERIA DEFINITION

A. Normal performance within limits specified by the manufacture, requestor or purchaser;

B. Temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention;

C. Temporary loss of function or degradation of performance, the correction of which requires operation intervention;

D. Loss of function or degradation of performance which is not recoverable, owing to damage to hardware or software, or loss of data.

1.3 TEST METHODOLOGY

EUT SYSTEM OPERATION

a. During testing, the interface cables and equipment positions were varied according to Europe Standard EN55022 Class A.

b. The test modes of conduction test are as below.

The test mode 1: OV2715_3X Zoom with DC 12V Adaptor

The test mode 2: OV2715_3X Zoom with AC 24V Adaptor

The test mode 3: 9P006_V-F / Moto with DC 12V Adaptor

The test mode 4: 9P006_V-F / Moto with AC 24V Adaptor

The test mode 5: AR0331_3X Zoom with DC 12V Adaptor

The test mode 6: AR0331_3X Zoom with AC 24V Adaptor

The test mode 7: OV2715_V-F / Moto with DC 12V Adaptor

The test mode 8: OV2715_V-F / Moto with AC 24V Adaptor

The test mode 9: 9P006_3X Zoom with DC 12V Adaptor

The test mode 10: 9P006_3X Zoom with AC 24V Adaptor

The test mode 11: AR0331_V-F / MOTO with DC 12V Adaptor

The test mode 12: AR0331_V-F / MOTO with AC 24V Adaptor

The test mode 13: IMX036_3X ZOOM with DC 12V Adaptor

The test mode 14: IMX036_3X ZOOM with AC 24V Adaptor

c. The test modes of radiation test are as below.

The test mode 1: OV2715_3X Zoom with DC 12V Adaptor

The test mode 2: OV2715_3X Zoom with AC 24V Adaptor

The test mode 3: OV2715_3X Zoom with POE Adaptor

The test mode 4: 9P006_V-F / Moto with DC 12V Adaptor

The test mode 5: 9P006_V-F / Moto with AC 24V Adaptor

The test mode 6: 9P006_V-F / Moto with POE Adaptor

The test mode 7: AR0331_3X Zoom with DC 12V Adaptor

The test mode 8: AR0331_3X Zoom with AC 24V Adaptor

The test mode 9: AR0331_3X Zoom with POE Adaptor

The test mode 10: OV2715_V-F / Moto with DC 12V Adaptor

The test mode 11: OV2715_V-F / Moto with AC 24V Adaptor

The test mode 12: OV2715_V-F / Moto with POE Adaptor The test mode 13: 9P006_3X Zoom with DC 12V Adaptor The test mode 14: 9P006_3X Zoom with AC 24V Adaptor

The test mode 15: 9P006_3X Zoom with POE Adaptor
The test mode 16: AR0331_V-F / MOTO with DC 12V Adaptor
The test mode 17: AR0331_V-F / MOTO with AC 24V Adaptor
The test mode 18: AR0331_V-F / MOTO with POE Adaptor
The test mode 19: IMX036_3X ZOOM with DC 12V Adaptor
The test mode 20: IMX036_3X ZOOM with AC 24V Adaptor
The test mode 21: IMX036_3X ZOOM with POE Adaptor

d. For conduction and radiation test, cause the "The test mode 2: OV2715_3X Zoom with AC 24V Adaptor" generated the worst test result, so it was reported as final data.

e. The test modes of disturbances at telecommunication ports test are as below.
The test mode 1: OV2715_3X Zoom with DC 12V Adaptor, 10Mbps
The test mode 2: OV2715_3X Zoom with DC 12V Adaptor, 100Mbps
The test mode 3: OV2715_3X Zoom with AC 24V Adaptor, 10Mbps
The test mode 4: OV2715_3X Zoom with AC 24V Adaptor, 100Mbps
The test mode 5: OV2715_3X Zoom with POE Adaptor, 10Mbps
The test mode 6: OV2715_3X Zoom with POE Adaptor, 100Mbps
The test mode 7: 9P006_V-F / Moto with DC 12V Adaptor, 10Mbps
The test mode 8: 9P006_V-F / Moto with DC 12V Adaptor, 100Mbps
The test mode 9: 9P006_V-F / Moto with AC 24V Adaptor, 10Mbps
The test mode 10: 9P006_V-F / Moto with AC 24V Adaptor, 100Mbps
The test mode 11: 9P006_V-F / Moto with POE Adaptor, 10Mbps
The test mode 12: 9P006_V-F / Moto with POE Adaptor, 100Mbps
The test mode 13: AR0331_3X Zoom with DC 12V Adaptor, 10Mbps
The test mode 14: AR0331_3X Zoom with DC 12V Adaptor, 100Mbps
The test mode 15: AR0331_3X Zoom with AC 24V Adaptor, 10Mbps
The test mode 16: AR0331_3X Zoom with AC 24V Adaptor, 100Mbps
The test mode 17: AR0331_3X Zoom with POE Adaptor, 10Mbps
The test mode 18: AR0331_3X Zoom with POE Adaptor, 100Mbps
The test mode 19: OV2715_V-F / Moto with DC 12V Adaptor, 10Mbps
The test mode 20: OV2715_V-F / Moto with DC 12V Adaptor, 100Mbps

The test mode 21: OV2715_V-F / Moto with AC 24V Adaptor, 10Mbps
The test mode 22: OV2715_V-F / Moto with AC 24V Adaptor, 100Mbps
The test mode 23: OV2715_V-F / Moto with POE Adaptor, 10Mbps The test mode 24: OV2715_V-F / Moto with POE Adaptor, 100Mbps The test mode 25: 9P006_3X Zoom with DC 12V Adaptor, 10Mbps
The test mode 26: 9P006_3X Zoom with DC 12V Adaptor, 100Mbps
The test mode 27: 9P006_3X Zoom with AC 24V Adaptor, 10Mbps
The test mode 28: 9P006_3X Zoom with AC 24V Adaptor, 100Mbps
The test mode 29: 9P006_3X Zoom with POE Adaptor, 10Mbps
The test mode 30: 9P006_3X Zoom with POE Adaptor, 100Mbps
The test mode 31: AR0331_V-F / MOTO with DC 12V Adaptor, 10Mbps
The test mode 32: AR0331_V-F / MOTO with DC 12V Adaptor, 100Mbps
The test mode 33: AR0331_V-F / MOTO with AC 24V Adaptor, 10Mbps
The test mode 34: AR0331_V-F / MOTO with AC 24V Adaptor, 100Mbps
The test mode 35: AR0331_V-F / MOTO with POE Adaptor, 10Mbps
The test mode 36: AR0331_V-F / MOTO with POE Adaptor, 100Mbps
The test mode 37: IMX036_3X ZOOM with DC 12V Adaptor, 10Mbps
The test mode 38: IMX036_3X ZOOM with DC 12V Adaptor, 100Mbps
The test mode 39: IMX036_3X ZOOM with AC 24V Adaptor, 10Mbps
The test mode 40: IMX036_3X ZOOM with AC 24V Adaptor, 100Mbps
The test mode 41: IMX036_3X ZOOM with POE Adaptor, 10Mbps
The test mode 42: IMX036_3X ZOOM with POE Adaptor, 100Mbps

f. Test modes of all EMS test are as below.
The test mode 1: DC 12V Adaptor The test mode 2: AC 24V Adaptor The test mode 3: POE Adaptor

1.4 DESCRIPTION OF THE SUPPORT EQUIPMENT

Setup Diagram

See test photographs in report.

Support Equipment

Peripherals Devices:

OUTSIDE SUPPORT EQUIPMENT							
No.	Equipment	Model	Serial No.	FCC ID/ BSMI ID	Trade name	Data Cable	Power Cord
1.	NB	8985 N/A	N/A	N/A	Acer	N/A	Unshielded 1.8m
2.	Monitor	N/A	N/A	N/A	SONY	Shielded 1.8m	Unshielded 1.8m

Note: All the above equipment/cable were placed in worse case position to maximize emission signals during emission test.

Grounding: Grounding w as in accordance with the manufacturer's requirement and conditions for the intended use.

1.5 FEATURES OF EUT: PLEASE REFER TO USER MANUAL OR PRODUCT SPECIFICATION.

2. INSTRUMENT AND CALIBRATION

2.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in the report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

2.2 TEST AND MEASUREMENT EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and other required standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective.

TABLE LIST OF TEST AND MEASUREMENT EQUIPMENT

Test Site	Instrument	Manufacturer	Model No.	S/N	Next Cal. Date	Cal. Interval
Conduction	Receiver	R&S	ESHS10	830223/008	Nov. 23, 2013	1 Year
	Spectrum Analyzer	ADVANTEST	R3261C	87120343	Mar. 18, 2014	1 Year
	RF Cable	MIYAZAKI & Anritsu	RG58A0 & MP59B	M79094	Apr. 08, 2014	1 Year
	L.I.S.N	Rolf Heine Hochfrequenztechni k	NNB-2/16z	98062	Jan. 16, 2014	1 Year

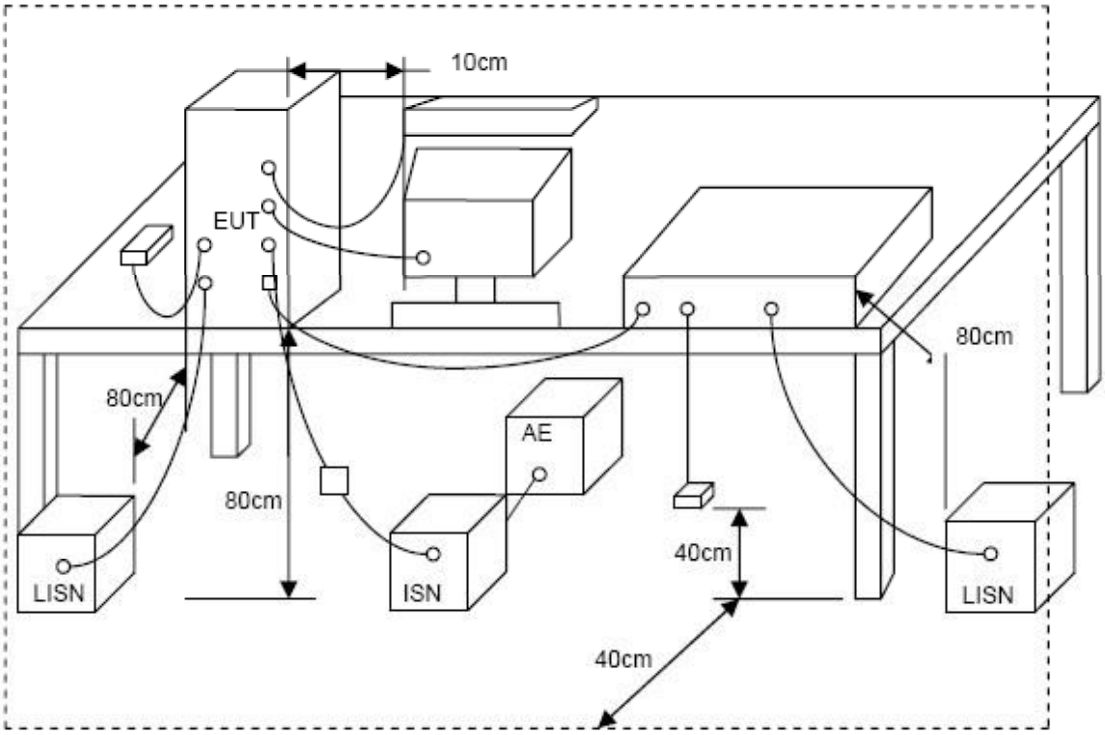
	EMI Test Receiver	R&S	EAHS-10	1093.4495.03	Mar. 21, 2014	1Year
	Click Analyzer	Schaffner	DIA1512C	5218	June 15, 2014	1 Year
Radiation	Spectrum Analyzer	Nex1	NS-265	NO5044006	Aug. 04, 2014	1 Year
	Antenna	Schwarzbeck	VULB 9161	4077	Feb. 02, 2014	1 Year
	RF Cable	N/A	N/A	N/A	Jan. 18, 2014	1 Year
	Pre-Amp	Schaffner	CPA-9232	1012	Jan. 20, 2014	1 Year
EMS	Harmonic/ Flicker	EMC-PARTNER	HAR-1000	066	Sep. 27, 2013	1 Year
	ESD Simulator	NOISEKEN	ESS-2002		51 Mar. 18. 2014	1 Year
	EFT Noise Generator	EMC-PARTNER	TRANSIENT -2000	N/A	Sep. 03, 2013	1 Year
	Surge Tester	EMC-PARTNET	TRANSIENT -2000	N/A	Mar. 17, 2014	1 Year
	CDN	FRANKONIA	CDN M2+M3	A3011021	Nov. 23, 2013	1 Year
	T4 CDN	FRANKONIA	CDN-RJ45	A3023011	Nov. 17, 2013	1 Year
	Conducted Immunity Test System	FRANKONIA	CIT-10175	102C3117	Nov. 23, 2013	1Year

2.3 MEASUREMENT UNCERTAINTY

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30. MHz	LINE/NEUTRAL	1.78 dB
Radiated Emission	30 MHz ~ 1,000 MHz	Vertical / Horizontal	1.96 dB
	1,000 MHz ~ 6,000 MHz	Vertical / Horizontal	3.00 dB

3. CONDUCTED EMISSION MEASUREMENT

3.1 TEST SET-UP



3.2 TEST LIMITS

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9kHz and return leads of the EUT according to the methods defined in European Standard EN55022. The EUT was placed on a nonmetallic stand in a shield room 0.8 meters above the ground plane as shown in section 3.1. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position producing maximum conducted emissions.

Table 1: Class A Line Conducted Emission Limits

Frequency range (MHz)	Limits (dB (μV)	
	Quasi Peak	Average
0.15 to 0.50	79	66
0.50 to 30	73	60
Note: The lower limits shall apply at the transition frequencies.		

Table 2: Limits of conducted common mode (asymmetric mode) disturbance at telecommunication ports in the frequency range 0.15MHz to 30MHz for Class A equipment

Frequency Range	Voltage limits dB(μV)		Current limits dB(μA)	
	Quasi Peak	Average	Quasi Peak	Average
0.15 ~ 0.5 MHz	97 - 87	84 74	53 - 43	40 30
0.5 ~ 30 MHz	87	74	43	30

Note 1: The limits decrease linearly with the logarithm of the frequency in the range 0.15 to 0.5 MHz.

Note 2: The current and voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which presents a common mode (asymmetric mode) impedance of 150 Ω to the telecommunication under test (conversion factor is 20 $\log_{10}$ 150/1 = 44dB)

3.3 TEST PROCEDURES

a. The EUT was placed on a desk 0.8 meters height from the metal ground plane and 0.4 meter from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
b. Connect EUT to the power mains trough a line impedance stabilization network (LISN).
c. All the support units are connecting to the other LISN.
d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
e. The CISPR states that a 50 ohm, 50 micro-Henry LISN should be used.
f. Both sides of AC line were checked for maximum conducted interference.
g. The frequency range from 150 kHz to 30MHz was searched.
h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

3.4 TEST RESULT:

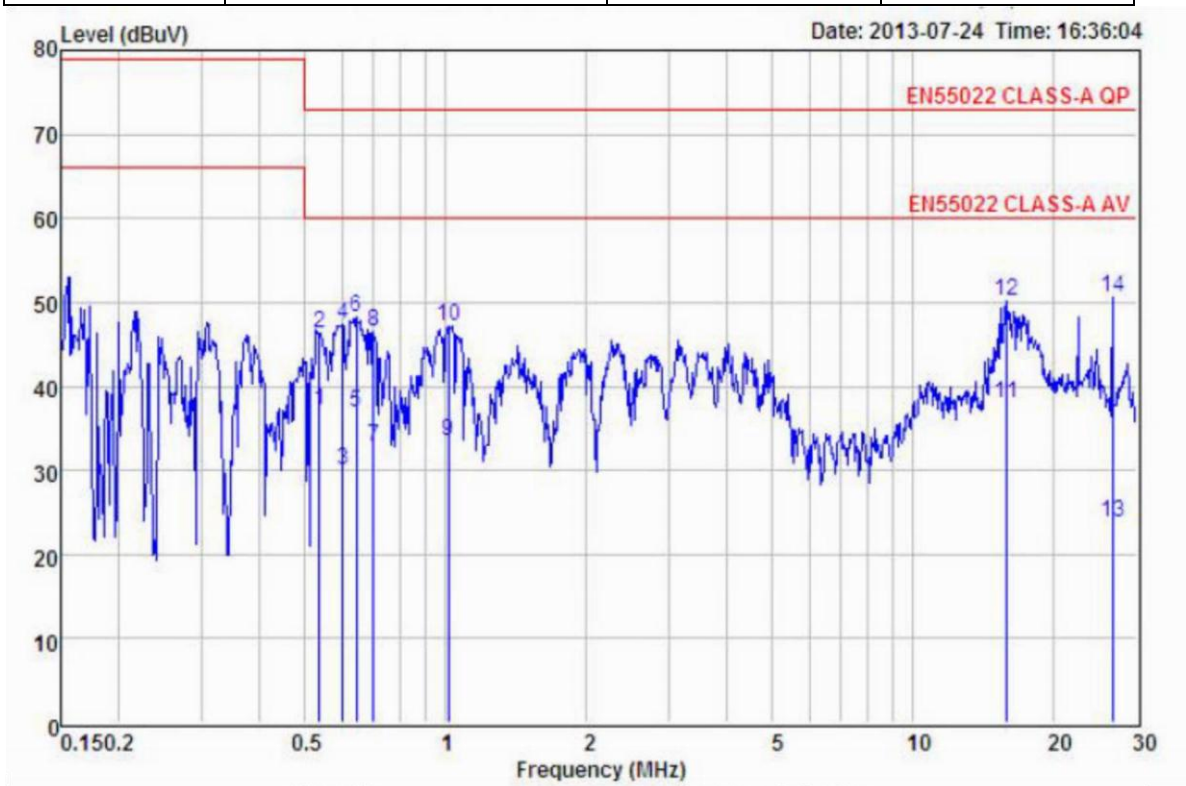
3.4.1 Conducted emission for power port test result: PASSED.
3.4.2 Conducted emission for telecommunication port test result:

PASSED.

3.5 TEST DATA:

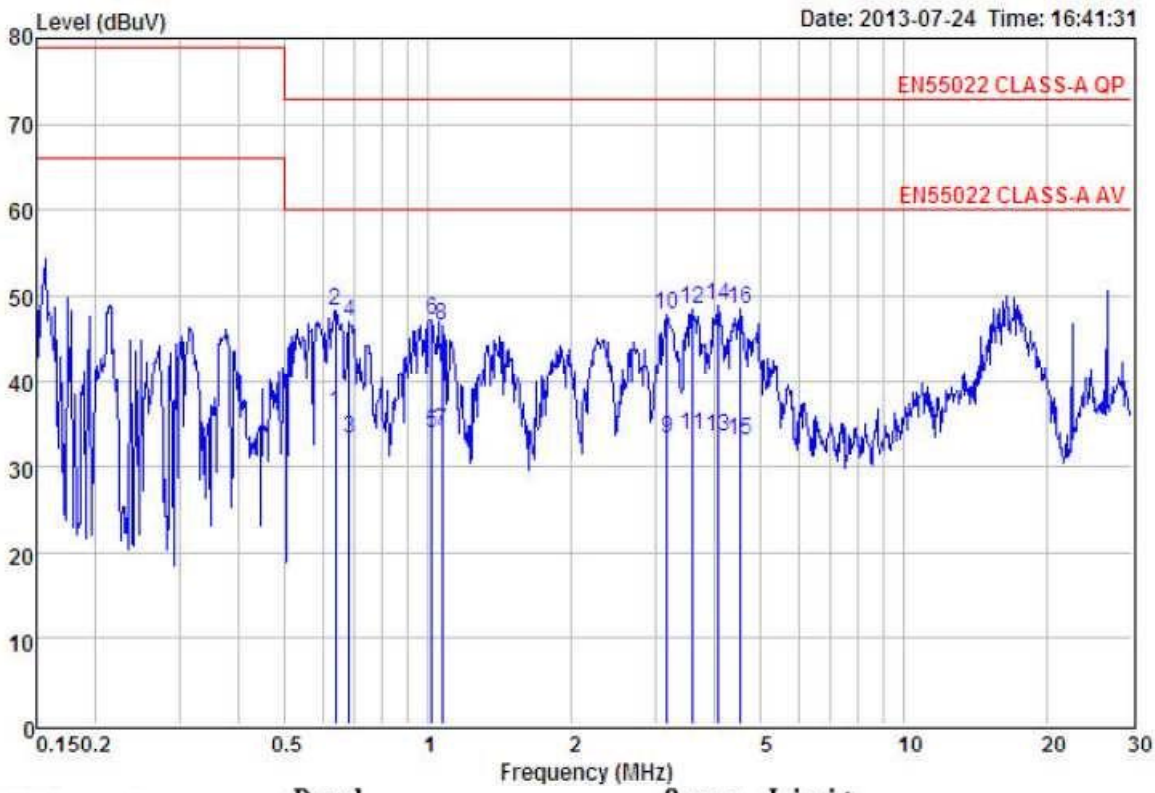
Conducted emission for power port test data:

Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



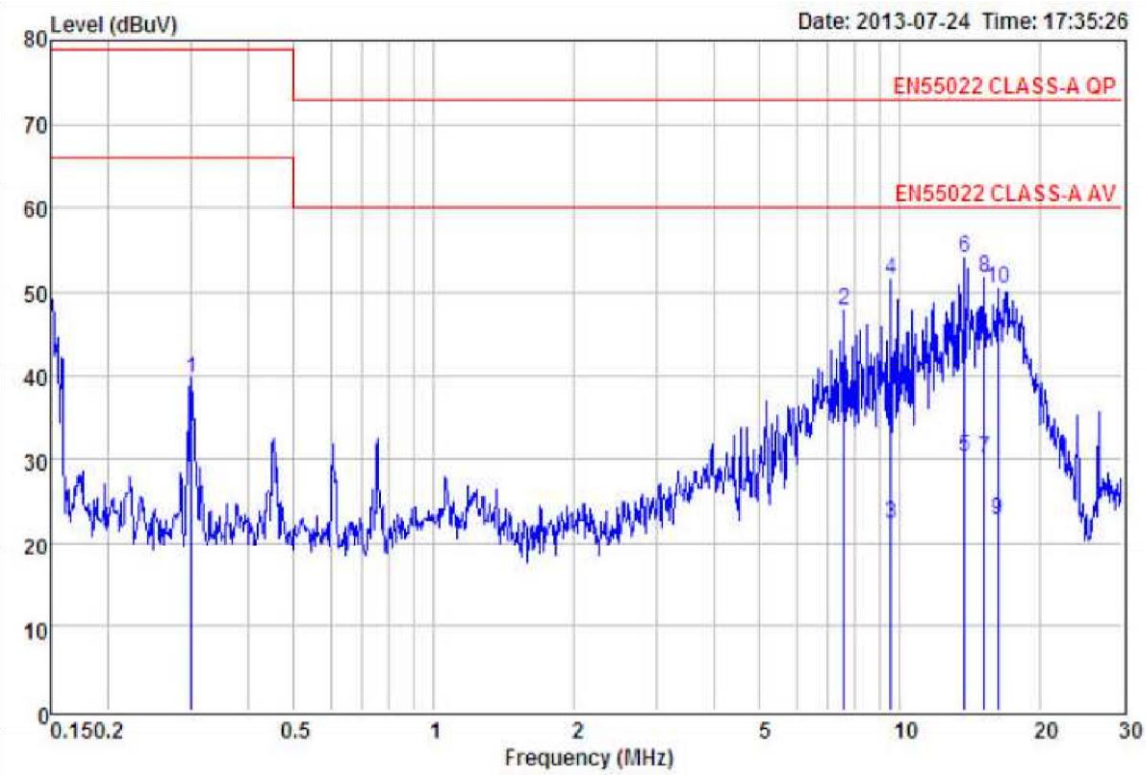
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.53	37.03	37.20	0.17	-22.80	60.00	Average
2	0.53	46.19	46.36	0.17	-26.64	73.00	Peak
3	0.60	29.92	30.10	0.18	-29.90	60.00	Average
4	0.60	47.26	47.44	0.18	-25.56	73.00	Peak
5	0.64	36.72	36.90	0.18	-23.10	60.00	Average
6	0.64	48.12	48.30	0.18	-24.70	73.00	Peak
7	0.70	32.62	32.80	0.18	-27.20	60.00	Average
8	0.70	46.34	46.52	0.18	-26.48	73.00	Peak
9	1.01	33.19	33.40	0.21	-26.60	60.00	Average
10	1.01	46.96	47.17	0.21	-25.83	73.00	Peak
11	15.89	37.04	37.90	0.86	-22.10	60.00	Average
12	15.89	49.43	50.29	0.86	-22.71	73.00	Peak
13	26.70	22.48	23.70	1.22	-36.30	60.00	Average
14	26.70	49.38	50.60	1.22	-22.40	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.64	36.04	36.20	0.16	-23.80	60.00	Average
2	0.64	48.09	48.25	0.16	-24.75	73.00	Peak
3	0.68	33.04	33.20	0.16	-26.80	60.00	Average
4	0.68	46.92	47.08	0.16	-25.92	73.00	Peak
5	1.02	33.71	33.90	0.19	-26.10	60.00	Average
6	1.02	47.10	47.29	0.19	-25.71	73.00	Peak
7	1.07	33.90	34.10	0.20	-25.90	60.00	Average
8	1.07	46.34	46.54	0.20	-26.46	73.00	Peak
9	3.17	32.83	33.20	0.37	-26.80	60.00	Average
10	3.17	47.37	47.74	0.37	-25.26	73.00	Peak
11	3.58	33.32	33.70	0.38	-26.30	60.00	Average
12	3.58	48.20	48.58	0.38	-24.42	73.00	Peak
13	4.05	33.00	33.40	0.40	-26.60	60.00	Average
14	4.05	48.51	48.91	0.40	-24.09	73.00	Peak
15	4.53	32.67	33.10	0.43	-26.90	60.00	Average
16	4.53	48.00	48.43	0.43	-24.57	73.00	Peak

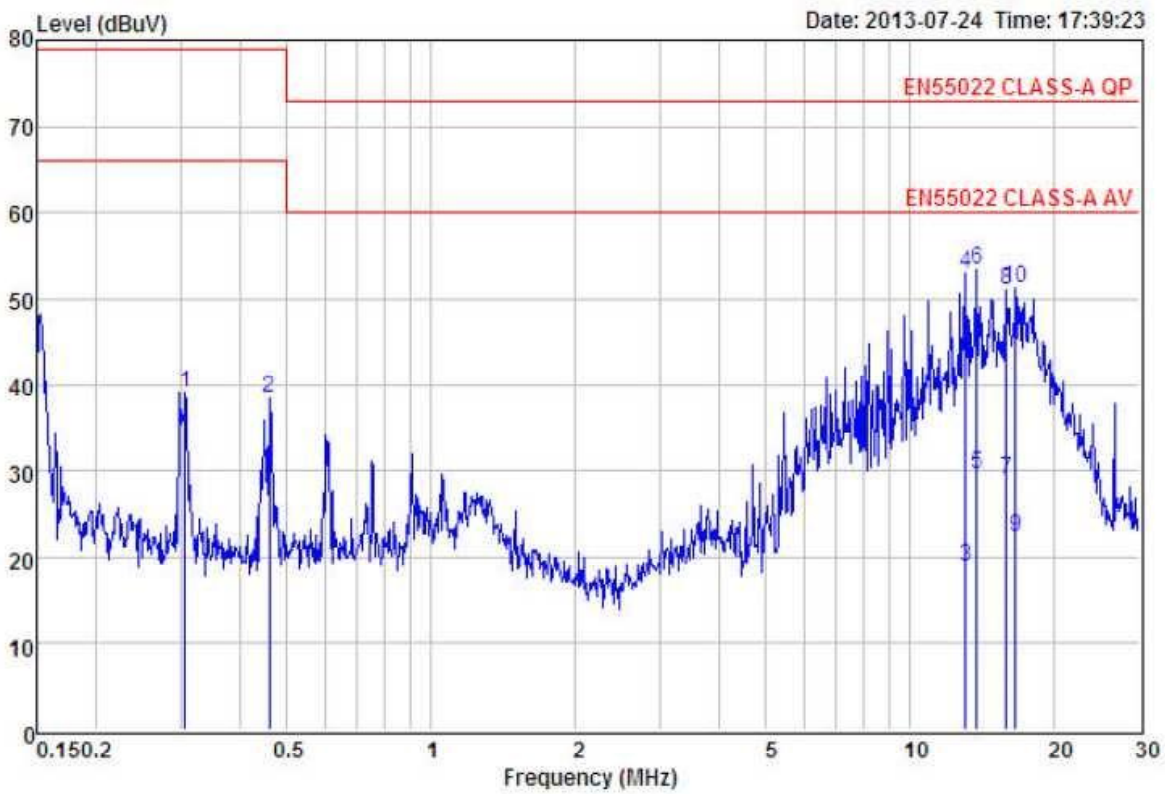
Power:	AC 24V Adaptor	Pol/Phase:	Line
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



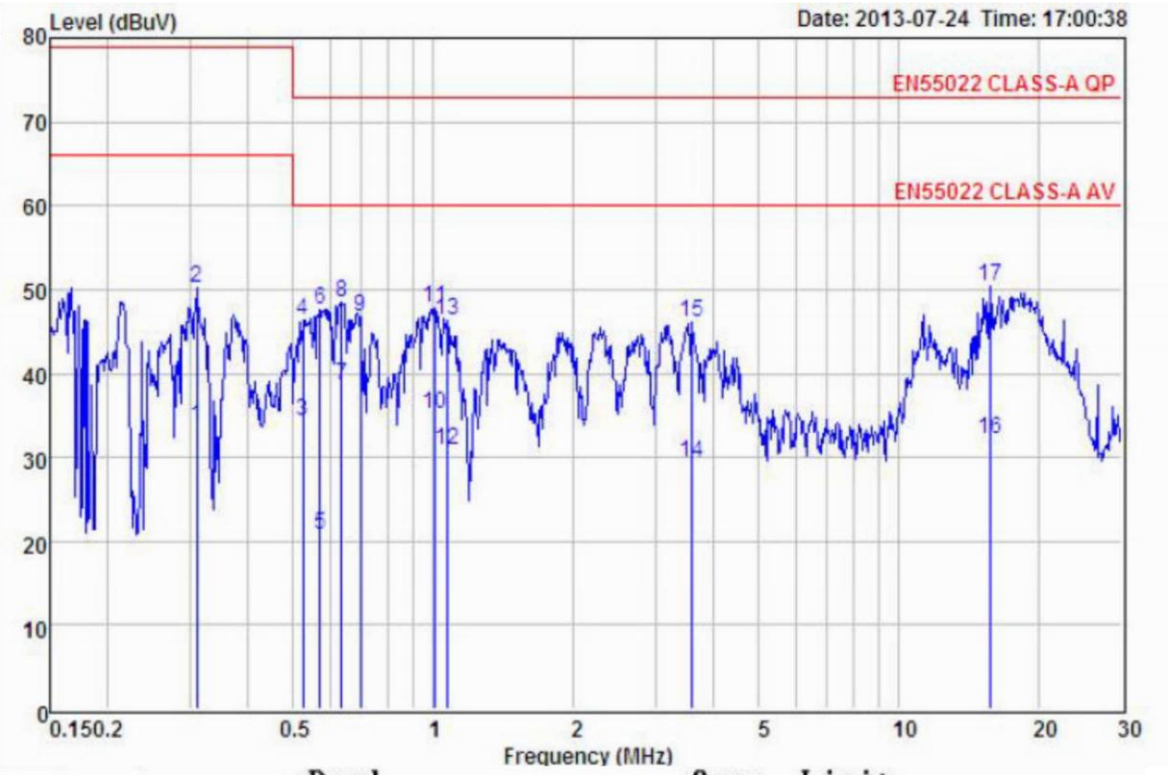
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	39.50	39.65	0.15	-39.35	79.00	Peak
2	7.57	47.22	47.80	0.58	-25.20	73.00	Peak
3	9.55	21.68	22.30	0.62	-37.70	60.00	Average
4	9.55	50.86	51.48	0.62	-21.52	73.00	Peak
5	13.77	29.40	30.20	0.80	-29.80	60.00	Average
6	13.77	53.30	54.10	0.80	-18.90	73.00	Peak
7	15.15	29.26	30.10	0.84	-29.90	60.00	Average
8	15.15	50.80	51.64	0.84	-21.36	73.00	Peak
9	16.23	21.94	22.80	0.86	-37.20	60.00	Average
10	16.23	49.61	50.47	0.86	-22.53	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.31	38.98	39.11	0.13	-39.89	79.00	Peak
2	0.46	38.31	38.45	0.14	-40.55	79.00	Peak
3	13.06	18.08	18.80	0.72	-41.20	60.00	Average
4	13.06	52.27	52.99	0.72	-20.01	73.00	Peak
5	13.77	28.96	29.70	0.74	-30.30	60.00	Average
6	13.77	52.57	53.31	0.74	-19.69	73.00	Peak
7	15.89	28.11	28.90	0.79	-31.10	60.00	Average
8	15.89	50.28	51.07	0.79	-21.93	73.00	Peak
9	16.57	21.49	22.30	0.81	-37.70	60.00	Average
10	16.57	50.37	51.18	0.81	-21.82	73.00	Peak

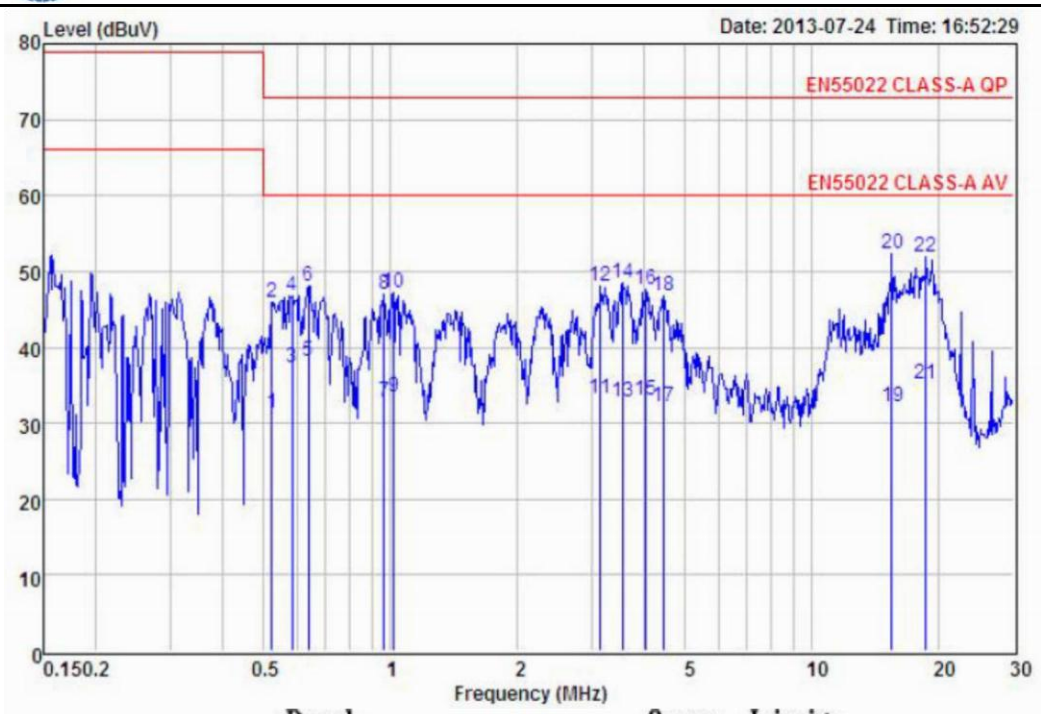


Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



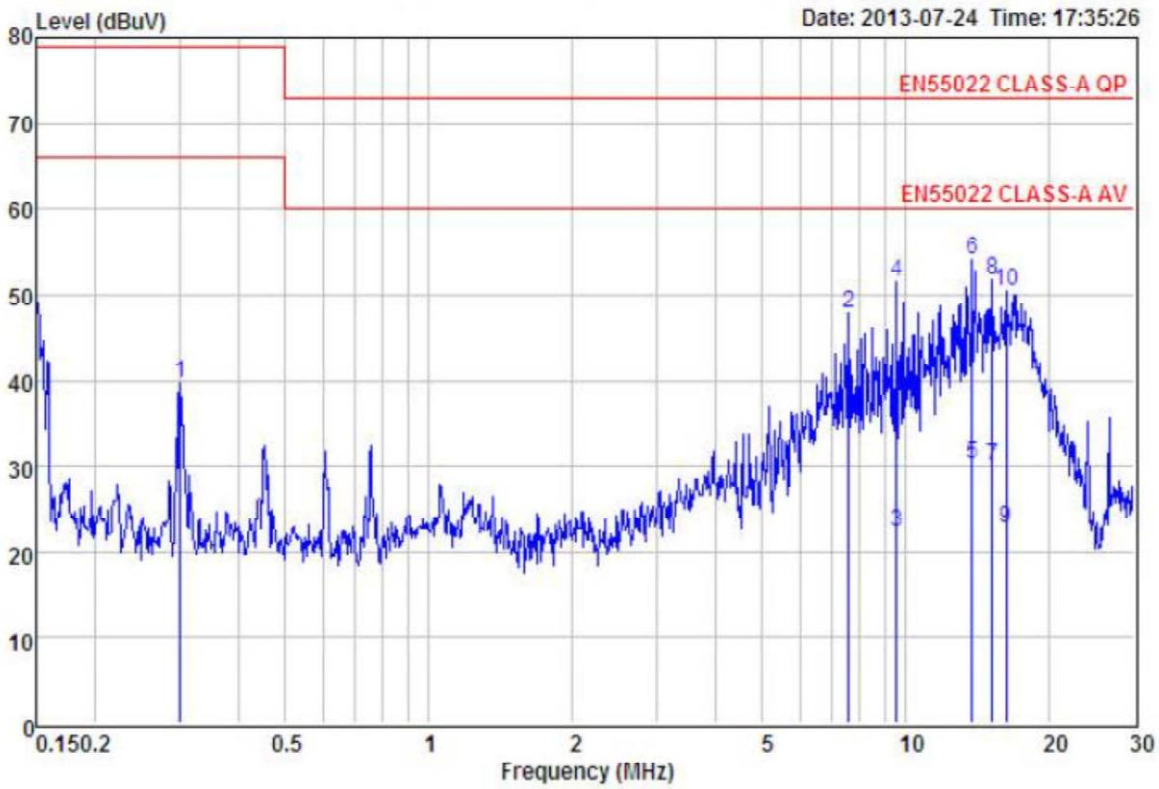
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.31	33.55	33.70	0.15	-32.30	66.00	Average
2	0.31	50.00	50.15	0.15	-28.85	79.00	Peak
3	0.52	34.23	34.40	0.17	-25.60	60.00	Average
4	0.52	46.18	46.35	0.17	-26.65	73.00	Peak
5	0.57	20.52	20.70	0.18	-39.30	60.00	Average
6	0.57	47.43	47.61	0.18	-25.39	73.00	Peak
7	0.63	38.32	38.50	0.18	-21.50	60.00	Average
8	0.63	48.39	48.57	0.18	-24.43	73.00	Peak
9	0.70	46.55	46.73	0.18	-26.27	73.00	Peak
10	1.00	34.89	35.10	0.21	-24.90	60.00	Average
11	1.00	47.54	47.75	0.21	-25.25	73.00	Peak
12	1.07	30.68	30.90	0.22	-29.10	60.00	Average
13	1.07	46.06	46.28	0.22	-26.72	73.00	Peak
14	3.58	28.90	29.30	0.40	-30.70	60.00	Average
15	3.58	45.82	46.22	0.40	-26.78	73.00	Peak
16	15.63	31.24	32.10	0.86	-27.90	60.00	Average
17	15.63	49.55	50.41	0.86	-22.59	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



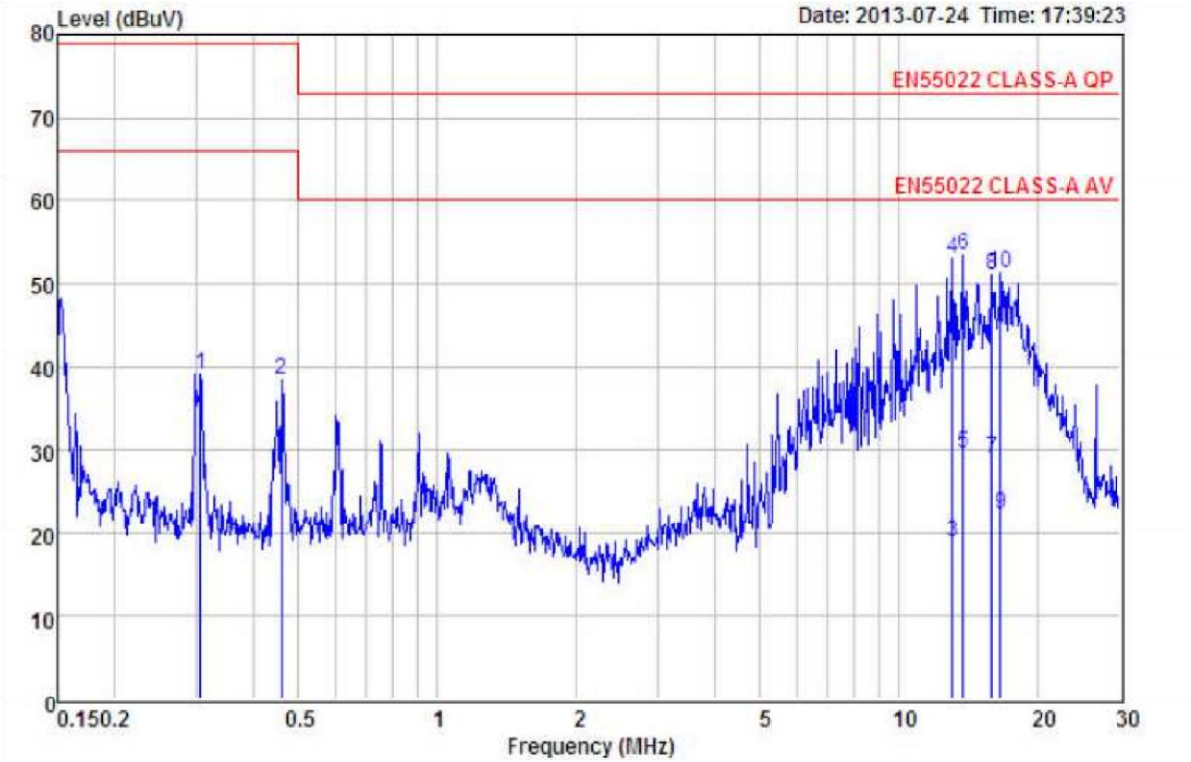
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.52	31.25	31.40	0.15	-28.60	60.00	Average
2	0.52	45.85	46.00	0.15	-27.00	73.00	Peak
3	0.58	37.14	37.30	0.16	-22.70	60.00	Average
4	0.58	46.67	46.83	0.16	-26.17	73.00	Peak
5	0.64	38.04	38.20	0.16	-21.80	60.00	Average
6	0.64	47.81	47.97	0.16	-25.03	73.00	Peak
7	0.96	32.61	32.80	0.19	-27.20	60.00	Average
8	0.96	46.71	46.90	0.19	-26.10	73.00	Peak
9	1.02	33.31	33.50	0.19	-26.50	60.00	Average
10	1.02	47.04	47.23	0.19	-25.77	73.00	Peak
11	3.14	32.84	33.20	0.36	-26.80	60.00	Average
12	3.14	47.73	48.09	0.36	-24.91	73.00	Peak
13	3.57	32.42	32.80	0.38	-27.20	60.00	Average
14	3.57	48.01	48.39	0.38	-24.61	73.00	Peak
15	4.03	32.70	33.10	0.40	-26.90	60.00	Average
16	4.03	47.28	47.68	0.40	-25.32	73.00	Peak
17	4.45	31.77	32.20	0.43	-27.80	60.00	Average
18	4.45	46.43	46.86	0.43	-26.14	73.00	Peak
19	15.47	31.41	32.20	0.79	-27.80	60.00	Average
20	15.47	51.46	52.25	0.79	-20.75	73.00	Peak
21	18.62	34.26	35.10	0.84	-24.90	60.00	Average
22	18.62	51.03	51.87	0.84	-21.13	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Line
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	39.50	39.65	0.15	-39.35	79.00	Peak
2	7.57	47.22	47.80	0.58	-25.20	73.00	Peak
3	9.55	21.68	22.30	0.62	-37.70	60.00	Average
4	9.55	50.86	51.48	0.62	-21.52	73.00	Peak
5	13.77	29.40	30.20	0.80	-29.80	60.00	Average
6	13.77	53.30	54.10	0.80	-18.90	73.00	Peak
7	15.15	29.26	30.10	0.84	-29.90	60.00	Average
8	15.15	50.80	51.64	0.84	-21.36	73.00	Peak
9	16.23	21.94	22.80	0.86	-37.20	60.00	Average
10	16.23	49.61	50.47	0.86	-22.53	73.00	Peak

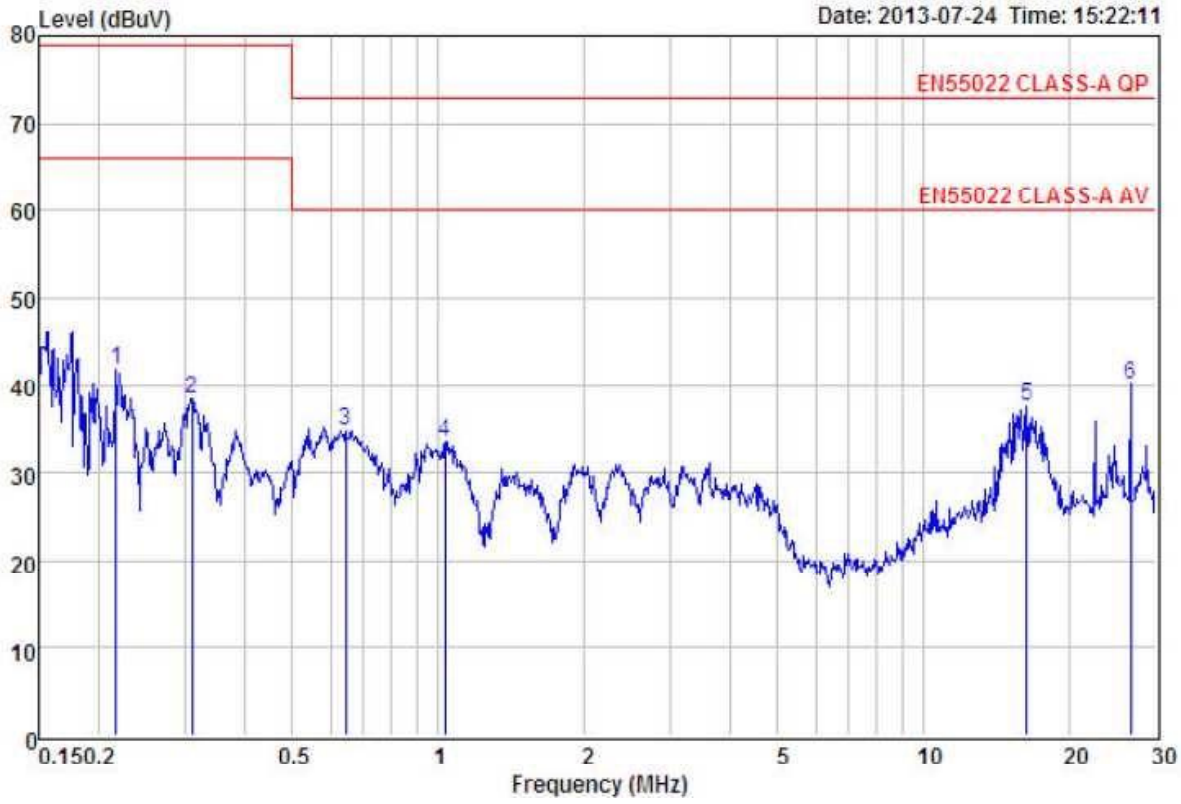
Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.31	38.98	39.11	0.13	-39.89	79.00	Peak
2	0.46	38.31	38.45	0.14	-40.55	79.00	Peak
3	13.06	18.08	18.80	0.72	-41.20	60.00	Average
4	13.06	52.27	52.99	0.72	-20.01	73.00	Peak
5	13.77	28.96	29.70	0.74	-30.30	60.00	Average
6	13.77	52.57	53.31	0.74	-19.69	73.00	Peak
7	15.89	28.11	28.90	0.79	-31.10	60.00	Average
8	15.89	50.28	51.07	0.79	-21.93	73.00	Peak
9	16.57	21.49	22.30	0.81	-37.70	60.00	Average
10	16.57	50.37	51.18	0.81	-21.82	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Line

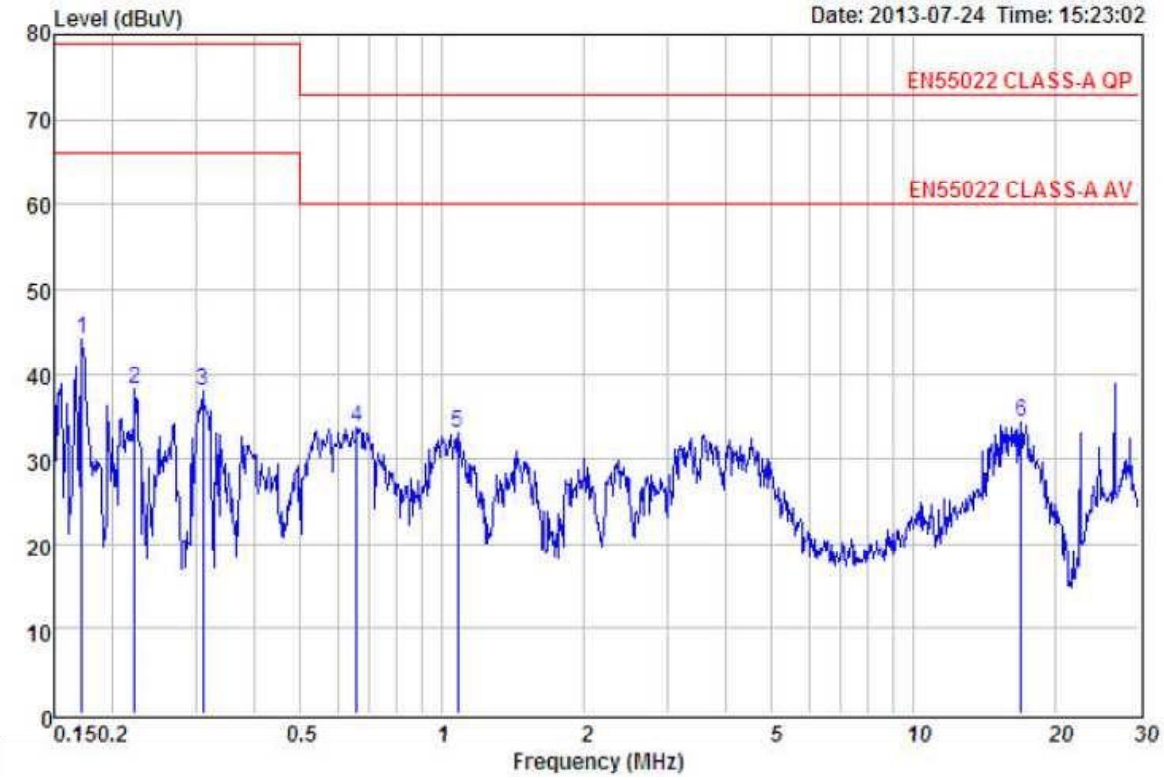
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	41.68	41.82	0.14	-37.18	79.00	Peak
2	0.31	38.29	38.44	0.15	-40.56	79.00	Peak
3	0.64	34.65	34.83	0.18	-38.17	73.00	Peak
4	1.03	33.31	33.52	0.21	-39.48	73.00	Peak
5	16.31	36.58	37.44	0.86	-35.56	73.00	Peak
6	26.70	38.79	40.01	1.22	-32.99	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral

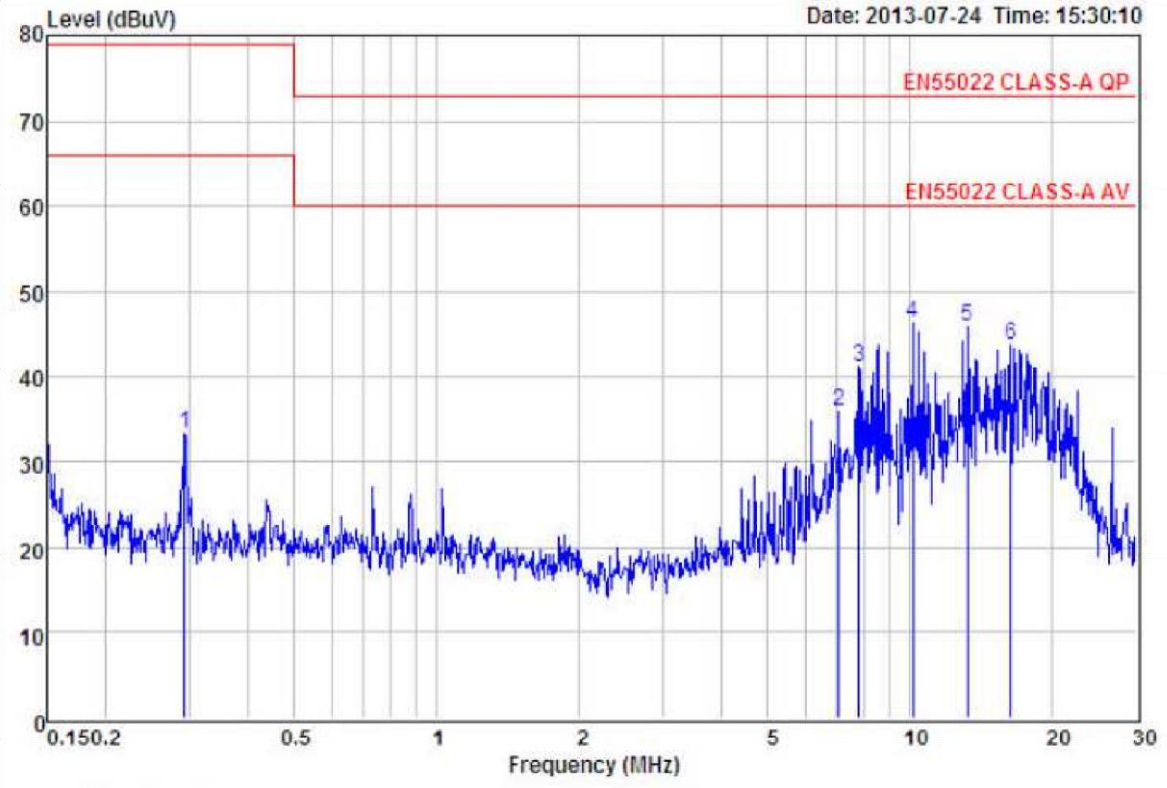
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.17	43.96	44.10	0.14	-34.90	79.00	Peak
2	0.22	38.12	38.25	0.13	-40.75	79.00	Peak
3	0.31	37.77	37.90	0.13	-41.10	79.00	Peak
4	0.66	33.42	33.58	0.16	-39.42	73.00	Peak
5	1.08	32.92	33.12	0.20	-39.88	73.00	Peak
6	16.84	33.56	34.37	0.81	-38.63	73.00	Peak

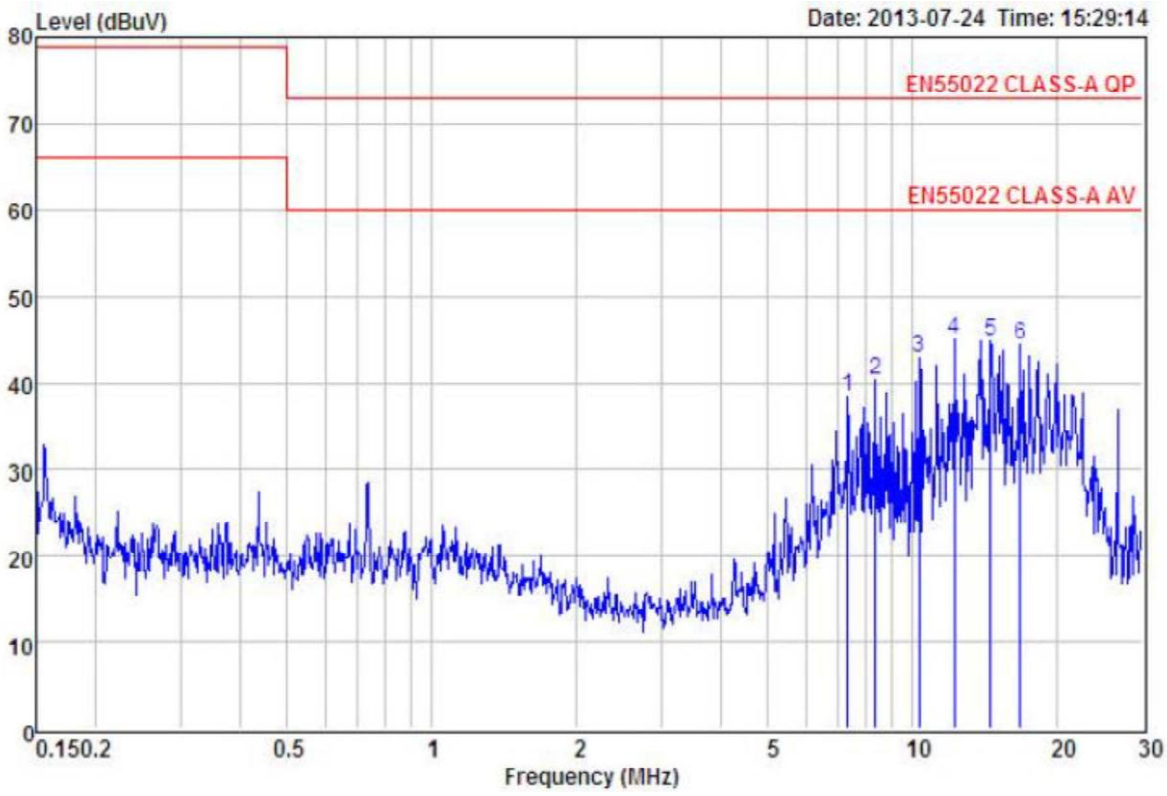
Power:	AC 24V Adaptor	Pol/Phase:	Line

Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



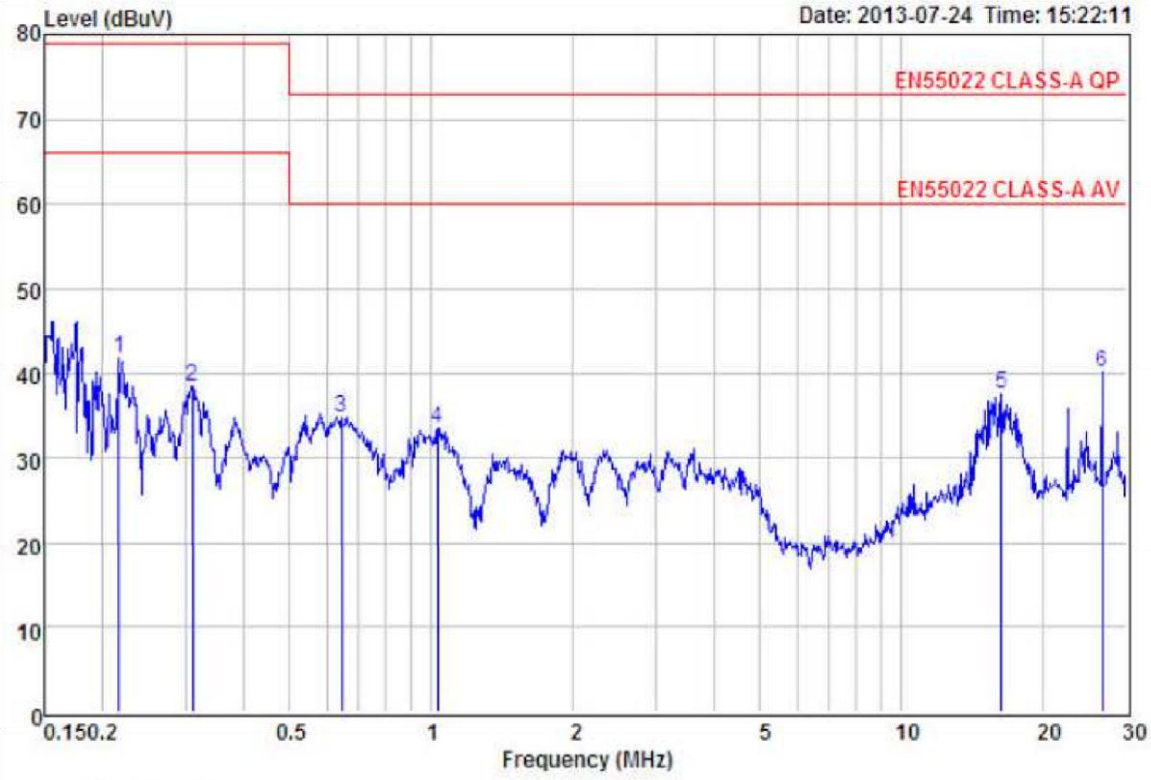
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	33.13	33.28	0.15	-45.72	79.00	Peak
2	7.06	35.33	35.89	0.56	-37.11	73.00	Peak
3	7.77	40.61	41.19	0.58	-31.81	73.00	Peak
4	10.13	45.68	46.32	0.64	-26.68	73.00	Peak
5	13.20	45.22	46.00	0.78	-27.00	73.00	Peak
6	16.31	42.97	43.83	0.86	-29.17	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	7.33	37.95	38.48	0.53	-34.52	73.00	Peak
2	8.37	39.81	40.37	0.56	-32.63	73.00	Peak
3	10.29	42.19	42.80	0.61	-30.20	73.00	Peak
4	12.19	44.31	44.99	0.68	-28.01	73.00	Peak
5	14.52	44.13	44.89	0.76	-28.11	73.00	Peak
6	16.75	43.68	44.49	0.81	-28.51	73.00	Peak

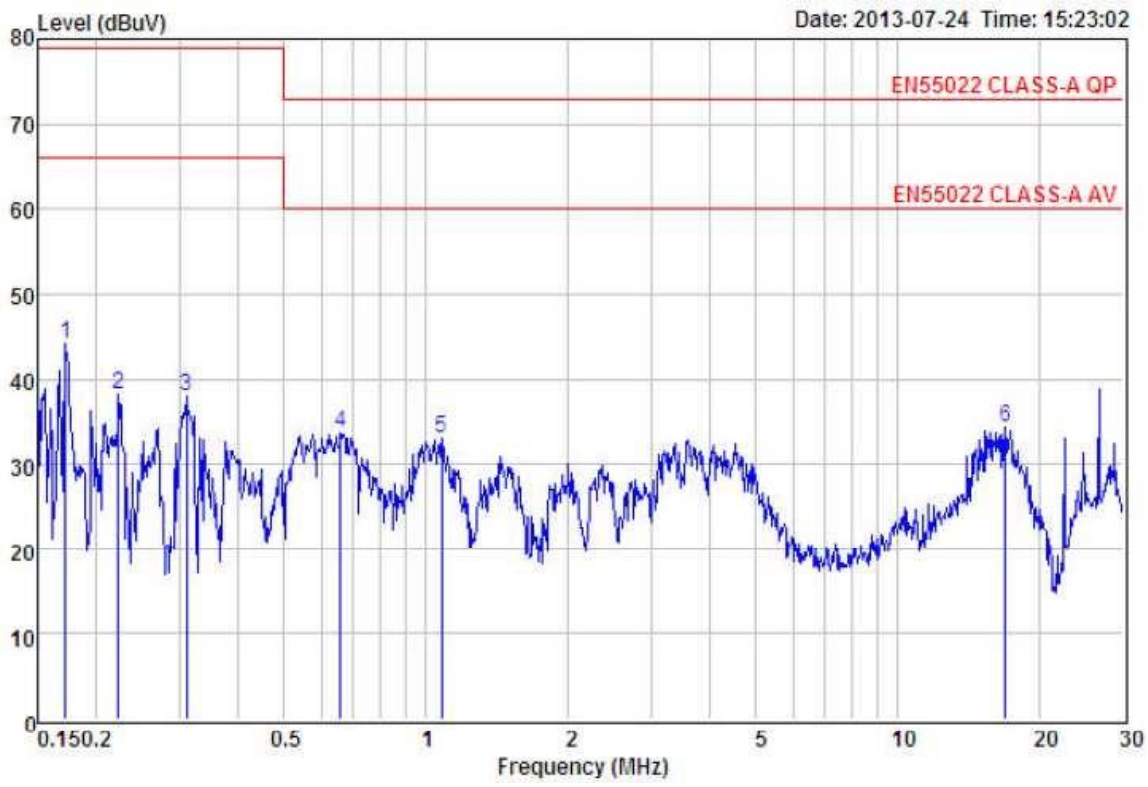
Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	41.68	41.82	0.14	-21.14	62.96	Peak
2	0.31	38.29	38.44	0.15	-21.53	59.97	Peak
3	0.64	34.65	34.83	0.18	-21.17	56.00	Peak
4	1.03	33.31	33.52	0.21	-22.48	56.00	Peak
5	16.31	36.58	37.44	0.86	-22.56	60.00	Peak
6	26.70	38.79	40.01	1.22	-19.99	60.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral

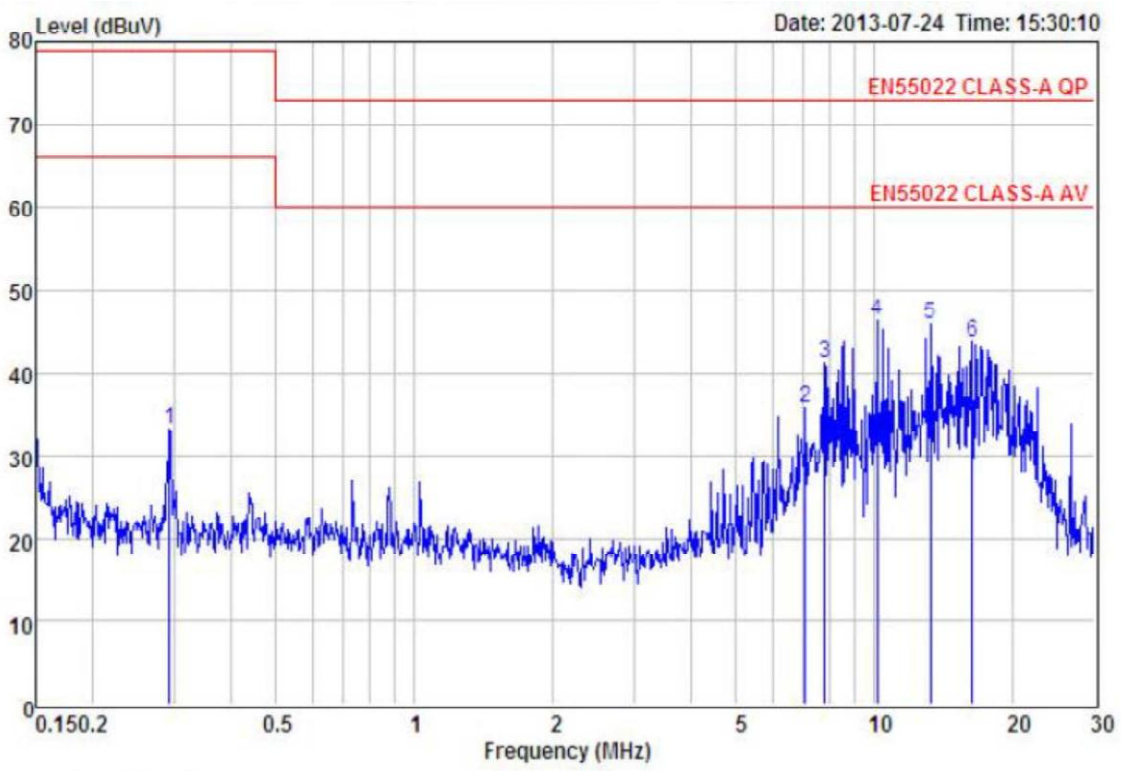
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.17	43.96	44.10	0.14	-34.90	79.00	Peak
2	0.22	38.12	38.25	0.13	-40.75	79.00	Peak
3	0.31	37.77	37.90	0.13	-41.10	79.00	Peak
4	0.66	33.42	33.58	0.16	-39.42	73.00	Peak
5	1.08	32.92	33.12	0.20	-39.88	73.00	Peak
6	16.84	33.56	34.37	0.81	-38.63	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Line

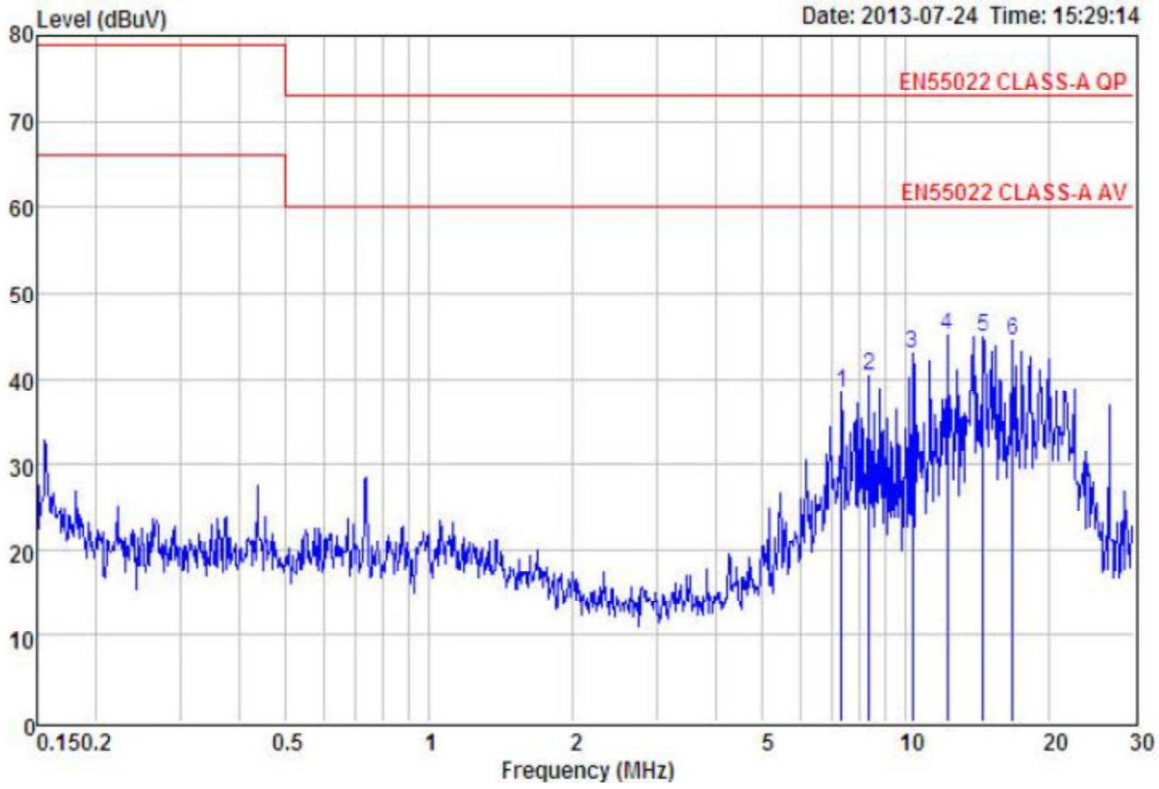
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	33.13	33.28	0.15	-45.72	79.00	Peak
2	7.06	35.33	35.89	0.56	-37.11	73.00	Peak
3	7.77	40.61	41.19	0.58	-31.81	73.00	Peak
4	10.13	45.68	46.32	0.64	-26.68	73.00	Peak
5	13.20	45.22	46.00	0.78	-27.00	73.00	Peak
6	16.31	42.97	43.83	0.86	-29.17	73.00	Peak

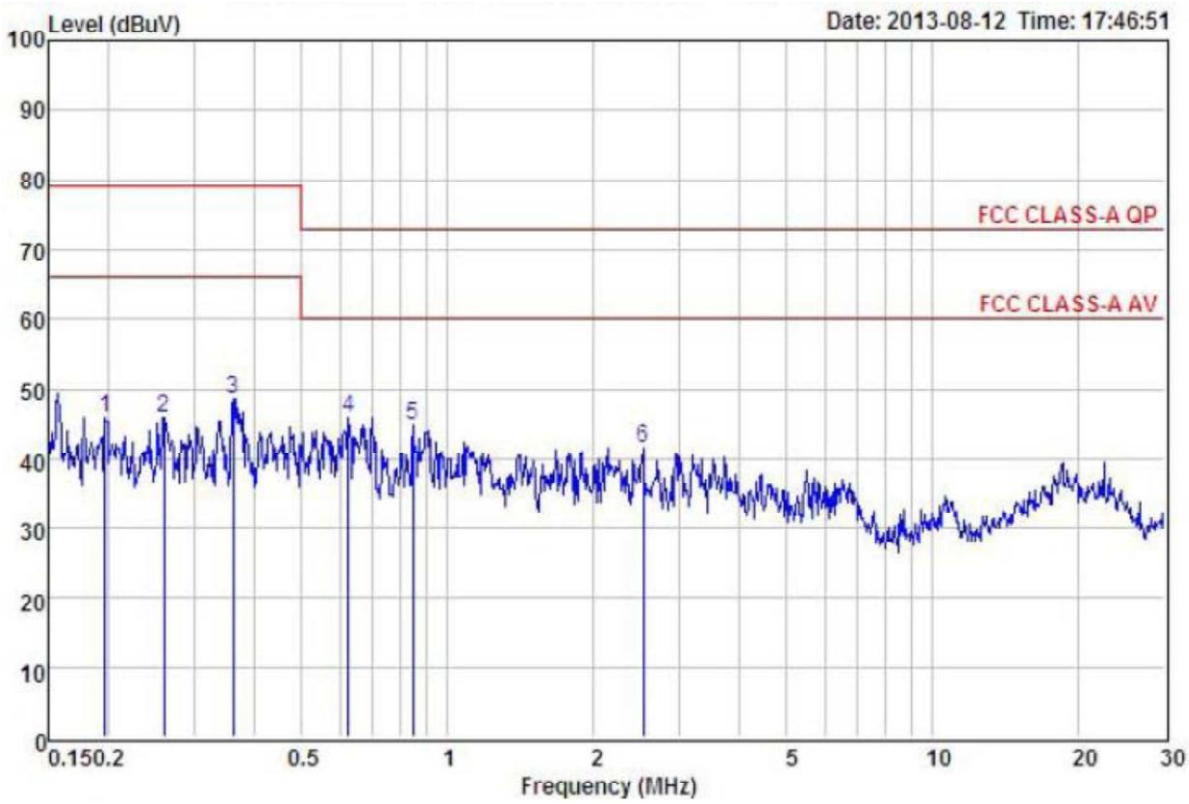
Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	25℃

Test Date:	Jul. 24, 2013	Humidity:	43%



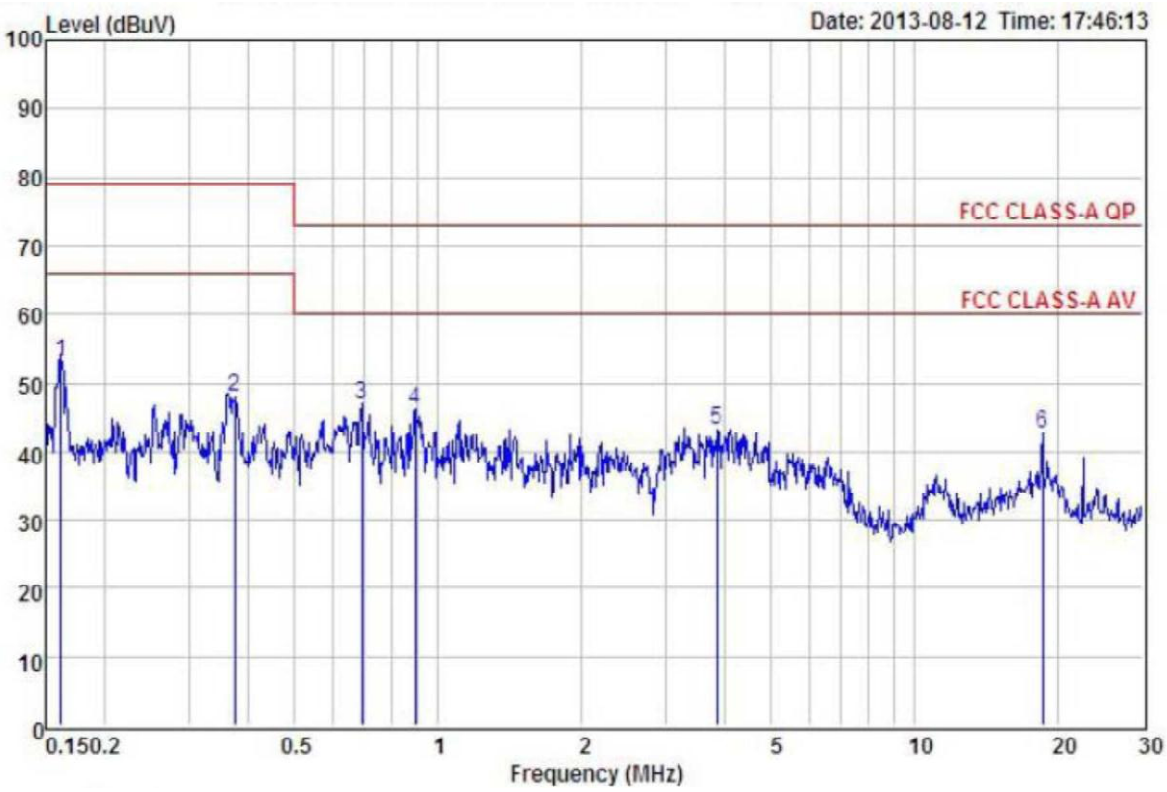
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	7.33	37.95	38.48	0.53	-34.52	73.00	Peak
2	8.37	39.81	40.37	0.56	-32.63	73.00	Peak
3	10.29	42.19	42.80	0.61	-30.20	73.00	Peak
4	12.19	44.31	44.99	0.68	-28.01	73.00	Peak
5	14.52	44.13	44.89	0.76	-28.11	73.00	Peak
6	16.75	43.68	44.49	0.81	-28.51	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



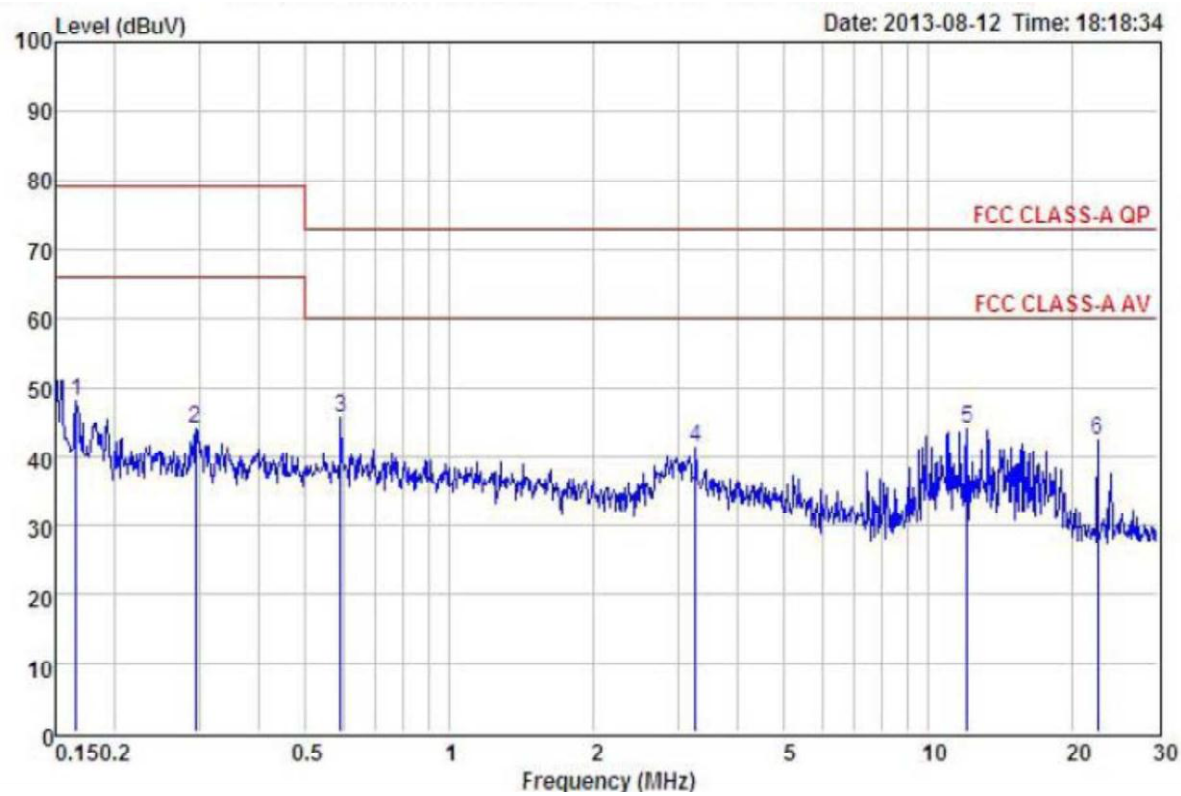
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.20	45.73	45.87	0.14	-33.13	79.00	Peak
2	0.26	45.66	45.80	0.14	-33.20	79.00	Peak
3	0.36	48.28	48.44	0.16	-30.56	79.00	Peak
4	0.62	45.63	45.81	0.18	-27.19	73.00	Peak
5	0.85	44.53	44.73	0.20	-28.27	73.00	Peak
6	2.53	41.25	41.59	0.34	-31.41	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



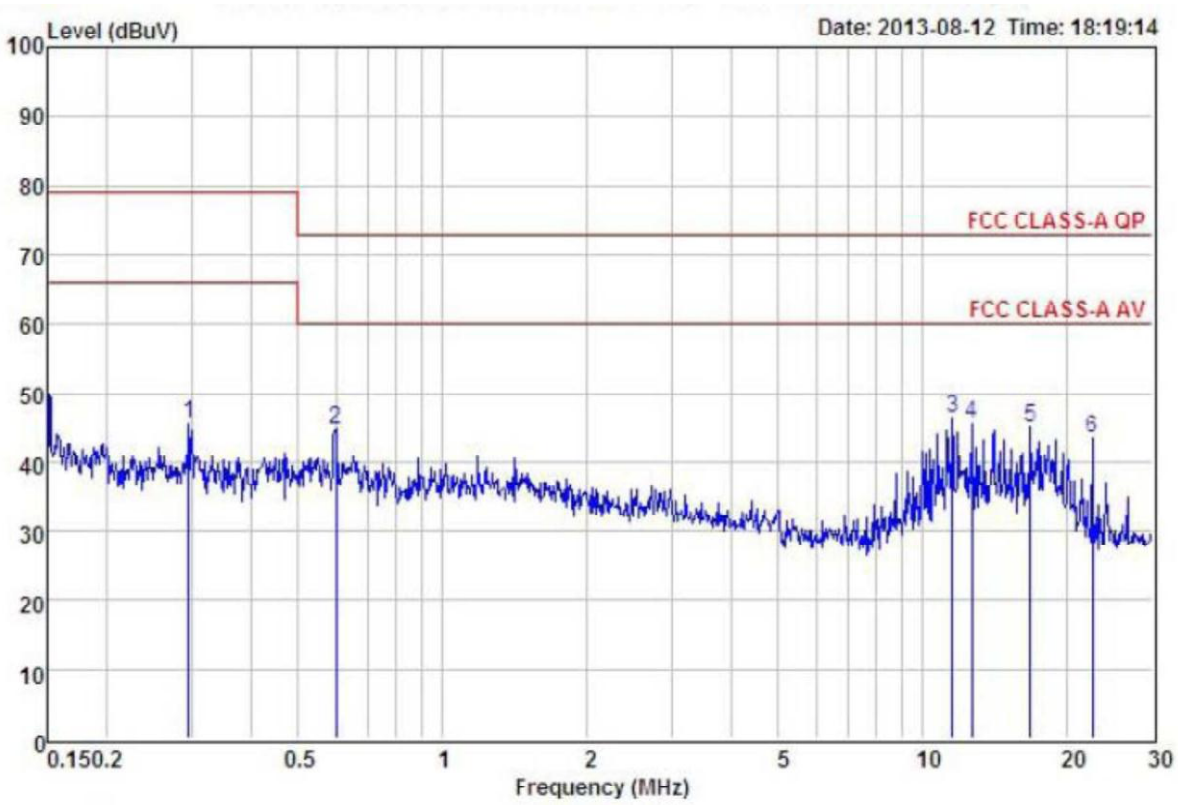
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.16	52.99	53.13	0.14	-25.87	79.00	Peak
2	0.37	47.77	47.91	0.14	-31.09	79.00	Peak
3	0.69	46.75	46.91	0.16	-26.09	73.00	Peak
4	0.89	45.98	46.17	0.19	-26.83	73.00	Peak
5	3.84	42.74	43.14	0.40	-29.86	73.00	Peak
6	18.52	41.89	42.73	0.84	-30.27	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Line
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



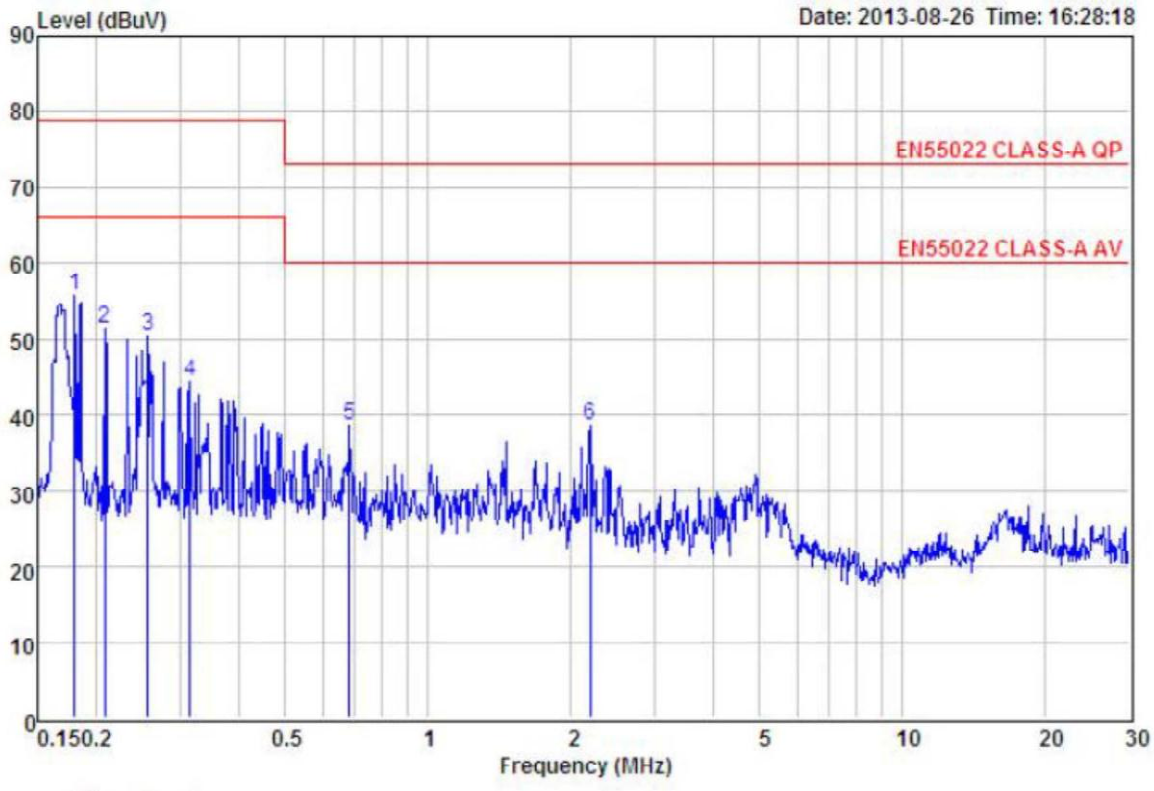
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.17	47.79	47.93	0.14	-31.07	79.00	Peak
2	0.29	43.71	43.86	0.15	-35.14	79.00	Peak
3	0.59	45.33	45.51	0.18	-27.49	73.00	Peak
4	3.26	40.78	41.17	0.39	-31.83	73.00	Peak
5	12.06	43.34	44.07	0.73	-28.93	73.00	Peak
6	22.54	41.18	42.24	1.06	-30.76	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	45.50	45.63	0.13	-33.37	79.00	Peak
2	0.60	44.70	44.86	0.16	-28.14	73.00	Peak
3	11.50	45.77	46.43	0.66	-26.57	73.00	Peak
4	12.65	44.97	45.68	0.71	-27.32	73.00	Peak
5	16.75	44.16	44.97	0.81	-28.03	73.00	Peak
6	22.54	42.43	43.36	0.93	-29.64	73.00	Peak

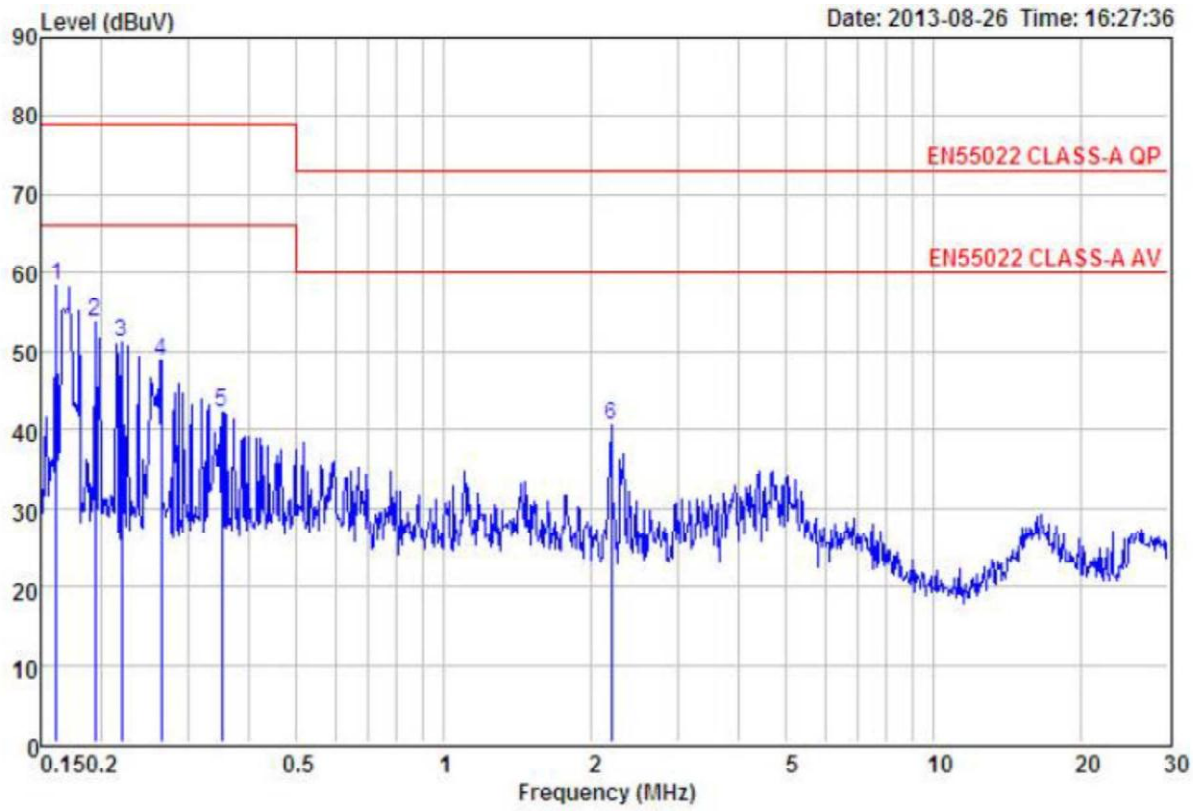
Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%



Power:	DC 12V Adaptor	Pol/Phase:	Neutral
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%

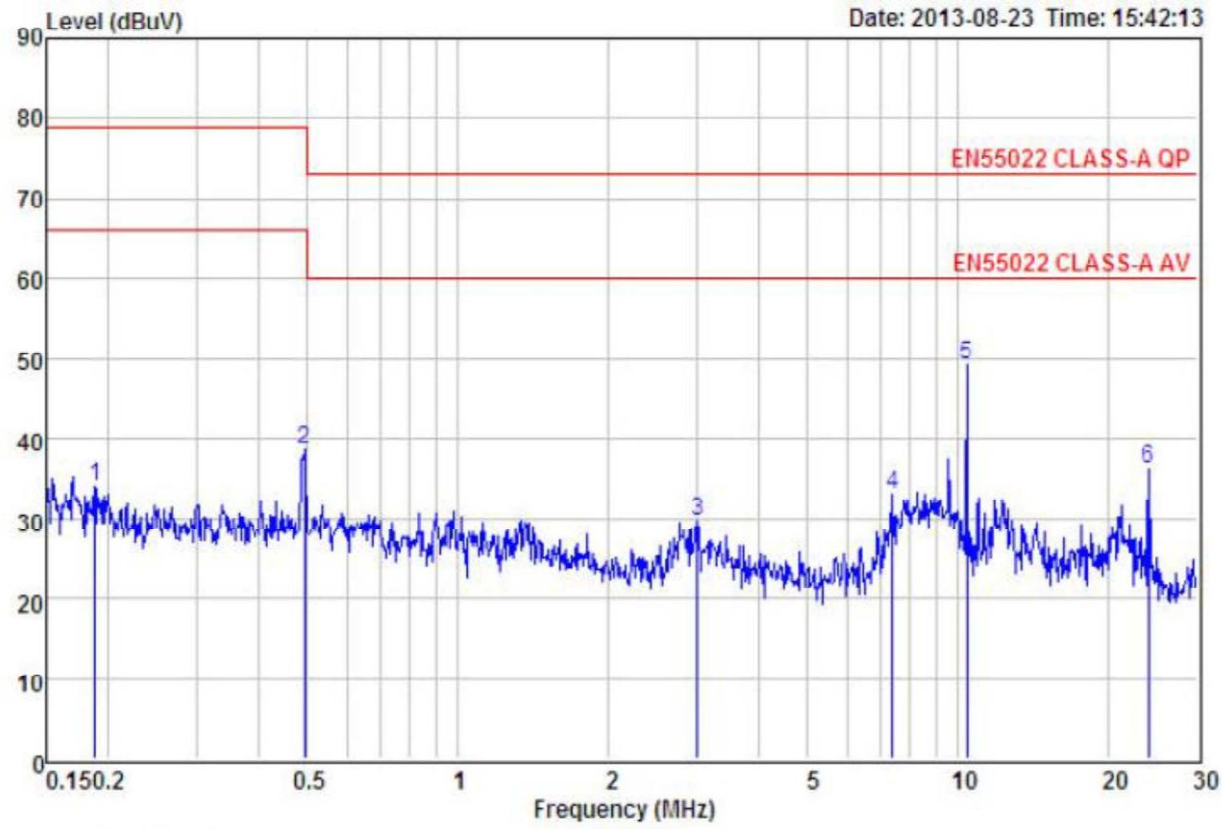
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.18	55.68	55.82	0.14	-23.18	79.00	Peak
2	0.21	51.37	51.51	0.14	-27.49	79.00	Peak
3	0.26	50.28	50.42	0.14	-28.58	79.00	Peak
4	0.31	44.19	44.34	0.15	-34.66	79.00	Peak
5	0.68	38.31	38.49	0.18	-34.51	73.00	Peak
6	2.19	38.37	38.69	0.32	-34.31	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Line
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 23, 2013	Humidity:	43%



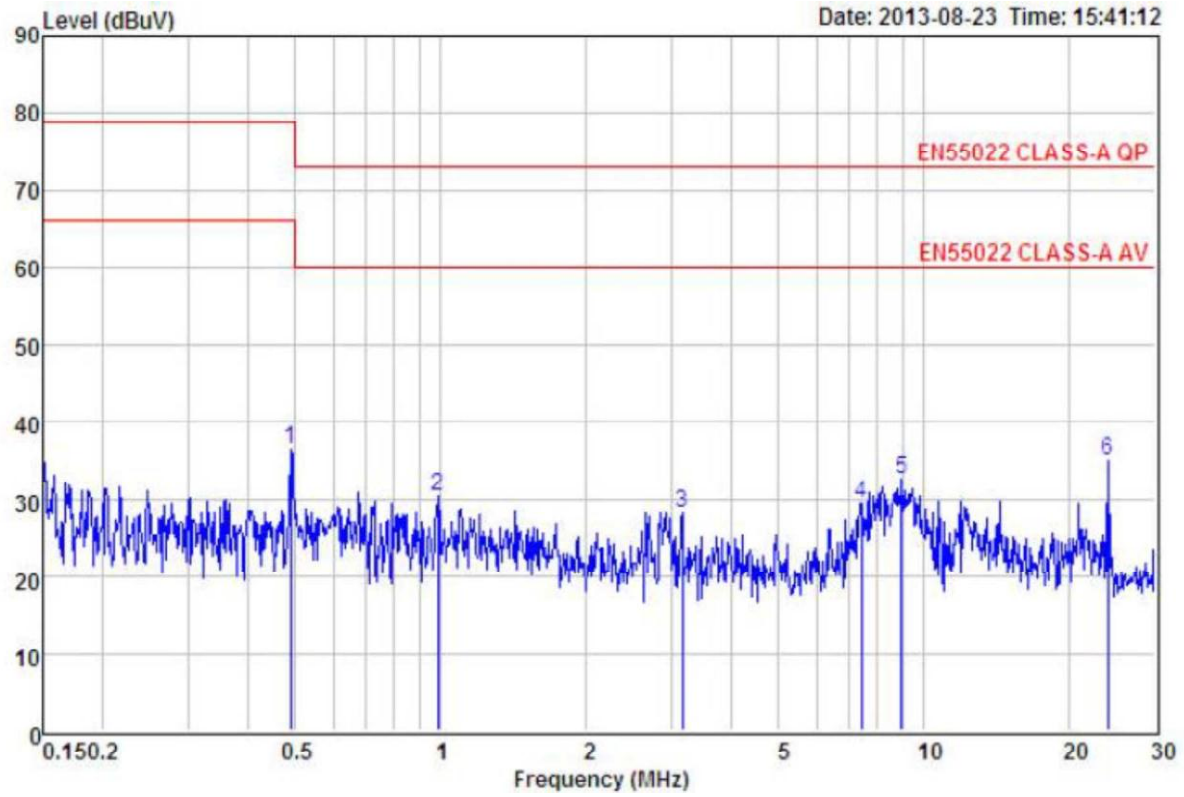
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.16	58.27	58.41	0.14	-20.59	79.00	Peak
2	0.19	53.75	53.88	0.13	-25.12	79.00	Peak
3	0.22	51.05	51.18	0.13	-27.82	79.00	Peak
4	0.26	48.69	48.82	0.13	-30.18	79.00	Peak
5	0.35	42.12	42.26	0.14	-36.74	79.00	Peak
6	2.19	40.30	40.60	0.30	-32.40	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	25℃



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.19	33.91	34.05	0.14	-44.95	79.00	Peak
2	0.49	38.36	38.52	0.16	-40.48	79.00	Peak
3	3.01	29.41	29.78	0.37	-43.22	73.00	Peak
4	7.37	32.56	33.12	0.56	-39.88	73.00	Peak
5	10.40	48.63	49.29	0.66	-23.71	73.00	Peak
6	24.01	35.09	36.21	1.12	-36.79	73.00	Peak

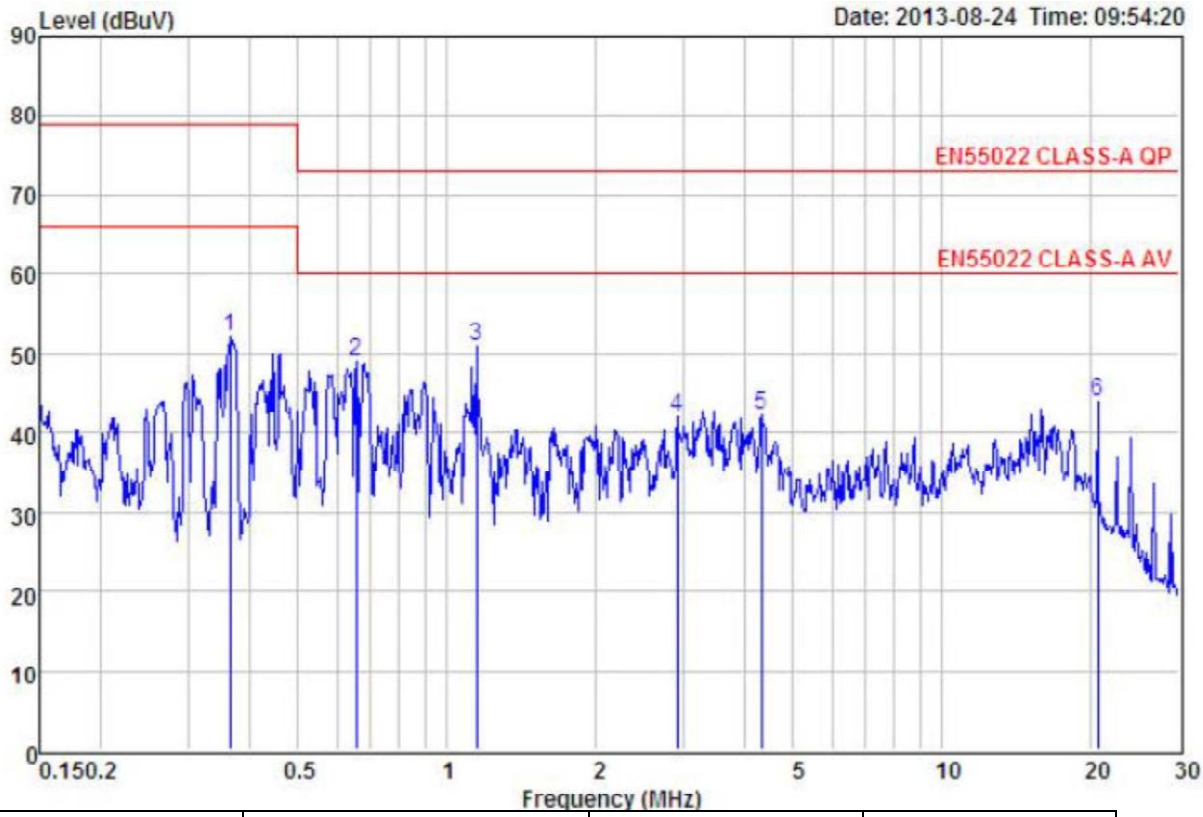
Test Date:	Aug. 23, 2013	Humidity:	43%



Power:	DC 12V Adaptor	Pol/Phase:	Line
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 24, 2013	Humidity:	43%

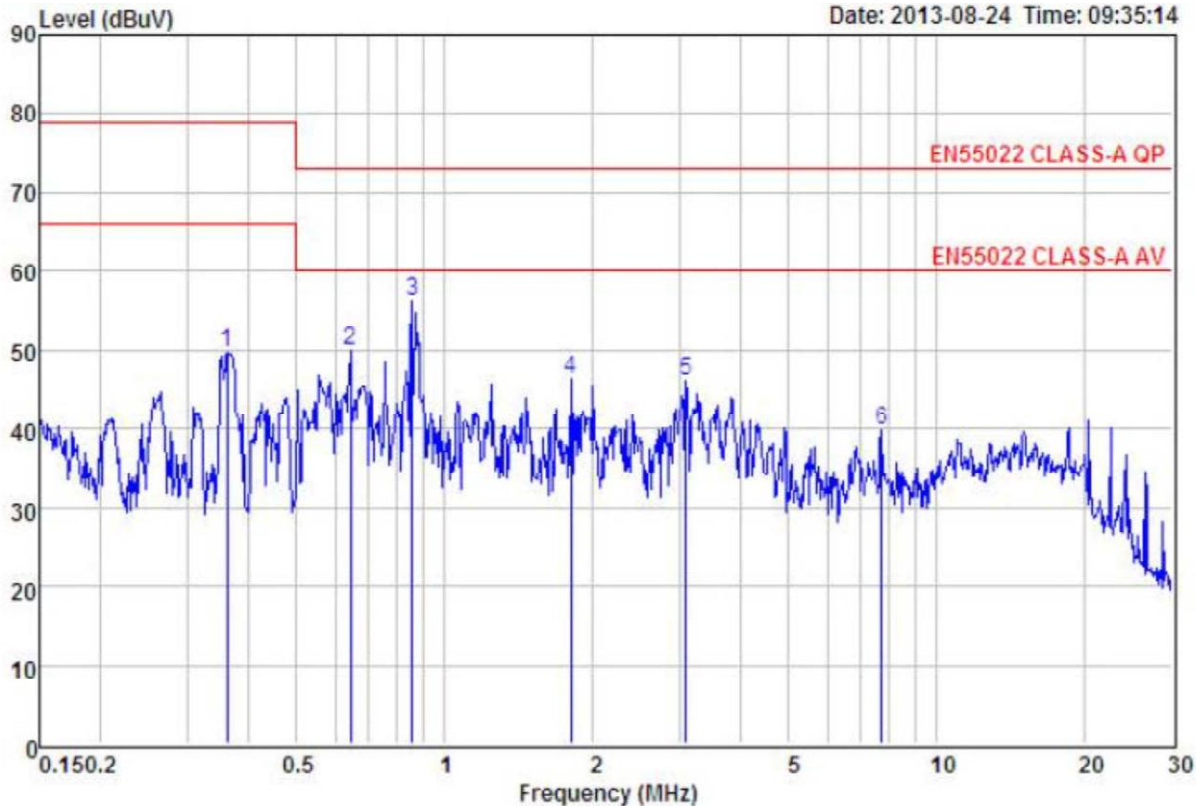
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.49	36.19	36.33	0.14	-42.67	79.00	Peak
2	0.98	30.29	30.48	0.19	-42.52	73.00	Peak
3	3.16	27.77	28.13	0.36	-44.87	73.00	Peak
4	7.41	29.02	29.56	0.54	-43.44	73.00	Peak
5	8.96	32.02	32.60	0.58	-40.40	73.00	Peak
6	24.01	33.94	34.91	0.97	-38.09	73.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	Neutral
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	25℃



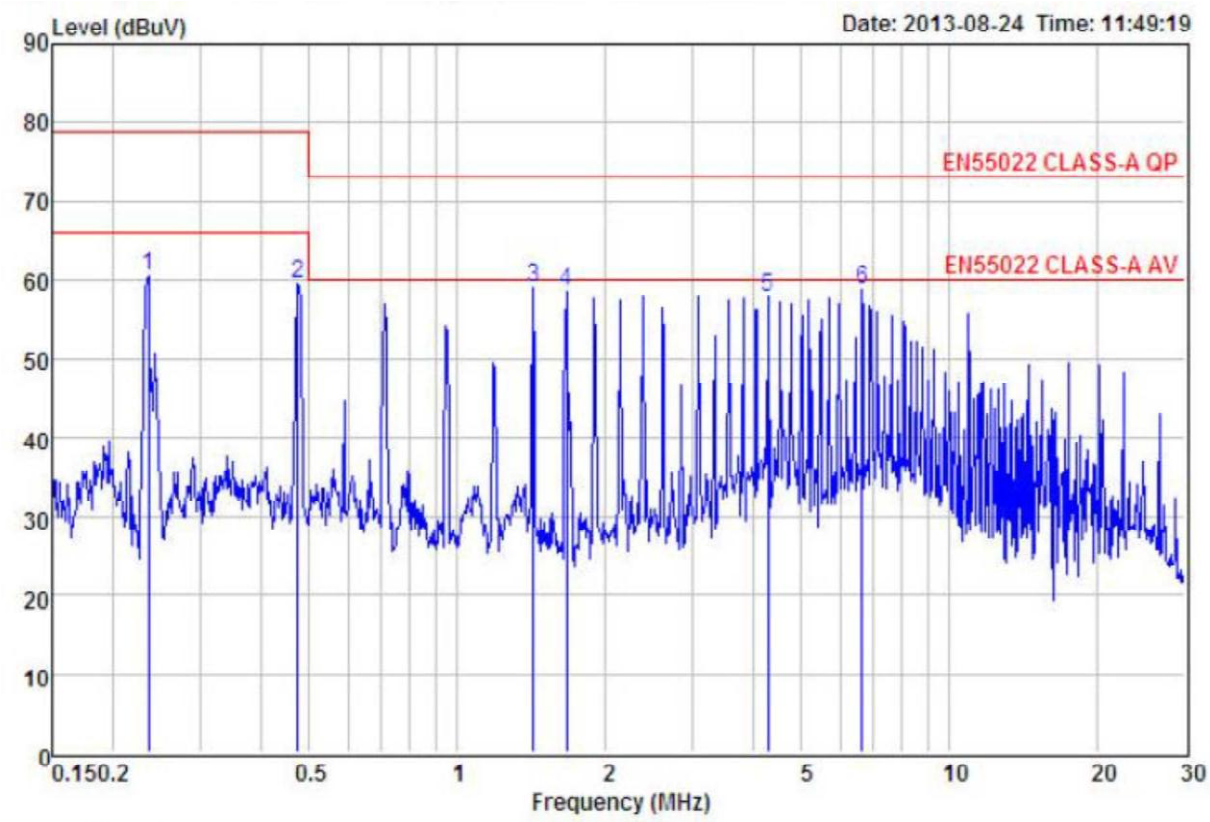
Test Date:	Aug. 24, 2013	Humidity:	43%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.36	52.15	52.15	0.00	-26.85	79.00	Peak
2	0.65	48.91	48.91	0.00	-24.09	73.00	Peak
3	1.15	51.01	51.01	0.00	-21.99	73.00	Peak
4	2.92	42.10	42.10	0.00	-30.90	73.00	Peak
5	4.31	42.12	42.12	0.00	-30.88	73.00	Peak
6	20.59	43.87	43.87	0.00	-29.13	73.00	Peak



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.36	49.61	49.61	0.00	-29.39	79.00	Peak
2	0.64	49.87	49.87	0.00	-23.13	73.00	Peak
3	0.86	56.21	56.21	0.00	-16.79	73.00	Peak
4	1.80	46.30	46.30	0.00	-26.70	73.00	Peak
5	3.09	46.16	46.16	0.00	-26.84	73.00	Peak
6	7.73	39.75	39.75	0.00	-33.25	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Line
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 24, 2013	Humidity:	43%

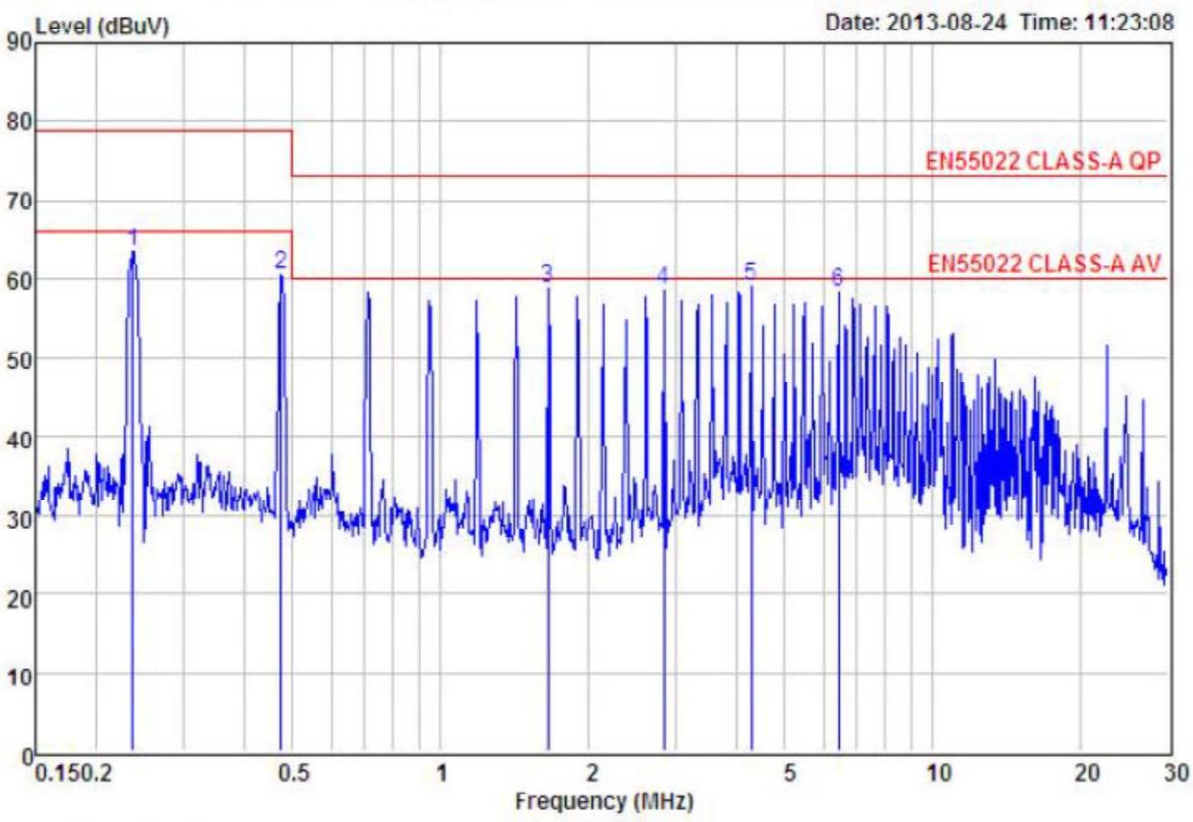


	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	60.48	60.48	0.00	-18.52	79.00	Peak
2	0.47	59.57	59.57	0.00	-19.43	79.00	Peak
3	1.43	59.04	59.04	0.00	-13.96	73.00	Peak
4	1.66	58.68	58.68	0.00	-14.32	73.00	Peak
5	4.27	57.94	57.94	0.00	-15.06	73.00	Peak
6	6.63	58.77	58.77	0.00	-14.23	73.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	Neutral
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 24, 2013	Humidity:	43%

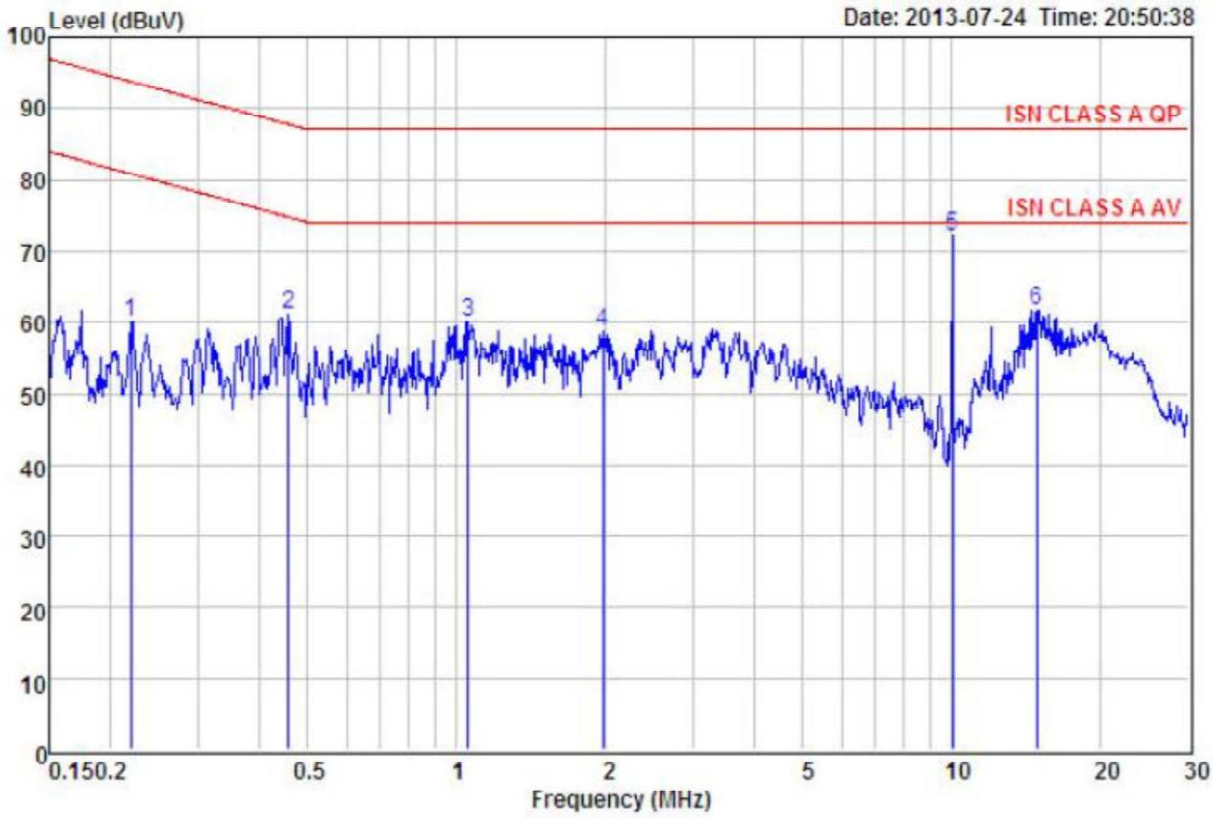
Conducted emission for telecommunication port test data:

Power:	DC 12V Adaptor	Pol/Phase:	10M



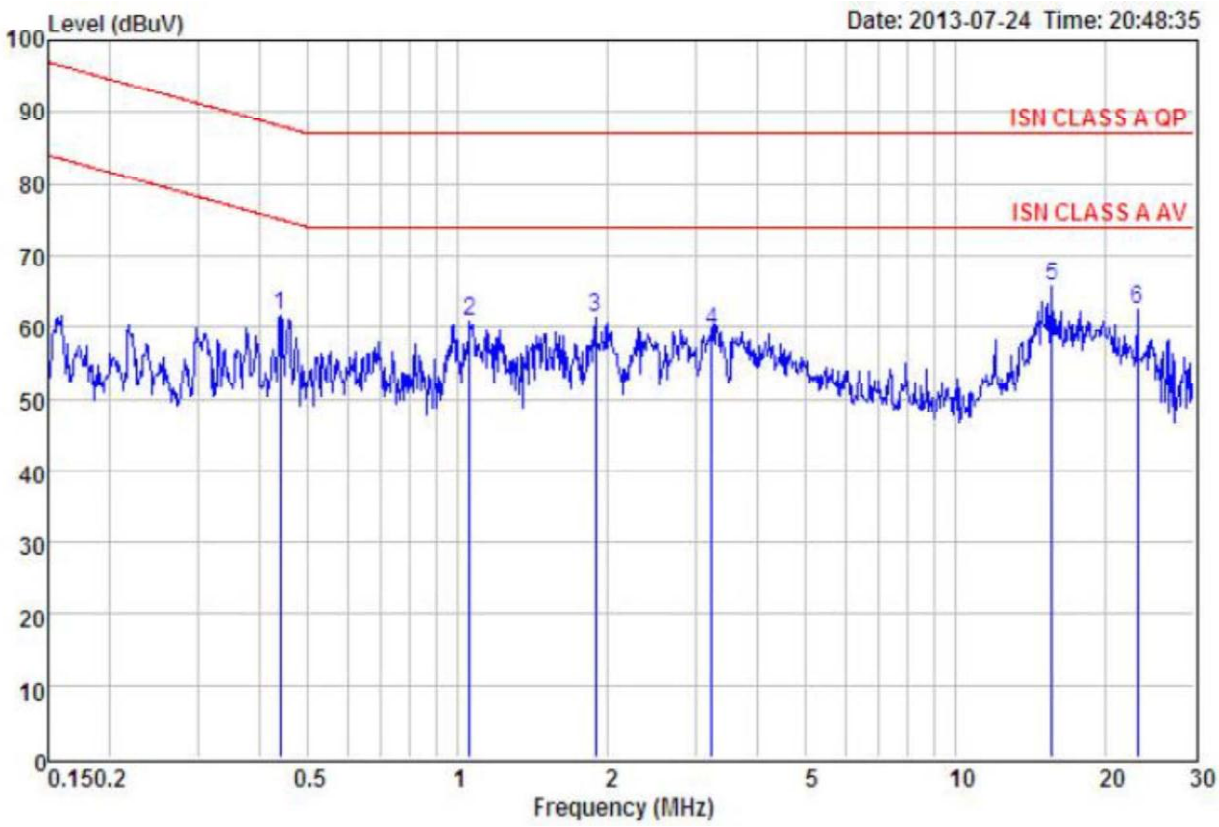
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	63.57	63.57	0.00	-15.43	79.00	Peak
2	0.47	60.57	60.57	0.00	-18.43	79.00	Peak
3	1.65	58.93	58.93	0.00	-14.07	73.00	Peak
4	2.84	58.66	58.66	0.00	-14.34	73.00	Peak
5	4.27	59.05	59.05	0.00	-13.95	73.00	Peak
6	6.42	58.31	58.31	0.00	-14.69	73.00	Peak

Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



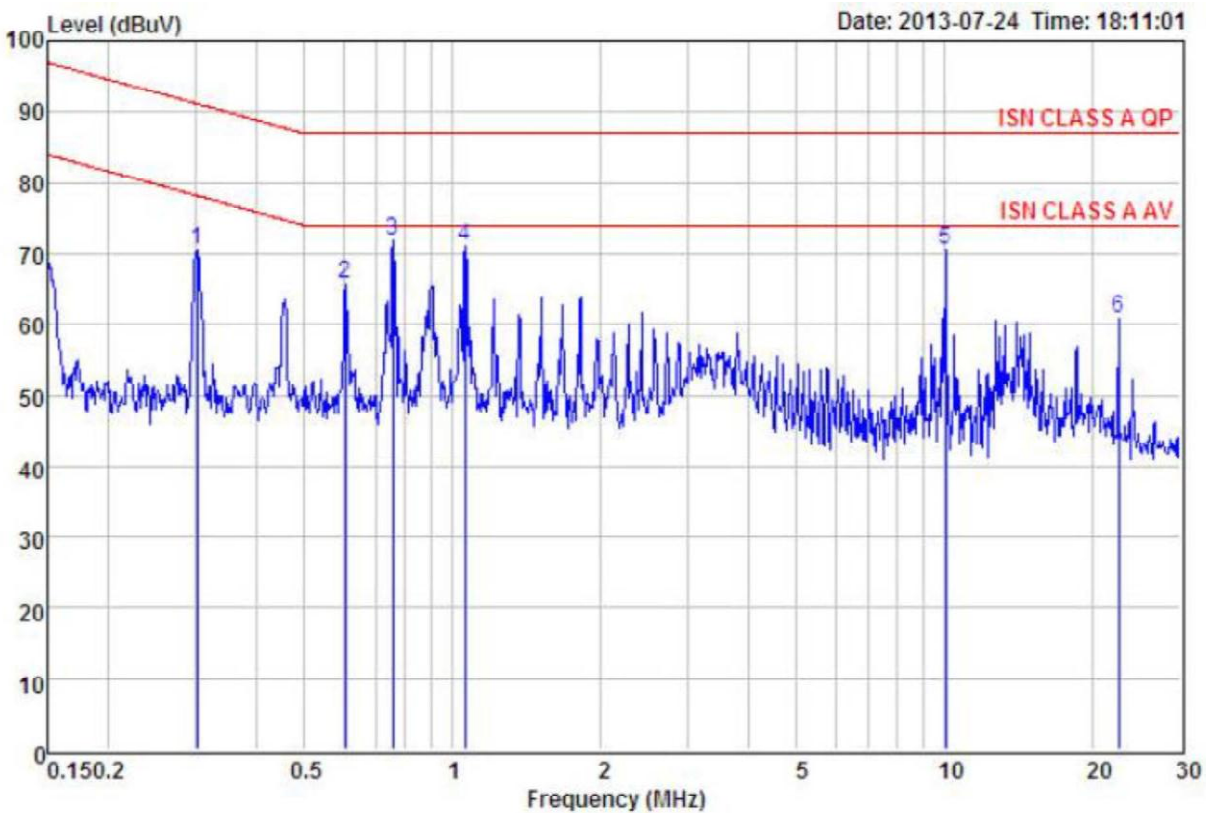
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	50.08	60.19	10.11	-33.64	93.83	Peak
2	0.46	51.05	61.13	10.08	-26.63	87.76	Peak
3	1.05	50.05	60.11	10.06	-26.89	87.00	Peak
4	1.97	48.44	58.58	10.14	-28.42	87.00	Peak
5	10.02	61.55	72.05	10.50	-14.95	87.00	Peak
6	14.83	51.03	61.77	10.74	-25.23	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



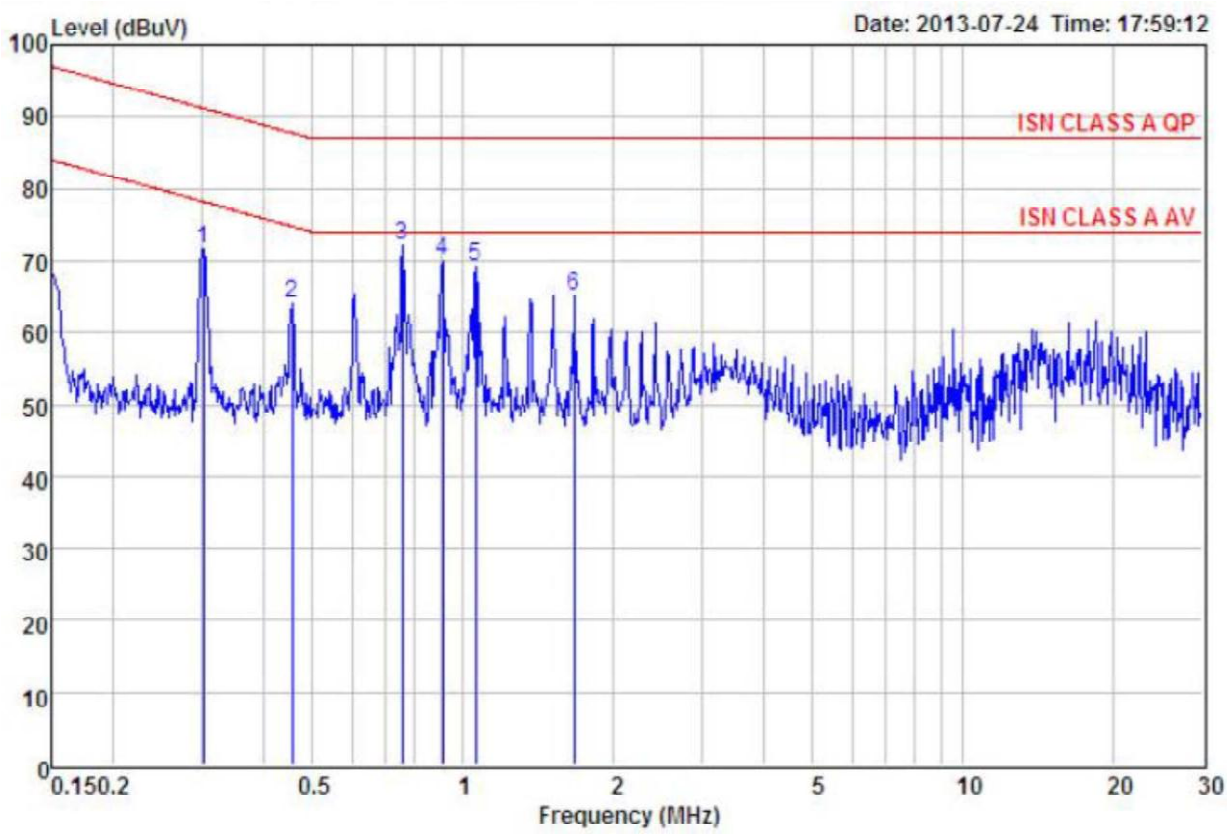
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.44	51.64	61.73	10.09	-26.34	88.07	Peak
2	1.05	50.88	60.94	10.06	-26.06	87.00	Peak
3	1.89	51.28	61.42	10.14	-25.58	87.00	Peak
4	3.22	49.25	59.47	10.22	-27.53	87.00	Peak
5	15.55	54.79	65.55	10.76	-21.45	87.00	Peak
6	23.14	51.49	62.47	10.98	-24.53	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	10M
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

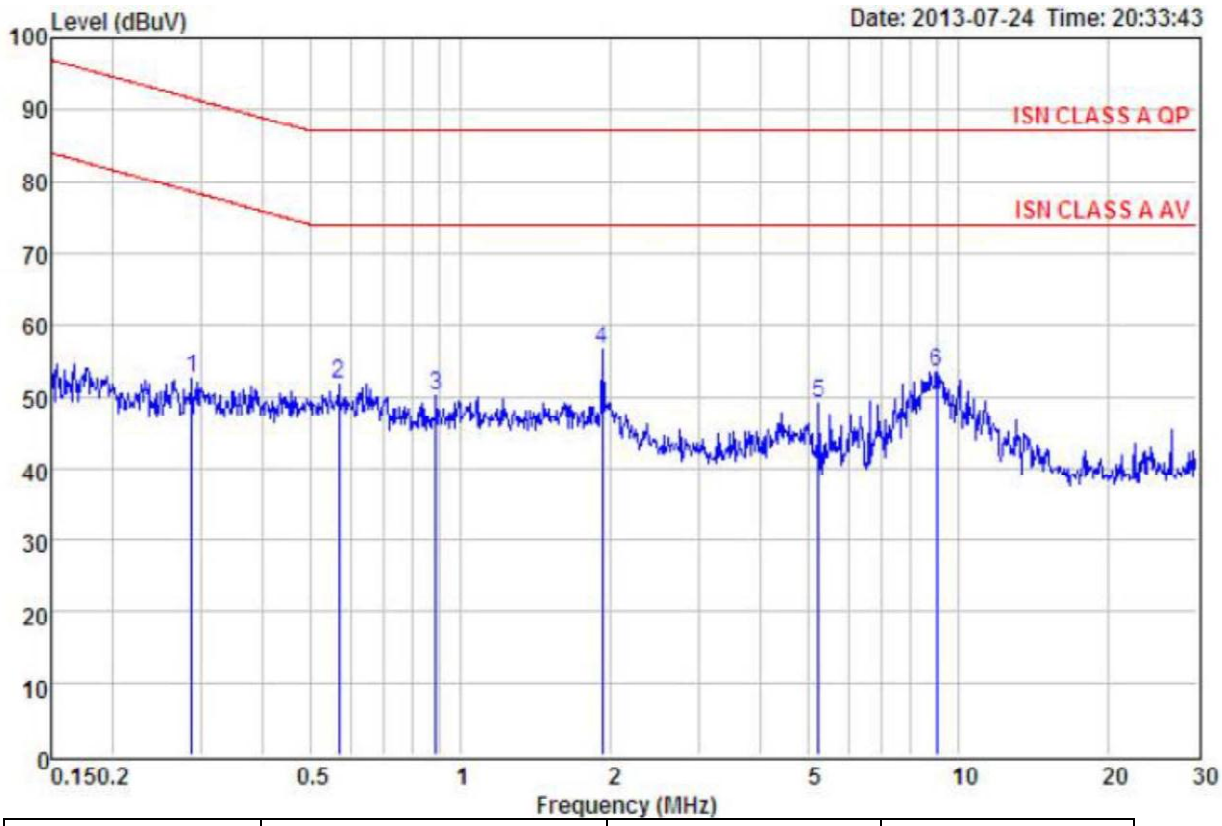


	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	60.35	70.45	10.10	-20.74	91.19	Peak
2	0.60	55.66	65.74	10.08	-21.26	87.00	Peak
3	0.75	61.86	71.93	10.07	-15.07	87.00	Peak
4	1.06	60.90	70.97	10.07	-16.03	87.00	Peak
5	10.02	59.97	70.47	10.50	-16.53	87.00	Peak
6	22.54	49.91	60.87	10.96	-26.13	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



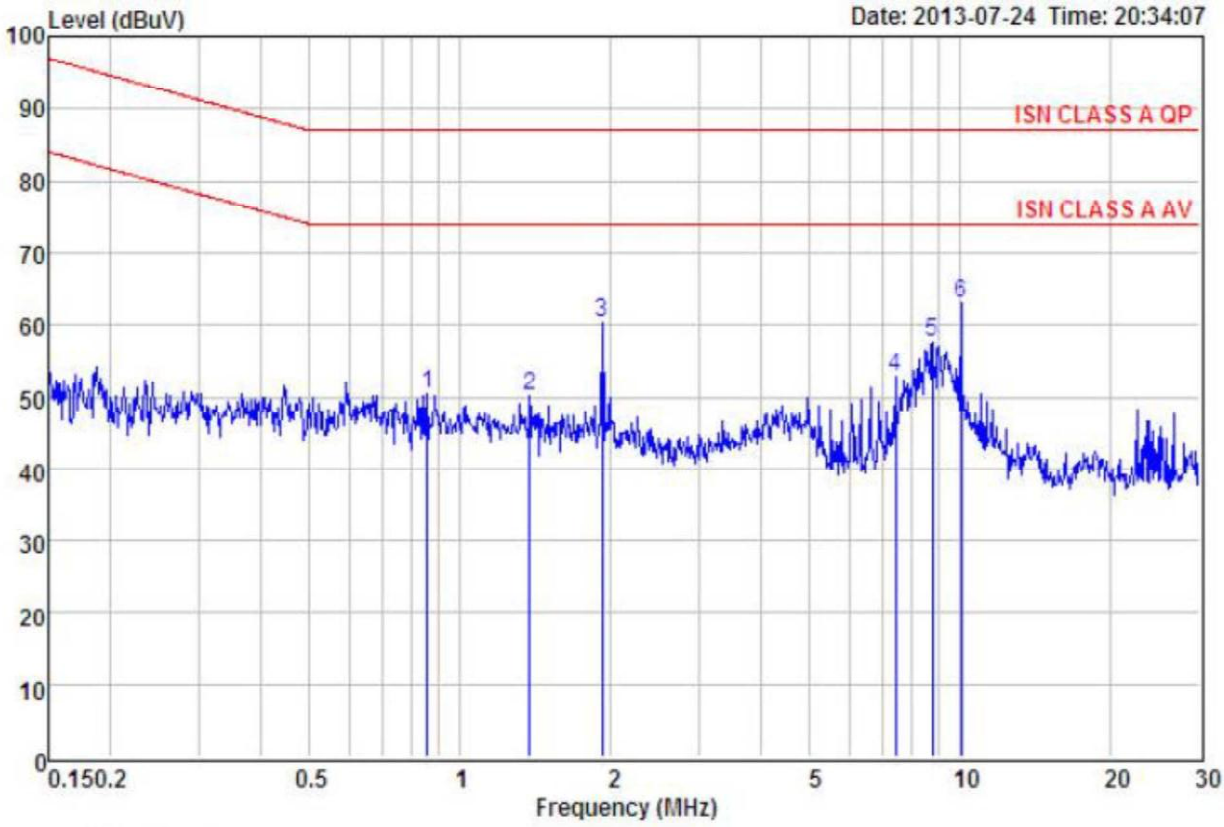
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	61.55	71.65	10.10	-19.54	91.19	Peak
2	0.45	53.95	64.04	10.09	-23.76	87.80	Peak
3	0.75	62.12	72.19	10.07	-14.81	87.00	Peak
4	0.91	59.89	69.96	10.07	-17.04	87.00	Peak
5	1.06	59.19	69.26	10.07	-17.74	87.00	Peak
6	1.66	54.98	65.09	10.11	-21.91	87.00	Peak



Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	42.41	52.51	10.10	-39.08	91.59	Peak
2	0.57	41.72	51.80	10.08	-35.20	87.00	Peak
3	0.89	40.13	50.19	10.06	-36.81	87.00	Peak
4	1.92	46.41	56.55	10.14	-30.45	87.00	Peak
5	5.22	38.90	49.19	10.29	-37.81	87.00	Peak
6	9.01	42.95	53.42	10.47	-33.58	87.00	Peak

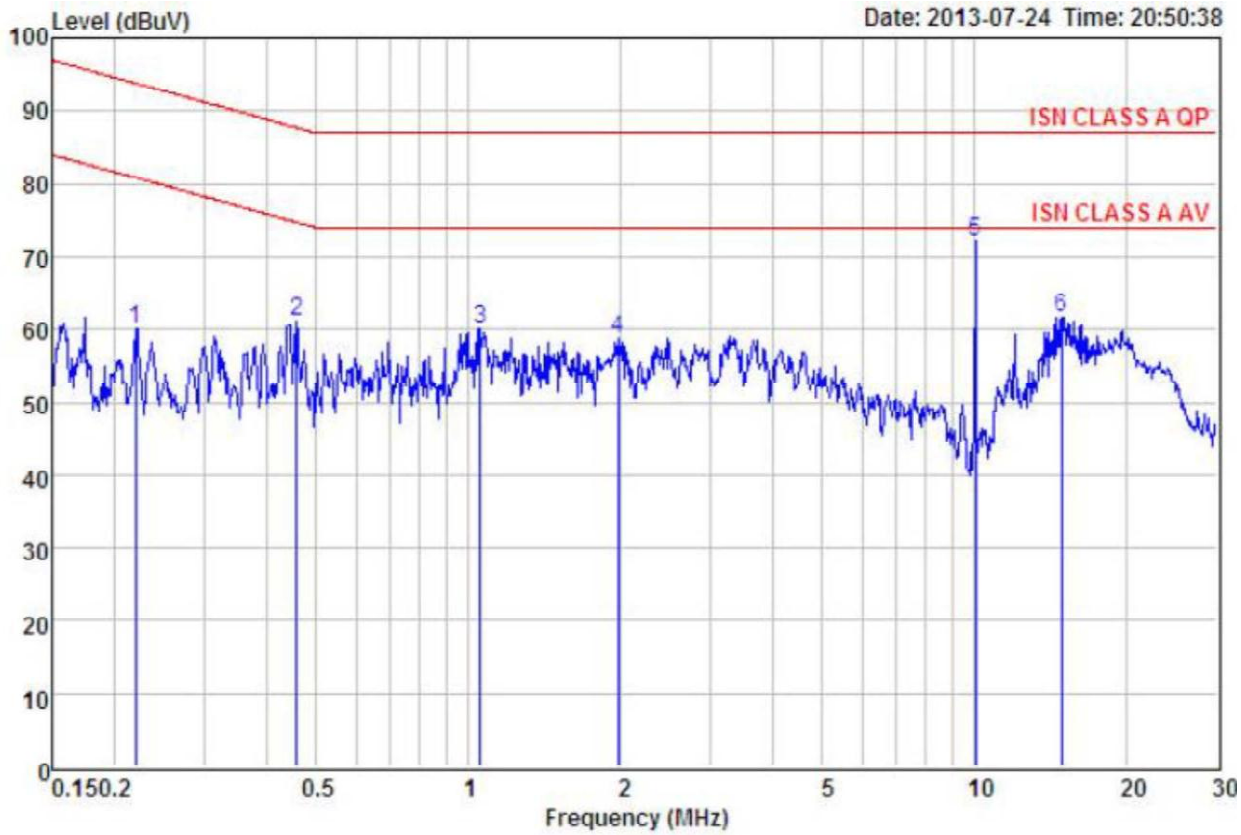
Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.86	40.40	50.46	10.06	-36.54	87.00	Peak
2	1.37	40.15	50.25	10.10	-36.75	87.00	Peak
3	1.92	50.29	60.43	10.14	-26.57	87.00	Peak
4	7.41	42.48	52.89	10.41	-34.11	87.00	Peak
5	8.78	47.22	57.67	10.45	-29.33	87.00	Peak
6	10.02	52.54	63.04	10.50	-23.96	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	10M
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

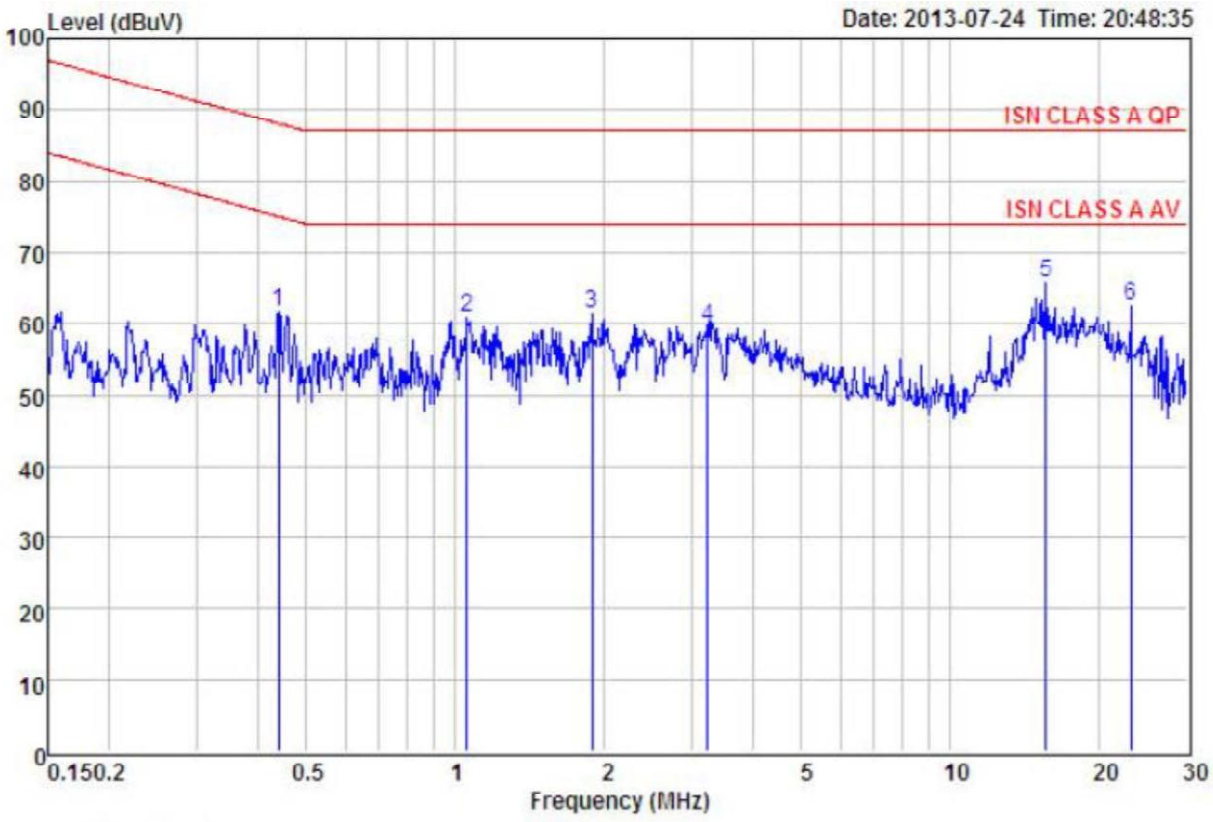
Power:	DC 12V Adaptor	Pol/Phase:	100M



Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	25℃

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	50.08	60.19	10.11	-33.64	93.83	Peak
2	0.46	51.05	61.13	10.08	-26.63	87.76	Peak
3	1.05	50.05	60.11	10.06	-26.89	87.00	Peak
4	1.97	48.44	58.58	10.14	-28.42	87.00	Peak
5	10.02	61.55	72.05	10.50	-14.95	87.00	Peak
6	14.83	51.03	61.77	10.74	-25.23	87.00	Peak

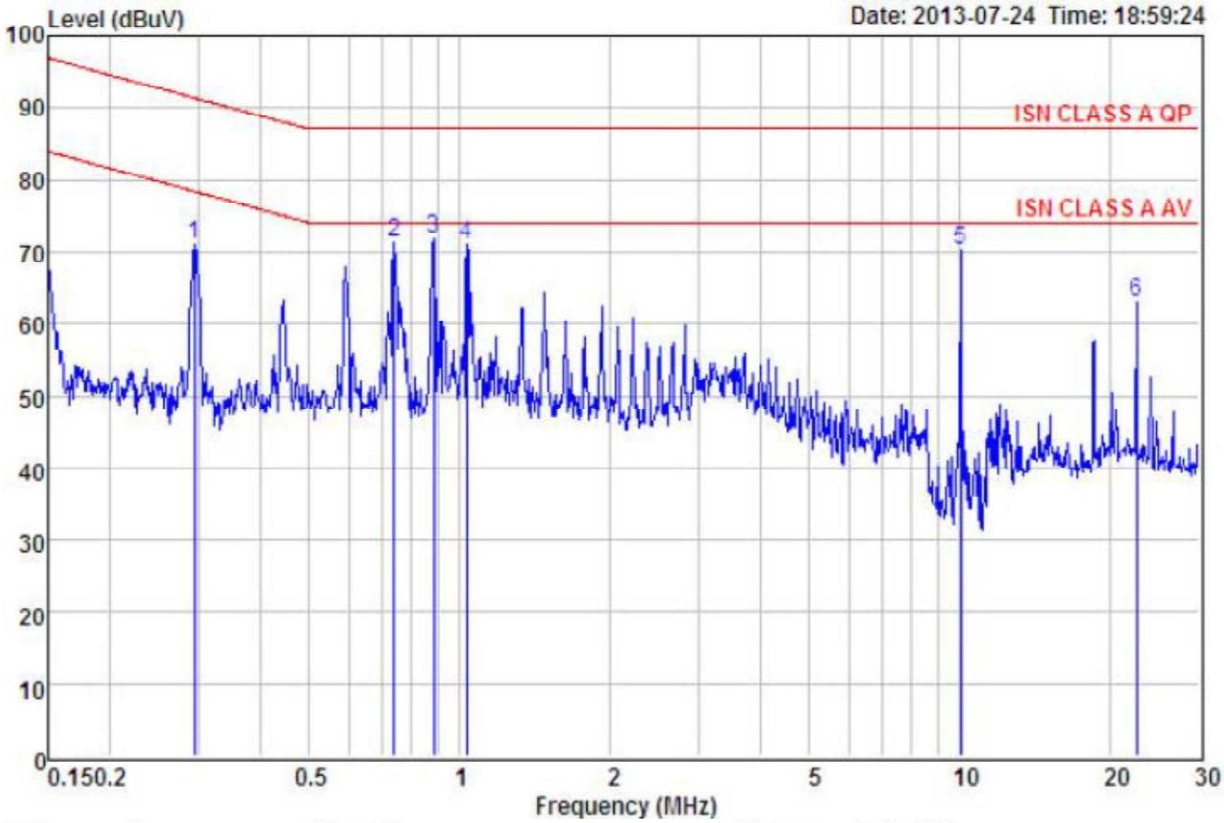
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.44	51.64	61.73	10.09	-26.34	88.07	Peak
2	1.05	50.88	60.94	10.06	-26.06	87.00	Peak
3	1.89	51.28	61.42	10.14	-25.58	87.00	Peak
4	3.22	49.25	59.47	10.22	-27.53	87.00	Peak
5	15.55	54.79	65.55	10.76	-21.45	87.00	Peak
6	23.14	51.49	62.47	10.98	-24.53	87.00	Peak

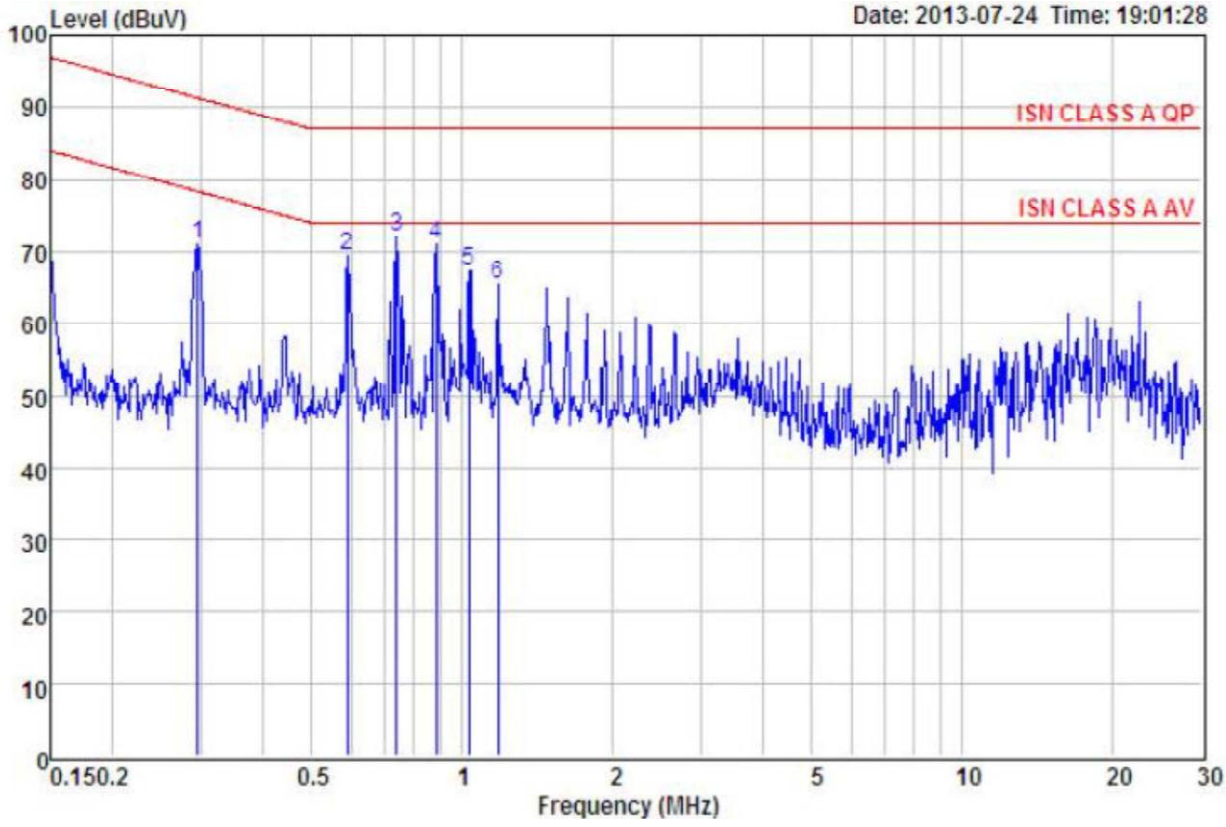
Power:	AC 24V Adaptor	Pol/Phase:	10M

Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	61.03	71.13	10.10	-20.28	91.41	Peak
2	0.74	61.34	71.41	10.07	-15.59	87.00	Peak
3	0.88	61.87	71.93	10.06	-15.07	87.00	Peak
4	1.03	60.92	70.98	10.06	-16.02	87.00	Peak
5	10.02	59.75	70.25	10.50	-16.75	87.00	Peak
6	22.54	52.13	63.09	10.96	-23.91	87.00	Peak

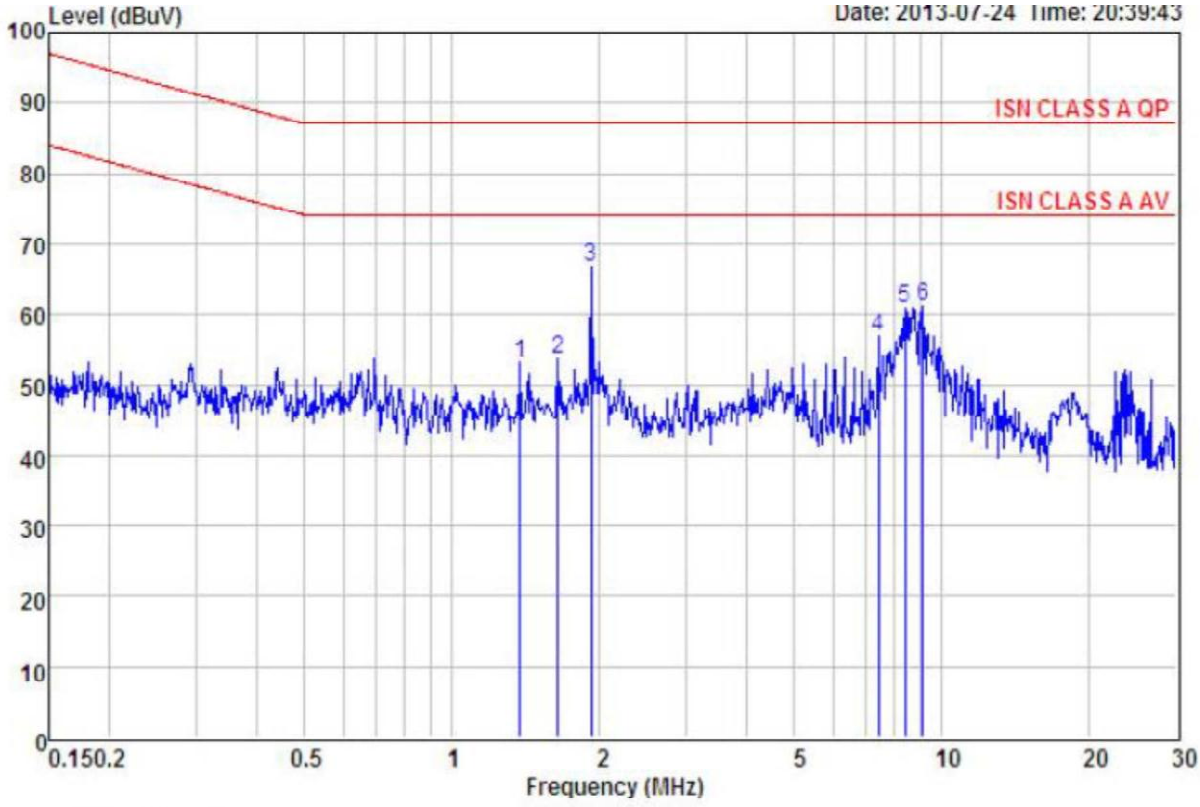
Power:	AC 24V Adaptor	Pol/Phase:	100M
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	60.94	71.04	10.10	-20.33	91.37	Peak
2	0.59	59.45	69.53	10.08	-17.47	87.00	Peak
3	0.74	61.95	72.02	10.07	-14.98	87.00	Peak
4	0.88	60.94	71.00	10.06	-16.00	87.00	Peak
5	1.03	57.14	67.20	10.06	-19.80	87.00	Peak
6	1.18	55.29	65.36	10.07	-21.64	87.00	Peak

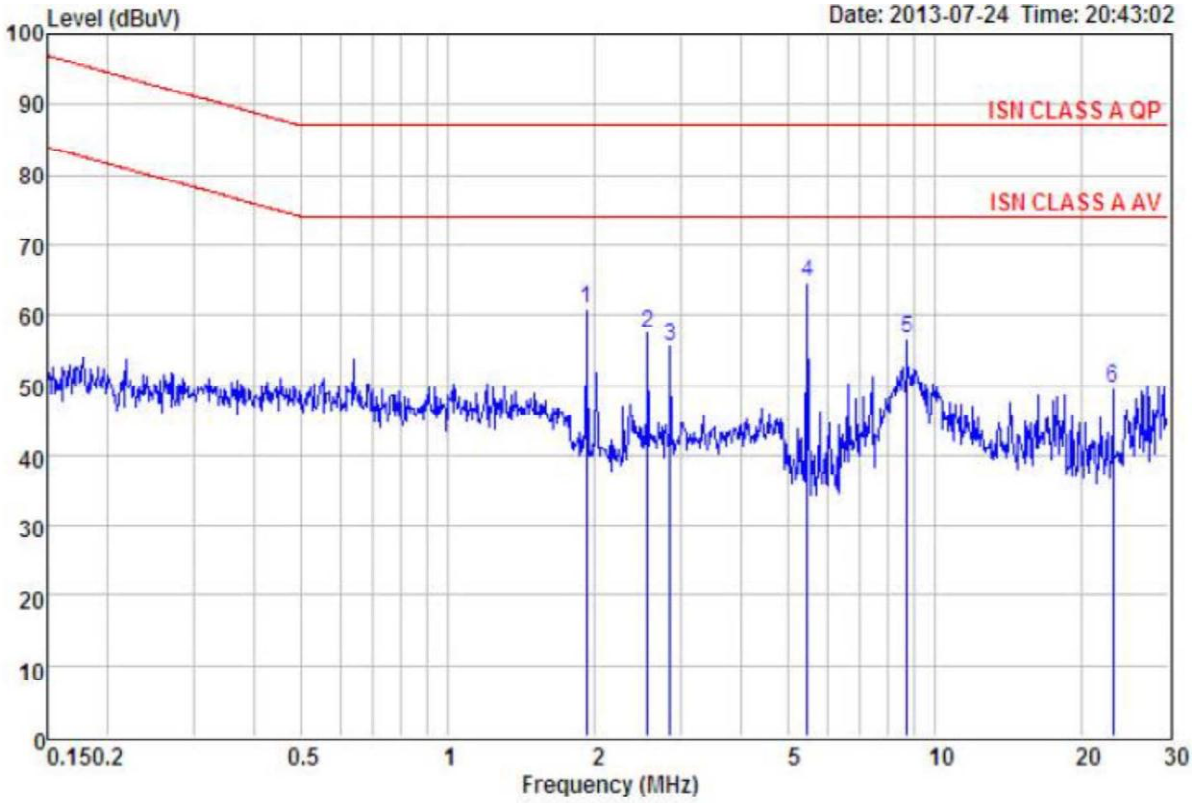
Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	25℃



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	1.37	42.91	53.01	10.10	-33.99	87.00	Peak
2	1.64	43.53	53.64	10.11	-33.36	87.00	Peak
3	1.92	56.70	66.84	10.14	-20.16	87.00	Peak
4	7.41	46.54	56.95	10.41	-30.05	87.00	Peak
5	8.41	50.31	60.76	10.45	-26.24	87.00	Peak
6	9.16	50.54	61.01	10.47	-25.99	87.00	Peak

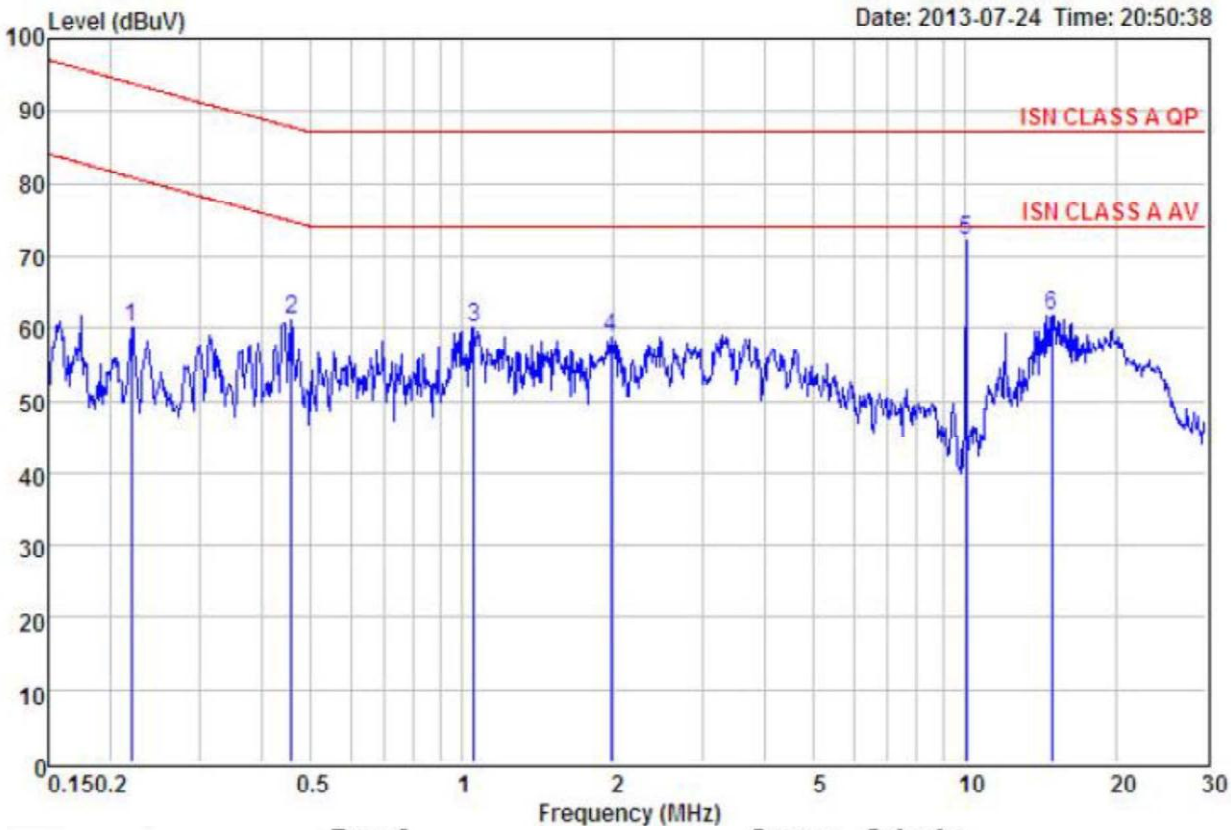
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	1.92	50.71	60.85	10.14	-26.15	87.00	Peak
2	2.57	47.13	57.31	10.18	-29.69	87.00	Peak
3	2.85	45.34	55.53	10.19	-31.47	87.00	Peak
4	5.45	54.35	64.66	10.31	-22.34	87.00	Peak
5	8.73	46.15	56.60	10.45	-30.40	87.00	Peak
6	23.14	38.51	49.49	10.98	-37.51	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	10M

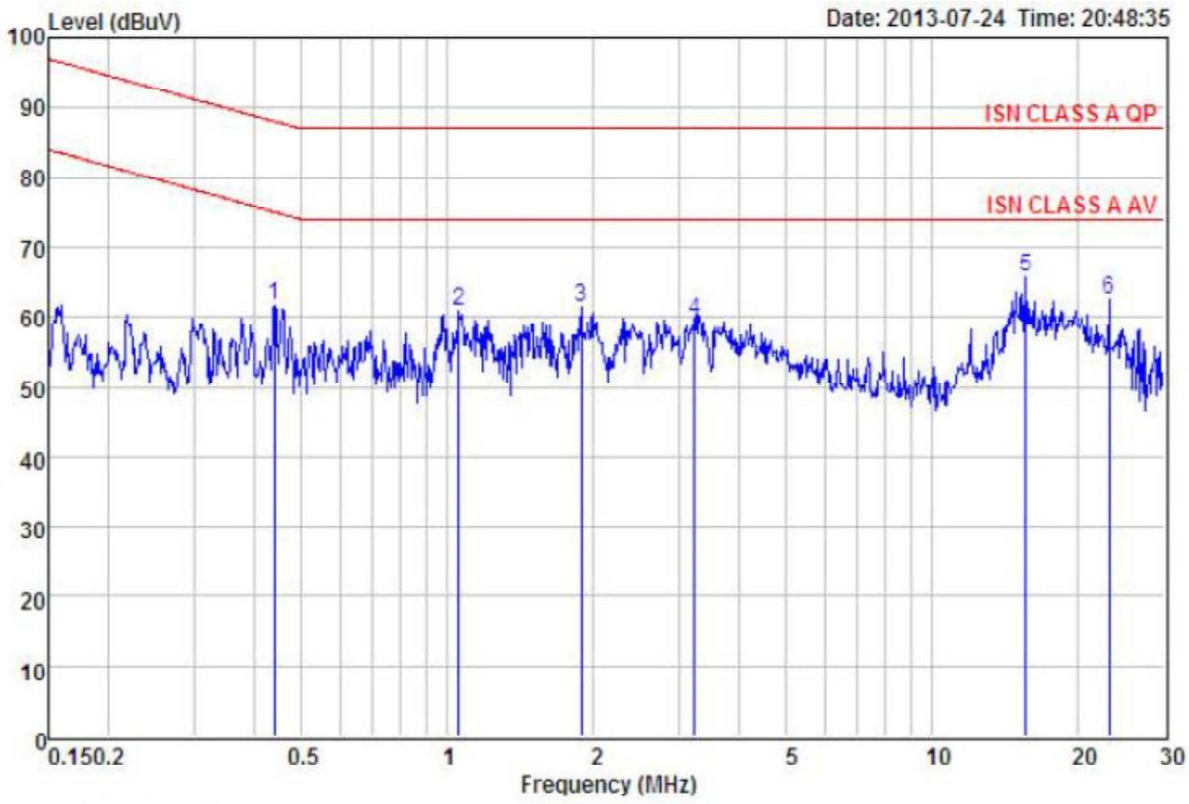
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	50.08	60.19	10.11	-33.64	93.83	Peak
2	0.46	51.05	61.13	10.08	-26.63	87.76	Peak
3	1.05	50.05	60.11	10.06	-26.89	87.00	Peak
4	1.97	48.44	58.58	10.14	-28.42	87.00	Peak
5	10.02	61.55	72.05	10.50	-14.95	87.00	Peak
6	14.83	51.03	61.77	10.74	-25.23	87.00	Peak

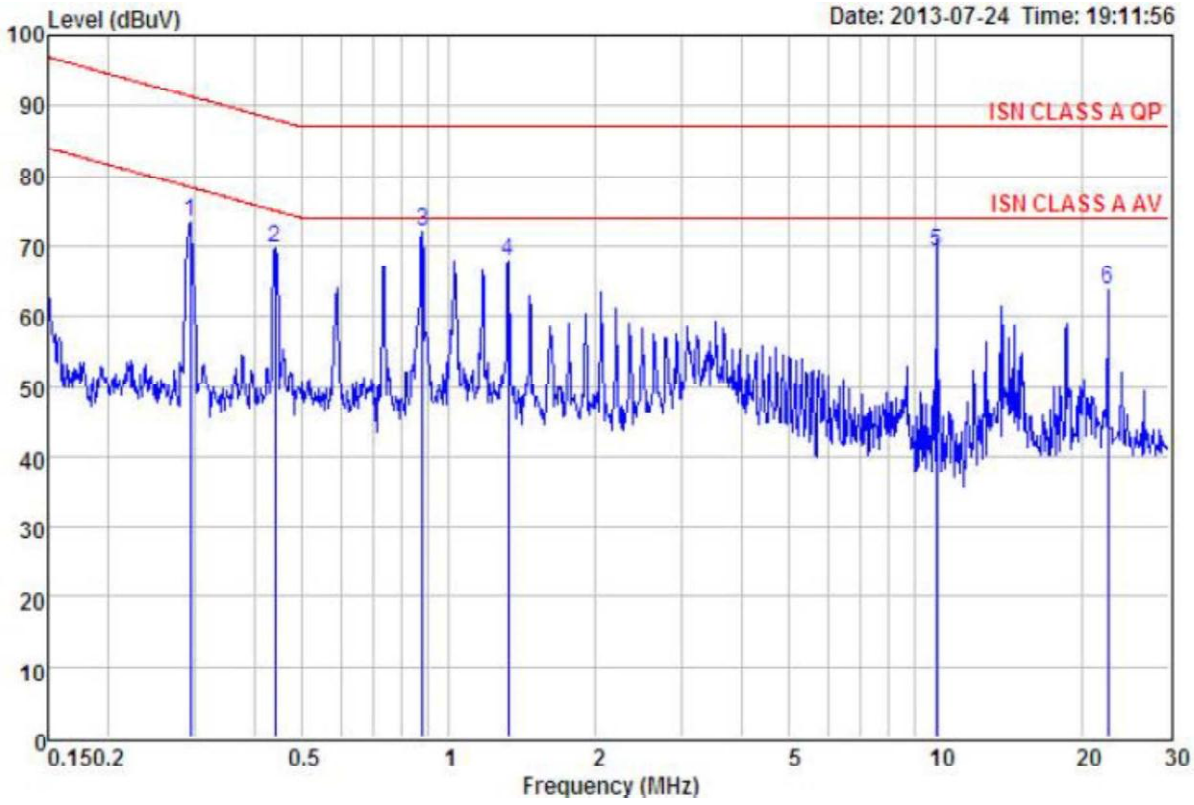
Power:	DC 12V Adaptor	Pol/Phase:	100M

Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.44	51.64	61.73	10.09	-26.34	88.07	Peak
2	1.05	50.88	60.94	10.06	-26.06	87.00	Peak
3	1.89	51.28	61.42	10.14	-25.58	87.00	Peak
4	3.22	49.25	59.47	10.22	-27.53	87.00	Peak
5	15.55	54.79	65.55	10.76	-21.45	87.00	Peak
6	23.14	51.49	62.47	10.98	-24.53	87.00	Peak

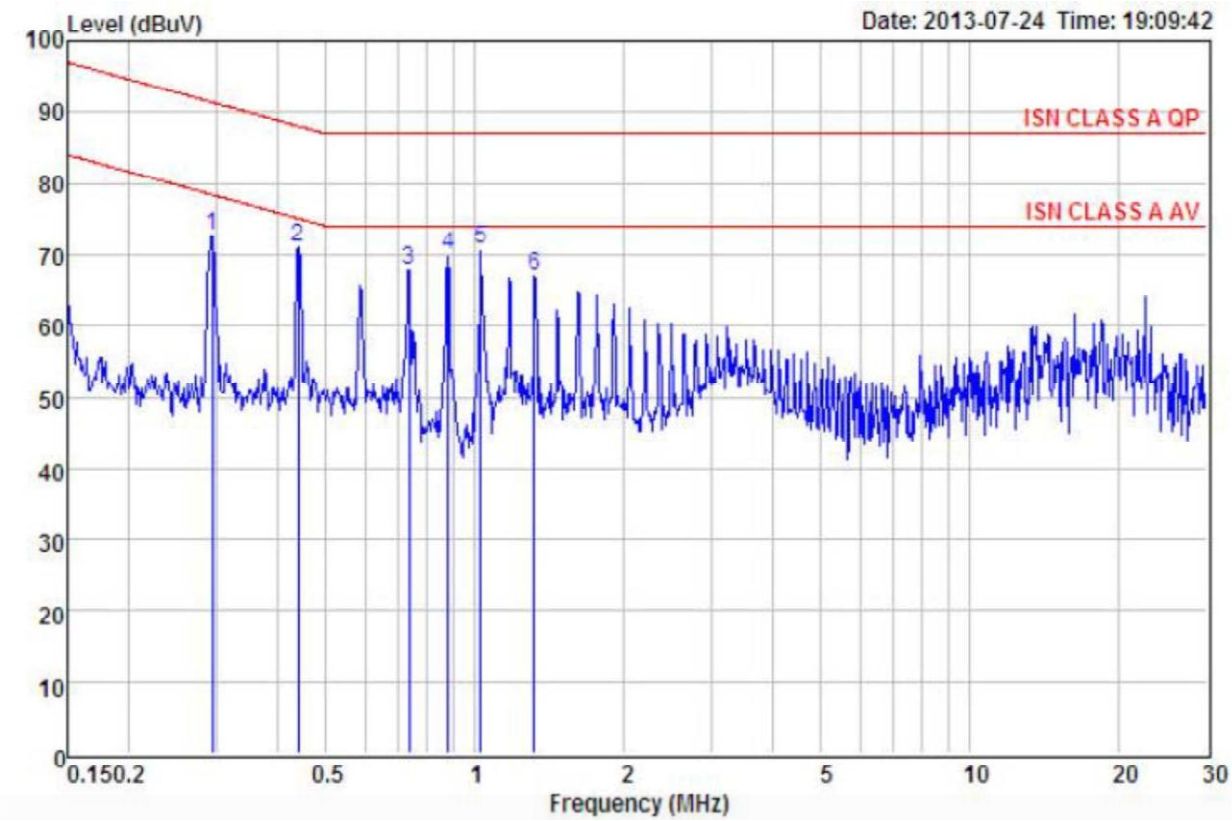
Power:	AC 24V Adaptor	Pol/Phase:	10M
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	63.35	73.45	10.10	-17.96	91.41	Peak
2	0.44	59.65	69.74	10.09	-18.33	88.07	Peak
3	0.88	62.14	72.20	10.06	-14.80	87.00	Peak
4	1.32	57.62	67.71	10.09	-19.29	87.00	Peak
5	10.02	58.54	69.04	10.50	-17.96	87.00	Peak
6	22.54	52.90	63.86	10.96	-23.14	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	100M

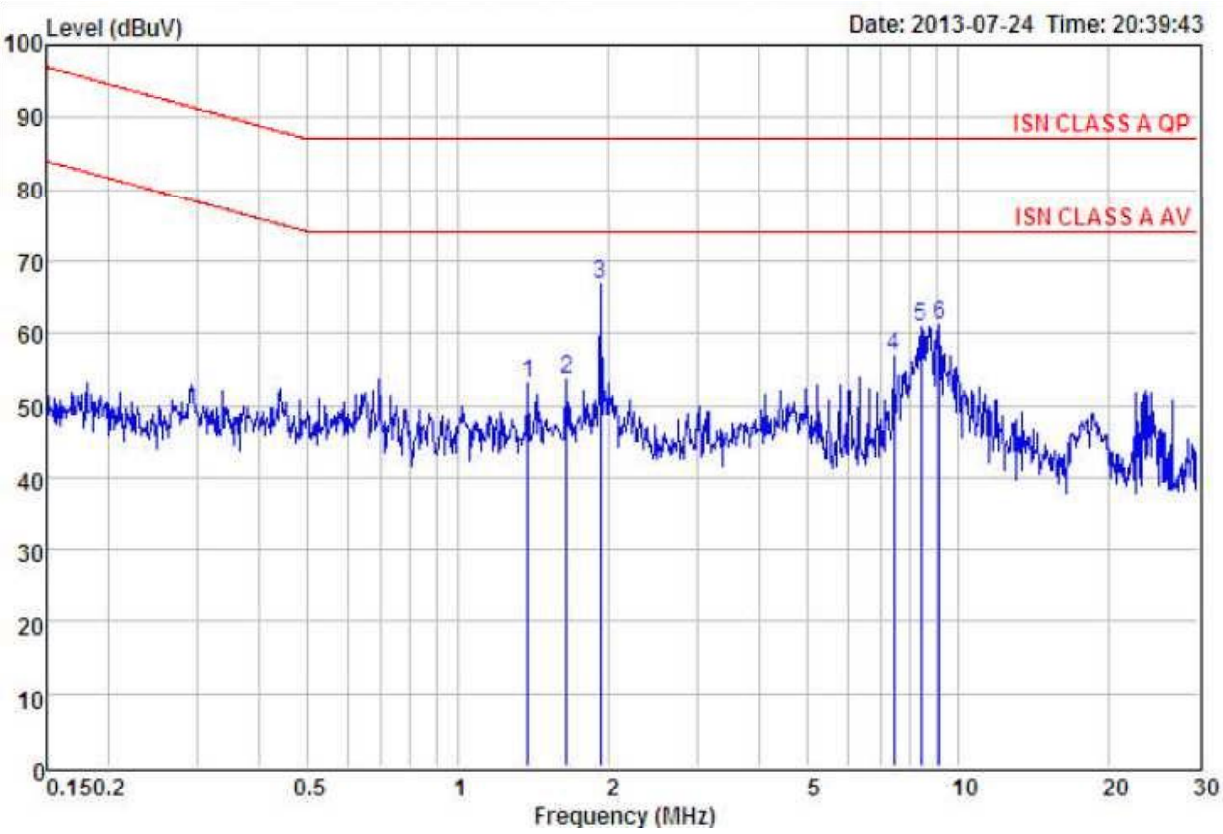
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	62.60	72.70	10.10	-18.71	91.41	Peak
2	0.44	61.06	71.15	10.09	-16.92	88.07	Peak
3	0.74	57.88	67.95	10.07	-19.05	87.00	Peak
4	0.88	59.90	69.96	10.06	-17.04	87.00	Peak
5	1.03	60.81	70.87	10.06	-16.13	87.00	Peak
6	1.32	56.84	66.93	10.09	-20.07	87.00	Peak

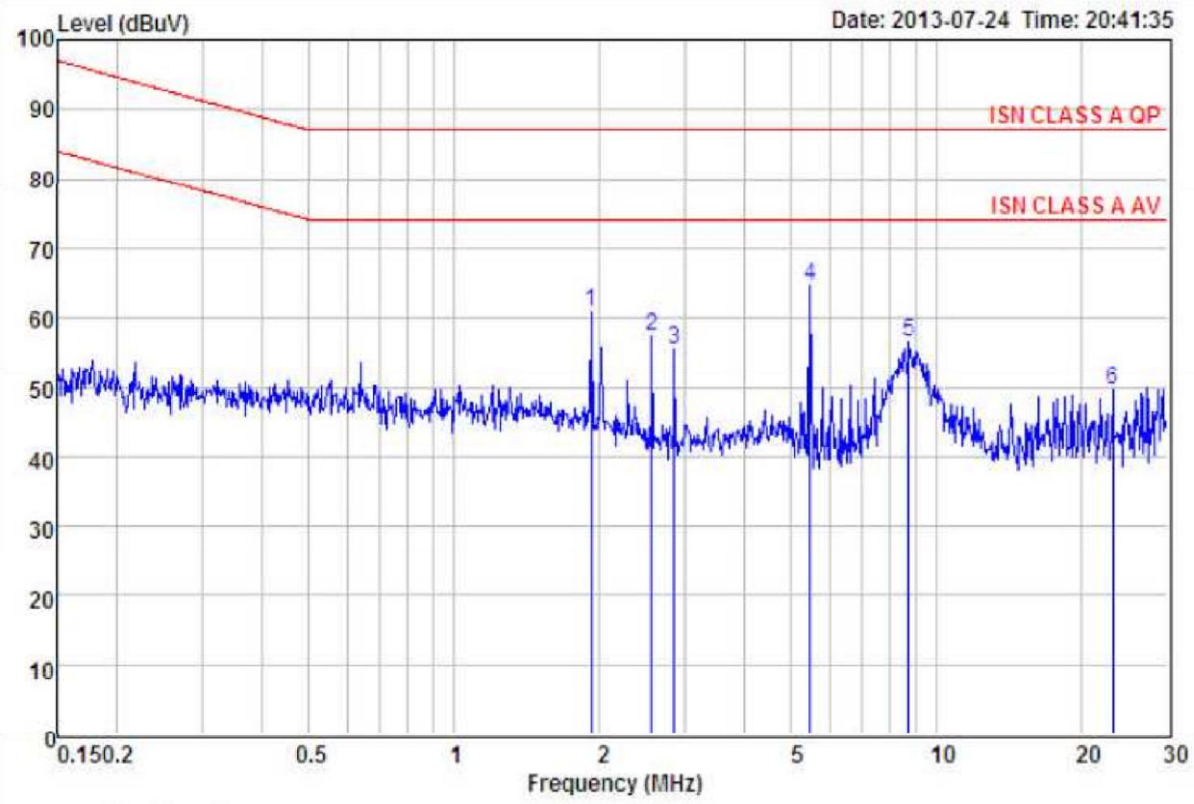
Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%

Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	25℃



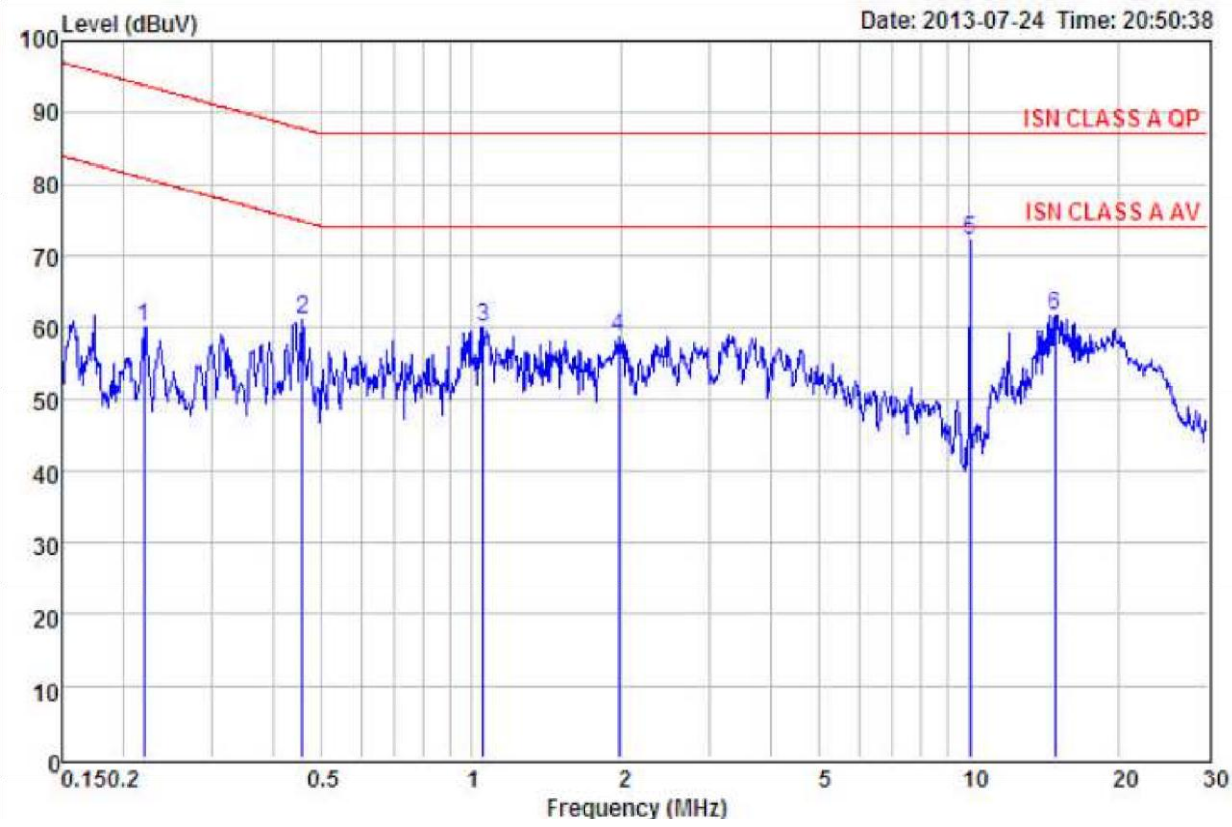
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	1.37	42.91	53.01	10.10	-33.99	87.00	Peak
2	1.64	43.53	53.64	10.11	-33.36	87.00	Peak
3	1.92	56.70	66.84	10.14	-20.16	87.00	Peak
4	7.41	46.54	56.95	10.41	-30.05	87.00	Peak
5	8.41	50.31	60.76	10.45	-26.24	87.00	Peak
6	9.16	50.54	61.01	10.47	-25.99	87.00	Peak

Test Date:	Jul. 24, 2013	Humidity:	43%



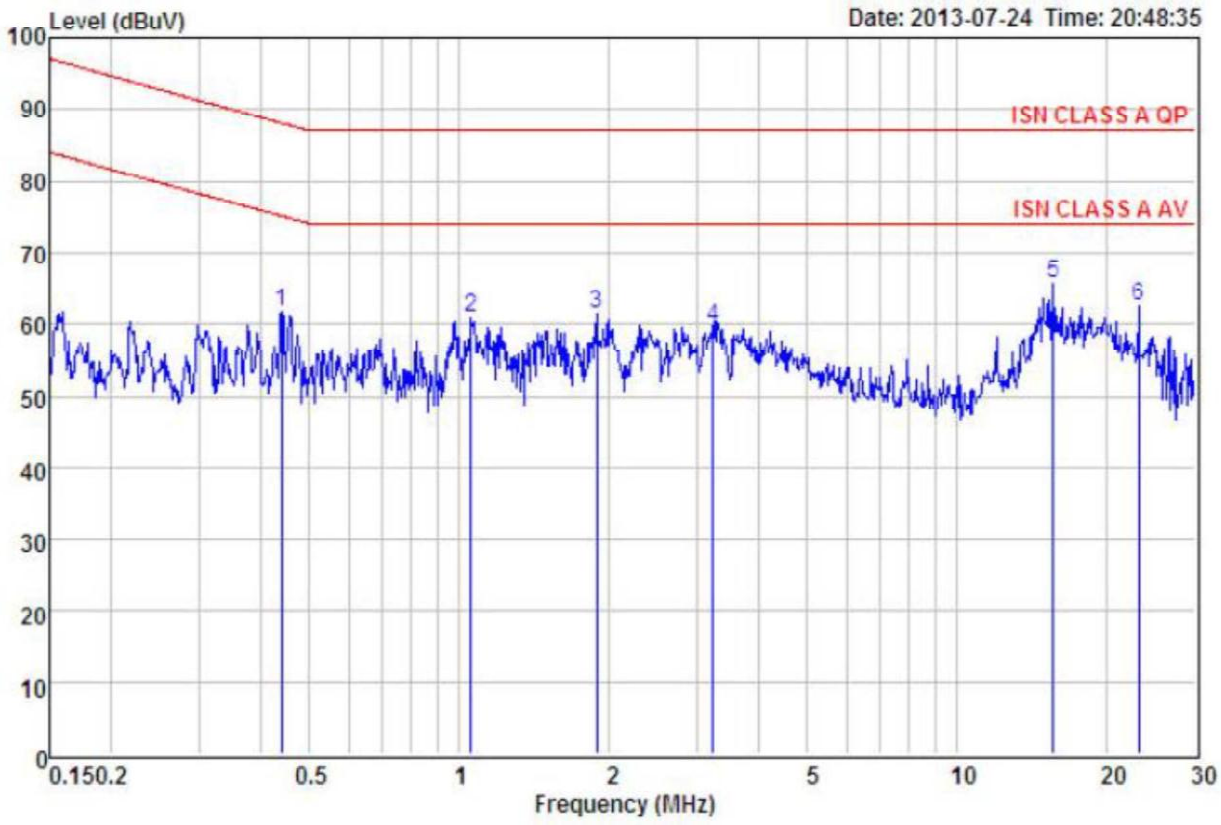
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	1.92	50.71	60.85	10.14	-26.15	87.00	Peak
2	2.57	47.13	57.31	10.18	-29.69	87.00	Peak
3	2.85	45.34	55.53	10.19	-31.47	87.00	Peak
4	5.45	54.35	64.66	10.31	-22.34	87.00	Peak
5	8.73	46.15	56.60	10.45	-30.40	87.00	Peak
6	23.14	38.51	49.49	10.98	-37.51	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	10M
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



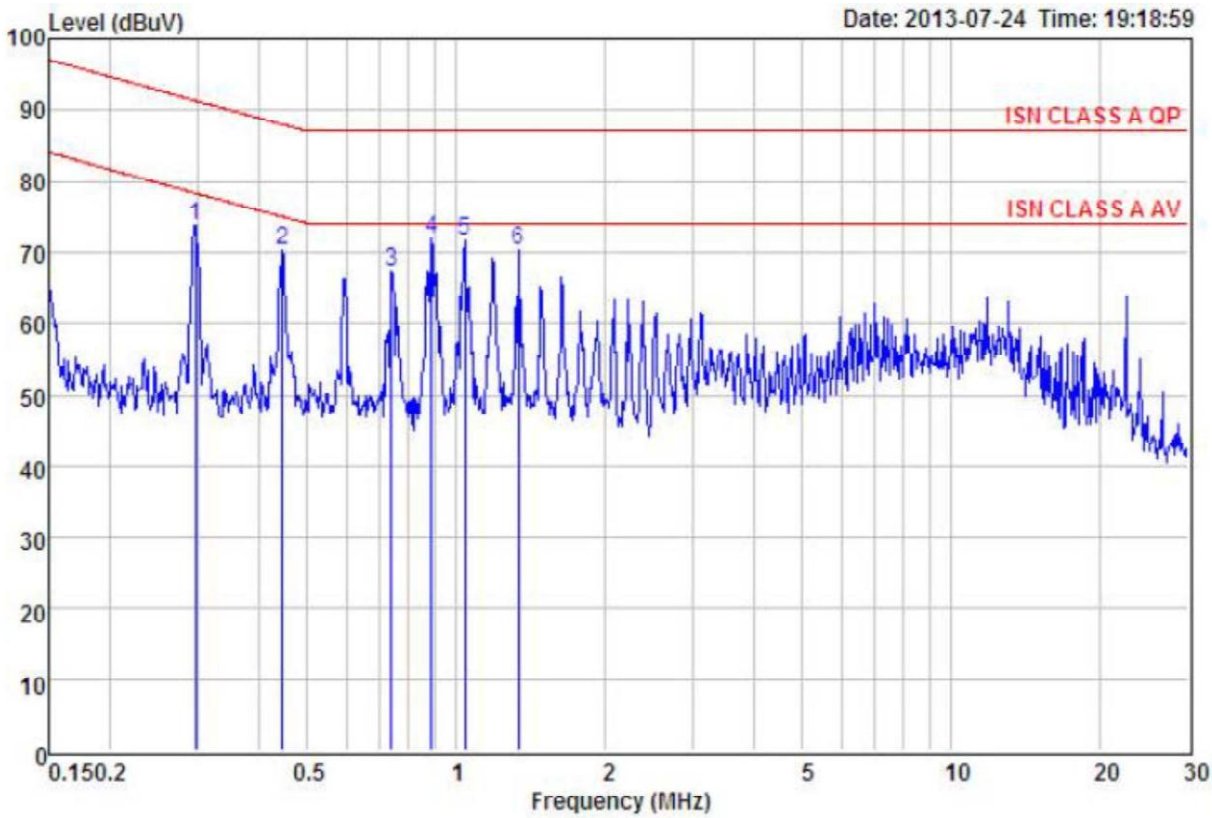
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.22	50.08	60.19	10.11	-33.64	93.83	Peak
2	0.46	51.05	61.13	10.08	-26.63	87.76	Peak
3	1.05	50.05	60.11	10.06	-26.89	87.00	Peak
4	1.97	48.44	58.58	10.14	-28.42	87.00	Peak
5	10.02	61.55	72.05	10.50	-14.95	87.00	Peak
6	14.83	51.03	61.77	10.74	-25.23	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



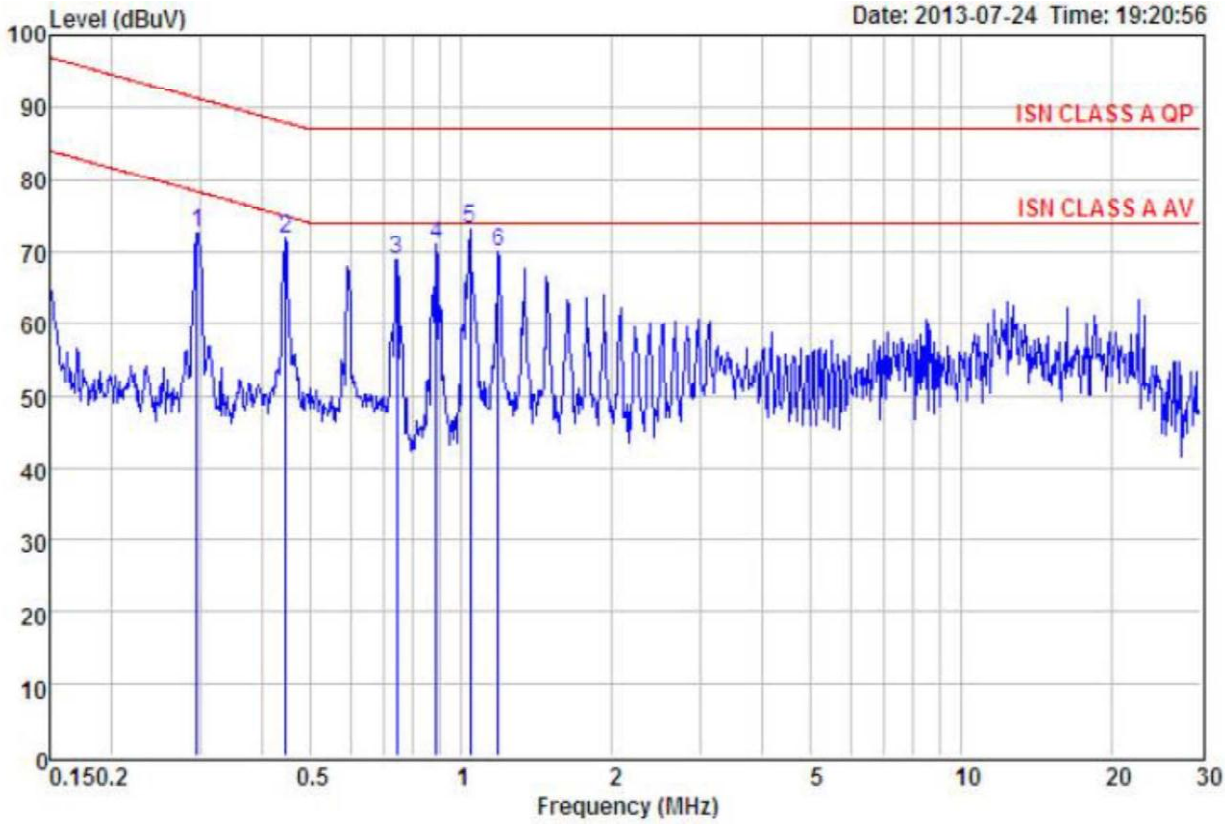
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.44	51.64	61.73	10.09	-26.34	88.07	Peak
2	1.05	50.88	60.94	10.06	-26.06	87.00	Peak
3	1.89	51.28	61.42	10.14	-25.58	87.00	Peak
4	3.22	49.25	59.47	10.22	-27.53	87.00	Peak
5	15.55	54.79	65.55	10.76	-21.45	87.00	Peak
6	23.14	51.49	62.47	10.98	-24.53	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	10M
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



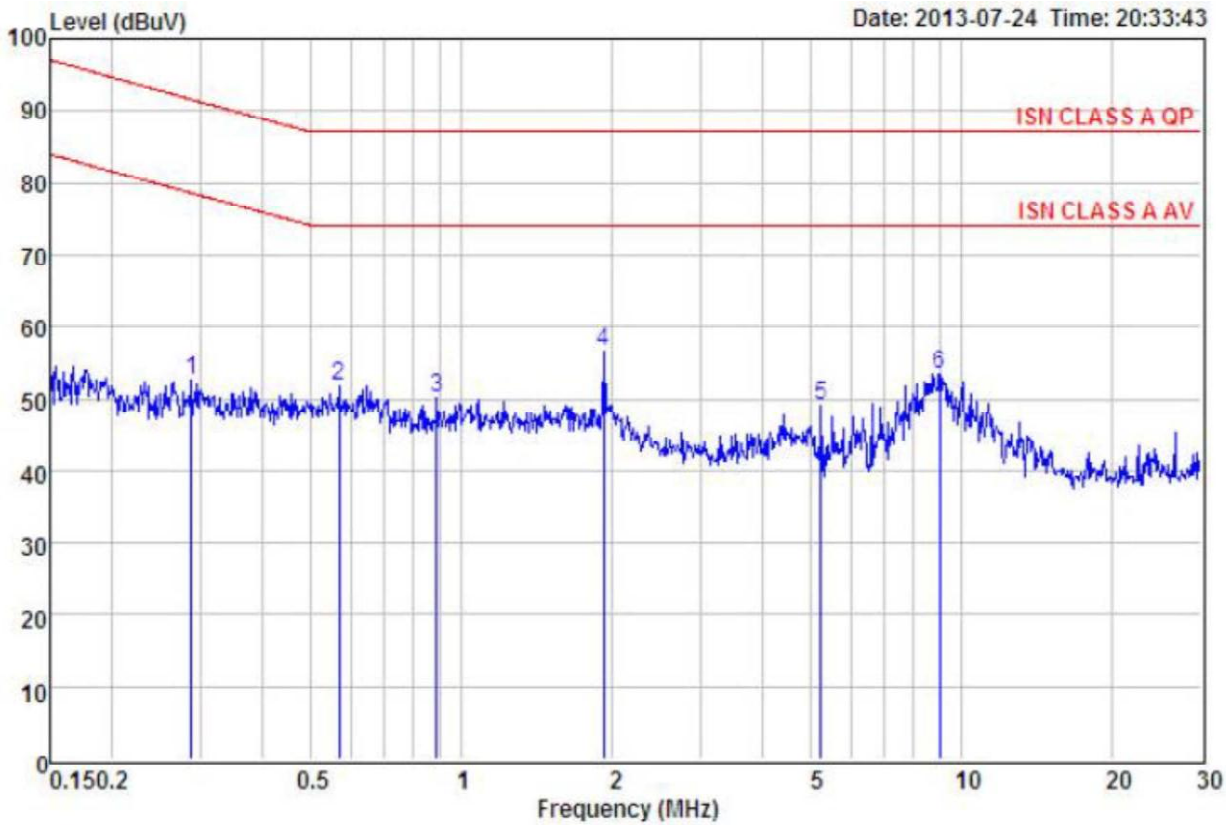
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	63.60	73.70	10.10	-17.62	91.32	Peak
2	0.44	60.14	70.23	10.09	-17.75	87.98	Peak
3	0.74	57.23	67.30	10.07	-19.70	87.00	Peak
4	0.89	61.78	71.84	10.06	-15.16	87.00	Peak
5	1.04	61.51	71.57	10.06	-15.43	87.00	Peak
6	1.33	60.12	70.21	10.09	-16.79	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



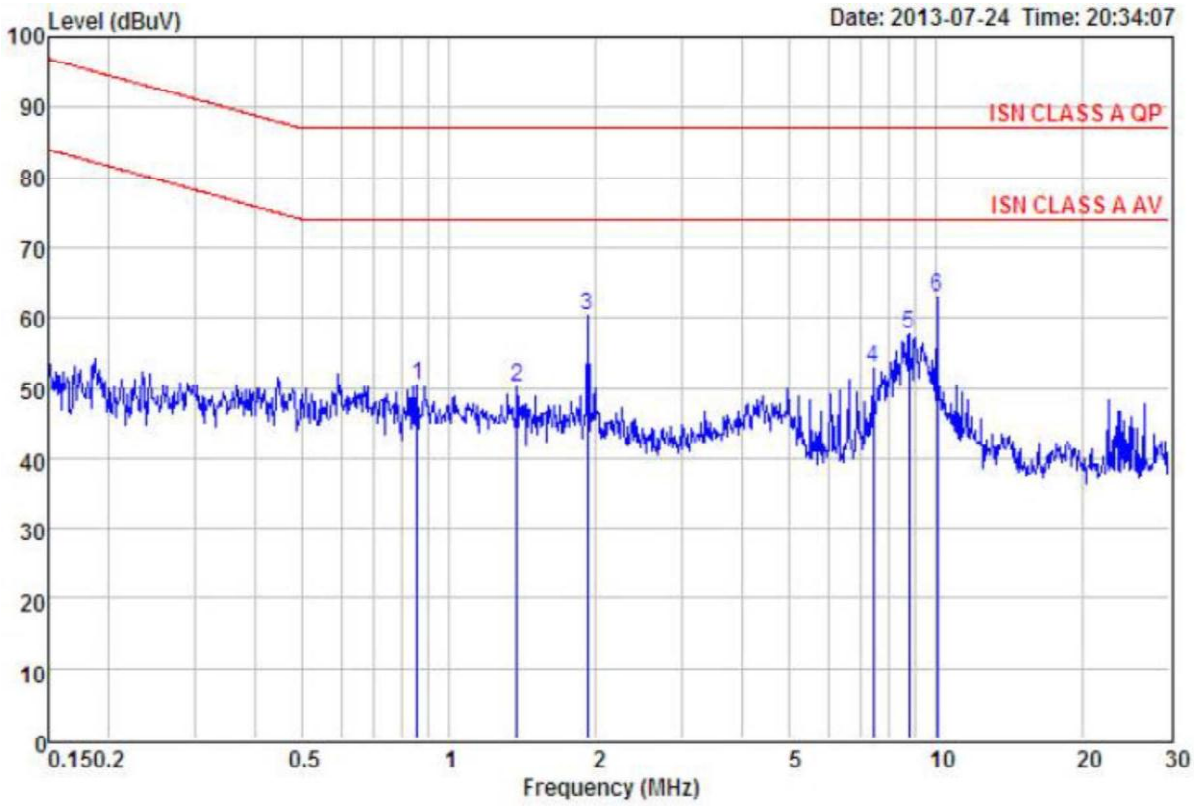
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	62.62	72.72	10.10	-18.65	91.37	Peak
2	0.44	61.82	71.91	10.09	-16.07	87.98	Peak
3	0.74	58.81	68.88	10.07	-18.12	87.00	Peak
4	0.89	61.09	71.15	10.06	-15.85	87.00	Peak
5	1.04	63.08	73.14	10.06	-13.86	87.00	Peak
6	1.18	59.97	70.04	10.07	-16.96	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%



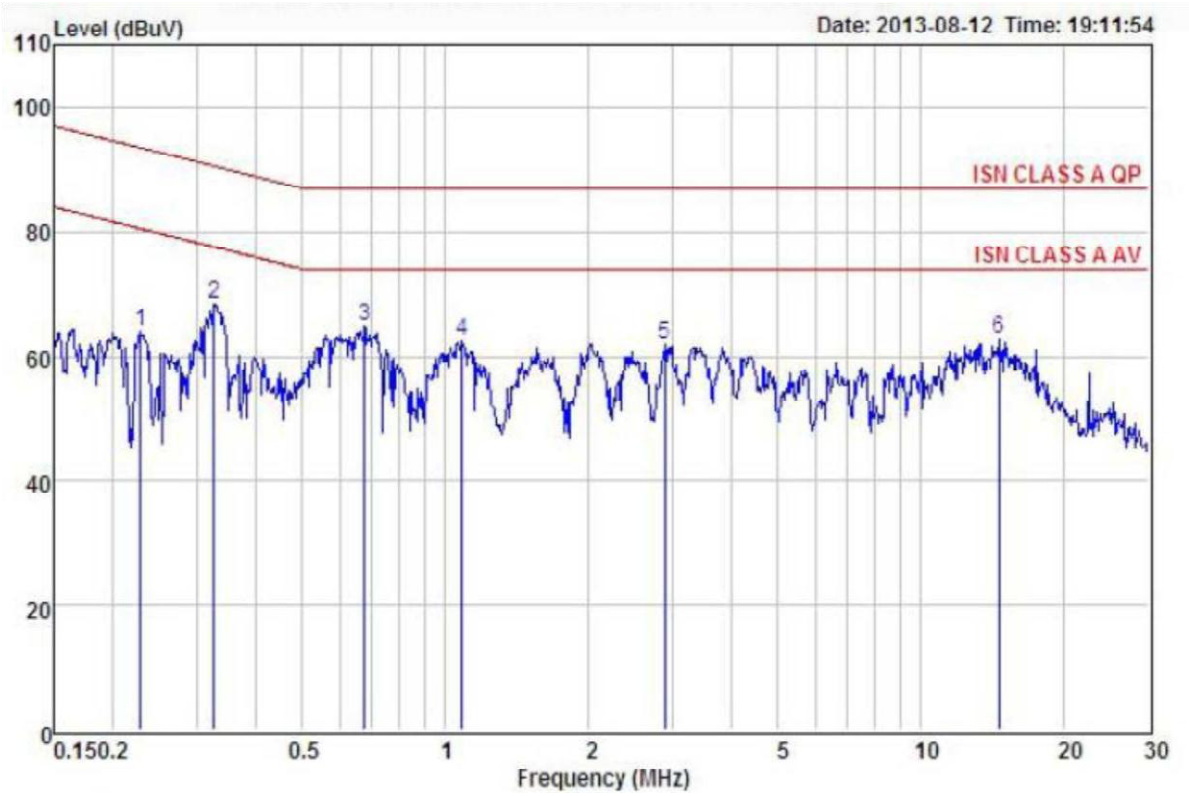
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.29	42.41	52.51	10.10	-39.08	91.59	Peak
2	0.57	41.72	51.80	10.08	-35.20	87.00	Peak
3	0.89	40.13	50.19	10.06	-36.81	87.00	Peak
4	1.92	46.41	56.55	10.14	-30.45	87.00	Peak
5	5.22	38.90	49.19	10.29	-37.81	87.00	Peak
6	9.01	42.95	53.42	10.47	-33.58	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	25℃
Test Date:	Jul. 24, 2013	Humidity:	43%


Level (dBuV)
Date: 2013-07-24 Time: 20:34:07
ISN CLASS A QP
ISN CLASS A AV
100
90
80
70
60
50
40
30
20
10
0
0.15
0.2
0.5
1
2
5
10
20
30
Frequency (MHz)
1
2
3
4
5
6

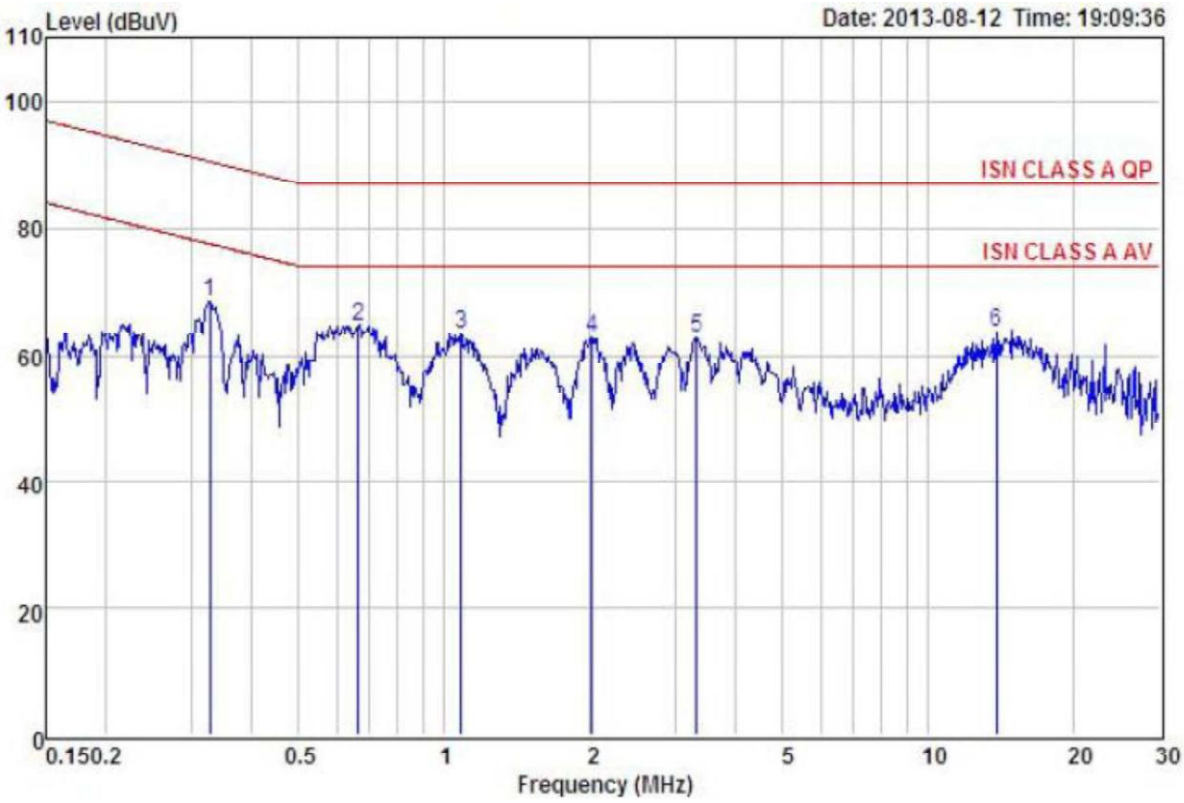
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.86	40.40	50.46	10.06	-36.54	87.00	Peak
2	1.37	40.15	50.25	10.10	-36.75	87.00	Peak
3	1.92	50.29	60.43	10.14	-26.57	87.00	Peak
4	7.41	42.48	52.89	10.41	-34.11	87.00	Peak
5	8.78	47.22	57.67	10.45	-29.33	87.00	Peak
6	10.02	52.54	63.04	10.50	-23.96	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	10M
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



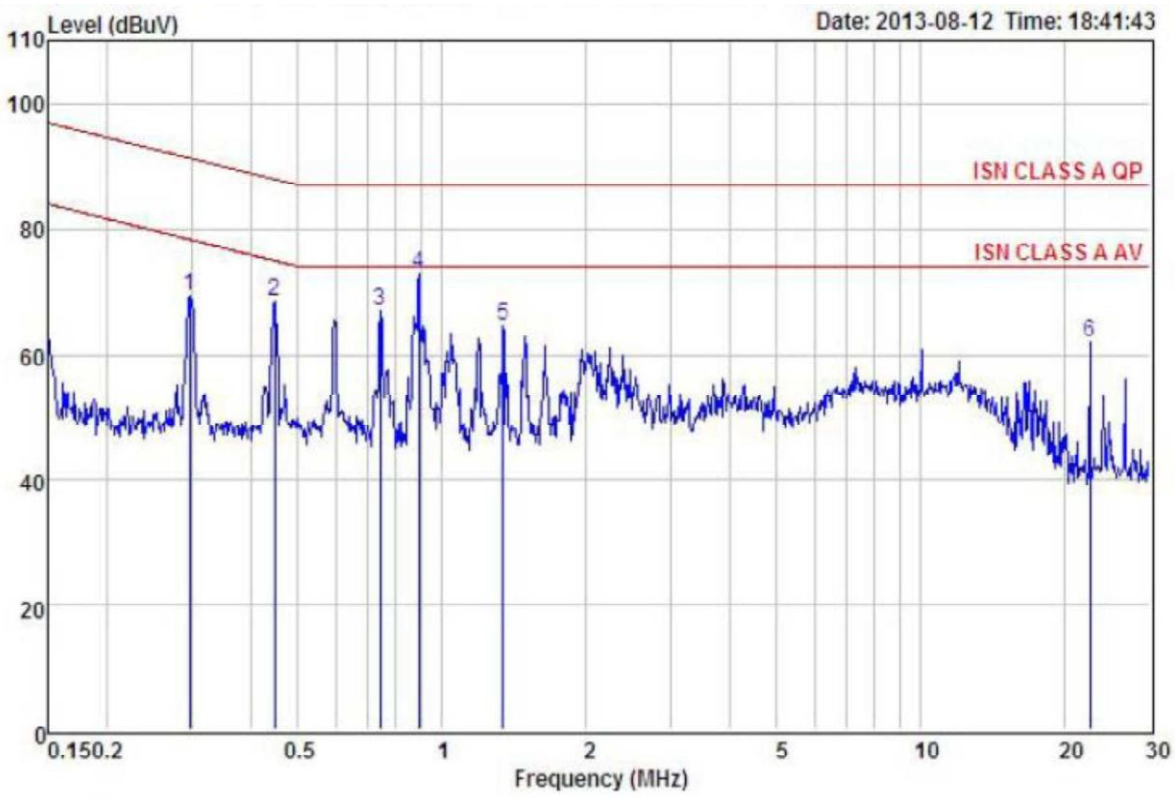
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.23	54.03	64.14	10.11	-29.38	93.52	Peak
2	0.33	58.42	68.52	10.10	-22.05	90.57	Peak
3	0.68	54.85	64.92	10.07	-22.08	87.00	Peak
4	1.08	52.33	62.40	10.07	-24.60	87.00	Peak
5	2.88	51.80	61.99	10.19	-25.01	87.00	Peak
6	14.59	51.98	62.70	10.72	-24.30	87.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	100M
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



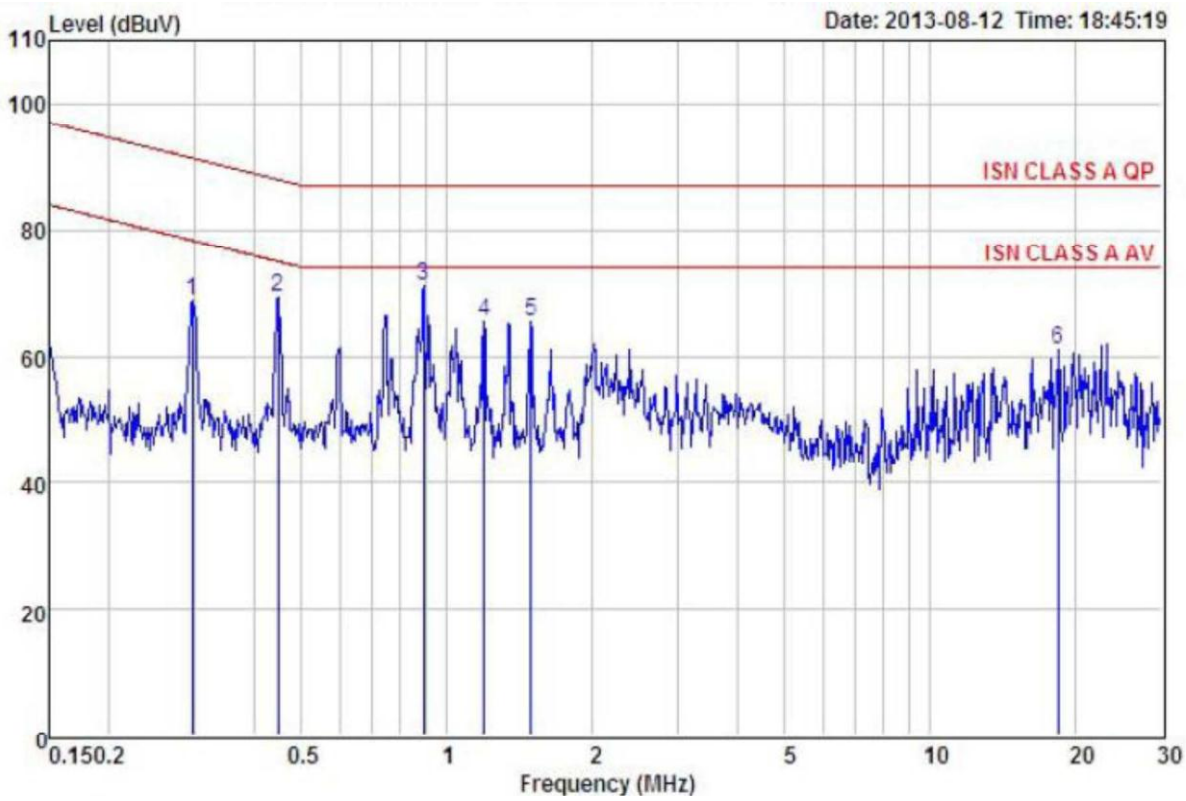
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.33	58.37	68.47	10.10	-22.06	90.53	Peak
2	0.66	54.58	64.65	10.07	-22.35	87.00	Peak
3	1.08	53.30	63.37	10.07	-23.63	87.00	Peak
4	2.01	52.57	62.71	10.14	-24.29	87.00	Peak
5	3.31	52.45	62.67	10.22	-24.33	87.00	Peak
6	13.84	53.03	63.72	10.69	-23.28	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	10M
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



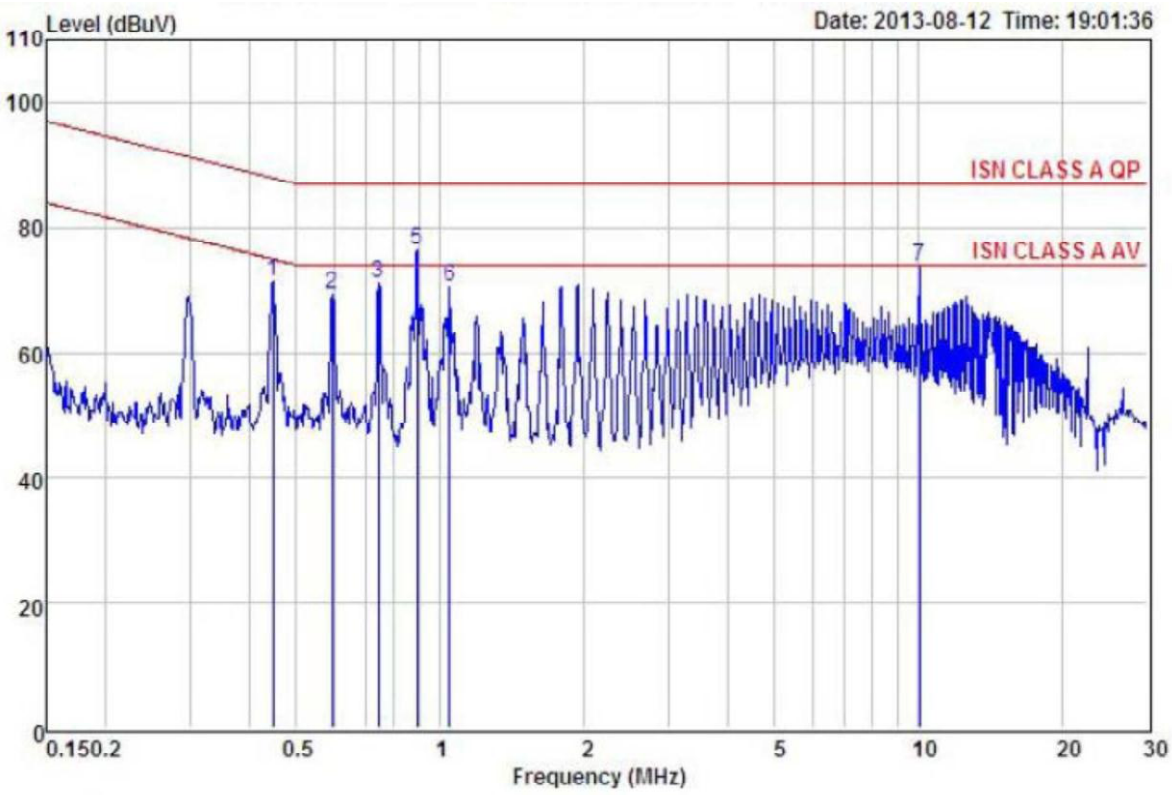
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	59.19	69.29	10.10	-22.03	91.32	Peak
2	0.45	58.27	68.36	10.09	-19.57	87.93	Peak
3	0.74	56.88	66.95	10.07	-20.05	87.00	Peak
4	0.89	62.75	72.82	10.07	-14.18	87.00	Peak
5	1.34	54.63	64.73	10.10	-22.27	87.00	Peak
6	22.54	50.99	61.95	10.96	-25.05	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	100M
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



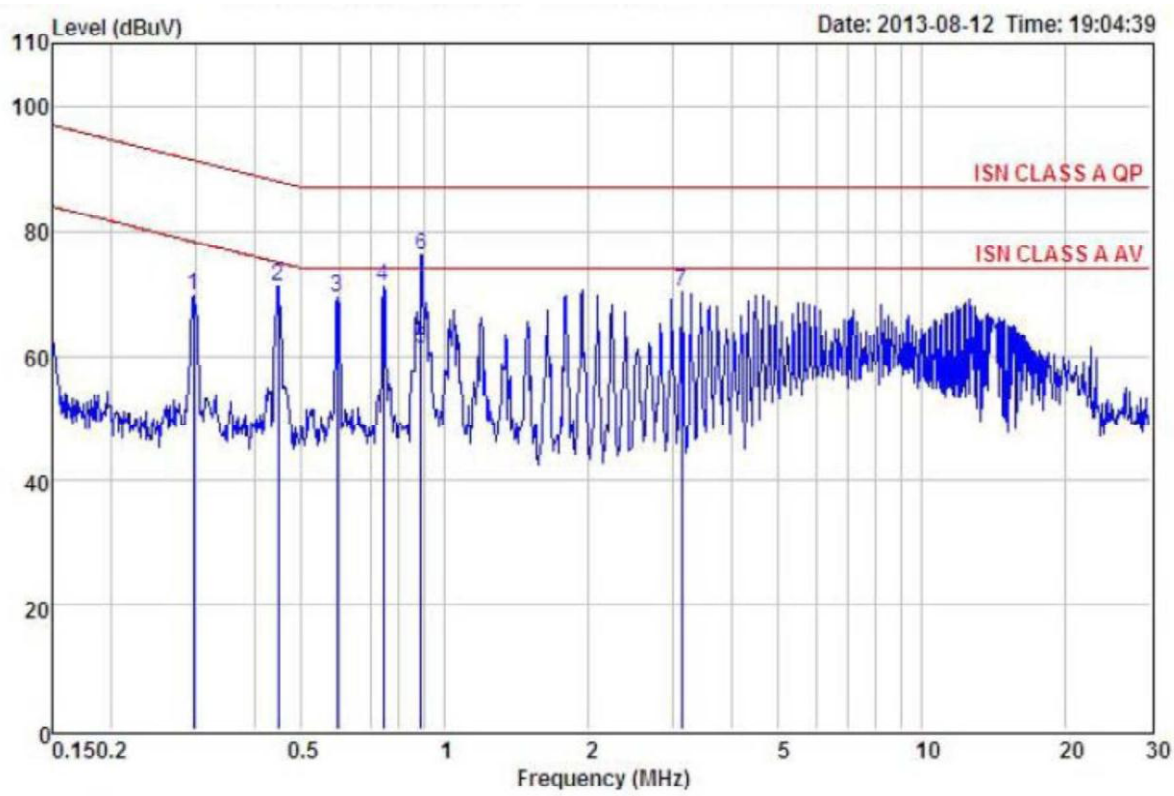
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	58.67	68.77	10.10	-22.55	91.32	Peak
2	0.45	59.08	69.17	10.09	-18.76	87.93	Peak
3	0.89	60.92	70.99	10.07	-16.01	87.00	Peak
4	1.19	55.38	65.47	10.09	-21.53	87.00	Peak
5	1.49	55.26	65.36	10.10	-21.64	87.00	Peak
6	18.33	50.10	60.93	10.83	-26.07	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



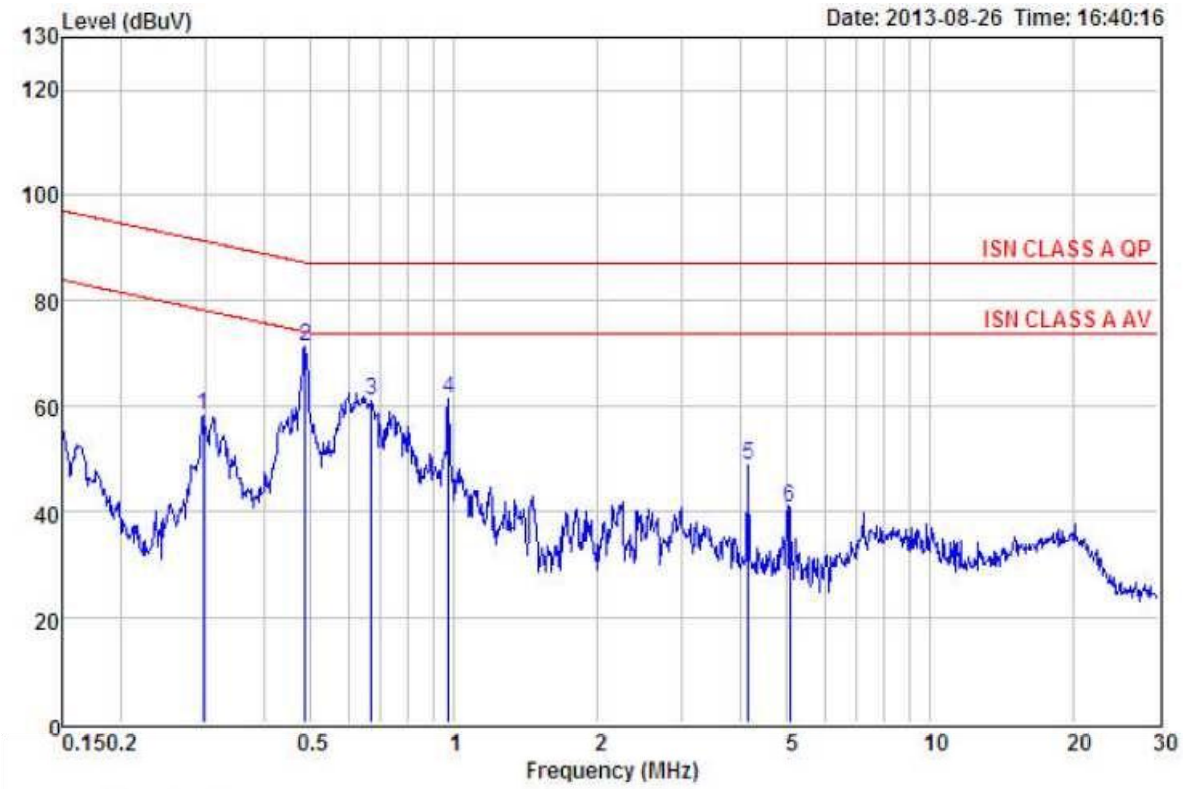
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.45	61.14	71.23	10.09	-16.70	87.93	Peak
2	0.59	59.31	69.39	10.08	-17.61	87.00	Peak
3	0.74	60.99	71.06	10.07	-15.94	87.00	Peak
4	0.89	53.73	63.80	10.07	-10.20	74.00	Average
5	0.89	66.32	76.39	10.07	-10.61	87.00	Peak
6	1.04	60.41	70.47	10.06	-16.53	87.00	Peak
7	10.02	63.09	73.59	10.50	-13.41	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 12, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	59.51	69.61	10.10	-21.71	91.32	Peak
2	0.45	60.94	71.03	10.09	-16.90	87.93	Peak
3	0.59	59.26	69.34	10.08	-17.66	87.00	Peak
4	0.74	60.93	71.00	10.07	-16.00	87.00	Peak
5	0.89	51.04	61.10	10.06	-12.90	74.00	Average
6	0.89	66.09	76.15	10.06	-10.85	87.00	Peak
7	3.12	59.98	70.18	10.20	-16.82	87.00	Peak

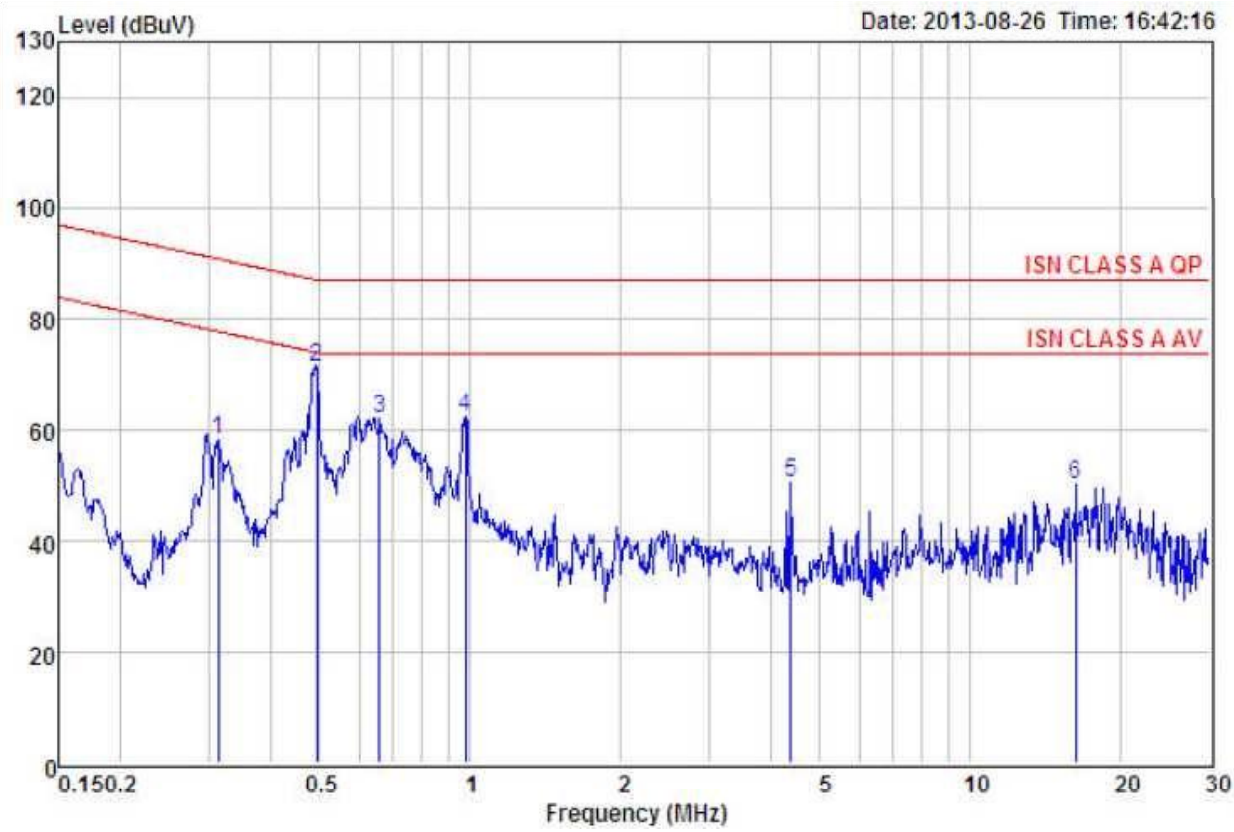
Power:	DC 12V Adaptor	Pol/Phase:	10M
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%



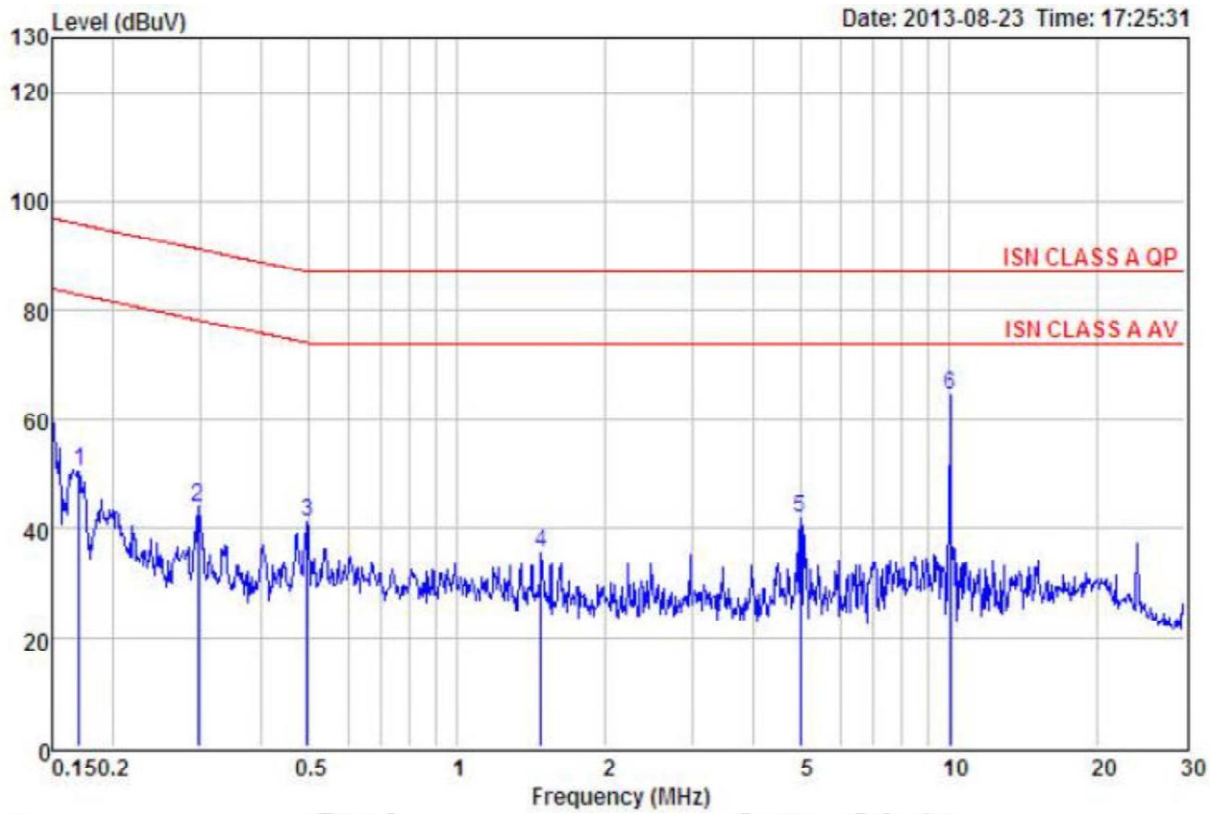
Power:	DC 12V Adaptor	Pol/Phase:	100M
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.30	58.15	58.19	0.04	-33.13	91.32	Peak
2	0.49	71.39	71.44	0.05	-15.79	87.23	Peak
3	0.67	60.98	61.04	0.06	-25.96	87.00	Peak
4	0.97	61.13	61.21	0.08	-25.79	87.00	Peak
5	4.14	48.51	48.74	0.23	-38.26	87.00	Peak
6	5.06	40.41	40.66	0.25	-46.34	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	10M
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 23, 2013	Humidity:	43%

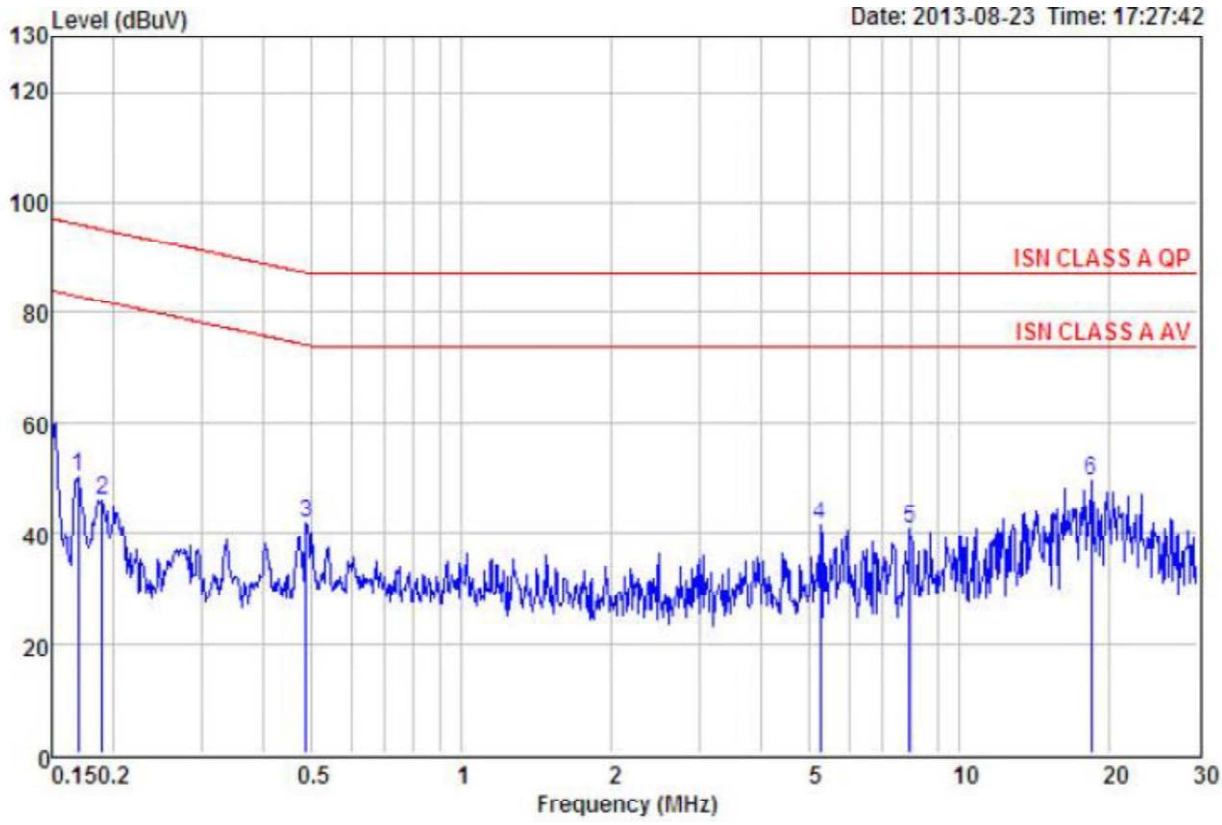


	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.31	58.03	58.07	0.04	-32.81	90.88	Peak
2	0.49	71.36	71.41	0.05	-15.73	87.14	Peak
3	0.66	62.14	62.20	0.06	-24.80	87.00	Peak
4	0.98	62.27	62.35	0.08	-24.65	87.00	Peak
5	4.36	50.15	50.38	0.23	-36.62	87.00	Peak
6	16.23	49.66	50.13	0.47	-36.87	87.00	Peak



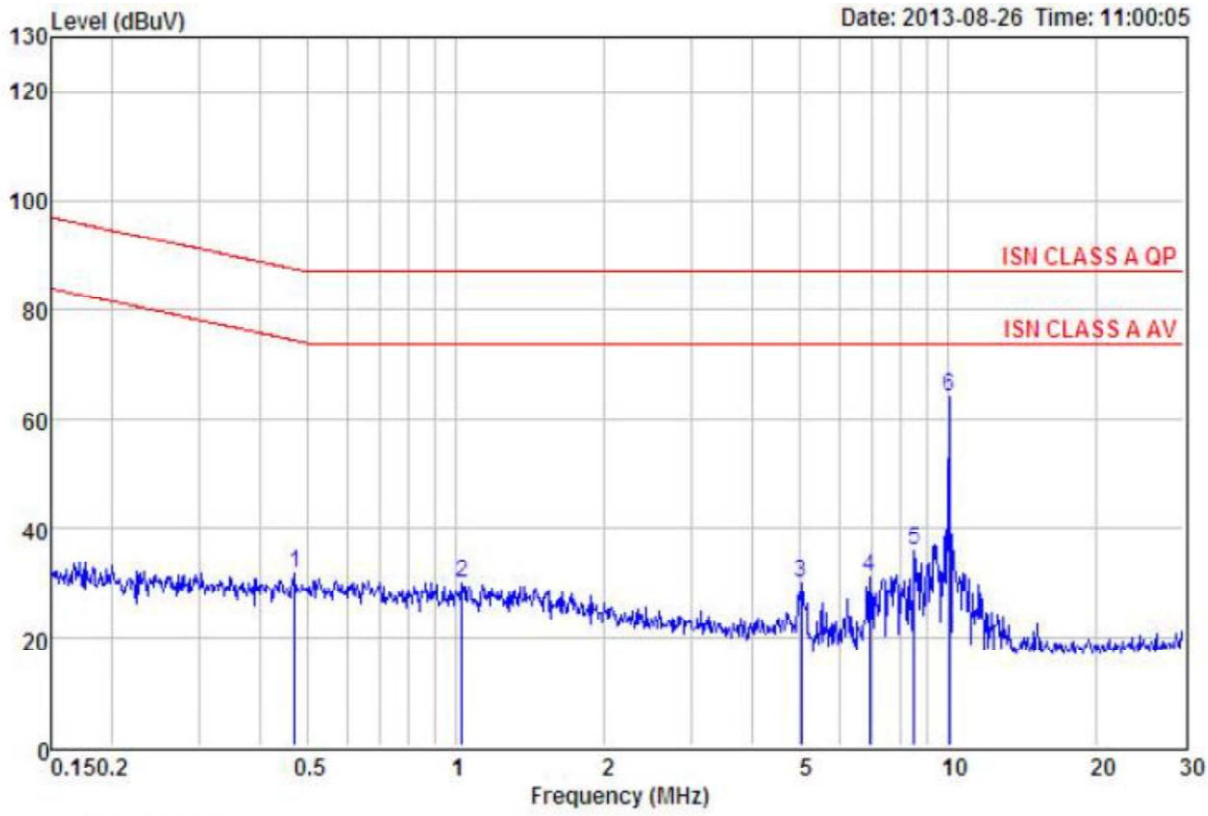
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.17	50.42	50.46	0.04	-45.48	95.94	Peak
2	0.30	43.72	43.76	0.04	-47.56	91.32	Peak
3	0.49	41.06	41.11	0.05	-45.99	87.10	Peak
4	1.48	35.36	35.47	0.11	-51.53	87.00	Peak
5	4.98	41.49	41.74	0.25	-45.26	87.00	Peak
6	10.02	64.16	64.49	0.33	-22.51	87.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	100M
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	25℃
Test Date:	Aug. 23, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.17	50.21	50.25	0.04	-45.74	95.99	Peak
2	0.19	46.09	46.13	0.04	-48.93	95.06	Peak
3	0.49	41.71	41.76	0.05	-45.47	87.23	Peak
4	5.25	41.22	41.48	0.26	-45.52	87.00	Peak
5	7.94	40.37	40.67	0.30	-46.33	87.00	Peak
6	18.33	48.85	49.34	0.49	-37.66	87.00	Peak

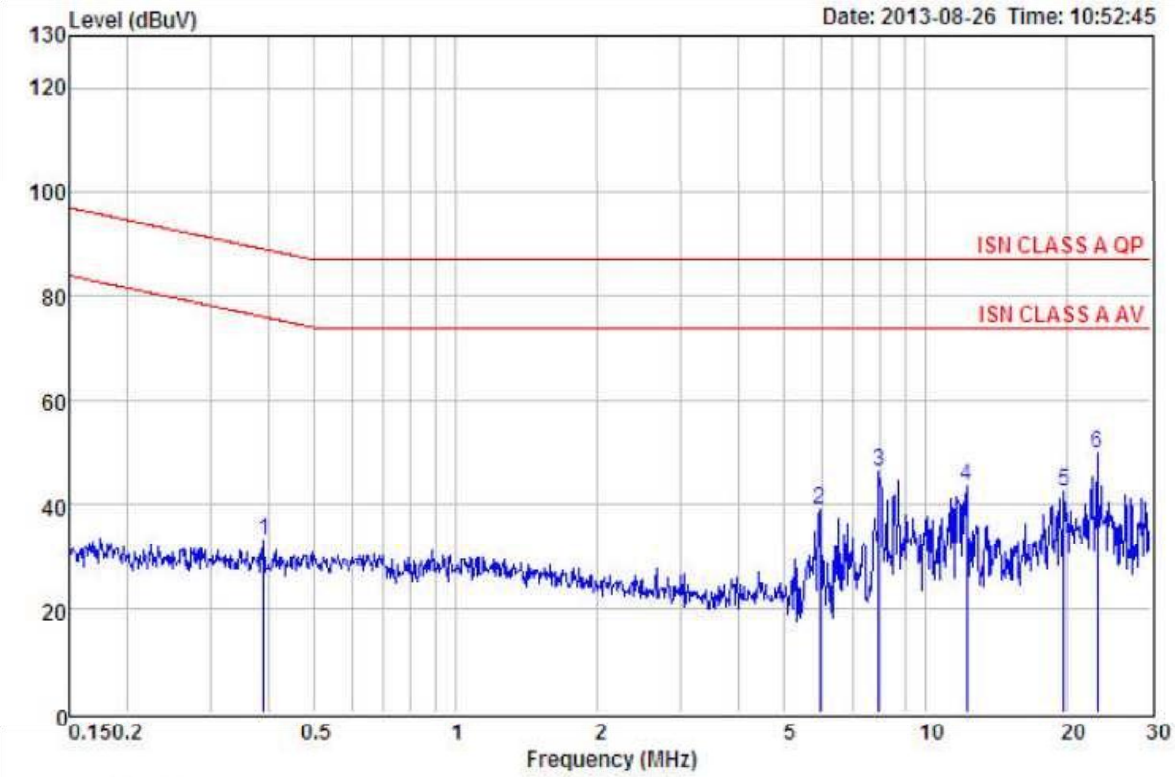
Power:	POE Adaptor	Pol/Phase:	10M
Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.47	31.67	31.72	0.05	-55.82	87.54	Peak
2	1.03	29.88	29.96	0.08	-57.04	87.00	Peak
3	5.00	29.78	30.03	0.25	-56.97	87.00	Peak
4	6.91	30.69	30.98	0.29	-56.02	87.00	Peak
5	8.50	35.70	36.01	0.31	-50.99	87.00	Peak
6	10.02	63.96	64.29	0.33	-22.71	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	100M

Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 26, 2013	Humidity:	43%

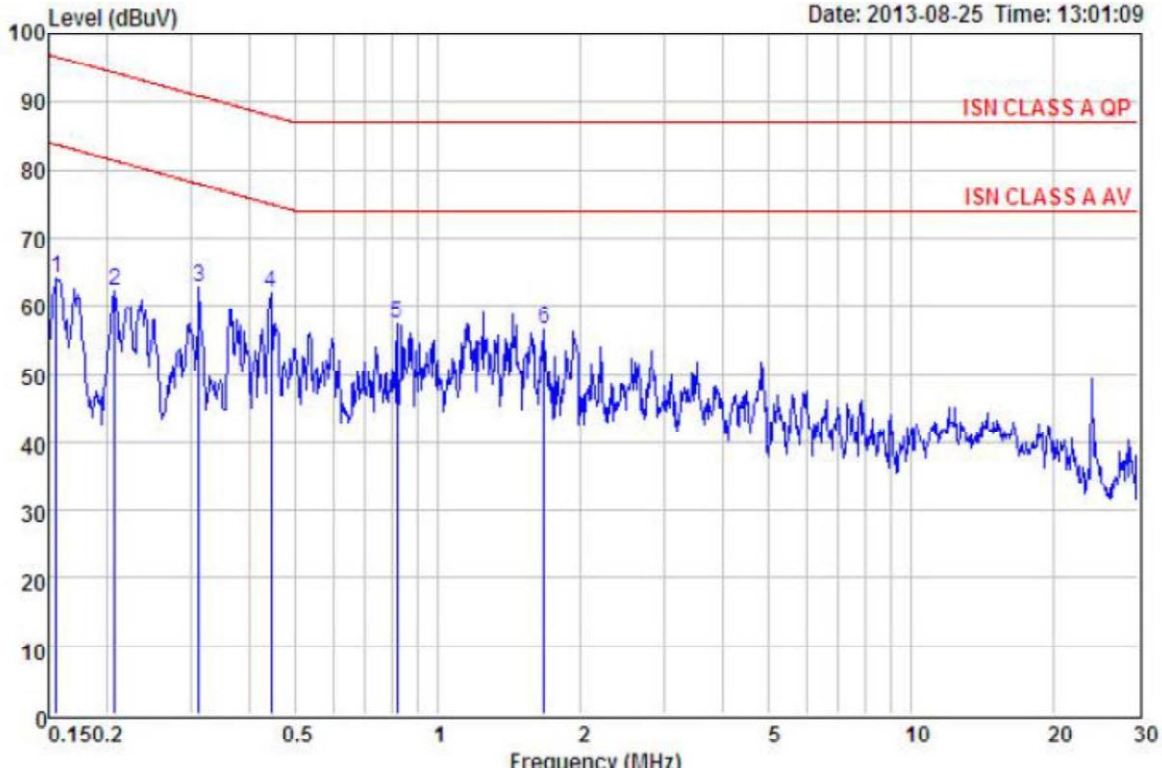


Power:	DC 12V Adaptor	Pol/Phase:	10M

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.39	32.94	32.99	0.05	-56.09	89.08	Peak
2	5.93	38.85	39.12	0.27	-47.88	87.00	Peak
3	7.94	45.94	46.24	0.30	-40.76	87.00	Peak
4	12.19	43.17	43.56	0.39	-43.44	87.00	Peak
5	19.64	41.87	42.38	0.51	-44.62	87.00	Peak
6	23.14	49.13	49.69	0.56	-37.31	87.00	Peak

Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	25℃

Test Date:	Aug. 25, 2013	Humidity:	43%

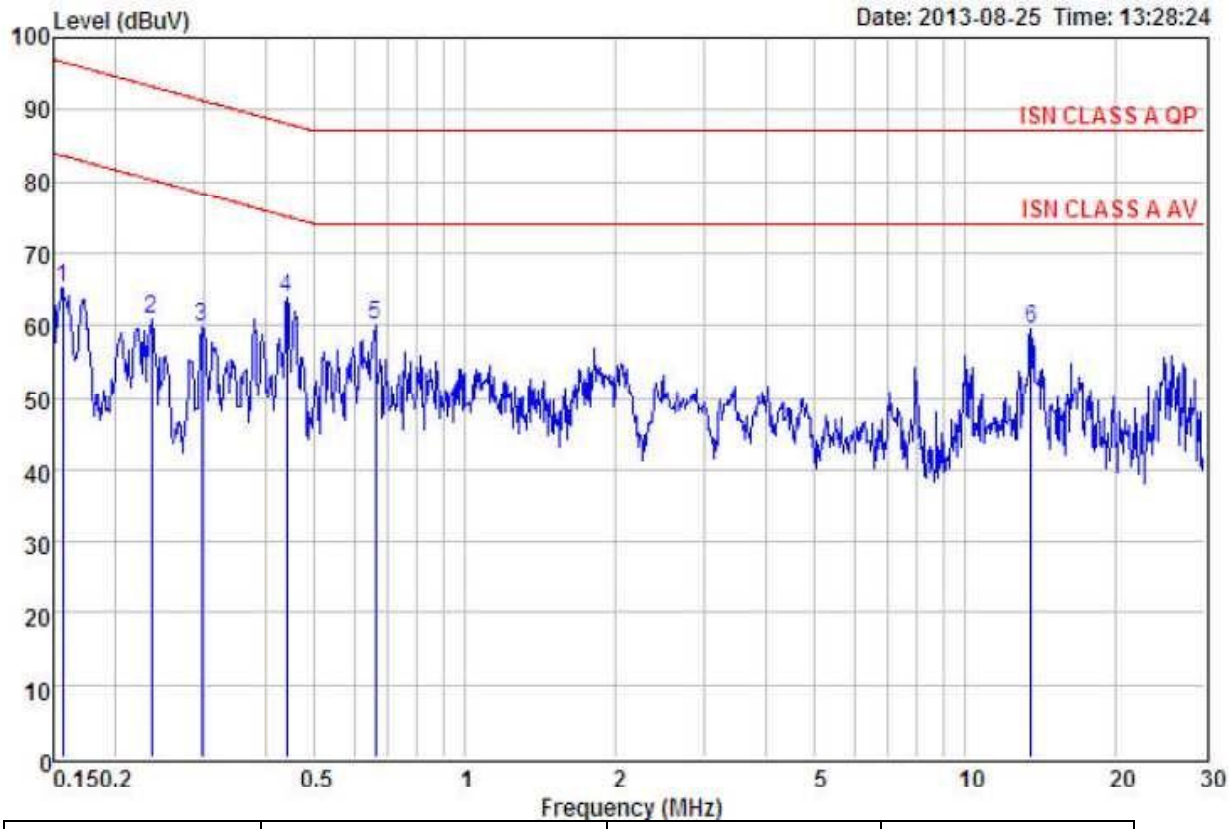


Power:	DC 12V Adaptor	Pol/Phase:	100M

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.16	63.99	63.99	0.00	-32.70	96.69	Peak
2	0.21	62.14	62.14	0.00	-32.18	94.32	Peak
3	0.31	62.61	62.61	0.00	-28.32	90.93	Peak
4	0.44	61.85	61.85	0.00	-26.17	88.02	Peak
5	0.82	57.24	57.24	0.00	-29.76	87.00	Peak
6	1.67	56.55	56.55	0.00	-30.45	87.00	Peak

Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	25℃
Test Date:	Aug. 25, 2013	Humidity:	43%

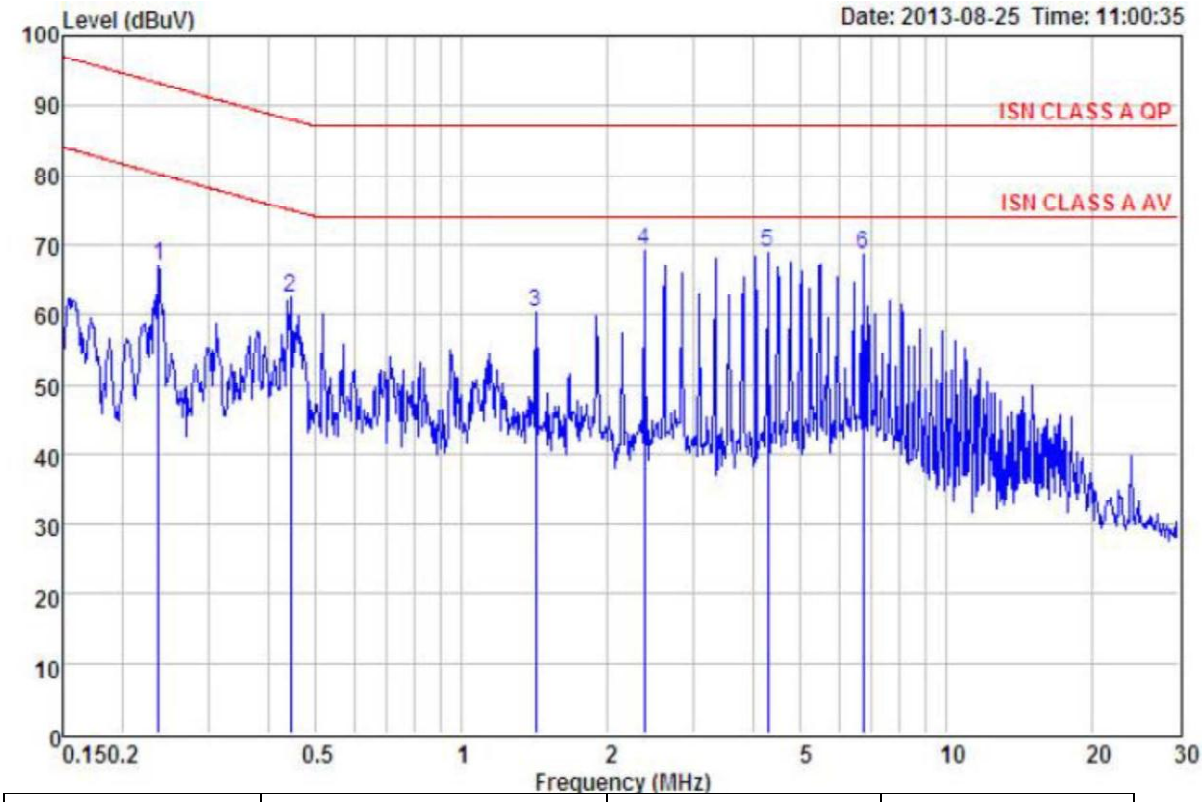
Power:	AC 24V Adaptor	Pol/Phase:	10M



Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	25℃

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.16	65.28	65.28	0.00	-31.37	96.65	Peak
2	0.24	60.93	60.93	0.00	-32.33	93.26	Peak
3	0.30	59.69	59.69	0.00	-31.63	91.32	Peak
4	0.44	63.69	63.69	0.00	-24.38	88.07	Peak
5	0.66	60.10	60.10	0.00	-26.90	87.00	Peak
6	13.48	59.40	59.40	0.00	-27.60	87.00	Peak

Test Date:	Aug. 25, 2013	Humidity:	43%

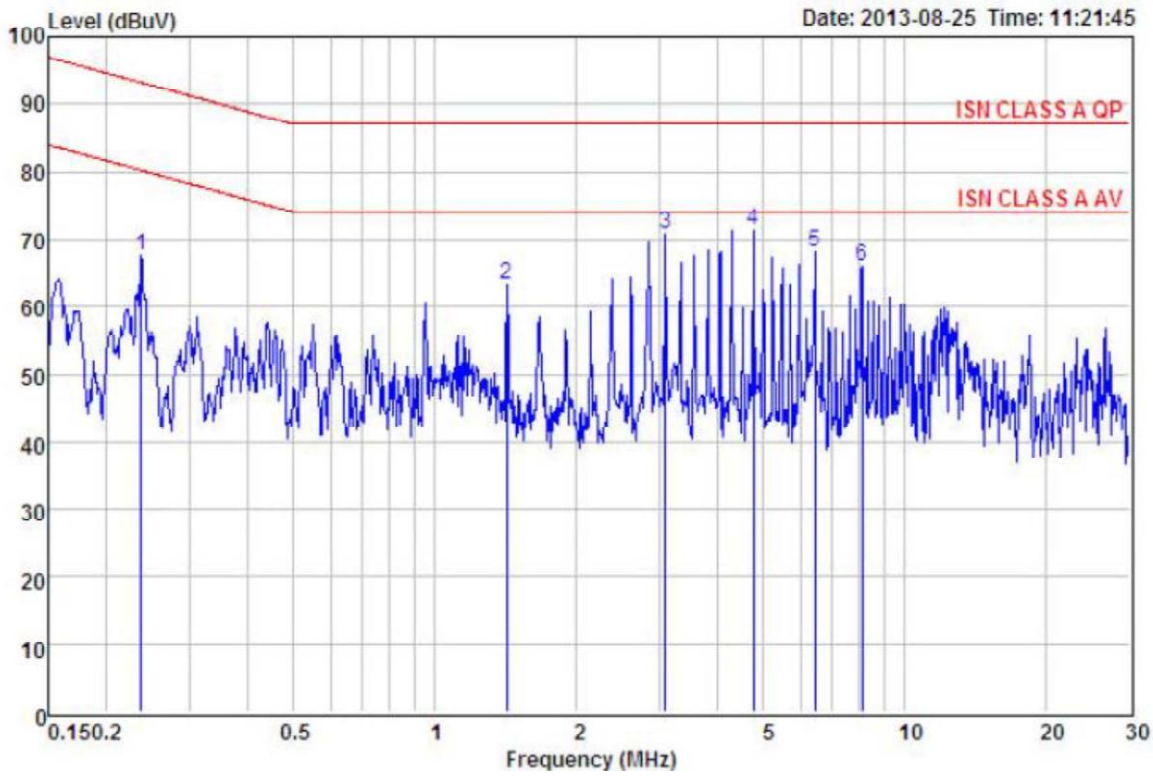


Power:	AC 24V Adaptor	Pol/Phase:	100M

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	67.05	67.05	0.00	-26.17	93.22	Peak
2	0.44	62.41	62.41	0.00	-25.61	88.02	Peak
3	1.42	60.23	60.23	0.00	-26.77	87.00	Peak
4	2.37	69.11	69.11	0.00	-17.89	87.00	Peak
5	4.27	68.89	68.89	0.00	-18.11	87.00	Peak
6	6.73	68.62	68.62	0.00	-18.38	87.00	Peak

Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	25℃

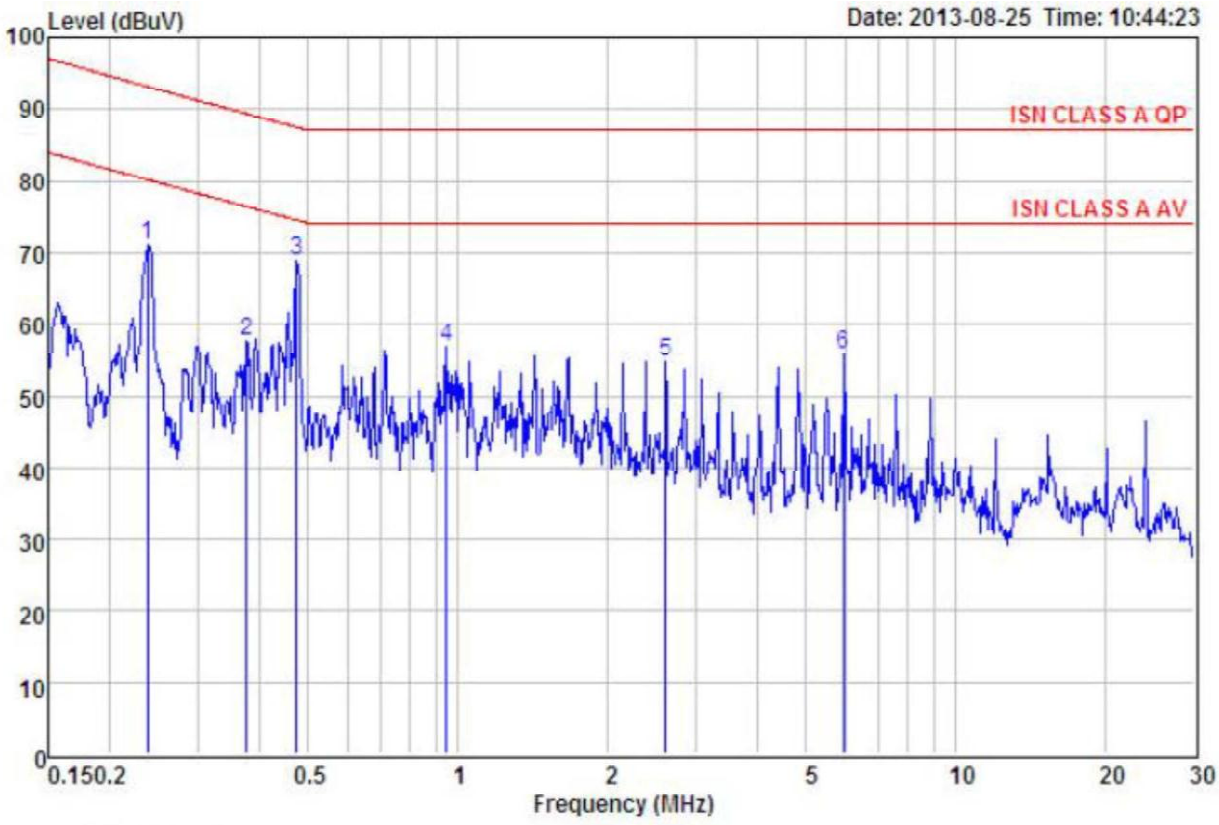
Test Date:	Aug. 25, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	67.62	67.62	0.00	-25.60	93.22	Peak
2	1.42	63.16	63.16	0.00	-23.84	87.00	Peak
3	3.09	70.65	70.65	0.00	-16.35	87.00	Peak
4	4.75	71.23	71.23	0.00	-15.77	87.00	Peak
5	6.42	68.19	68.19	0.00	-18.81	87.00	Peak
6	8.11	65.91	65.91	0.00	-21.09	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	10M

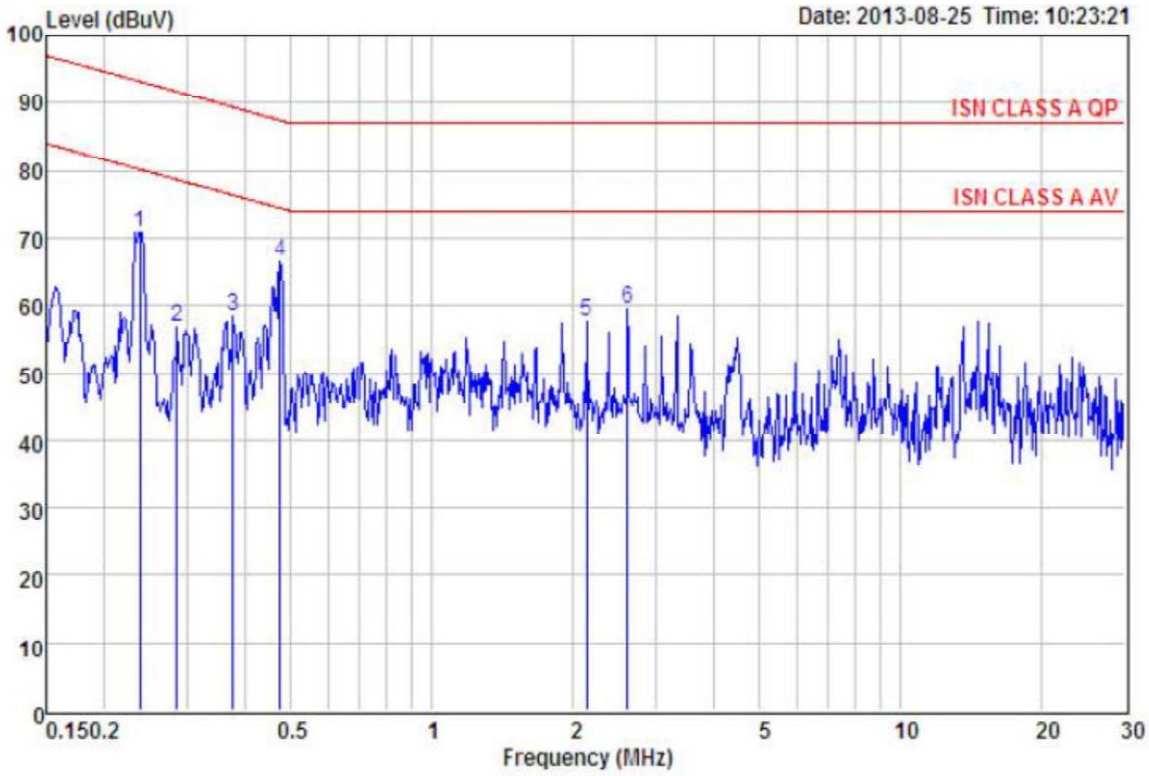
Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 25, 2013	Humidity:	43%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	71.18	71.18	0.00	-21.99	93.17	Peak
2	0.38	57.70	57.70	0.00	-31.69	89.39	Peak
3	0.47	69.00	69.00	0.00	-18.45	87.45	Peak
4	0.95	56.87	56.87	0.00	-30.13	87.00	Peak
5	2.61	54.66	54.66	0.00	-32.34	87.00	Peak
6	5.93	55.83	55.83	0.00	-31.17	87.00	Peak

Power:	POE Adaptor	Pol/Phase:	100M
Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	25℃
Test Date:	Aug. 25, 2013	Humidity:	43%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	
1	0.24	70.70	70.70	0.00	-22.47	93.17	Peak
2	0.28	56.71	56.71	0.00	-34.97	91.68	Peak
3	0.38	58.33	58.33	0.00	-31.06	89.39	Peak
4	0.47	66.54	66.54	0.00	-20.91	87.45	Peak
5	2.13	57.73	57.73	0.00	-29.27	87.00	Peak
6	2.61	59.62	59.62	0.00	-27.38	87.00	Peak



3.6 TEST PHOTO:

DC 12V

Front View

Rear View

AC 24V

Front View

Rear View

POE

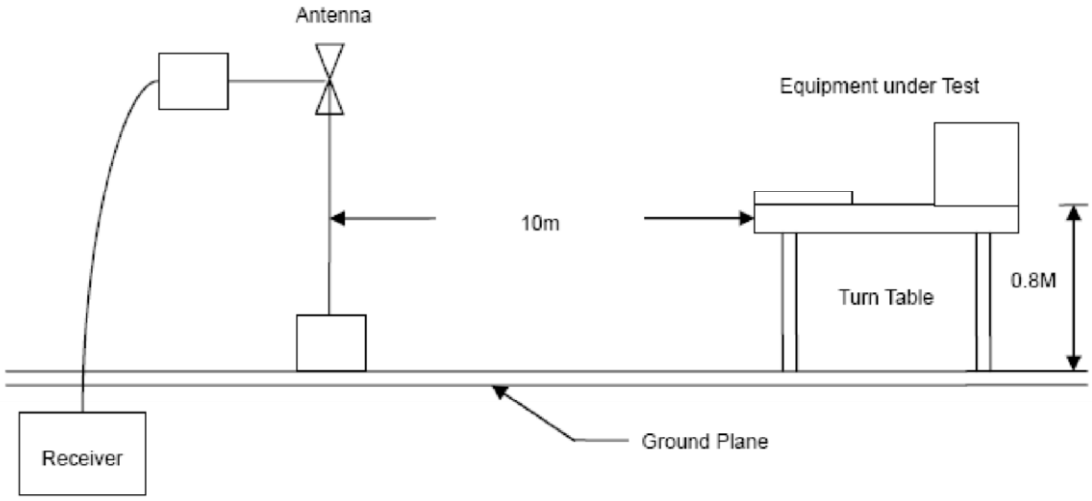
Front View

Rear View

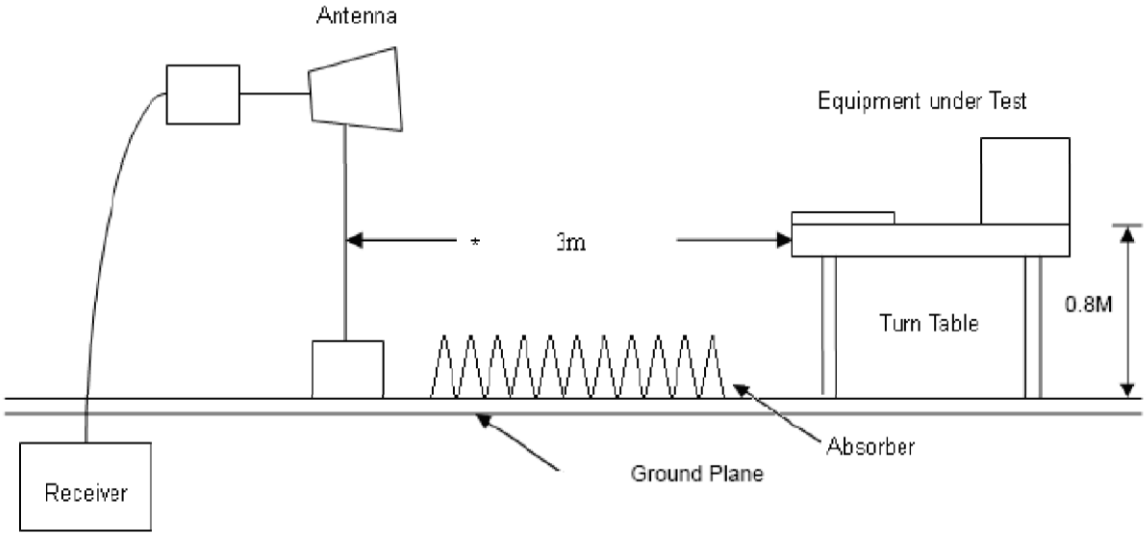
4. RADIATED EMISSION MEASUREMENT

4.1 TEST SETUP

Below 1GHz Test Setup



Above 1GHz Test Setup



4.2 TEST LIMIT

Frequency	Class A	Class B

MHz	Distance (Meter)	Limit dBμV/m	Distance (Meter)	Limit dBμV/m
30 ~ 230	10	40	10	30
230 ~ 1000	10	47	10	37

For Class A

Frequency range GHz	Average limit dB(μV/m)	Peak limit dB(μV/m)
1 to 3	56	76
3 to 6	60	80
NOTE The lower limit applies at the transition frequency.		

For Class B

Frequency range GHz	Average limit dB(μV/m)	Peak limit dB(μV/m)
1 to 3	50	70
3 to 6	54	74
NOTE The lower limit applies at the transition frequency.		

Remark: In the above table, the tighter limit applies at the band edges

4.3 TEST PROCEDURE

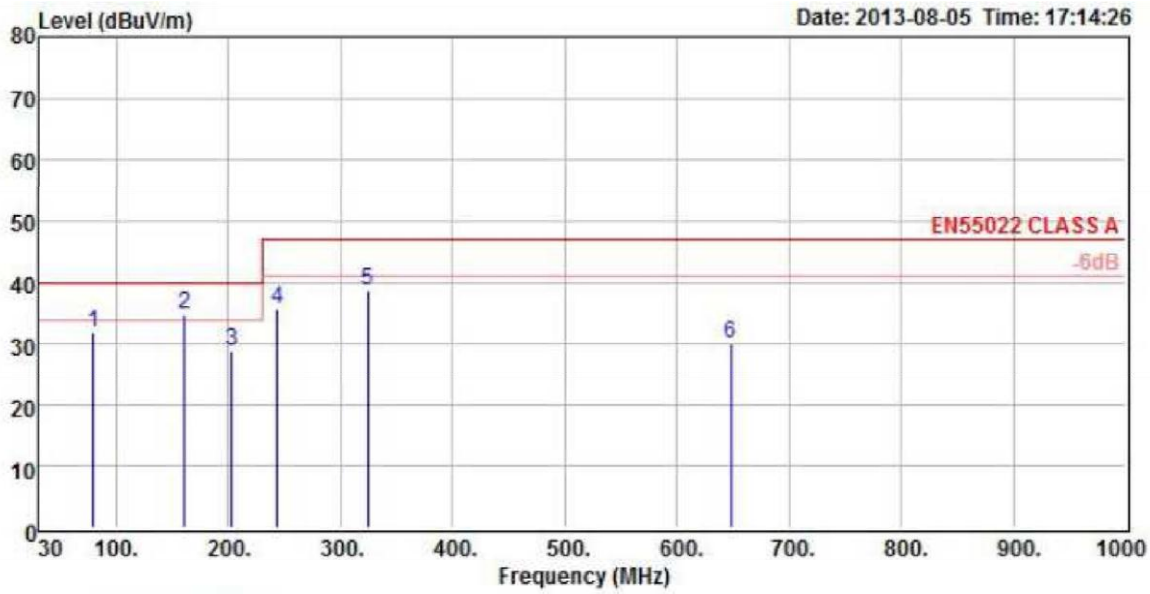
a. The EUT and its simulators are placed on turn table, non-conductive and wooden table, which is 0.8 meter above ground. The turn table rotates 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that distance from antenna to the EUT is 10 meters. For the frequency range is above 1 GHz, the EUT was positioned such that distance from antenna to the EUT is 3 meters.
b. The antenna is moved up and down between 1 meter and 4 meters to receive the maximum emission level.
c. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission, all of the interference cables must be manipulated according to EN 55022/1998 regulation: the test procedure of the radiated emission measurement.
d. The bandwidth set on the field strength is 120 KHz when the frequency range is below 1GHz. The bandwidth set on the field strength is 1 MHz when the frequency range is above 1GHz..

4.4 TEST RESULT: PASSED

4.5 TEST DATA:

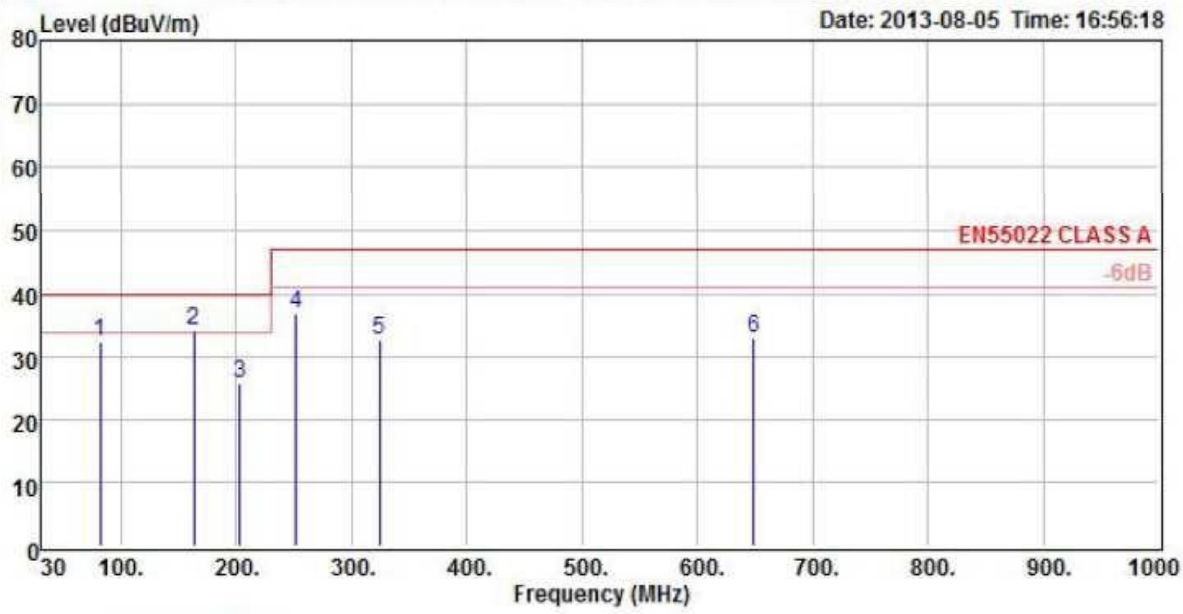
4.5.1 Below 1GHz

Power:	DC 12V Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



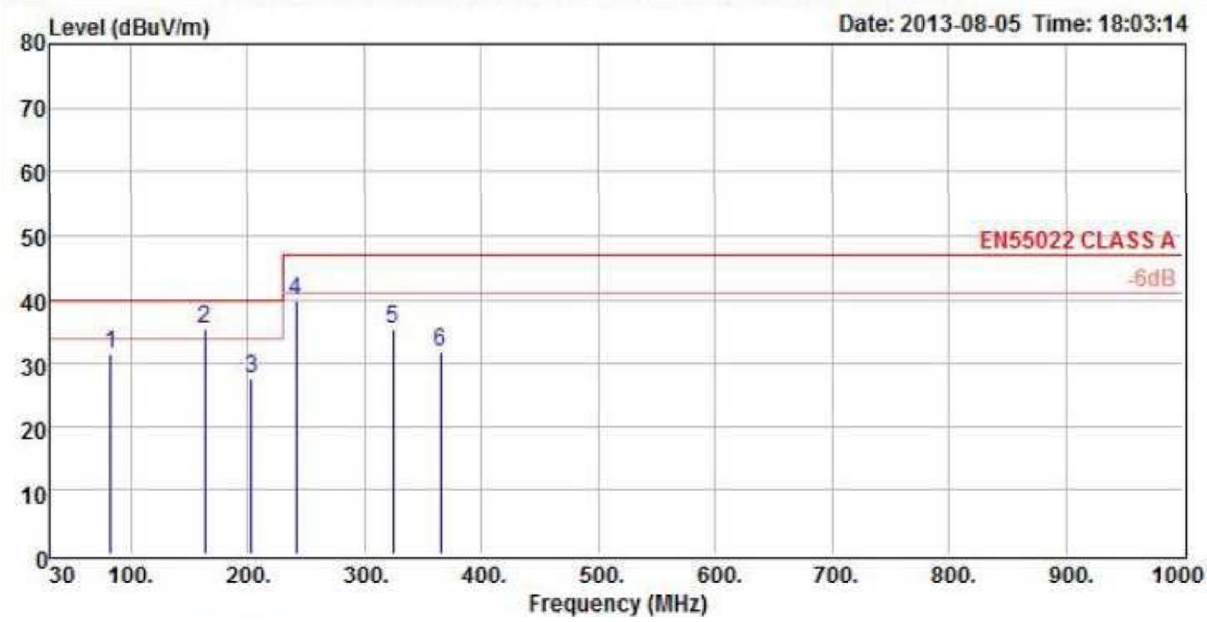
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	79.56	54.19	31.78	-22.41	-8.22	40.00	QP
2 !	160.23	53.35	34.91	-18.44	-5.09	40.00	QP
3	203.14	51.35	28.95	-22.40	-11.05	40.00	QP
4	243.63	56.51	35.70	-20.81	-11.30	47.00	QP
5	324.12	57.70	38.73	-18.97	-8.27	47.00	QP
6	648.23	43.05	30.01	-13.04	-16.99	47.00	QP

Power:	DC 12V Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



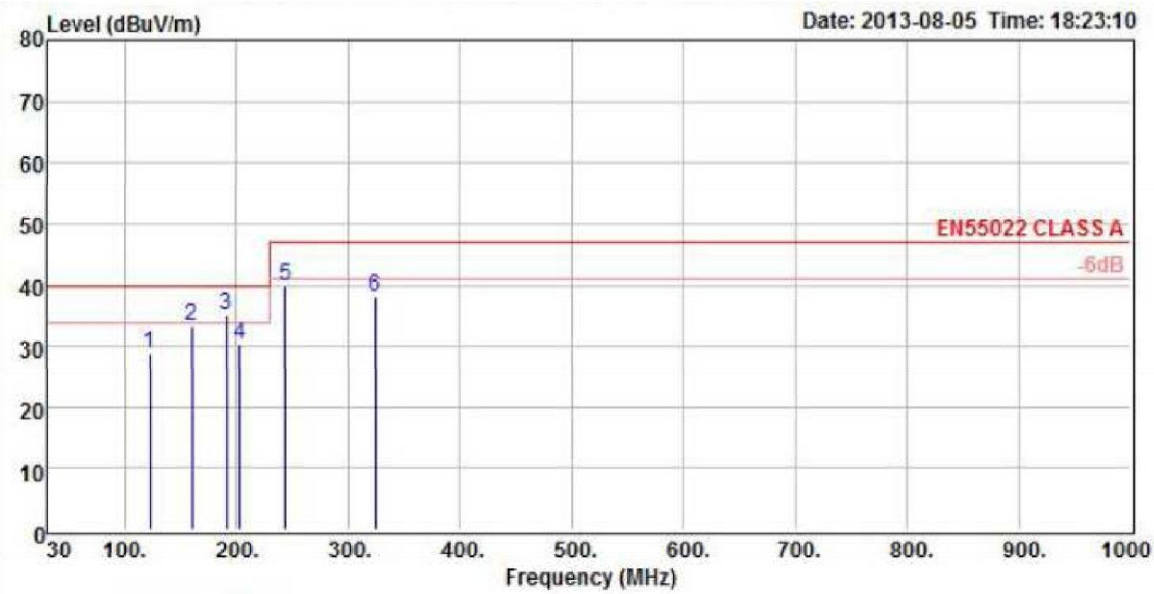
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		81.66	55.17	32.50	-22.67	-7.50	40.00	QP
2	!	162.89	52.64	34.09	-18.55	-5.91	40.00	QP
3		203.14	48.21	25.81	-22.40	-14.19	40.00	QP
4		251.96	57.55	36.92	-20.63	-10.08	47.00	QP
5		324.06	51.76	32.79	-18.97	-14.21	47.00	QP
6		648.96	45.95	32.93	-13.02	-14.07	47.00	QP

Power:	AC 24V Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



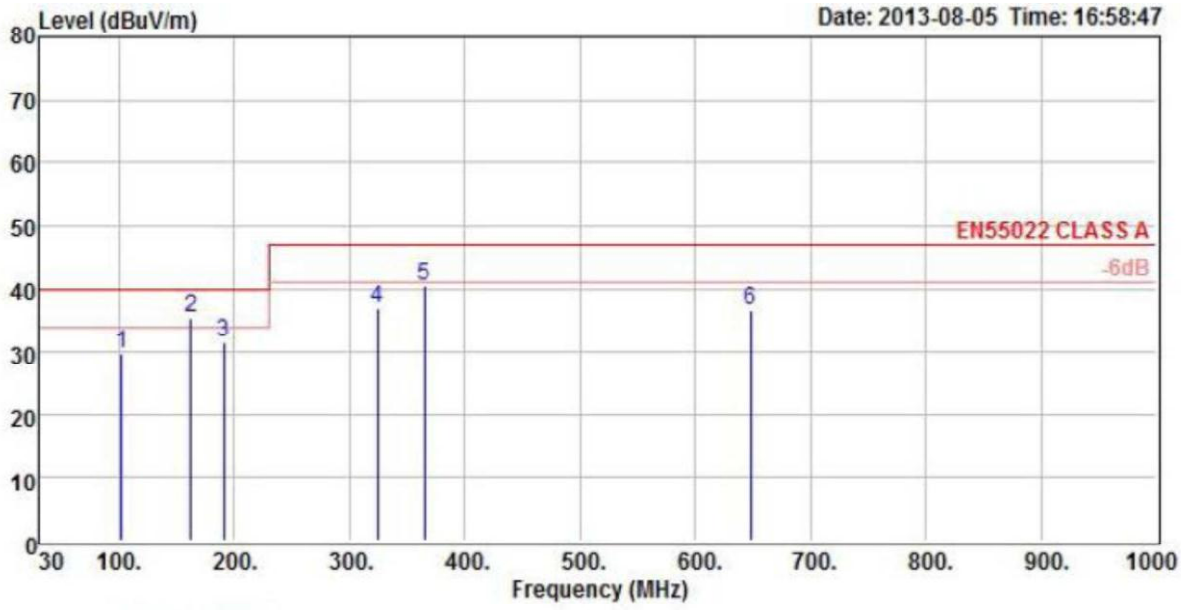
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		82.56	54.42	31.65	-22.77	-8.35	40.00	QP
2	!	163.22	54.02	35.45	-18.57	-4.55	40.00	QP
3		203.11	50.20	27.80	-22.40	-12.20	40.00	QP
4		241.06	60.81	39.93	-20.88	-7.07	47.00	QP
5		324.10	54.46	35.49	-18.97	-11.51	47.00	QP
6		365.22	50.29	31.96	-18.33	-15.04	47.00	QP

Power:	AC 24V Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



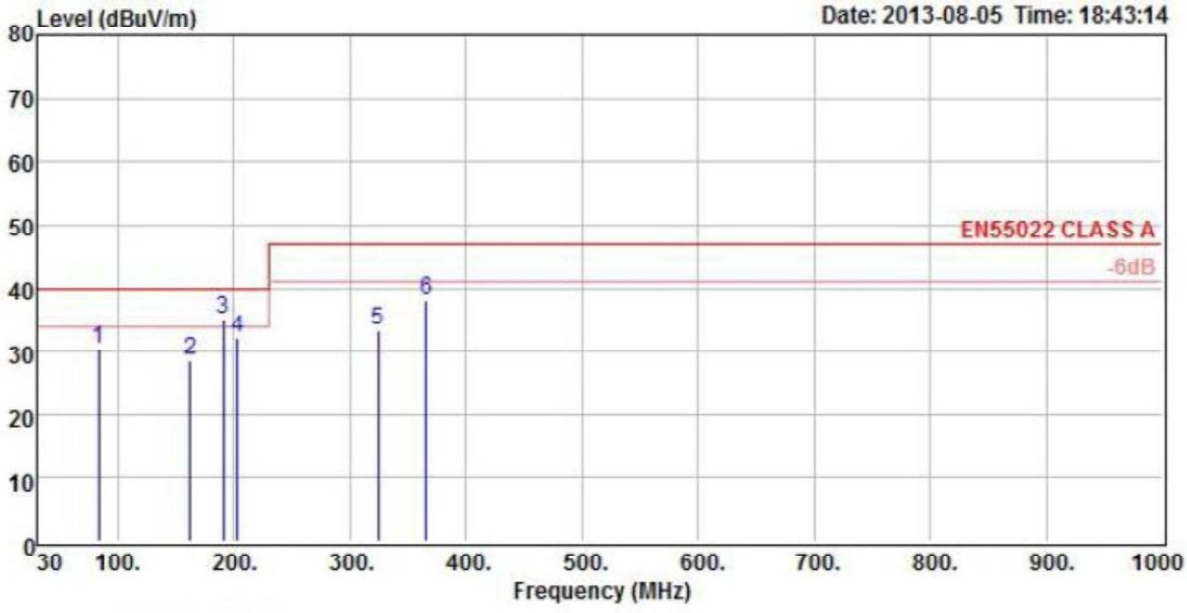
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	122.06	48.47	28.91	-19.56	-11.09	40.00	QP
2	160.11	51.60	33.17	-18.43	-6.83	40.00	QP
3 !	190.56	56.56	35.07	-21.49	-4.93	40.00	QP
4	203.12	52.69	30.29	-22.40	-9.71	40.00	QP
5	243.53	60.58	39.77	-20.81	-7.23	47.00	QP
6	324.16	56.91	37.94	-18.97	-9.06	47.00	QP

Power:	POE Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		102.41	51.08	29.64	-21.44	-10.36	40.00	QP
2	!	162.54	53.92	35.39	-18.53	-4.61	40.00	QP
3		190.64	53.01	31.51	-21.50	-8.49	40.00	QP
4		324.11	55.95	36.98	-18.97	-10.02	47.00	QP
5		365.02	58.75	40.41	-18.34	-6.59	47.00	QP
6		648.00	49.54	36.50	-13.04	-10.50	47.00	QP

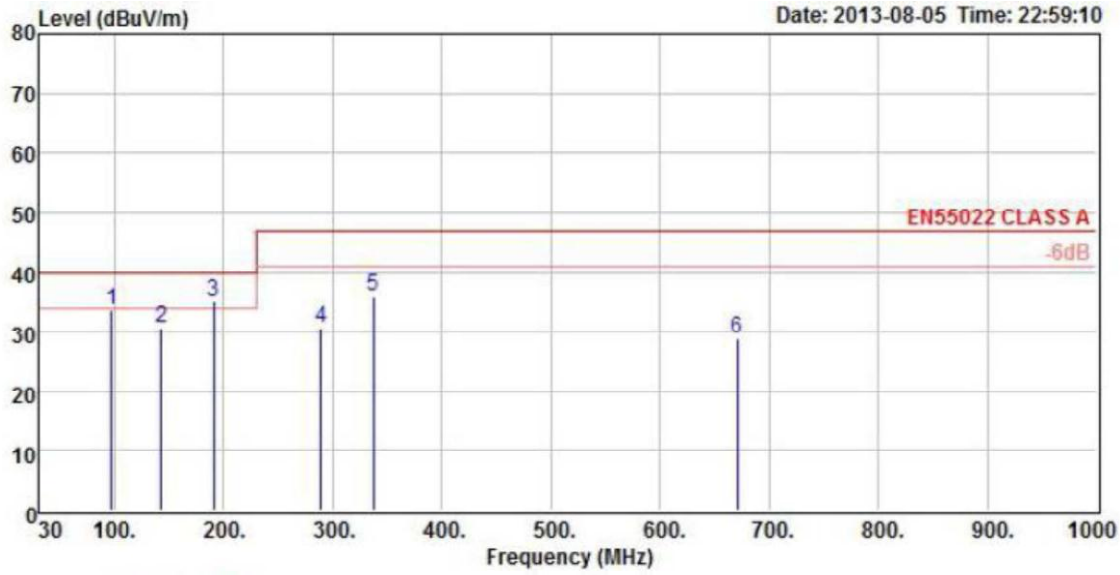
Power:	POE Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	83.06	53.09	30.25	-22.84	-9.75	40.00	QP
2	162.45	47.02	28.48	-18.54	-11.52	40.00	QP
3 !	190.66	56.46	34.96	-21.50	-5.04	40.00	QP
4	203.14	54.63	32.23	-22.40	-7.77	40.00	QP
5	324.17	52.24	33.28	-18.96	-13.72	47.00	QP
6	365.65	56.53	38.21	-18.32	-8.79	47.00	QP

Power:	DC 12V Adaptor	Phase:	HORIZONTAL

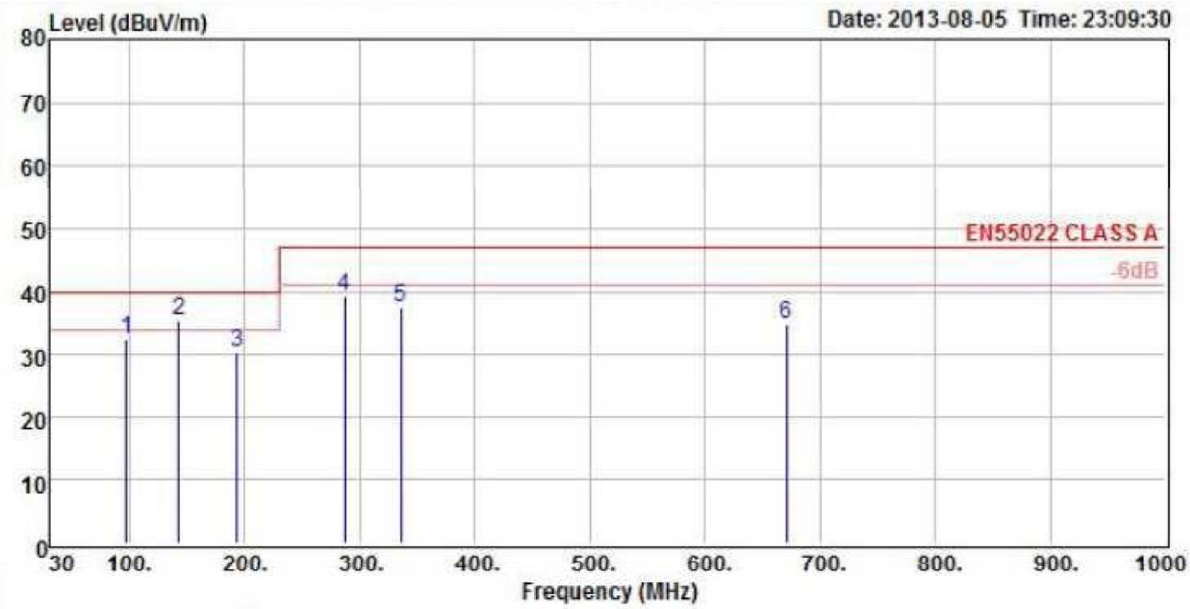
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.96	55.87	33.54	-22.33	-6.46	40.00	QP
2	142.49	49.12	30.55	-18.57	-9.45	40.00	QP
3 !	190.99	56.57	35.04	-21.53	-4.96	40.00	QP
4	289.02	50.25	30.77	-19.48	-16.23	47.00	QP
5	337.52	54.71	35.91	-18.80	-11.09	47.00	QP
6	671.14	40.20	28.72	-11.48	-18.28	47.00	QP

Power:	DC 12V Adaptor	Phase:	VERTICAL

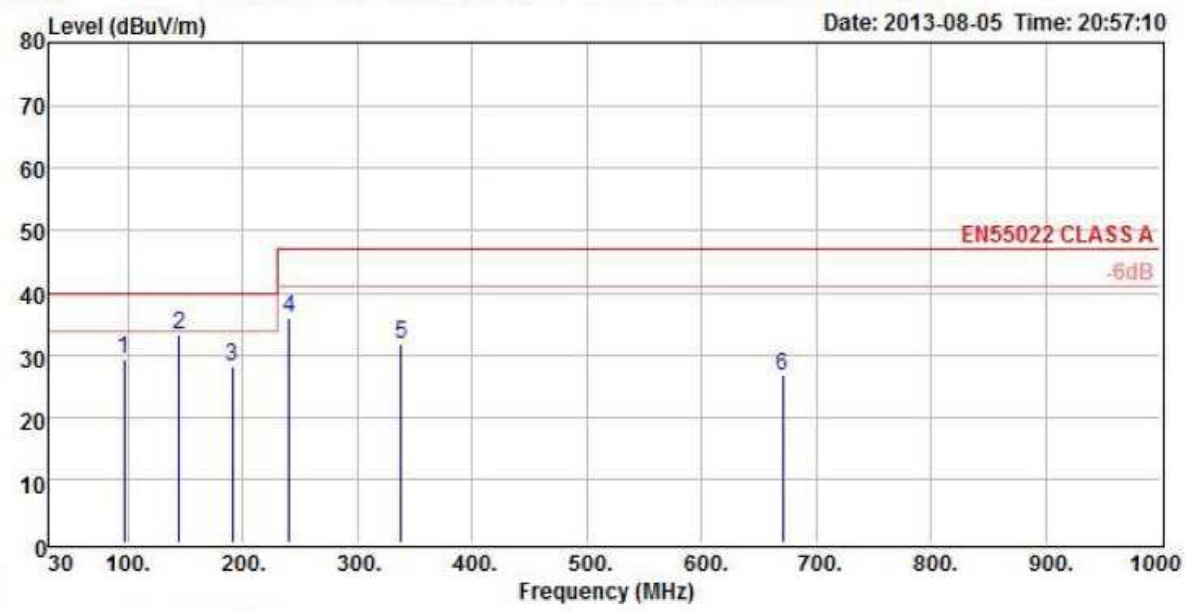
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.78	54.75	32.39	-22.36	-7.61	40.00	QP
2 !	142.49	53.93	35.36	-18.57	-4.64	40.00	QP
3	192.99	52.02	30.32	-21.70	-9.68	40.00	QP
4	287.02	58.78	39.25	-19.53	-7.75	47.00	QP
5	335.52	56.32	37.50	-18.82	-9.50	47.00	QP
6	671.14	46.28	34.80	-11.48	-12.20	47.00	QP

Power:	AC 24V Adaptor	Phase:	HORIZONTAL
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	27℃

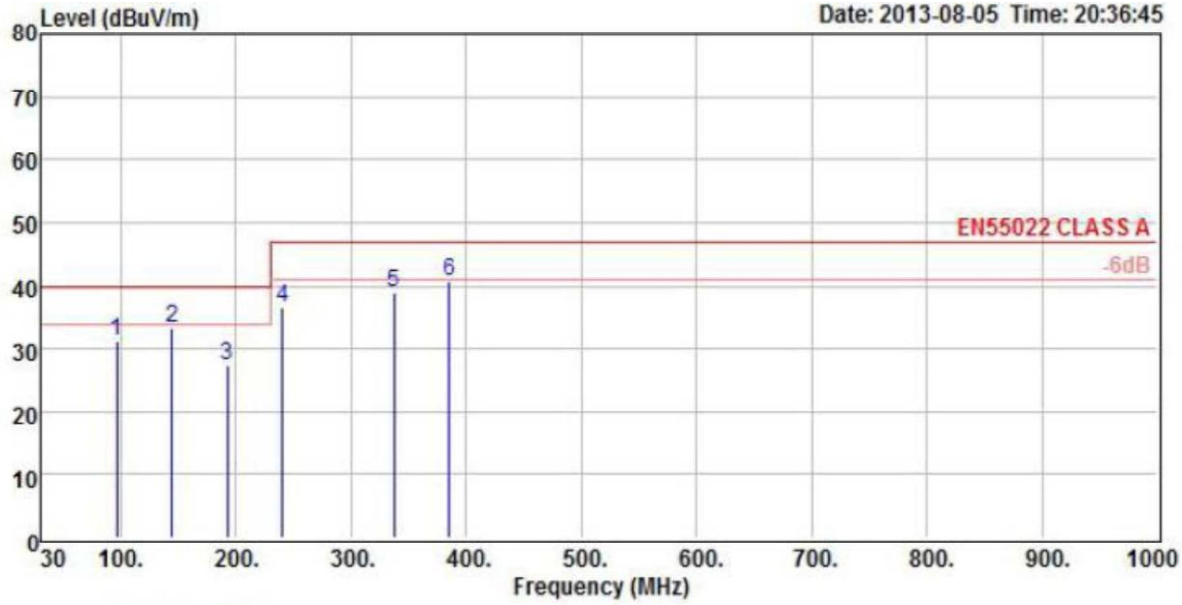
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.17	51.95	29.47	-22.48	-10.53	40.00	QP
2	144.63	51.90	33.39	-18.51	-6.61	40.00	QP
3	190.88	49.80	28.28	-21.52	-11.72	40.00	QP
4	240.19	56.85	35.96	-20.89	-11.04	47.00	QP
5	337.97	50.74	31.94	-18.80	-15.06	47.00	QP
6	671.09	38.22	26.74	-11.48	-20.26	47.00	QP

Power:	AC 24V Adaptor	Phase:	VERTICAL
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	27℃

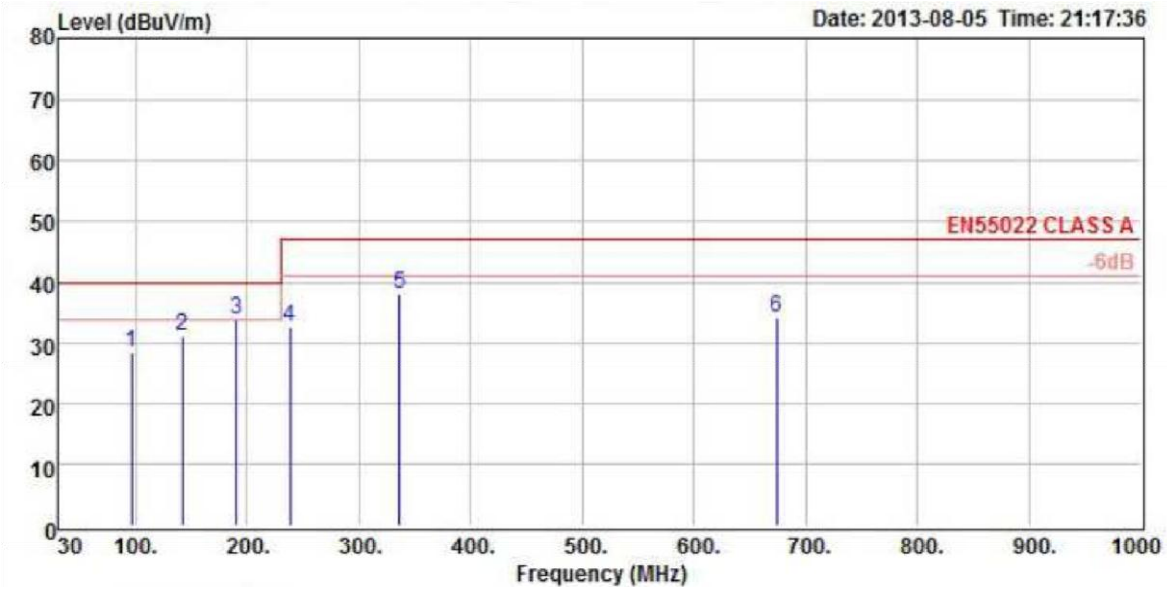
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.33	53.65	31.20	-22.45	-8.80	40.00	QP
2	144.21	51.87	33.35	-18.52	-6.65	40.00	QP
3	192.63	49.01	27.34	-21.67	-12.66	40.00	QP
4	240.12	57.51	36.61	-20.90	-10.39	47.00	QP
5	337.19	57.90	39.09	-18.81	-7.91	47.00	QP
6	385.17	58.74	40.82	-17.92	-6.18	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	27℃

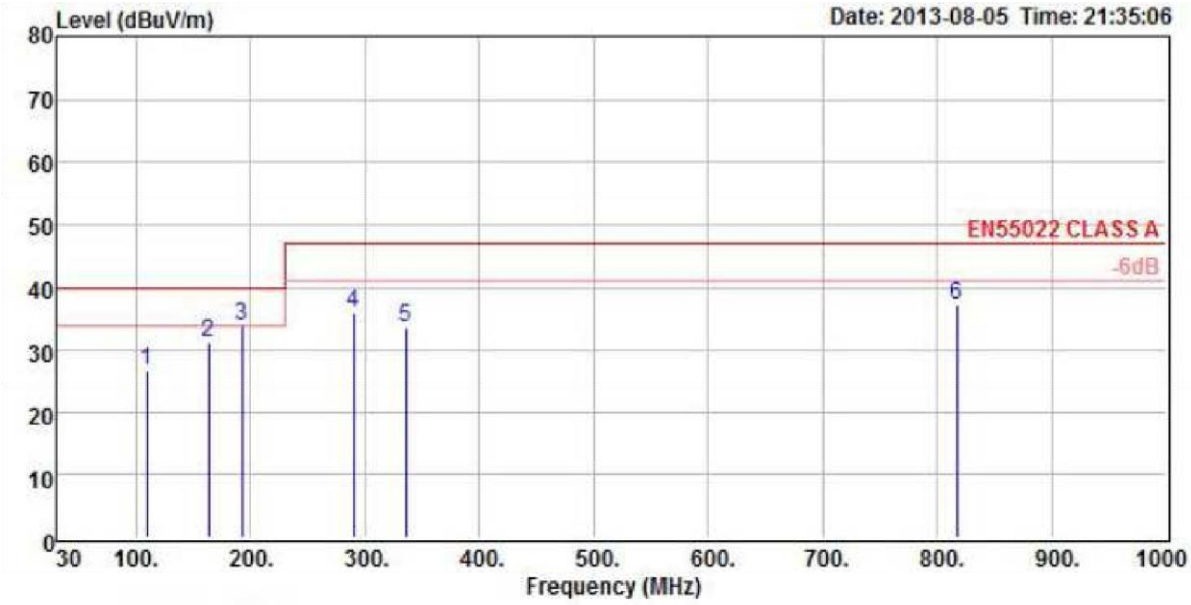
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.22	51.02	28.55	-22.47	-11.45	40.00	QP
2	142.03	49.88	31.30	-18.58	-8.70	40.00	QP
3 !	190.11	55.47	34.01	-21.46	-5.99	40.00	QP
4	238.11	53.68	32.71	-20.97	-14.29	47.00	QP
5	336.29	56.93	38.11	-18.82	-8.89	47.00	QP
6	673.99	45.34	34.07	-11.27	-12.93	47.00	QP

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	27℃

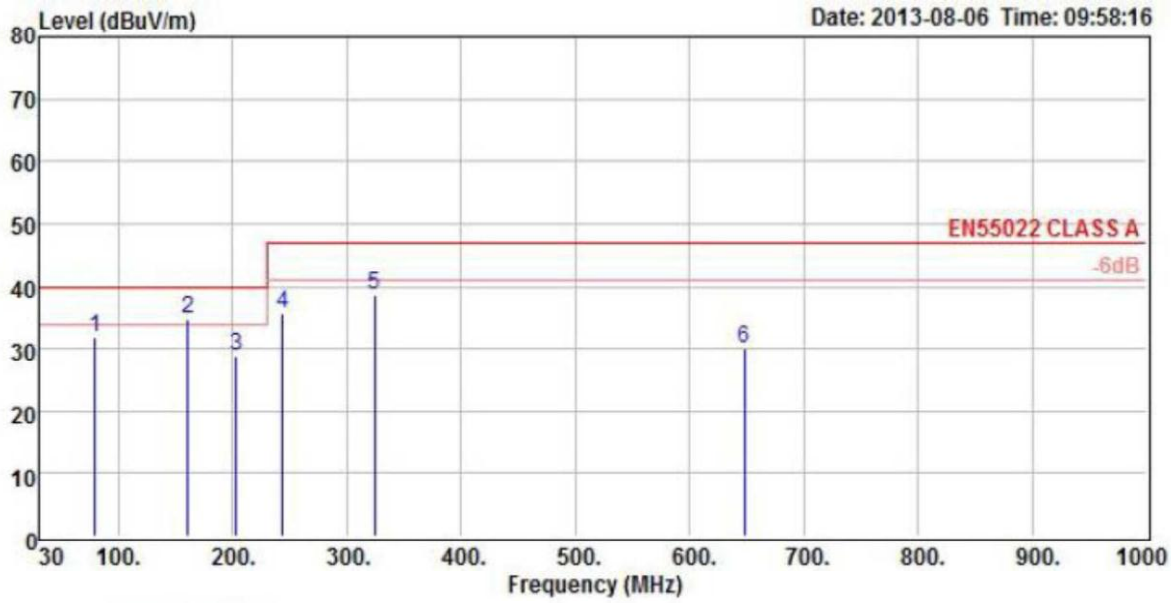
Test Date:	Aug. 05, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	109.25	47.40	26.87	-20.53	-13.13	40.00	QP
2	163.14	49.75	31.18	-18.57	-8.82	40.00	QP
3	192.41	55.59	33.94	-21.65	-6.06	40.00	QP
4	289.63	55.34	35.88	-19.46	-11.12	47.00	QP
5	335.20	52.55	33.72	-18.83	-13.28	47.00	QP
6	817.03	48.11	37.27	-10.84	-9.73	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	27℃

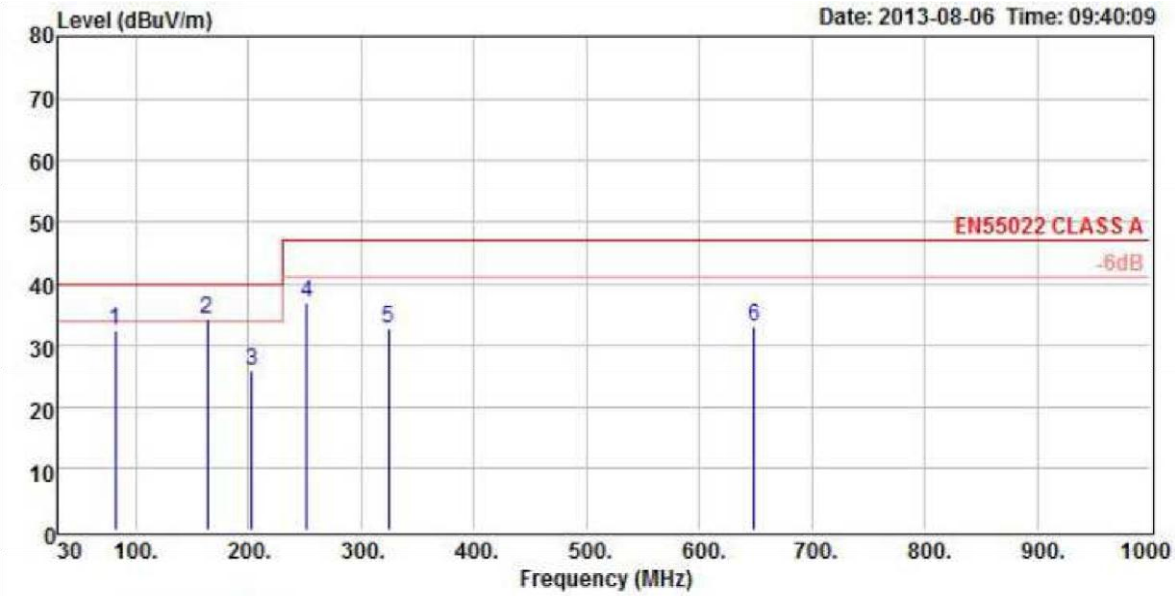
Test Date:	Aug. 06, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	79.56	54.19	31.78	-22.41	-8.22	40.00	QP
2 !	160.23	53.35	34.91	-18.44	-5.09	40.00	QP
3	203.14	51.35	28.95	-22.40	-11.05	40.00	QP
4	243.63	56.51	35.70	-20.81	-11.30	47.00	QP
5	324.12	57.70	38.73	-18.97	-8.27	47.00	QP
6	648.23	43.05	30.01	-13.04	-16.99	47.00	QP

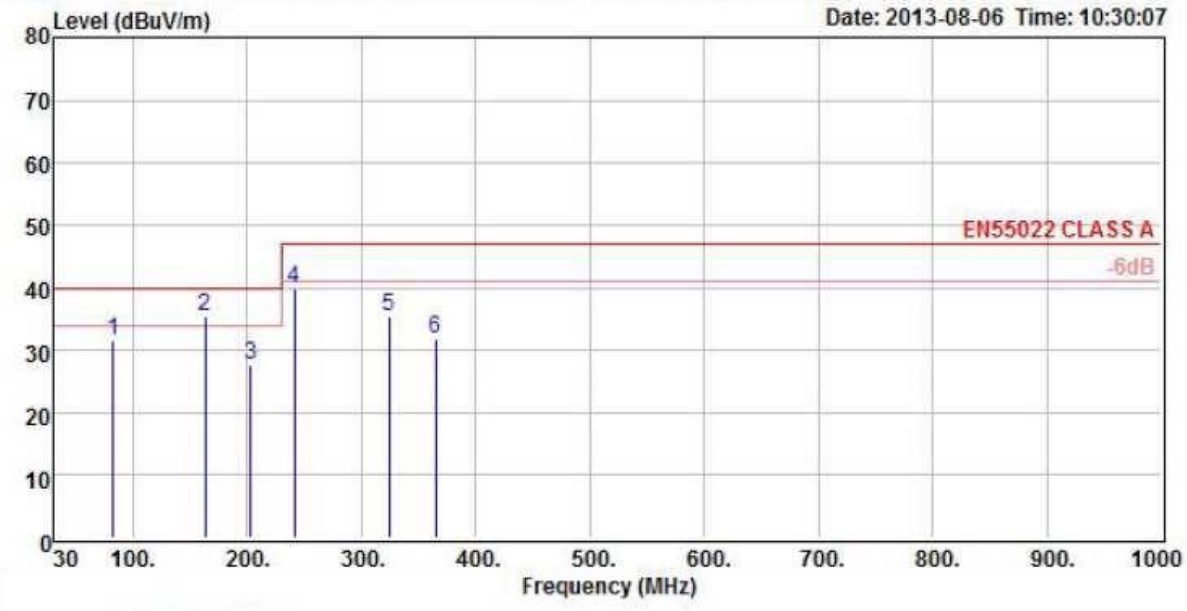
Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	27℃

Test Date:	Aug. 06, 2013	Humidity:	65%



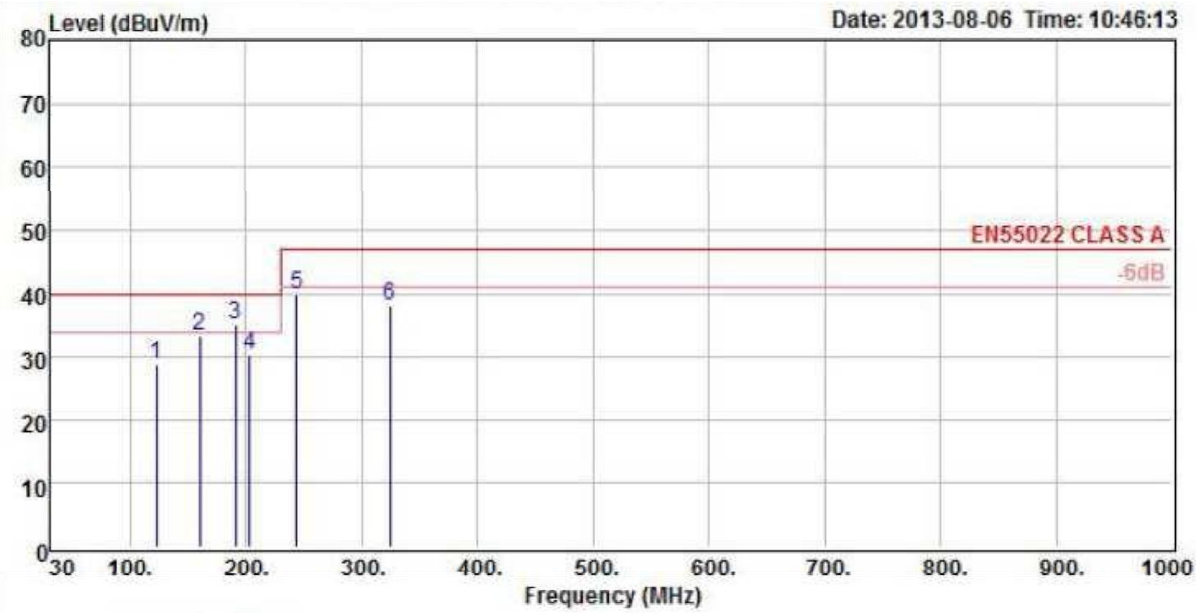
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	81.66	55.17	32.50	-22.67	-7.50	40.00	QP
2 !	162.89	52.64	34.09	-18.55	-5.91	40.00	QP
3	203.14	48.21	25.81	-22.40	-14.19	40.00	QP
4	251.96	57.55	36.92	-20.63	-10.08	47.00	QP
5	324.06	51.76	32.79	-18.97	-14.21	47.00	QP
6	648.96	45.95	32.93	-13.02	-14.07	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



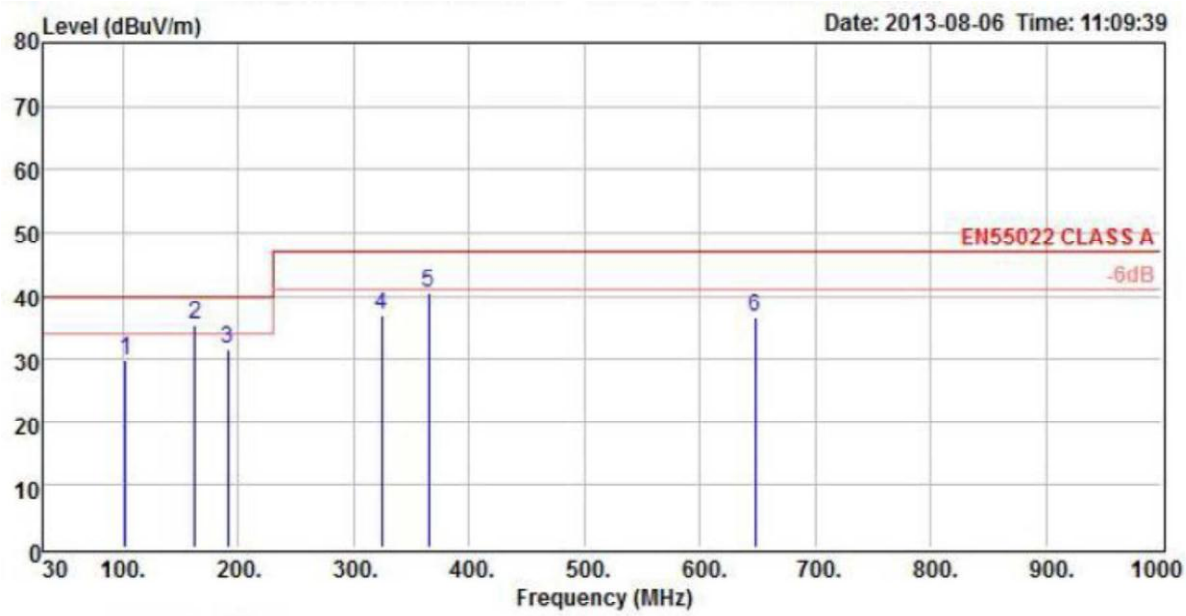
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	82.56	54.42	31.65	-22.77	-8.35	40.00	QP
2 !	163.22	54.02	35.45	-18.57	-4.55	40.00	QP
3	203.11	50.20	27.80	-22.40	-12.20	40.00	QP
4	241.06	60.81	39.93	-20.88	-7.07	47.00	QP
5	324.10	54.46	35.49	-18.97	-11.51	47.00	QP
6	365.22	50.29	31.96	-18.33	-15.04	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



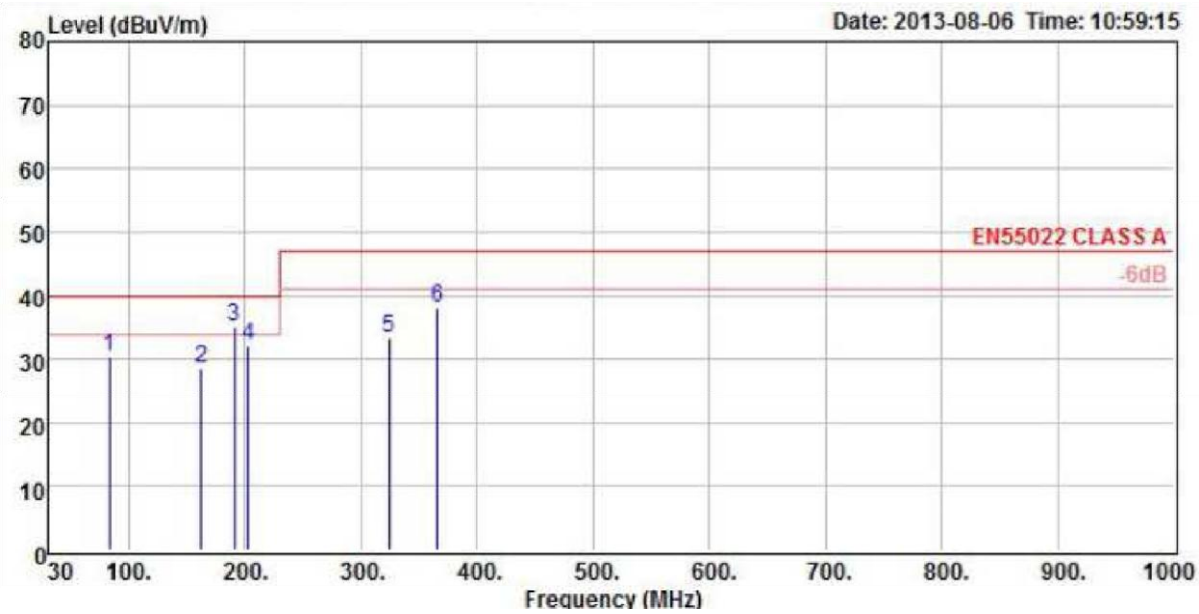
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	122.06	48.47	28.91	-19.56	-11.09	40.00	QP
2	160.11	51.60	33.17	-18.43	-6.83	40.00	QP
3 !	190.56	56.56	35.07	-21.49	-4.93	40.00	QP
4	203.12	52.69	30.29	-22.40	-9.71	40.00	QP
5	243.53	60.58	39.77	-20.81	-7.23	47.00	QP
6	324.16	56.91	37.94	-18.97	-9.06	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



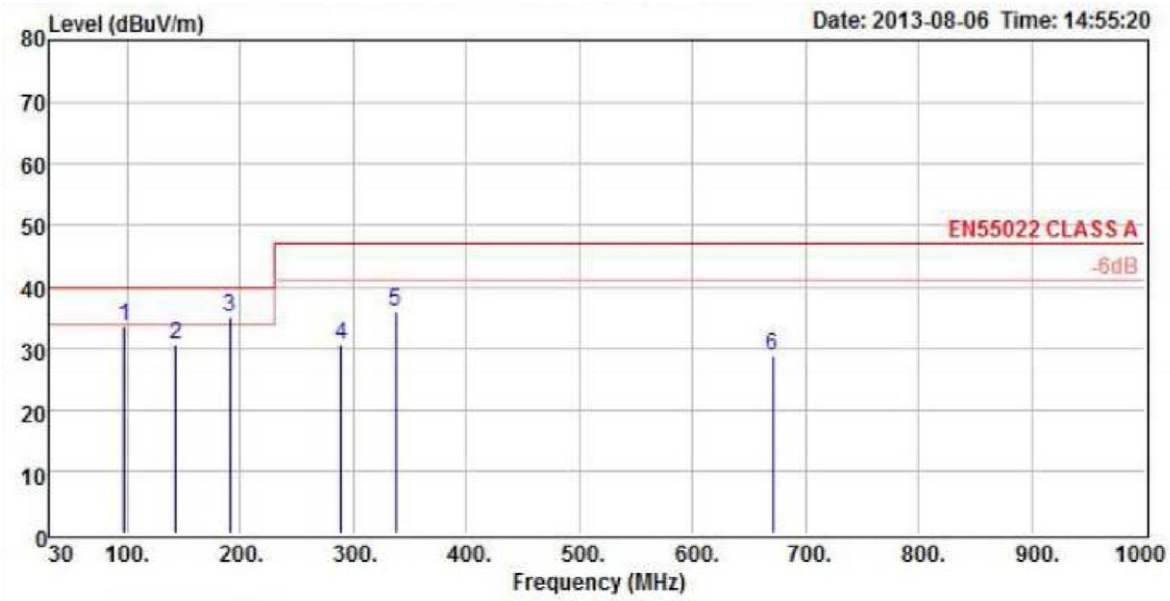
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	102.41	51.08	29.64	-21.44	-10.36	40.00	QP
2 !	162.54	53.92	35.39	-18.53	-4.61	40.00	QP
3	190.64	53.01	31.51	-21.50	-8.49	40.00	QP
4	324.11	55.95	36.98	-18.97	-10.02	47.00	QP
5	365.02	58.75	40.41	-18.34	-6.59	47.00	QP
6	648.00	49.54	36.50	-13.04	-10.50	47.00	QP

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



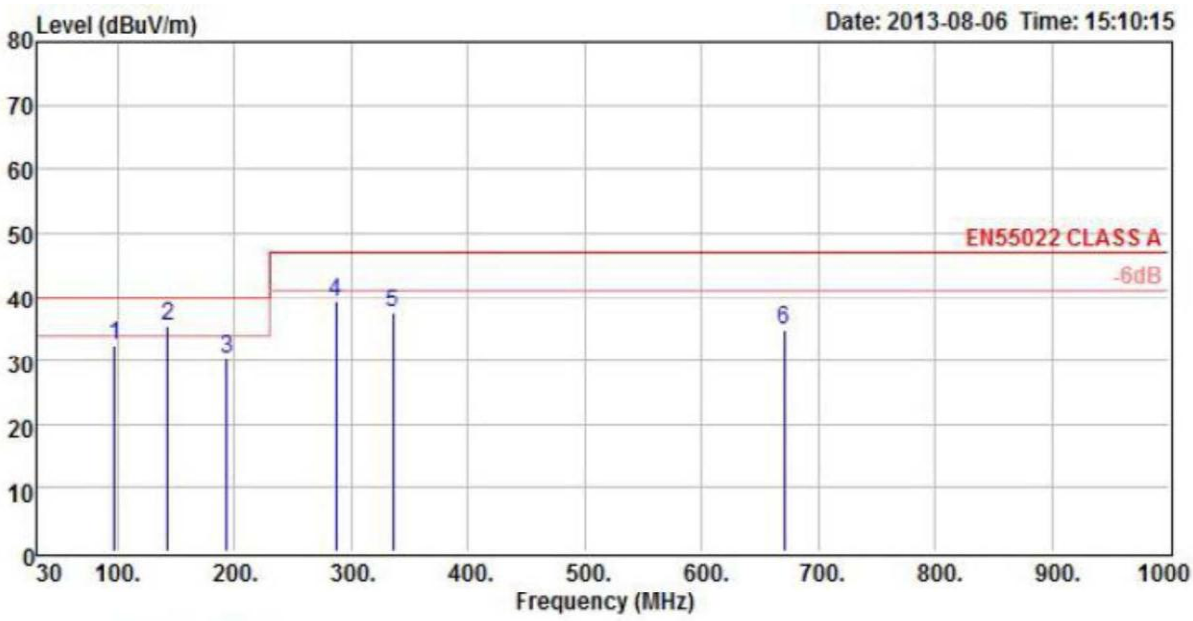
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	83.06	53.09	30.25	-22.84	-9.75	40.00	QP
2	162.45	47.02	28.48	-18.54	-11.52	40.00	QP
3 !	190.66	56.46	34.96	-21.50	-5.04	40.00	QP
4	203.14	54.63	32.23	-22.40	-7.77	40.00	QP
5	324.17	52.24	33.28	-18.96	-13.72	47.00	QP
6	365.65	56.53	38.21	-18.32	-8.79	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



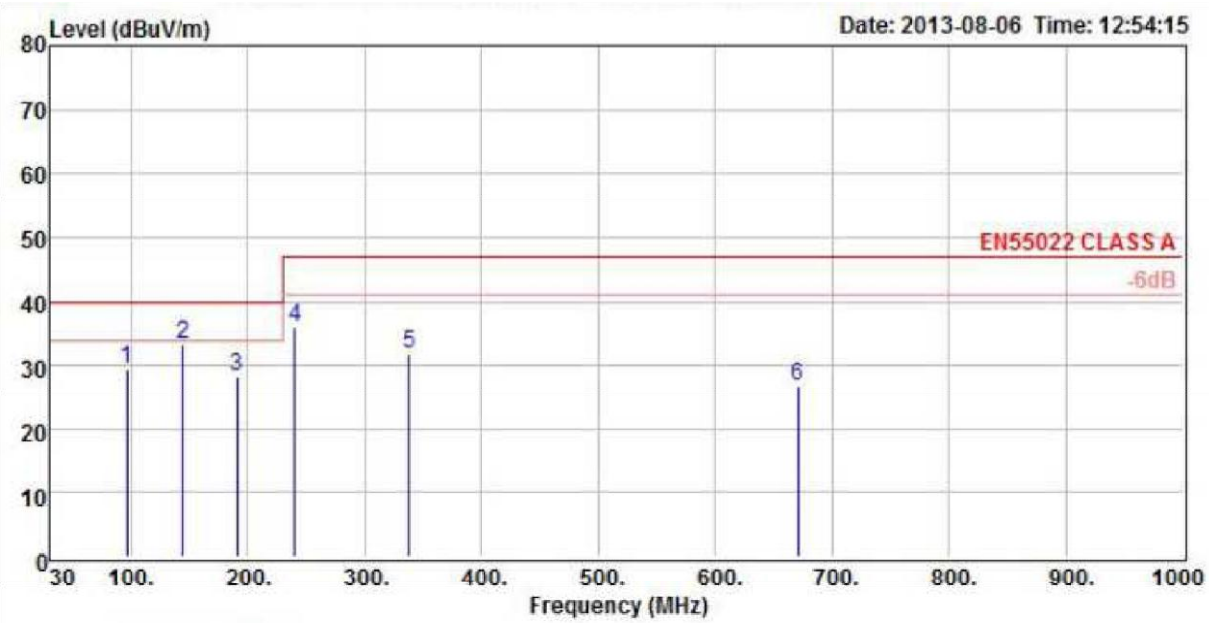
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.96	55.87	33.54	-22.33	-6.46	40.00	QP
2	142.49	49.12	30.55	-18.57	-9.45	40.00	QP
3 !	190.99	56.57	35.04	-21.53	-4.96	40.00	QP
4	289.02	50.25	30.77	-19.48	-16.23	47.00	QP
5	337.52	54.71	35.91	-18.80	-11.09	47.00	QP
6	671.14	40.20	28.72	-11.48	-18.28	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



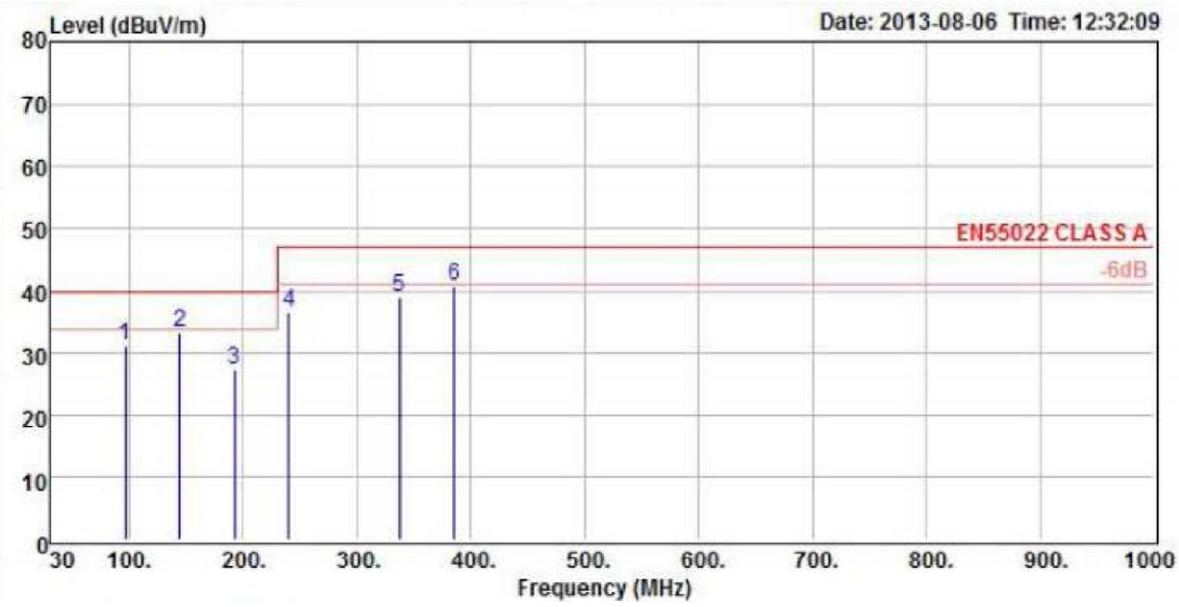
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.78	54.75	32.39	-22.36	-7.61	40.00	QP
2 !	142.49	53.93	35.36	-18.57	-4.64	40.00	QP
3	192.99	52.02	30.32	-21.70	-9.68	40.00	QP
4	287.02	58.78	39.25	-19.53	-7.75	47.00	QP
5	335.52	56.32	37.50	-18.82	-9.50	47.00	QP
6	671.14	46.28	34.80	-11.48	-12.20	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



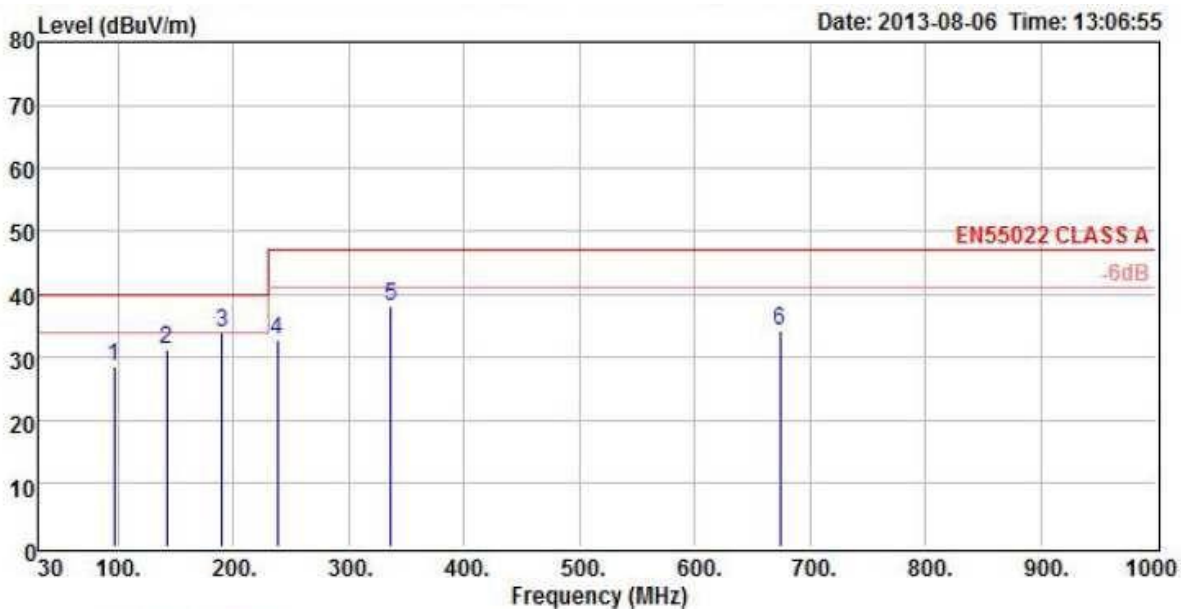
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.17	51.95	29.47	-22.48	-10.53	40.00	QP
2	144.63	51.90	33.39	-18.51	-6.61	40.00	QP
3	190.88	49.80	28.28	-21.52	-11.72	40.00	QP
4	240.19	56.85	35.96	-20.89	-11.04	47.00	QP
5	337.97	50.74	31.94	-18.80	-15.06	47.00	QP
6	671.09	38.22	26.74	-11.48	-20.26	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



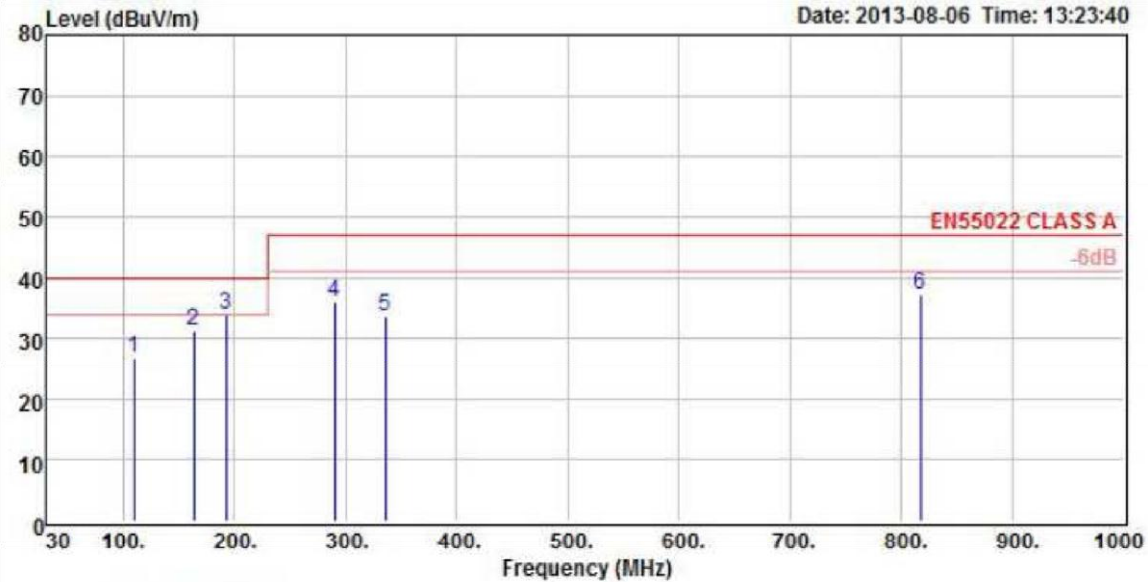
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.33	53.65	31.20	-22.45	-8.80	40.00	QP
2	144.21	51.87	33.35	-18.52	-6.65	40.00	QP
3	192.63	49.01	27.34	-21.67	-12.66	40.00	QP
4	240.12	57.51	36.61	-20.90	-10.39	47.00	QP
5	337.19	57.90	39.09	-18.81	-7.91	47.00	QP
6	385.17	58.74	40.82	-17.92	-6.18	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



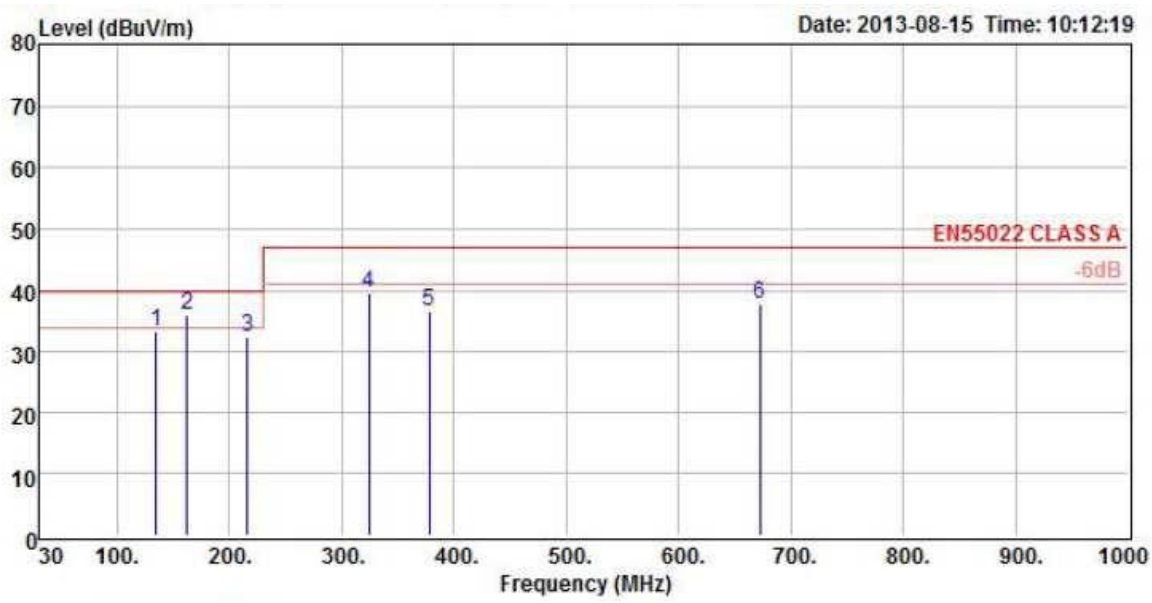
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	96.22	51.02	28.55	-22.47	-11.45	40.00	QP
2	142.03	49.88	31.30	-18.58	-8.70	40.00	QP
3 !	190.11	55.47	34.01	-21.46	-5.99	40.00	QP
4	238.11	53.68	32.71	-20.97	-14.29	47.00	QP
5	336.29	56.93	38.11	-18.82	-8.89	47.00	QP
6	673.99	45.34	34.07	-11.27	-12.93	47.00	QP

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 06, 2013	Humidity:	65%



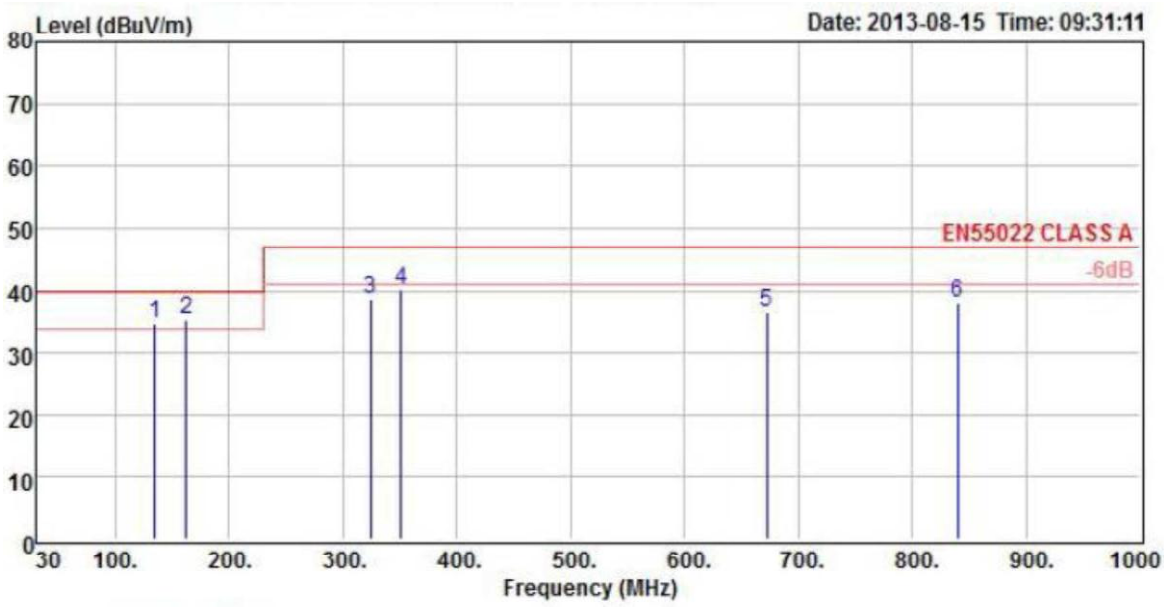
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	109.25	47.40	26.87	-20.53	-13.13	40.00	QP
2	163.14	49.75	31.18	-18.57	-8.82	40.00	QP
3	192.41	55.59	33.94	-21.65	-6.06	40.00	QP
4	289.63	55.34	35.88	-19.46	-11.12	47.00	QP
5	335.20	52.55	33.72	-18.83	-13.28	47.00	QP
6	817.03	48.11	37.27	-10.84	-9.73	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



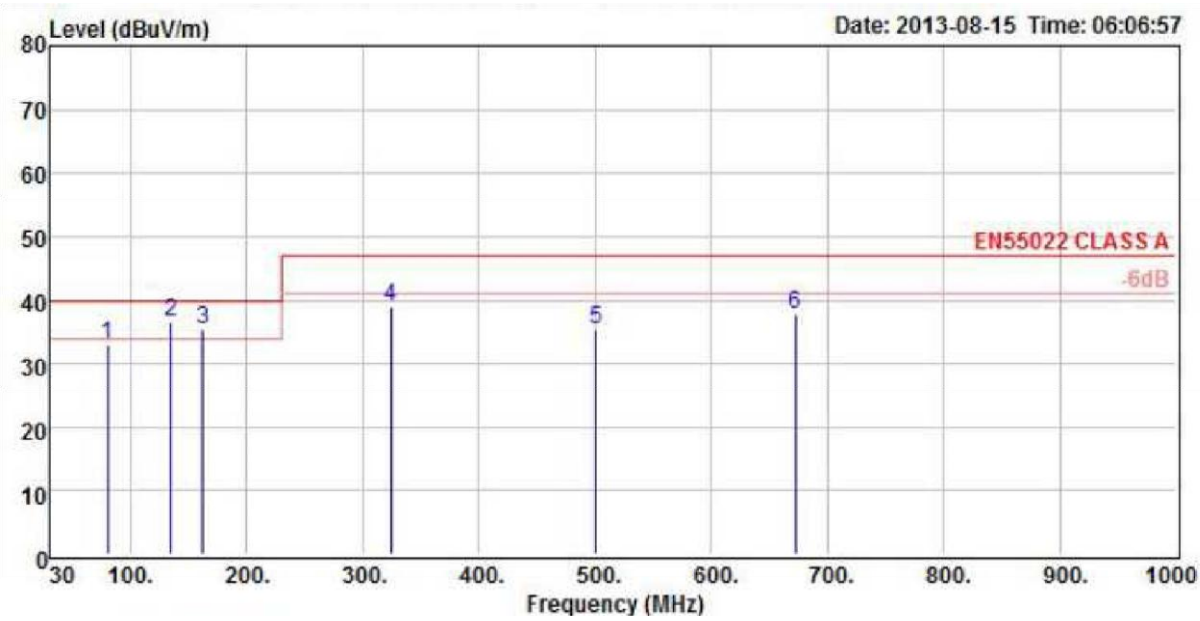
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	134.76	52.03	33.32	-18.71	-6.68	40.00	QP
2 !	161.92	54.61	36.09	-18.52	-3.91	40.00	QP
3	216.24	54.70	32.40	-22.30	-7.60	40.00	QP
4	323.91	58.61	39.64	-18.97	-7.36	47.00	QP
5	378.23	54.69	36.62	-18.07	-10.38	47.00	QP
6	672.14	49.28	37.88	-11.40	-9.12	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



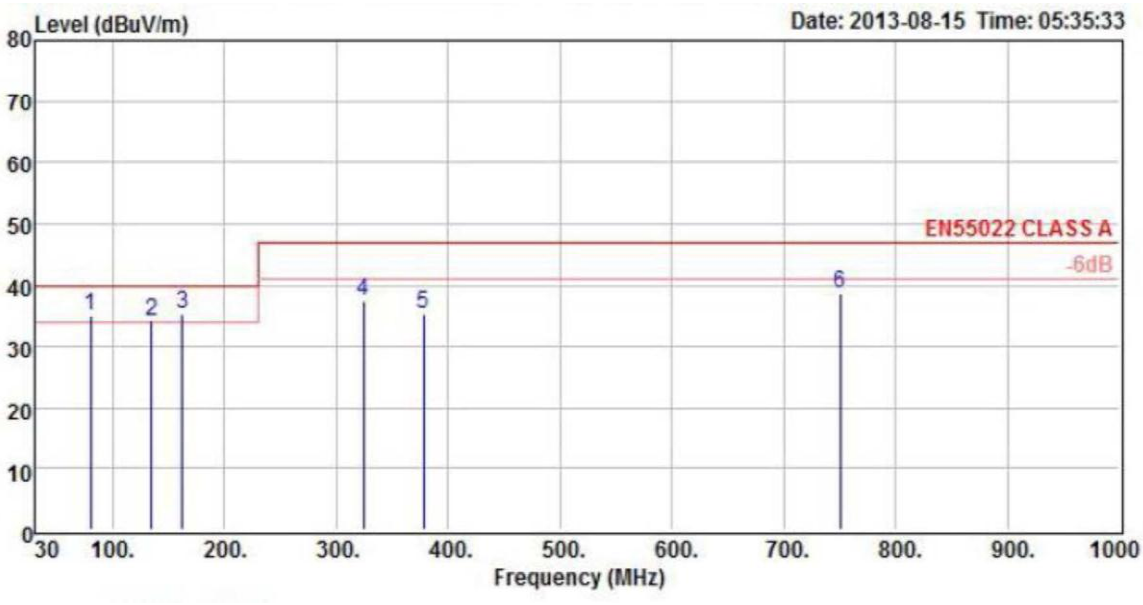
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	134.76	53.50	34.79	-18.71	-5.21	40.00	QP
2 !	161.92	53.88	35.36	-18.52	-4.64	40.00	QP
3	323.91	57.62	38.65	-18.97	-8.35	47.00	QP
4	351.07	58.90	40.27	-18.63	-6.73	47.00	QP
5	672.14	47.98	36.58	-11.40	-10.42	47.00	QP
6	839.95	47.80	37.99	-9.81	-9.01	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



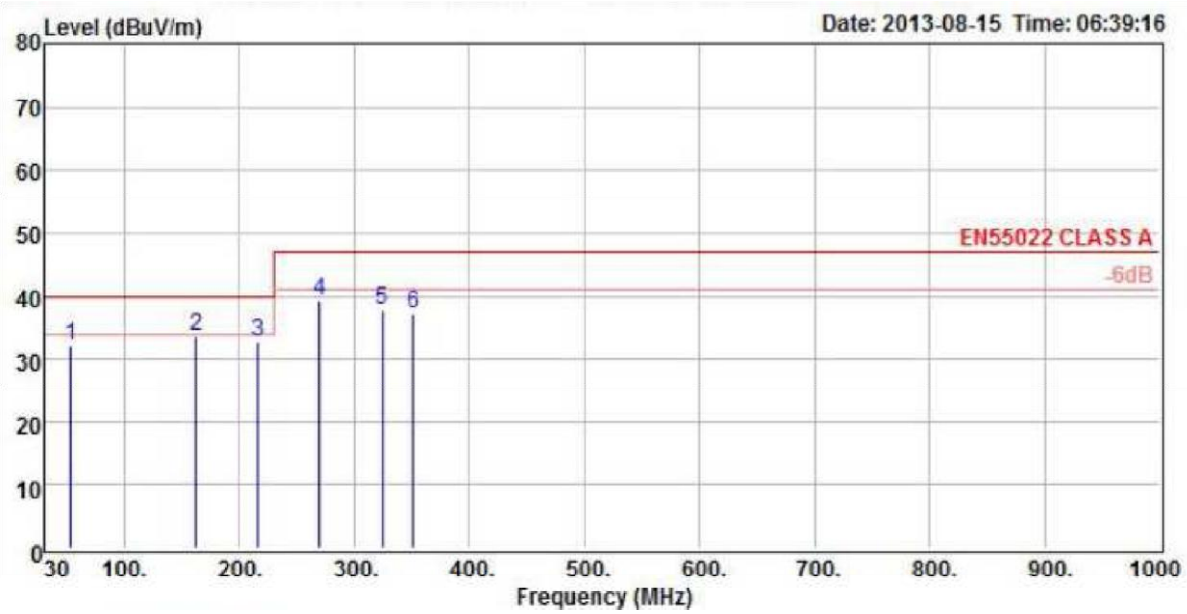
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	80.44	55.45	32.92	-22.53	-7.08	40.00	QP
2 !	134.76	55.17	36.46	-18.71	-3.54	40.00	QP
3 !	161.92	54.04	35.52	-18.52	-4.48	40.00	QP
4	323.91	57.93	38.96	-18.97	-8.04	47.00	QP
5	500.45	50.23	35.53	-14.70	-11.47	47.00	QP
6	672.14	49.12	37.72	-11.40	-9.28	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



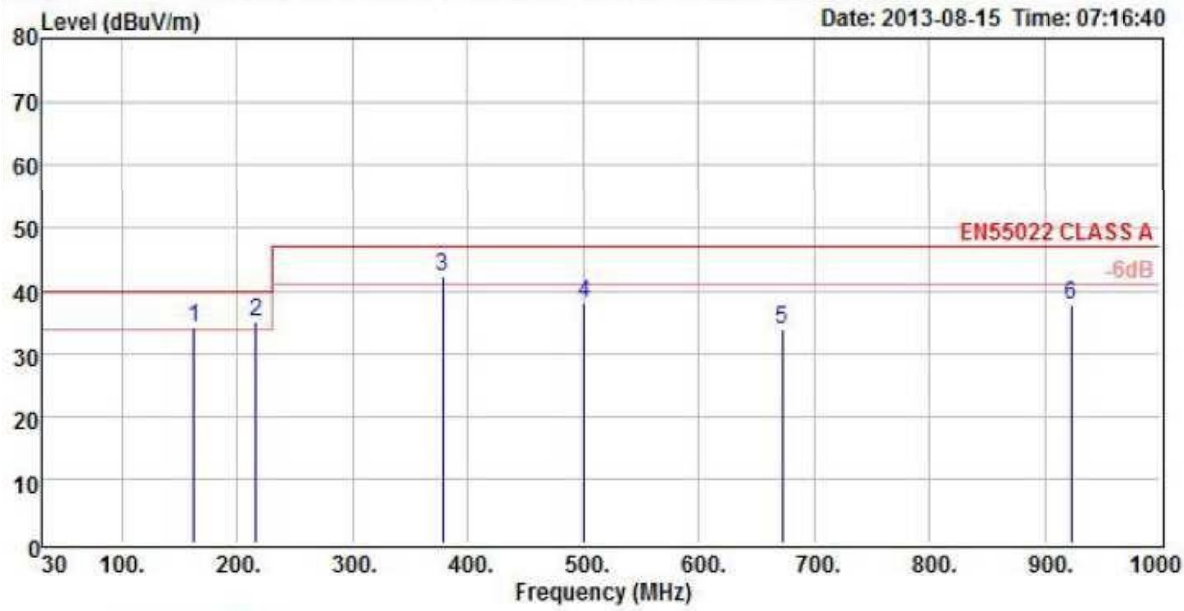
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	80.44	57.48	34.95	-22.53	-5.05	40.00	QP
2 !	134.76	52.78	34.07	-18.71	-5.93	40.00	QP
3 !	161.92	53.81	35.29	-18.52	-4.71	40.00	QP
4	323.91	56.36	37.39	-18.97	-9.61	47.00	QP
5	378.23	53.46	35.39	-18.07	-11.61	47.00	QP
6	750.71	49.55	38.55	-11.00	-8.45	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



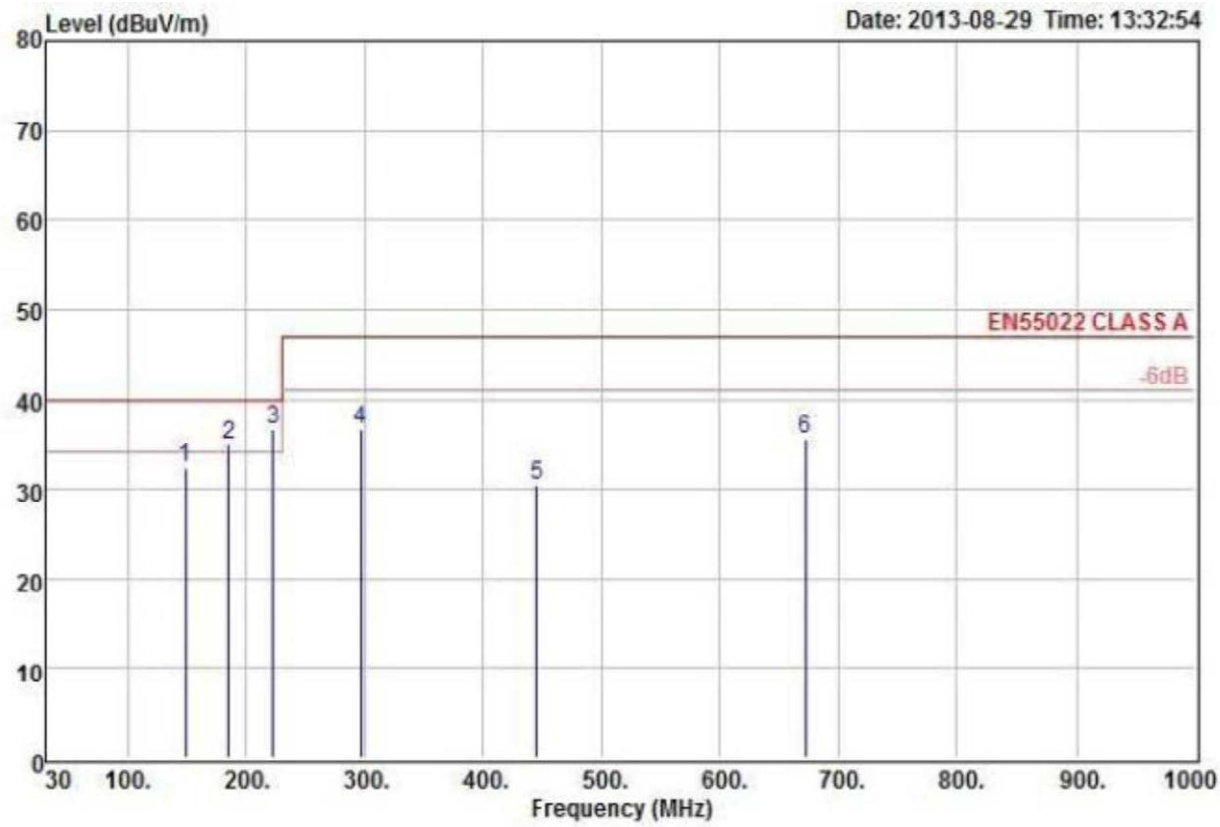
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	53.28	49.67	32.25	-17.42	-7.75	40.00	QP
2	161.92	52.17	33.65	-18.52	-6.35	40.00	QP
3	216.24	55.03	32.73	-22.30	-7.27	40.00	QP
4	269.59	59.21	39.14	-20.07	-7.86	47.00	QP
5	323.91	56.62	37.65	-18.97	-9.35	47.00	QP
6	351.07	55.84	37.21	-18.63	-9.79	47.00	QP

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	161.92	52.60	34.08	-18.52	-5.92	40.00	QP
2 !	216.24	57.41	35.11	-22.30	-4.89	40.00	QP
3 !	378.23	60.16	42.09	-18.07	-4.91	47.00	QP
4	500.45	52.67	37.97	-14.70	-9.03	47.00	QP
5	672.14	45.25	33.85	-11.40	-13.15	47.00	QP
6	923.37	46.41	37.79	-8.62	-9.21	47.00	QP

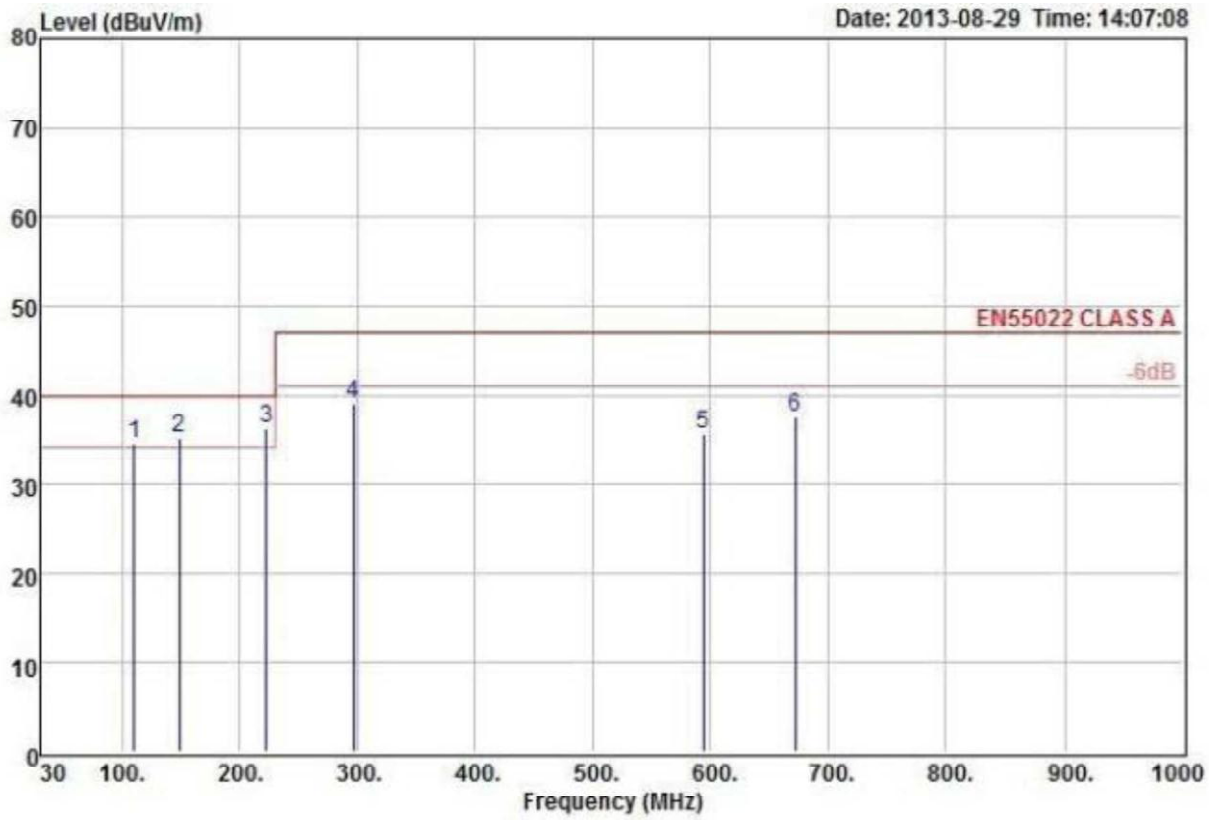
Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 29, 2013	Humidity:	65%



		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		148.34	50.76	32.34	-18.42	-7.66	40.00	QP
2	!	185.20	55.87	35.01	-20.86	-4.99	40.00	QP
3	!	222.06	58.63	36.71	-21.92	-3.29	40.00	QP
4		296.75	56.00	36.69	-19.31	-10.31	47.00	QP
5		445.16	46.56	30.46	-16.10	-16.54	47.00	QP
6		672.14	47.02	35.62	-11.40	-11.38	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 29, 2013	Humidity:	65%

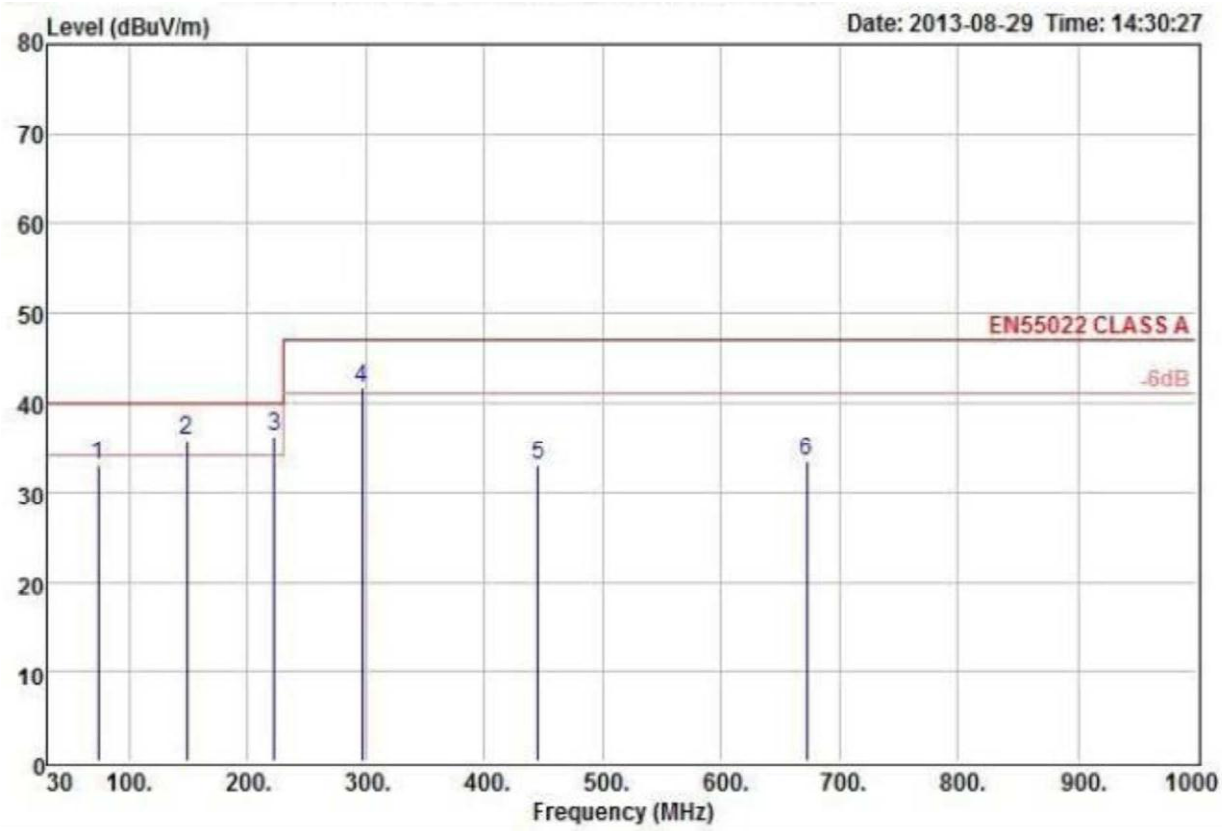
Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	27℃



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	110.51	54.88	34.50	-20.38	-5.50	40.00	QP
2 !	148.34	53.63	35.21	-18.42	-4.79	40.00	QP
3 !	222.06	58.15	36.23	-21.92	-3.77	40.00	QP
4	296.75	58.36	39.05	-19.31	-7.95	47.00	QP
5	594.54	49.77	35.58	-14.19	-11.42	47.00	QP
6	672.14	48.93	37.53	-11.40	-9.47	47.00	QP

Test Date:	Aug. 29, 2013	Humidity:	65%

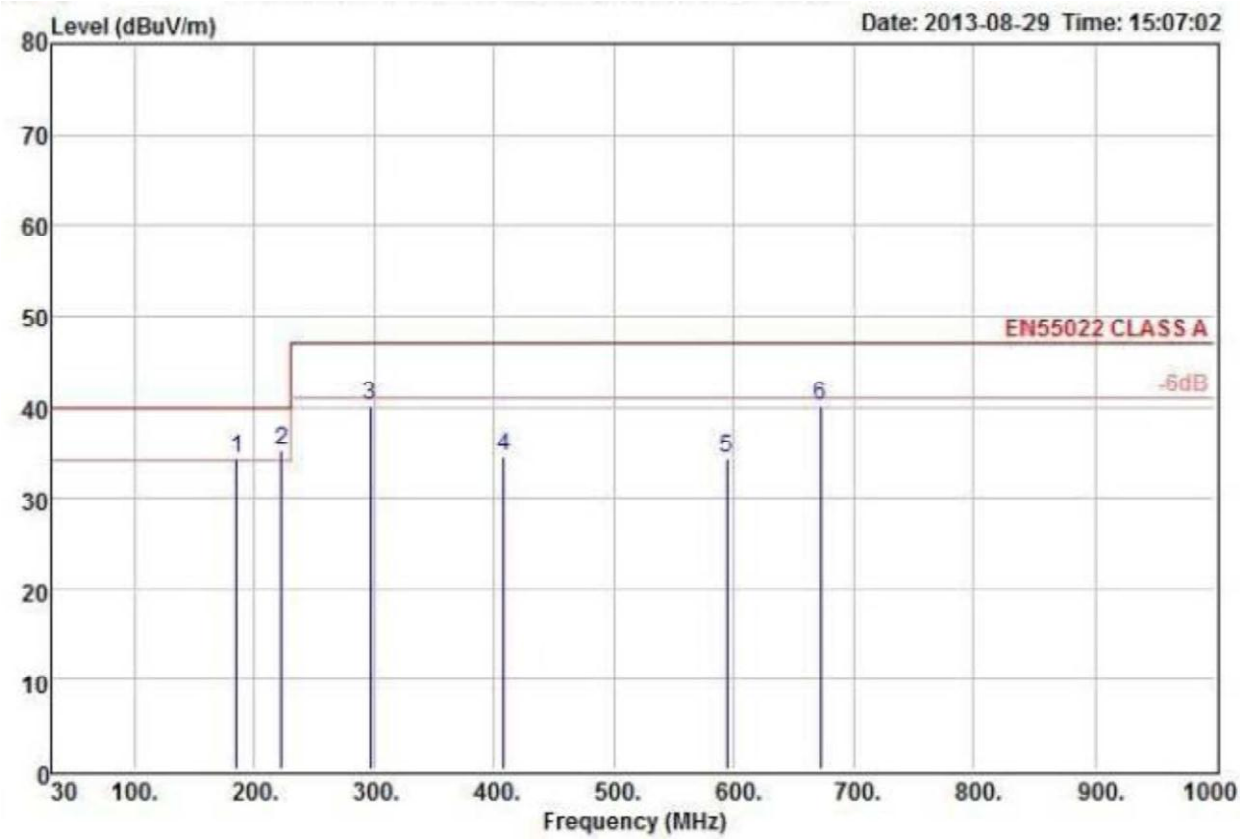
Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	73.65	54.39	32.96	-21.43	-7.04	40.00	QP
2 !	148.34	54.33	35.91	-18.42	-4.09	40.00	QP
3 !	222.06	58.14	36.22	-21.92	-3.78	40.00	QP
4 !	296.75	60.94	41.63	-19.31	-5.37	47.00	QP
5	445.16	49.23	33.13	-16.10	-13.87	47.00	QP
6	672.14	44.81	33.41	-11.40	-13.59	47.00	QP

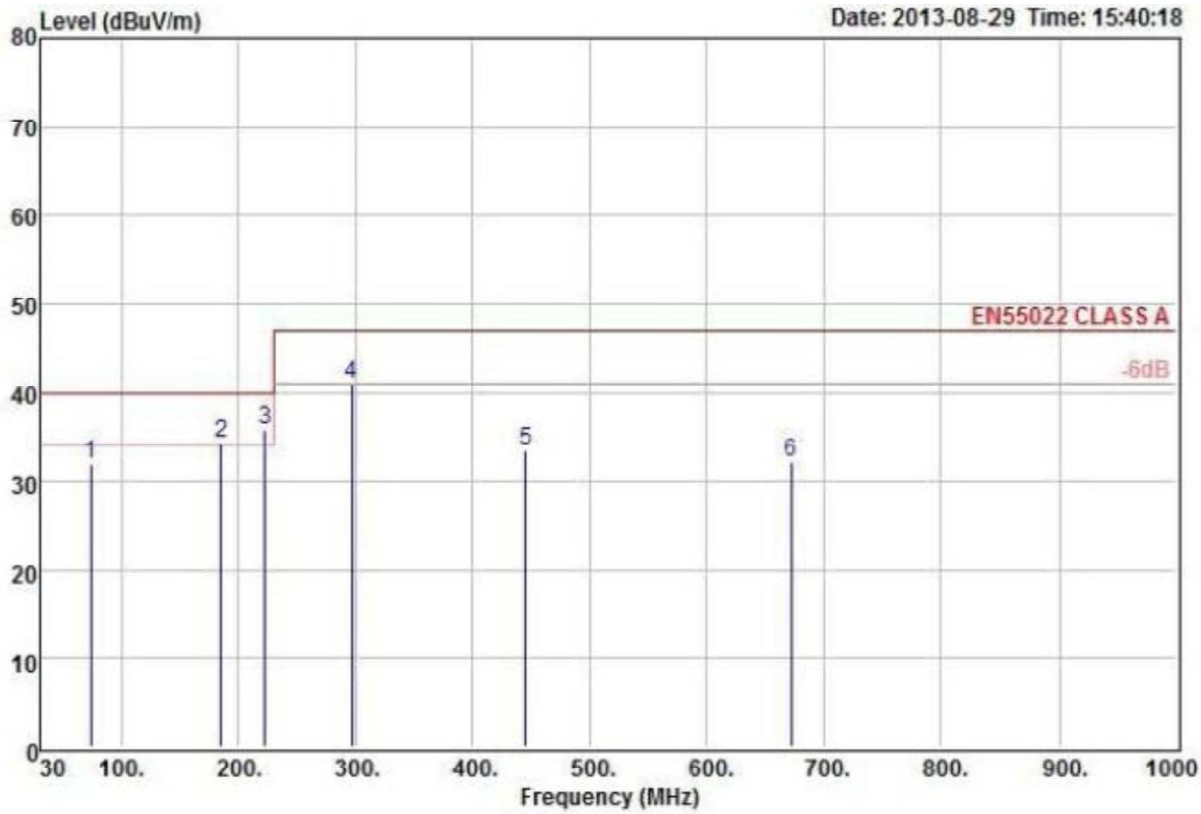
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	27℃

Test Date:	Aug. 29, 2013	Humidity:	65%



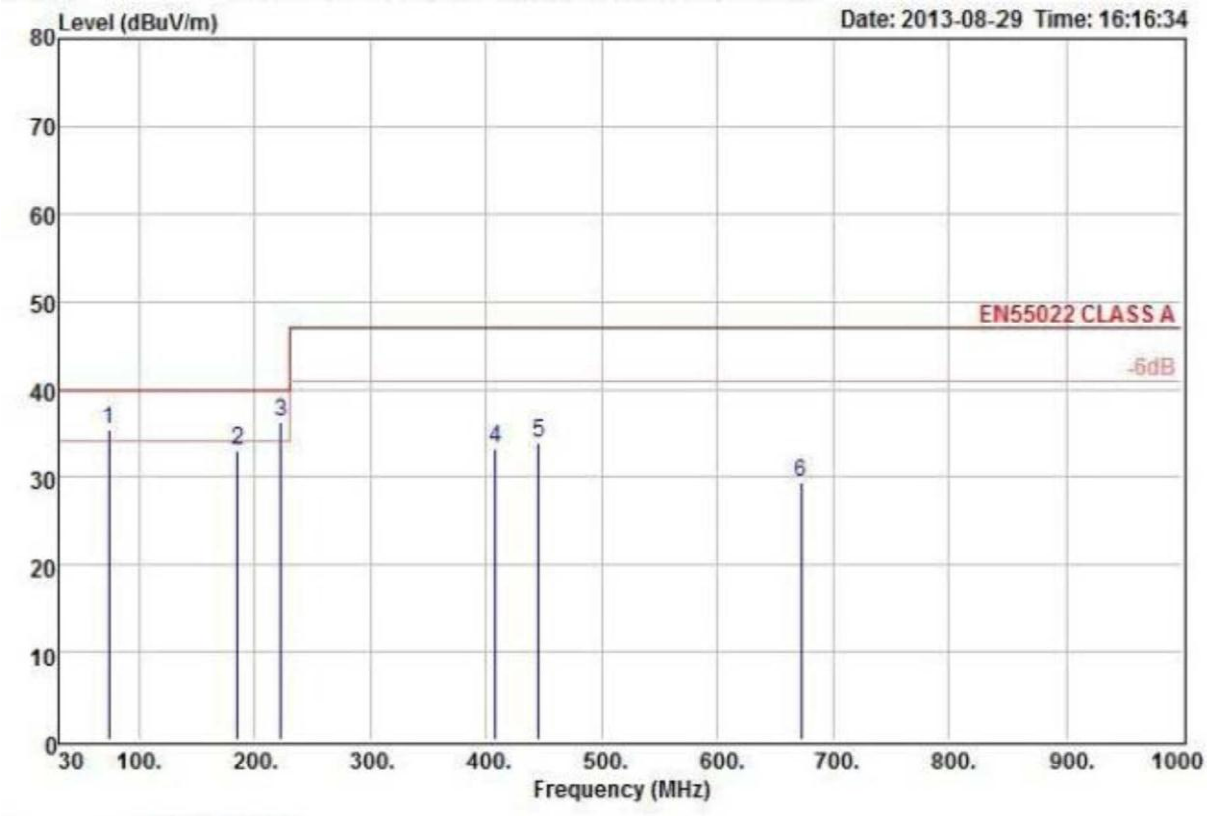
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	!	185.20	55.26	34.40	-20.86	-5.60	40.00	QP
2	!	222.06	57.20	35.28	-21.92	-4.72	40.00	QP
3		296.75	59.40	40.09	-19.31	-6.91	47.00	QP
4		408.30	51.85	34.52	-17.33	-12.48	47.00	QP
5		594.54	48.40	34.21	-14.19	-12.79	47.00	QP
6		672.14	51.50	40.10	-11.40	-6.90	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 29, 2013	Humidity:	65%



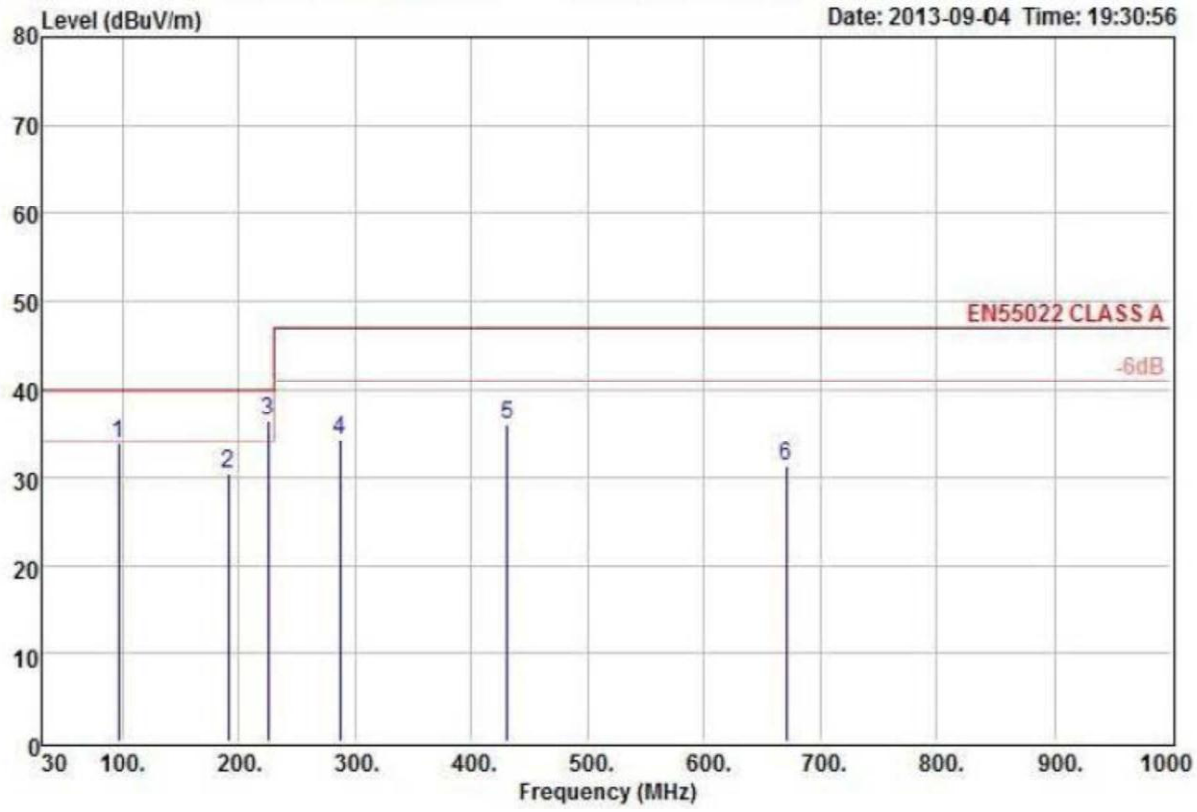
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	73.65	53.49	32.06	-21.43	-7.94	40.00	QP
2 !	185.20	55.15	34.29	-20.86	-5.71	40.00	QP
3 !	222.06	57.72	35.80	-21.92	-4.20	40.00	QP
4	296.75	60.20	40.89	-19.31	-6.11	47.00	QP
5	445.16	49.49	33.39	-16.10	-13.61	47.00	QP
6	672.14	43.62	32.22	-11.40	-14.78	47.00	QP

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 29, 2013	Humidity:	65%



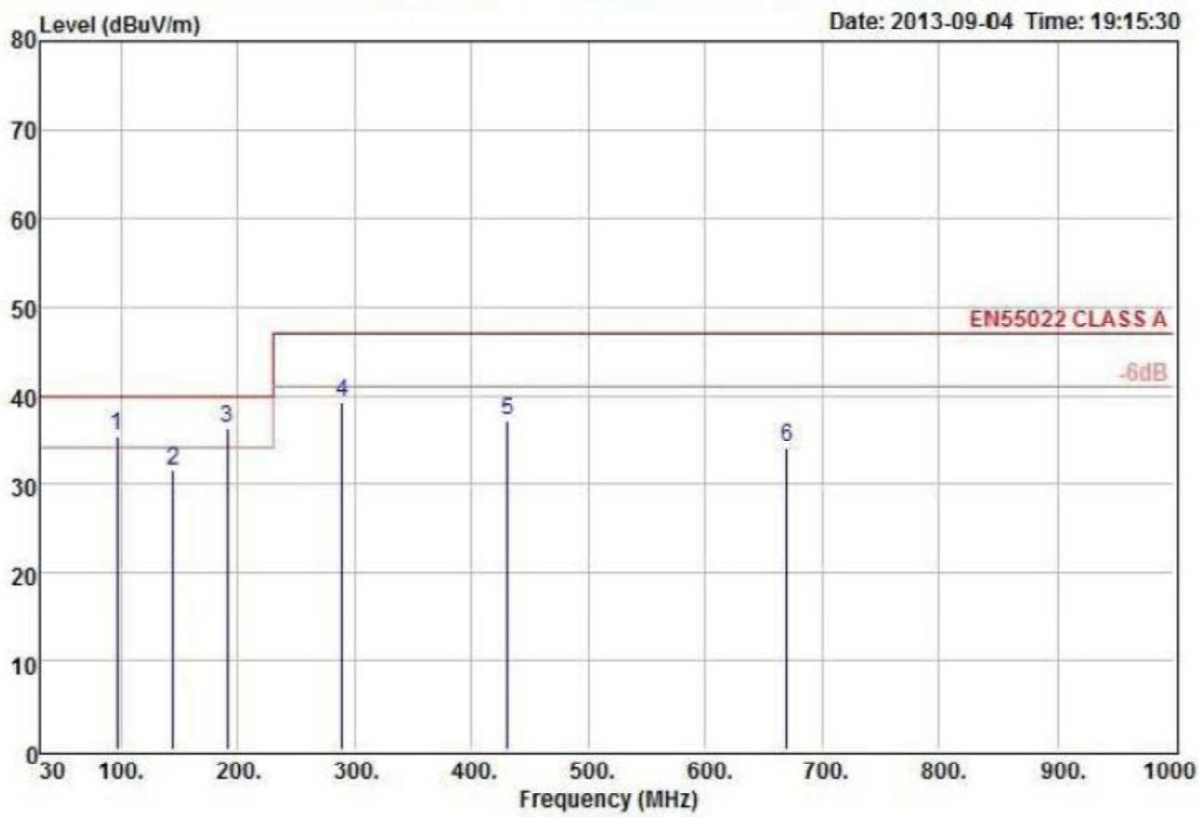
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	73.65	56.79	35.36	-21.43	-4.64	40.00	QP
2	185.20	53.84	32.98	-20.86	-7.02	40.00	QP
3 !	222.06	58.27	36.35	-21.92	-3.65	40.00	QP
4	408.30	50.59	33.26	-17.33	-13.74	47.00	QP
5	445.16	50.08	33.98	-16.10	-13.02	47.00	QP
6	672.14	40.89	29.49	-11.40	-17.51	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



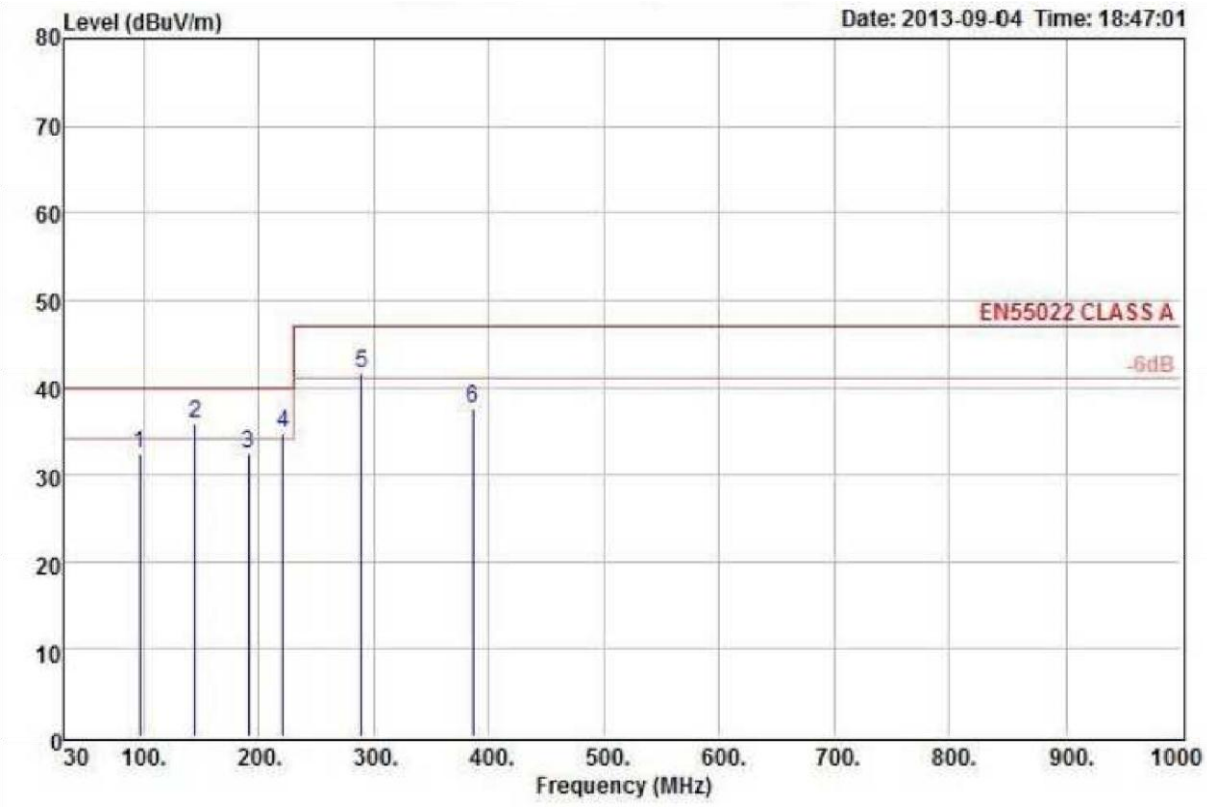
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		96.56	56.37	33.97	-22.40	-6.03	40.00	QP
2		190.59	52.04	30.54	-21.50	-9.46	40.00	QP
3	!	224.63	58.13	36.43	-21.70	-3.57	40.00	QP
4		287.02	53.78	34.25	-19.53	-12.75	47.00	QP
5		430.68	52.70	36.11	-16.59	-10.89	47.00	QP
6		671.14	42.81	31.33	-11.48	-15.67	47.00	QP

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



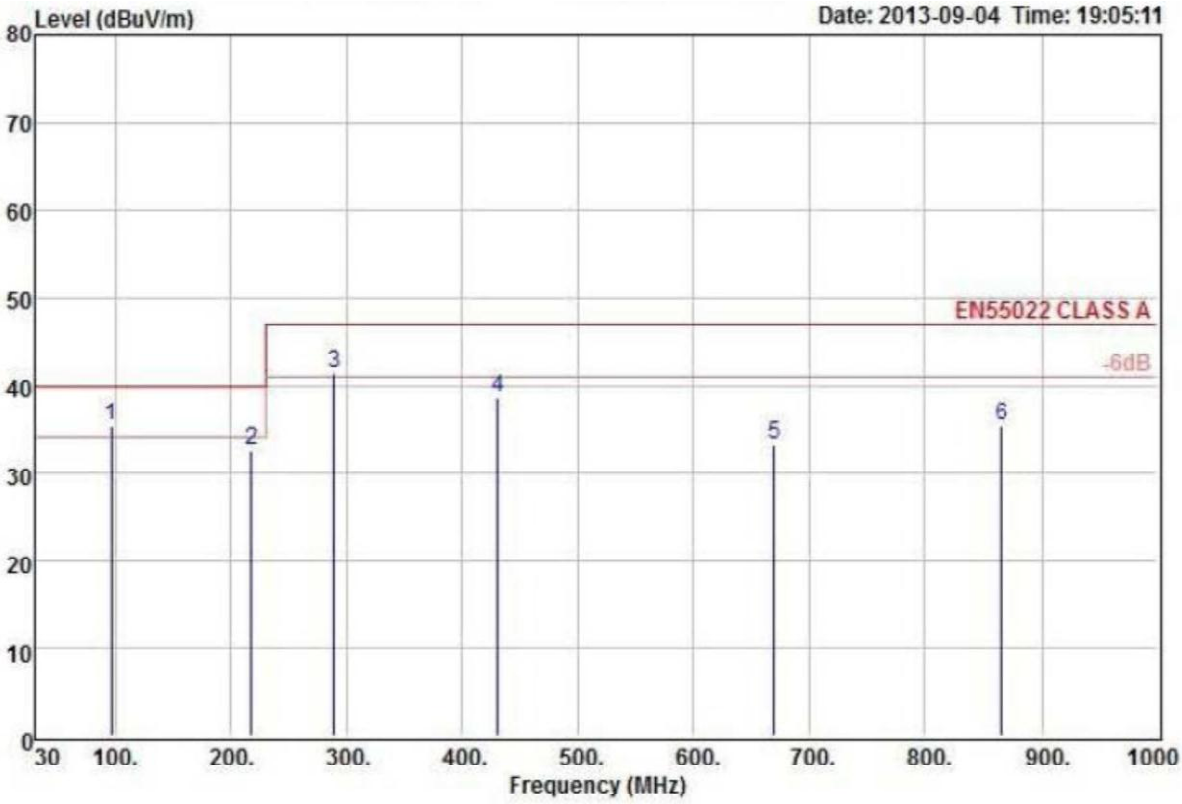
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	!	96.56	57.70	35.30	-22.40	-4.70	40.00	QP
2		144.40	50.10	31.58	-18.52	-8.42	40.00	QP
3	!	190.59	57.73	36.23	-21.50	-3.77	40.00	QP
4		289.02	58.71	39.23	-19.48	-7.77	47.00	QP
5		430.68	53.80	37.21	-16.59	-9.79	47.00	QP
6		670.14	45.66	34.11	-11.55	-12.89	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



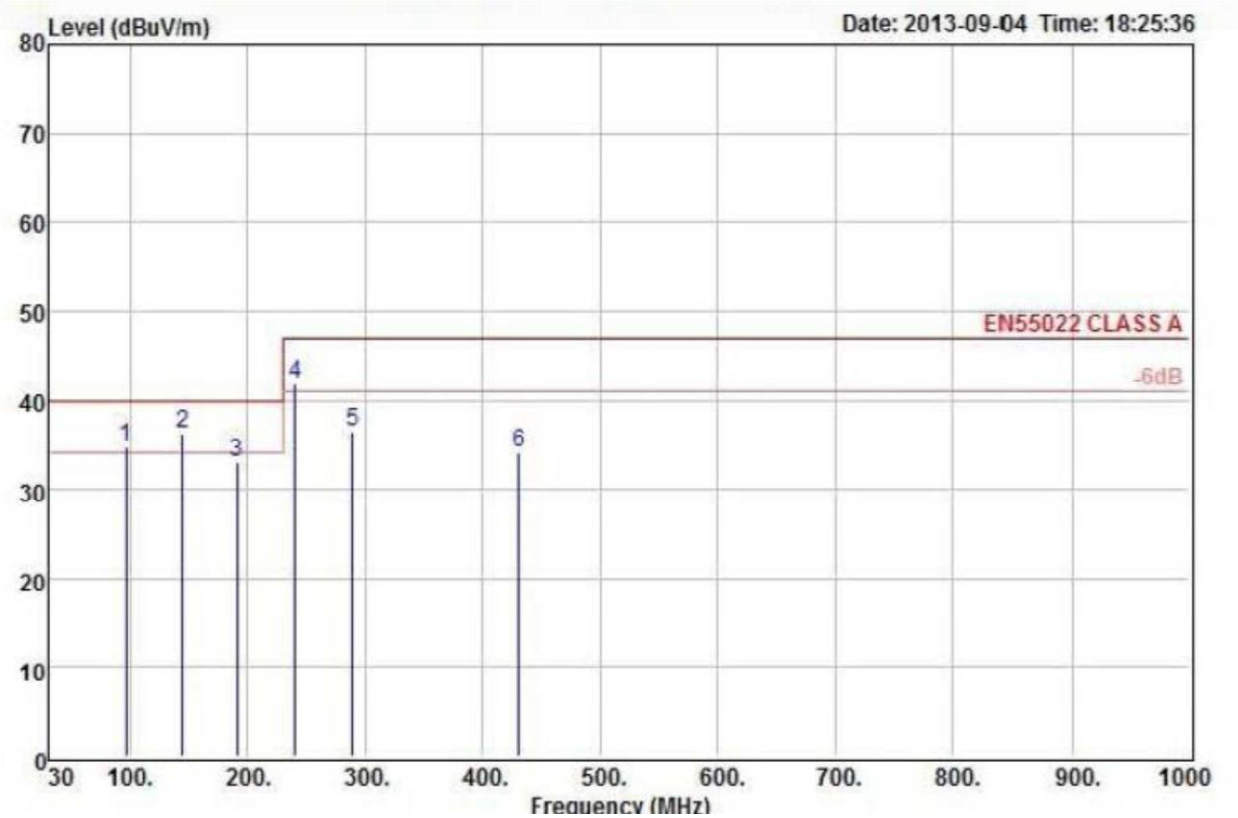
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1		96.56	54.80	32.40	-22.40	-7.60	40.00	QP
2	!	144.40	54.43	35.91	-18.52	-4.09	40.00	QP
3		190.59	53.89	32.39	-21.50	-7.61	40.00	QP
4	!	220.56	56.73	34.68	-22.05	-5.32	40.00	QP
5	!	289.52	61.01	41.55	-19.46	-5.45	47.00	QP
6		385.65	55.54	37.64	-17.90	-9.36	47.00	QP

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



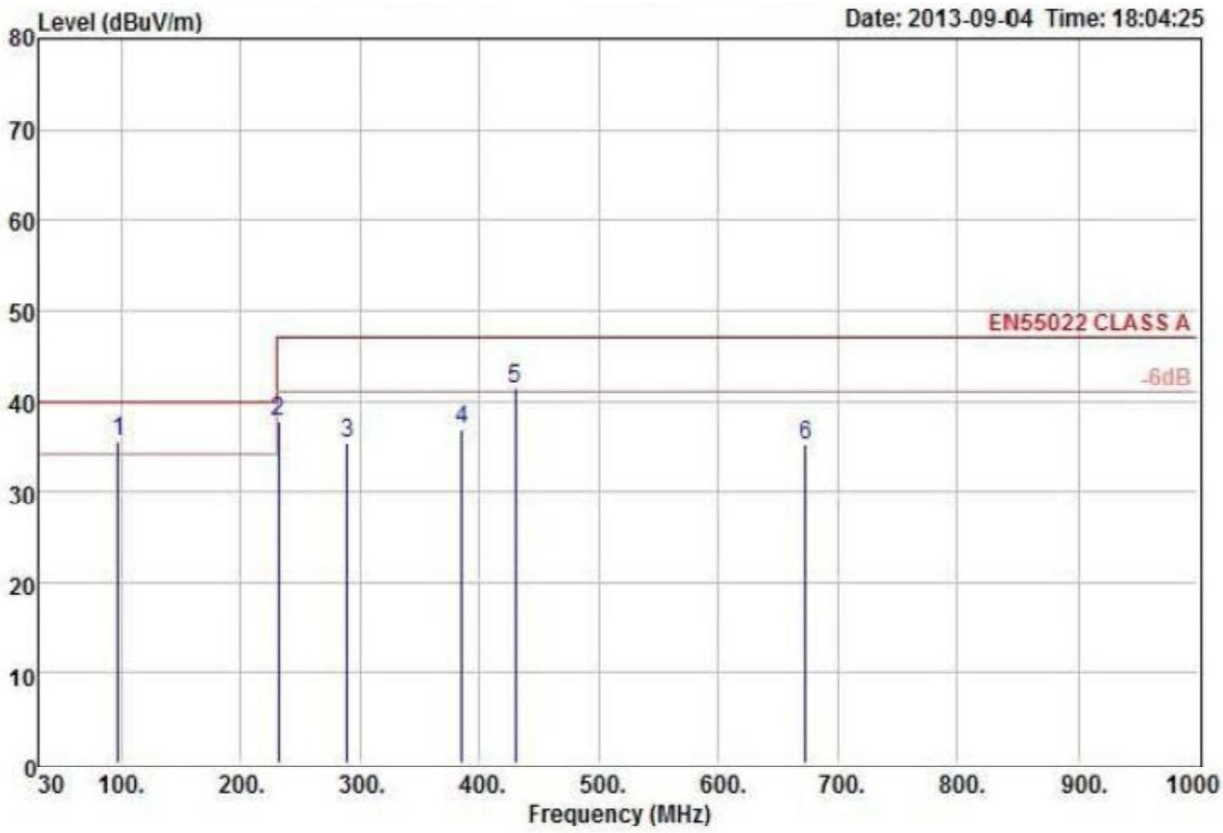
		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	!	96.25	57.87	35.41	-22.46	-4.59	40.00	QP
2		217.20	54.93	32.68	-22.25	-7.32	40.00	QP
3	!	289.50	60.83	41.37	-19.46	-5.63	47.00	QP
4		430.50	55.30	38.71	-16.59	-8.29	47.00	QP
5		670.14	44.87	33.32	-11.55	-13.68	47.00	QP
6		865.20	44.62	35.38	-9.24	-11.62	47.00	QP

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



		Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
		MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	!	96.56	57.24	34.84	-22.40	-5.16	40.00	QP
2	!	144.42	54.76	36.24	-18.52	-3.76	40.00	QP
3		190.59	54.46	32.96	-21.50	-7.04	40.00	QP
4	!	240.02	62.70	41.80	-20.90	-5.20	47.00	QP
5		289.22	55.88	36.41	-19.47	-10.59	47.00	QP
6		430.98	50.59	34.02	-16.57	-12.98	47.00	QP

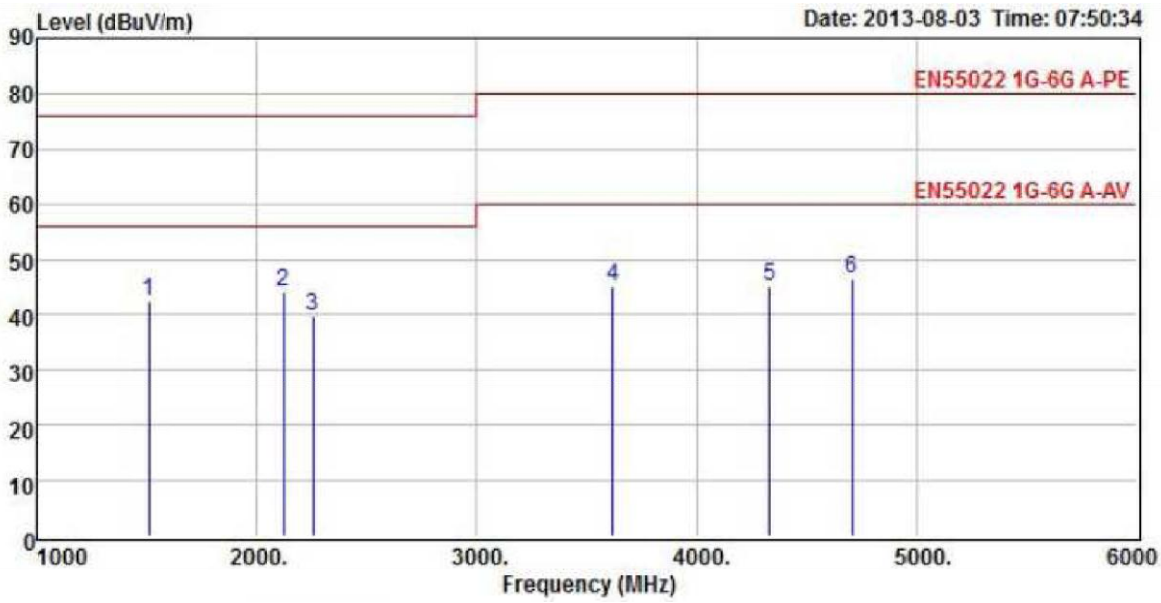
Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	27℃
Test Date:	Sep. 04, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1 !	96.96	57.87	35.54	-22.33	-4.46	40.00	QP
2	231.70	59.02	37.82	-21.20	-9.18	47.00	QP
3	289.05	54.89	35.41	-19.48	-11.59	47.00	QP
4	385.55	54.75	36.84	-17.91	-10.16	47.00	QP
5 !	430.18	58.02	41.42	-16.60	-5.58	47.00	QP
6	673.14	46.57	35.24	-11.33	-11.76	47.00	QP

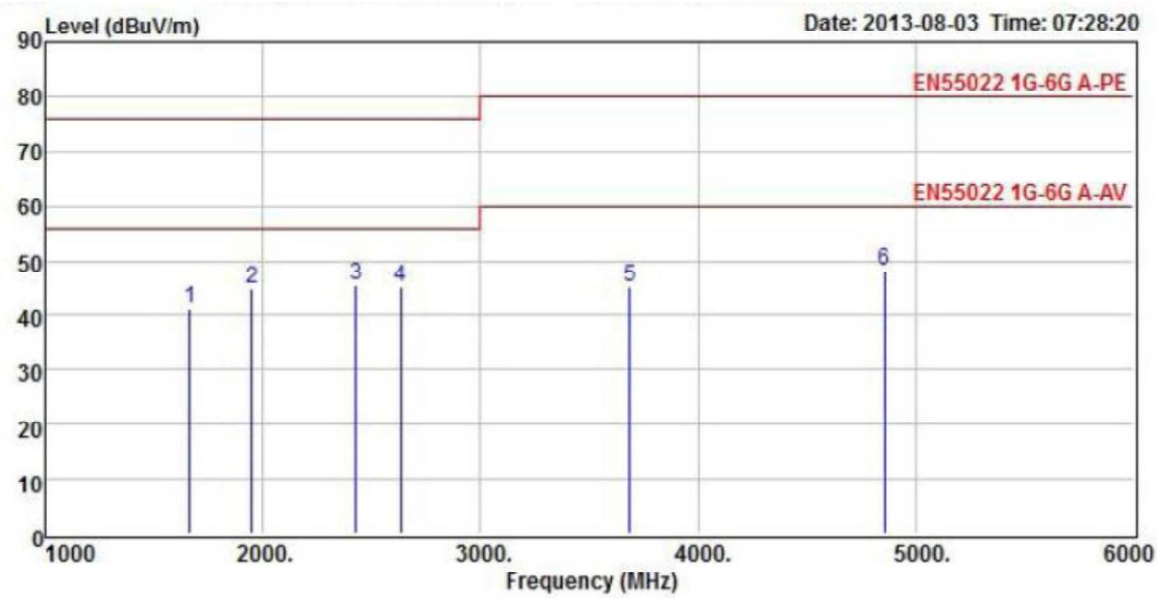
4.5.2 Above 1GHz

Power:	DC 12V Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	72.60	42.38	-30.22	-33.62	76.00	Peak
2	2122.00	72.20	44.31	-27.89	-31.69	76.00	Peak
3	2258.00	67.52	39.67	-27.85	-36.33	76.00	Peak
4	3618.00	71.57	45.20	-26.37	-34.80	80.00	Peak
5	4332.00	71.71	45.24	-26.47	-34.76	80.00	Peak
6	4706.00	72.85	46.39	-26.46	-33.61	80.00	Peak

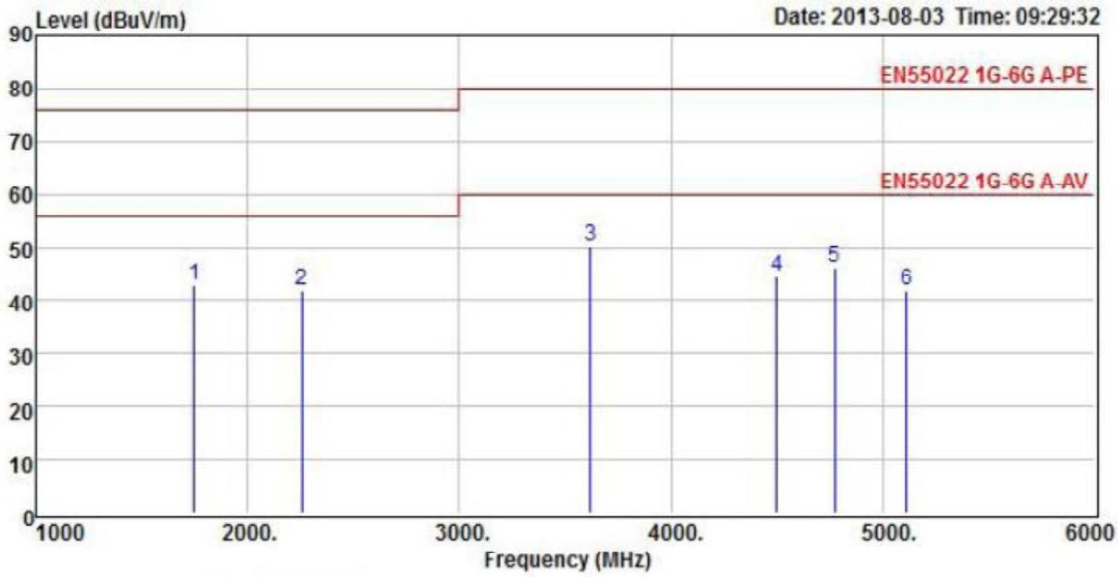
Power:	DC 12V Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1663.00	70.79	41.28	-29.51	-34.72	76.00	Peak
2	1952.00	72.96	44.81	-28.15	-31.19	76.00	Peak
3	2428.00	73.37	45.57	-27.80	-30.43	76.00	Peak
4	2632.00	72.74	45.23	-27.51	-30.77	76.00	Peak
5	3686.00	71.49	45.27	-26.22	-34.73	80.00	Peak
6	4859.00	74.09	48.01	-26.08	-31.99	80.00	Peak

Power:	AC 24V Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	27℃

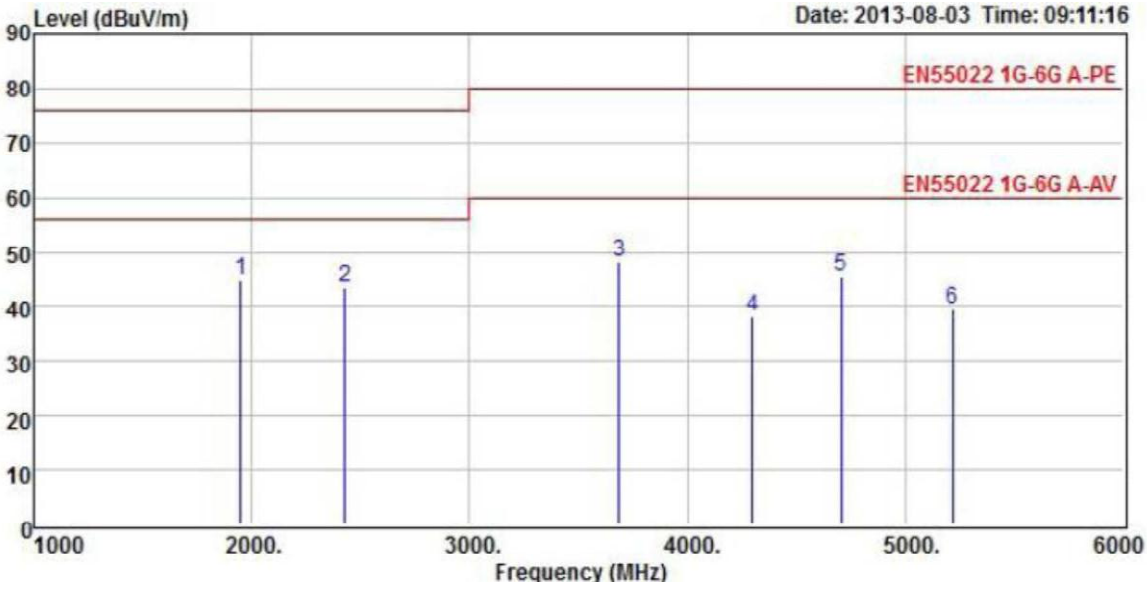
Test Date:	Aug. 03, 2013	Humidity:	65%



Power:	AC 24V Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with AC 24V Adaptor	Temperature:	27℃

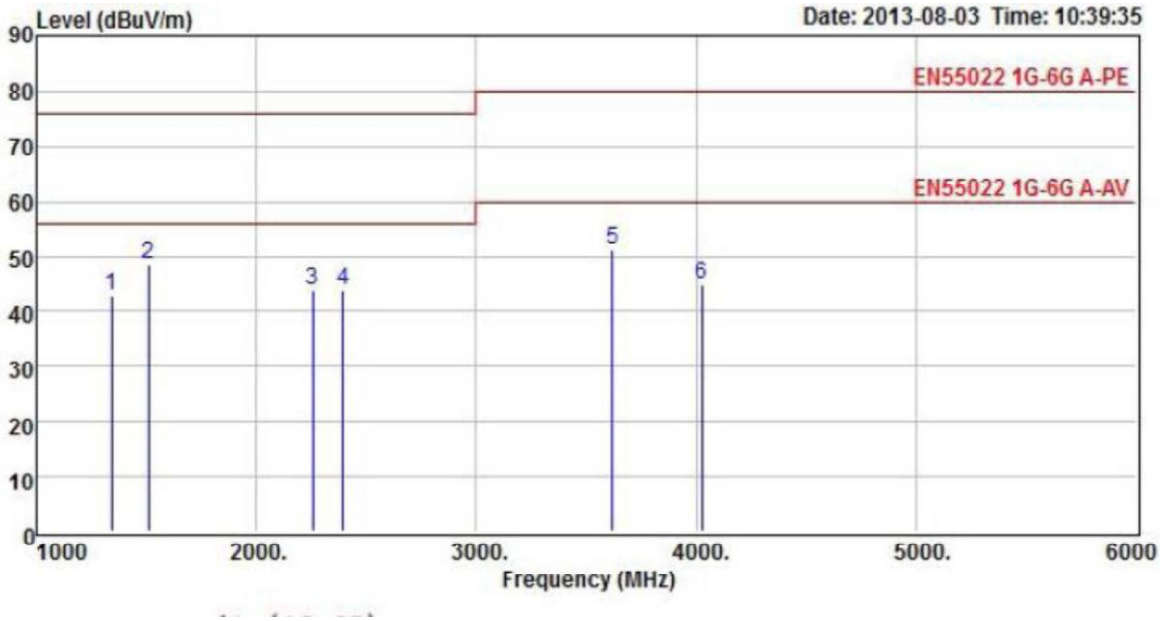
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1748.00	71.96	42.86	-29.10	-33.14	76.00	Peak
2	2258.00	69.52	41.67	-27.85	-34.33	76.00	Peak
3	3618.00	76.57	50.20	-26.37	-29.80	80.00	Peak
4	4502.00	71.36	44.42	-26.94	-35.58	80.00	Peak
5	4774.00	72.52	46.23	-26.29	-33.77	80.00	Peak
6	5114.00	67.68	41.95	-25.73	-38.05	80.00	Peak

Test Date:	Aug. 03, 2013	Humidity:	65%



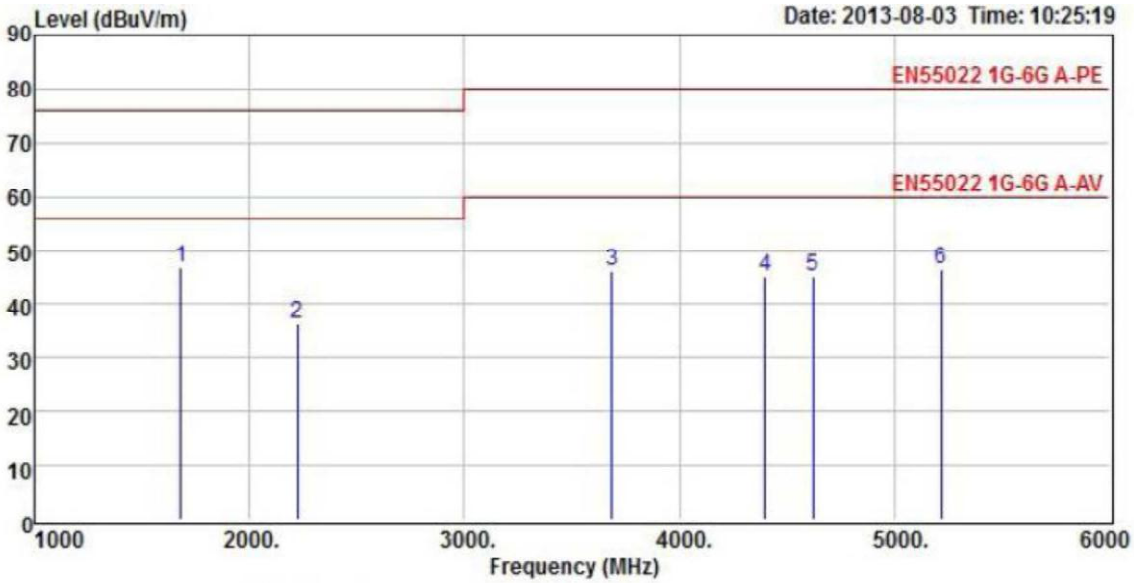
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1952.00	72.96	44.81	-28.15	-31.19	76.00	Peak
2	2428.00	71.37	43.57	-27.80	-32.43	76.00	Peak
3	3686.00	74.49	48.27	-26.22	-31.73	80.00	Peak
4	4298.00	64.42	38.04	-26.38	-41.96	80.00	Peak
5	4706.00	71.96	45.50	-26.46	-34.50	80.00	Peak
6	5216.00	65.11	39.40	-25.71	-40.60	80.00	Peak

Power:	POE Adaptor	Phase:	HORIZONTAL
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



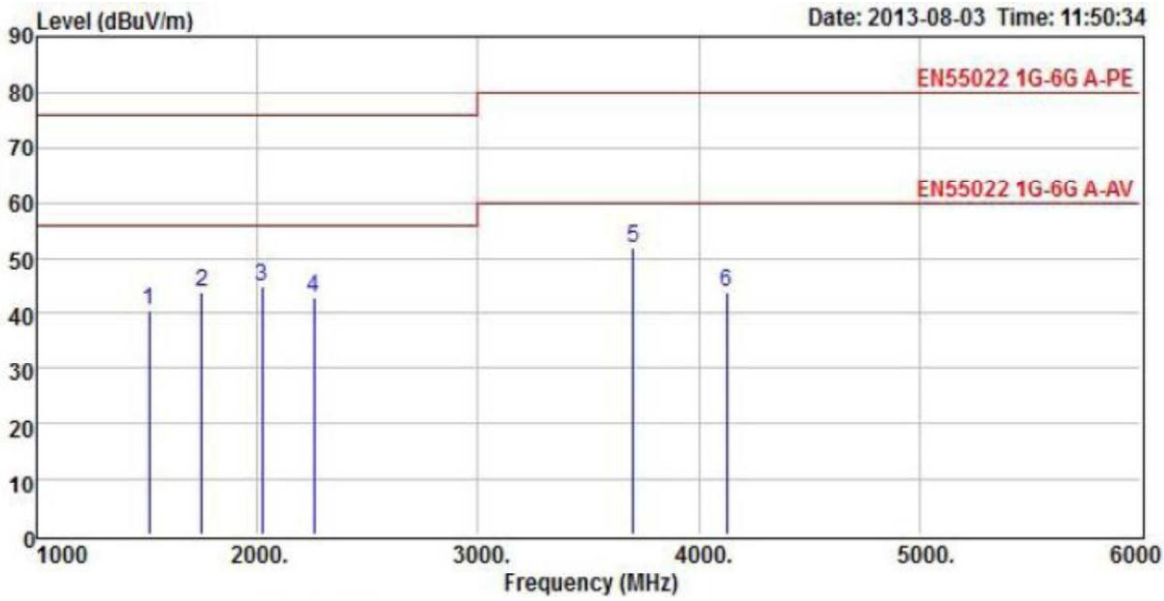
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1340.00	72.89	42.71	-30.18	-33.29	76.00	Peak
2	1510.00	78.60	48.38	-30.22	-27.62	76.00	Peak
3	2258.00	71.52	43.67	-27.85	-32.33	76.00	Peak
4	2394.00	71.50	43.69	-27.81	-32.31	76.00	Peak
5	3618.00	77.57	51.20	-26.37	-28.80	80.00	Peak
6	4026.00	70.36	44.75	-25.61	-35.25	80.00	Peak

Power:	POE Adaptor	Phase:	VERTICAL
Test Mode:	OV2715_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



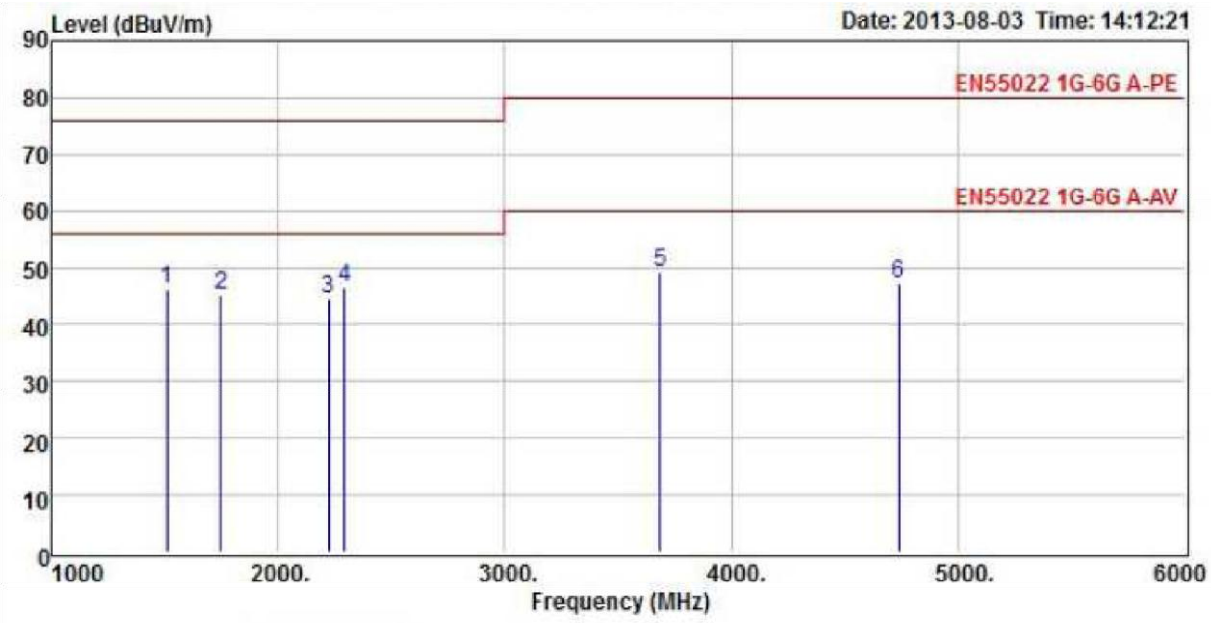
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1680.00	76.17	46.75	-29.42	-29.25	76.00	Peak
2	2224.00	64.39	36.53	-27.86	-39.47	76.00	Peak
3	3686.00	72.49	46.27	-26.22	-33.73	80.00	Peak
4	4400.00	71.93	45.27	-26.66	-34.73	80.00	Peak
5	4621.00	71.70	45.05	-26.65	-34.95	80.00	Peak
6	5216.00	72.11	46.40	-25.71	-33.60	80.00	Peak

Power:	DC 12V Adaptor	Phase:	HORIZONTAL
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



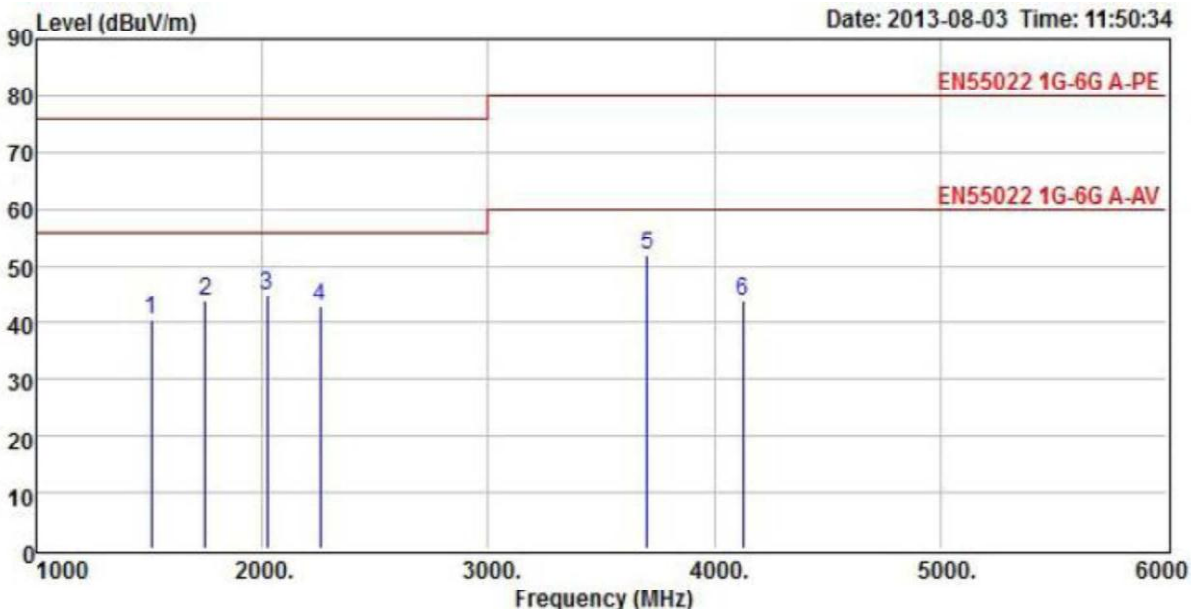
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	70.60	40.38	-30.22	-35.62	76.00	Peak
2	1748.00	72.96	43.86	-29.10	-32.14	76.00	Peak
3	2020.00	72.88	44.97	-27.91	-31.03	76.00	Peak
4	2258.00	70.52	42.67	-27.85	-33.33	76.00	Peak
5	3703.00	77.98	51.80	-26.18	-28.20	80.00	Peak
6	4128.00	69.60	43.70	-25.90	-36.30	80.00	Peak

Power:	DC 12V Adaptor	Phase:	VERTICAL
Test Mode:	9P006_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



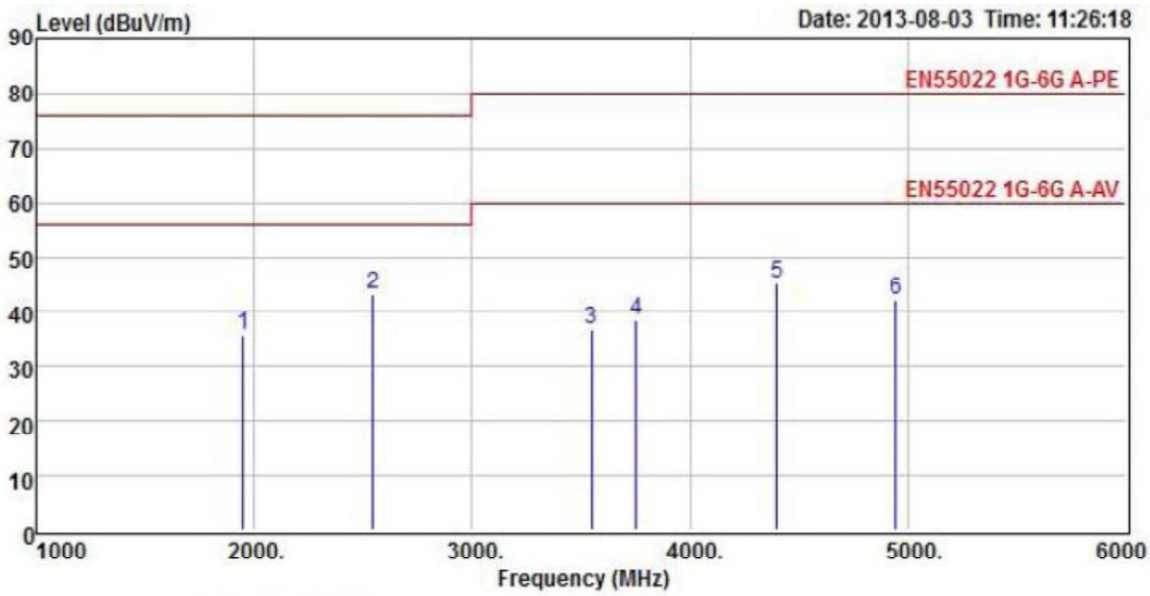
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	76.35	46.13	-30.22	-29.87	76.00	Peak
2	1748.00	74.40	45.30	-29.10	-30.70	76.00	Peak
3	2224.00	72.39	44.53	-27.86	-31.47	76.00	Peak
4	2292.00	74.36	46.52	-27.84	-29.48	76.00	Peak
5	3686.00	75.49	49.27	-26.22	-30.73	80.00	Peak
6	4740.00	73.70	47.32	-26.38	-32.68	80.00	Peak

Power:	AC 24V Adaptor	Phase:	HORIZONTAL
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



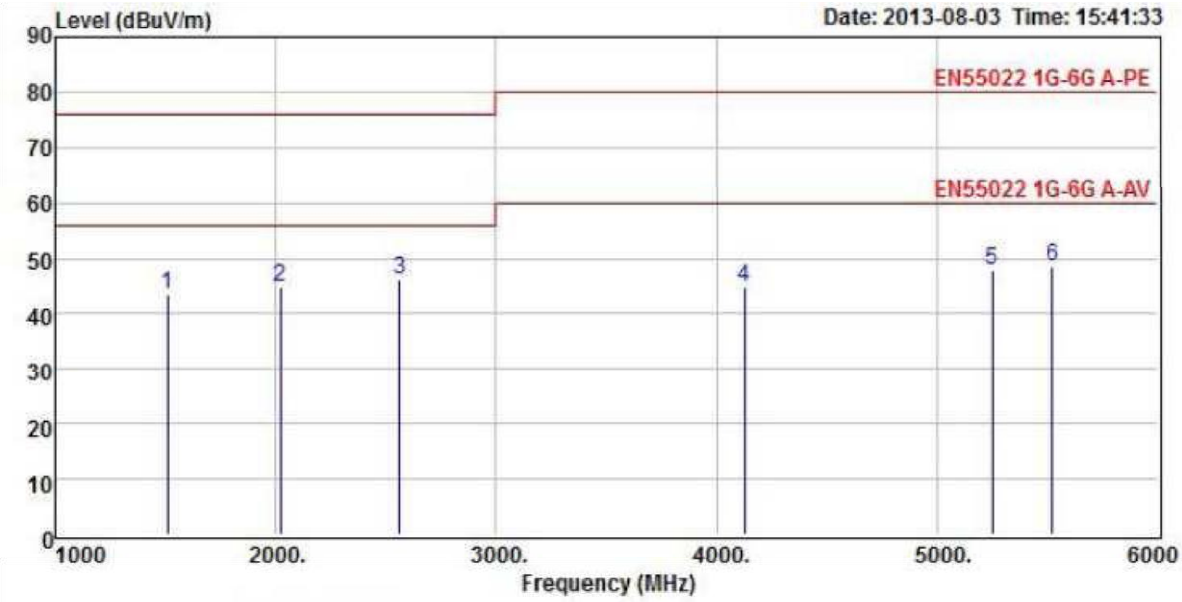
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	70.60	40.38	-30.22	-35.62	76.00	Peak
2	1748.00	72.96	43.86	-29.10	-32.14	76.00	Peak
3	2020.00	72.88	44.97	-27.91	-31.03	76.00	Peak
4	2258.00	70.52	42.67	-27.85	-33.33	76.00	Peak
5	3703.00	77.98	51.80	-26.18	-28.20	80.00	Peak
6	4128.00	69.60	43.70	-25.90	-36.30	80.00	Peak

Power:	AC 24V Adaptor	Phase:	VERTICAL
Test Mode:	9P006_V-F / Moto with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



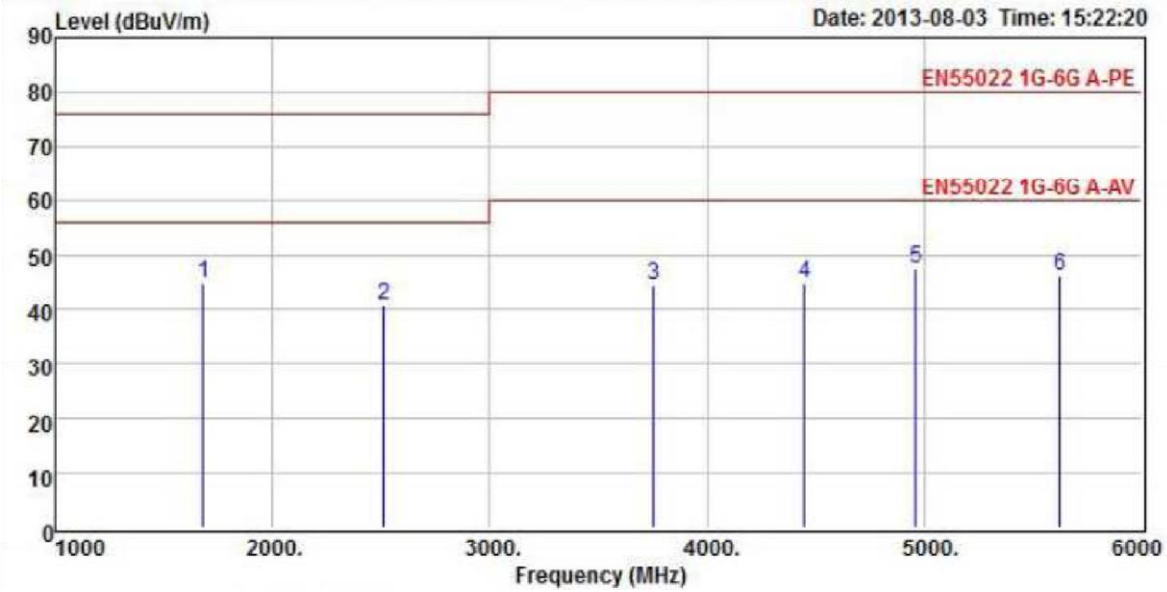
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1952.00	63.96	35.81	-28.15	-40.19	76.00	Peak
2	2547.00	70.84	43.15	-27.69	-32.85	76.00	Peak
3	3550.00	63.19	36.67	-26.52	-43.33	80.00	Peak
4	3754.00	64.72	38.64	-26.08	-41.36	80.00	Peak
5	4400.00	71.93	45.27	-26.66	-34.73	80.00	Peak
6	4944.00	68.05	42.18	-25.87	-37.82	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



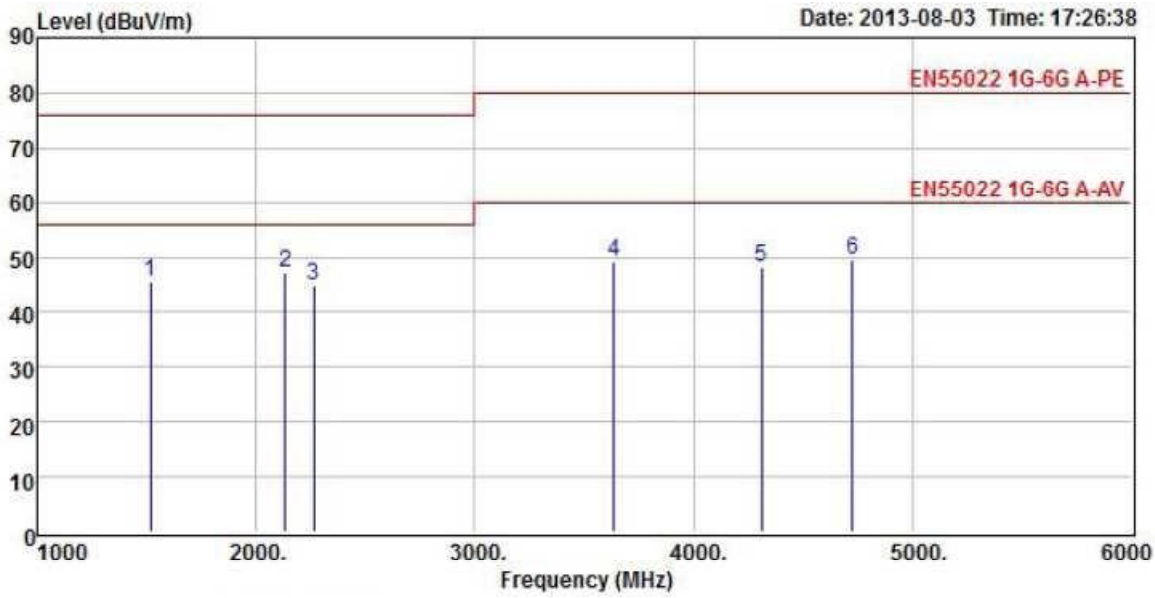
Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	73.60	43.38	-30.22	-32.62	76.00	Peak
2	2020.00	72.88	44.97	-27.91	-31.03	76.00	Peak
3	2564.00	73.76	46.10	-27.66	-29.90	76.00	Peak
4	4128.00	70.60	44.70	-25.90	-35.30	80.00	Peak
5	5250.00	73.45	47.75	-25.70	-32.25	80.00	Peak
6	5522.00	74.33	48.65	-25.68	-31.35	80.00	Peak



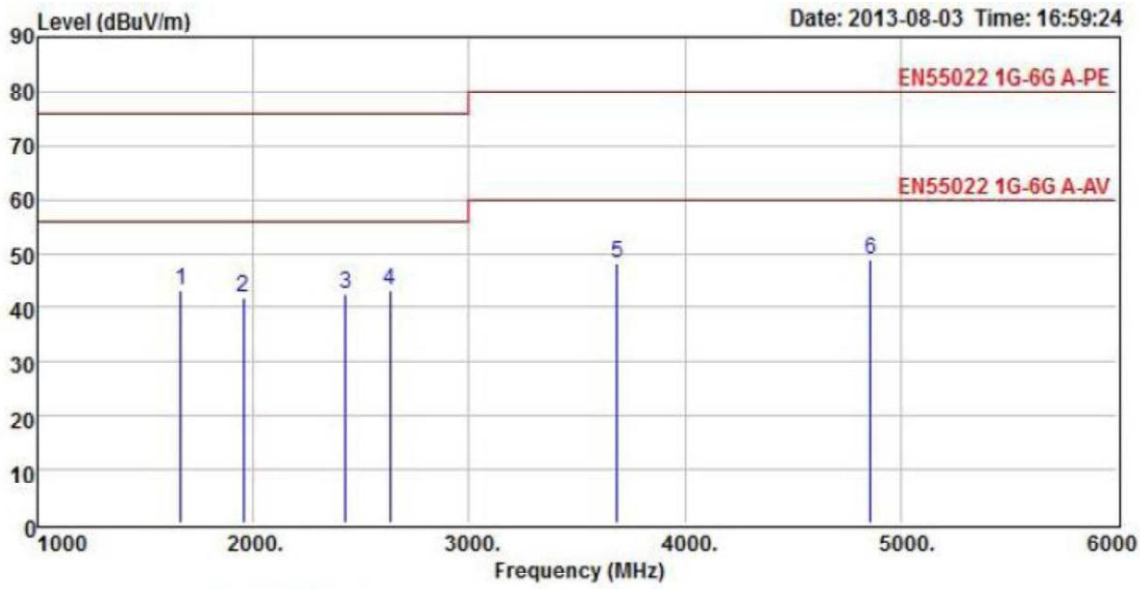
Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1680.00	74.17	44.75	-29.42	-31.25	76.00	Peak
2	2513.00	68.47	40.72	-27.75	-35.28	76.00	Peak
3	3754.00	70.72	44.64	-26.08	-35.36	80.00	Peak
4	4451.00	71.59	44.78	-26.81	-35.22	80.00	Peak
5	4961.00	73.35	47.51	-25.84	-32.49	80.00	Peak
6	5624.00	72.01	46.33	-25.68	-33.67	80.00	Peak



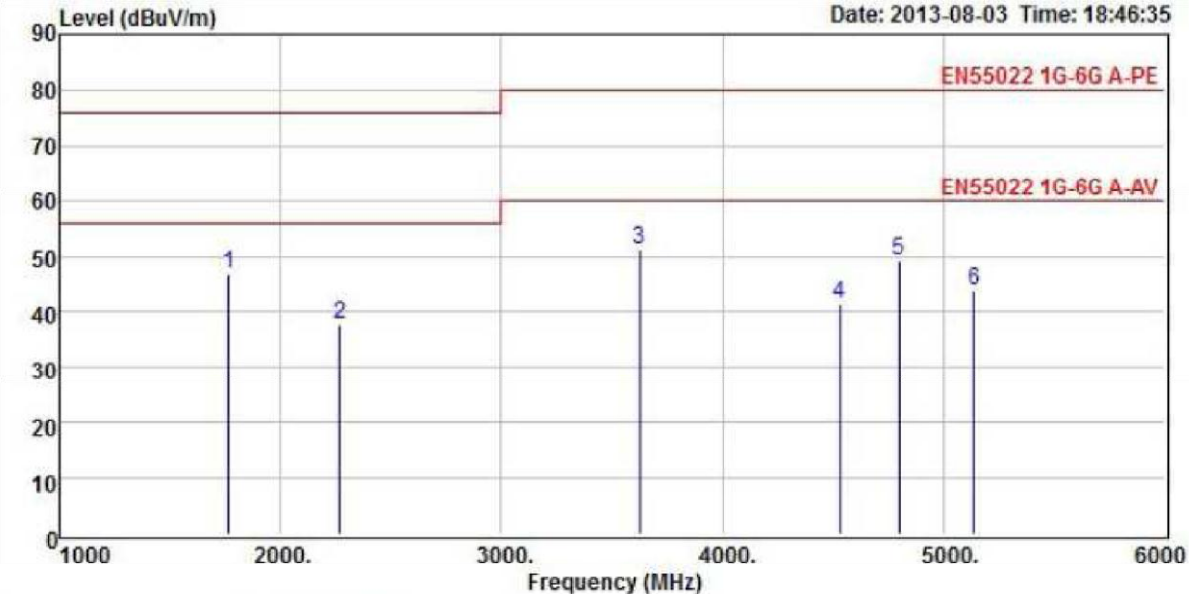
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1520.00	75.55	45.38	-30.17	-30.62	76.00	Peak
2	2133.00	75.20	47.31	-27.89	-28.69	76.00	Peak
3	2265.00	72.53	44.67	-27.86	-31.33	76.00	Peak
4	3635.00	75.54	49.20	-26.34	-30.80	80.00	Peak
5	4311.00	74.66	48.24	-26.42	-31.76	80.00	Peak
6	4725.00	75.79	49.39	-26.40	-30.61	80.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



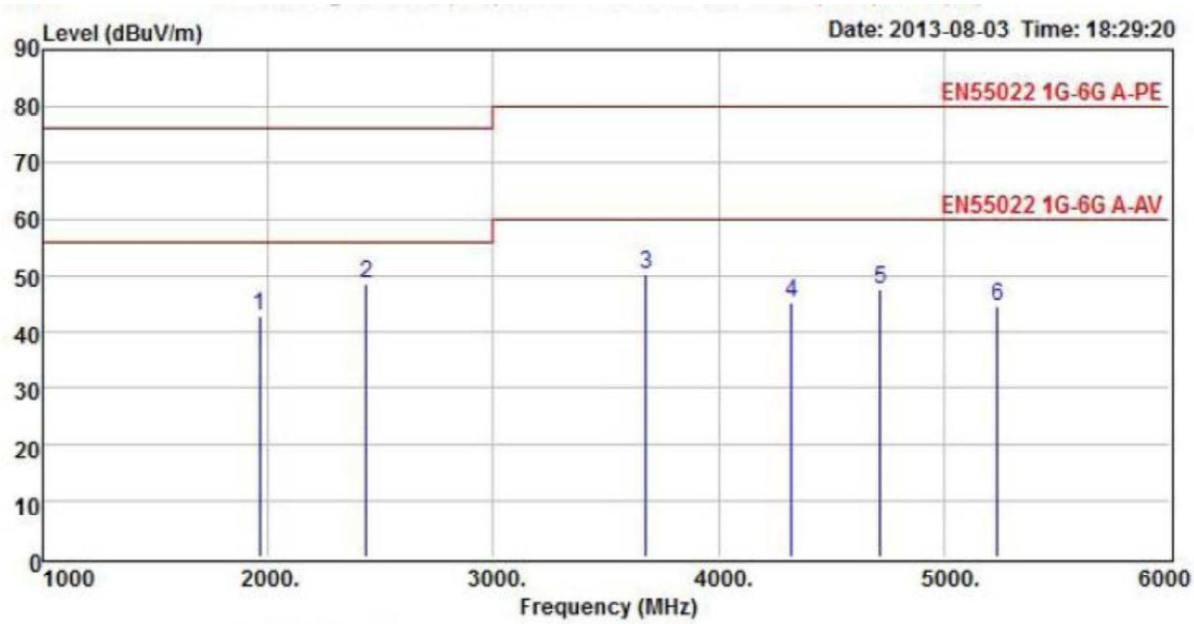
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1665.00	72.78	43.28	-29.50	-32.72	76.00	Peak
2	1953.00	69.95	41.81	-28.14	-34.19	76.00	Peak
3	2429.00	70.37	42.57	-27.80	-33.43	76.00	Peak
4	2633.00	70.74	43.23	-27.51	-32.77	76.00	Peak
5	3687.00	74.49	48.27	-26.22	-31.73	80.00	Peak
6	4860.00	75.09	49.01	-26.08	-30.99	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



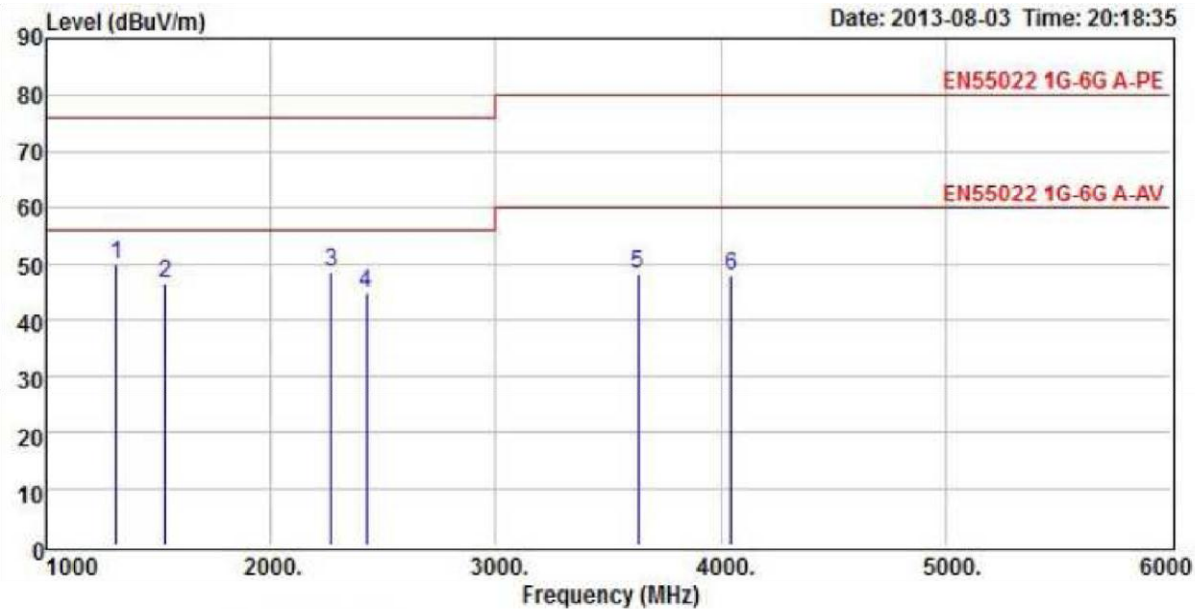
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1766.00	75.87	46.86	-29.01	-29.14	76.00	Peak
2	2269.00	65.51	37.67	-27.84	-38.33	76.00	Peak
3	3625.00	77.56	51.20	-26.36	-28.80	80.00	Peak
4	4530.00	68.30	41.42	-26.88	-38.58	80.00	Peak
5	4798.00	75.47	49.23	-26.24	-30.77	80.00	Peak
6	5136.00	69.67	43.95	-25.72	-36.05	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



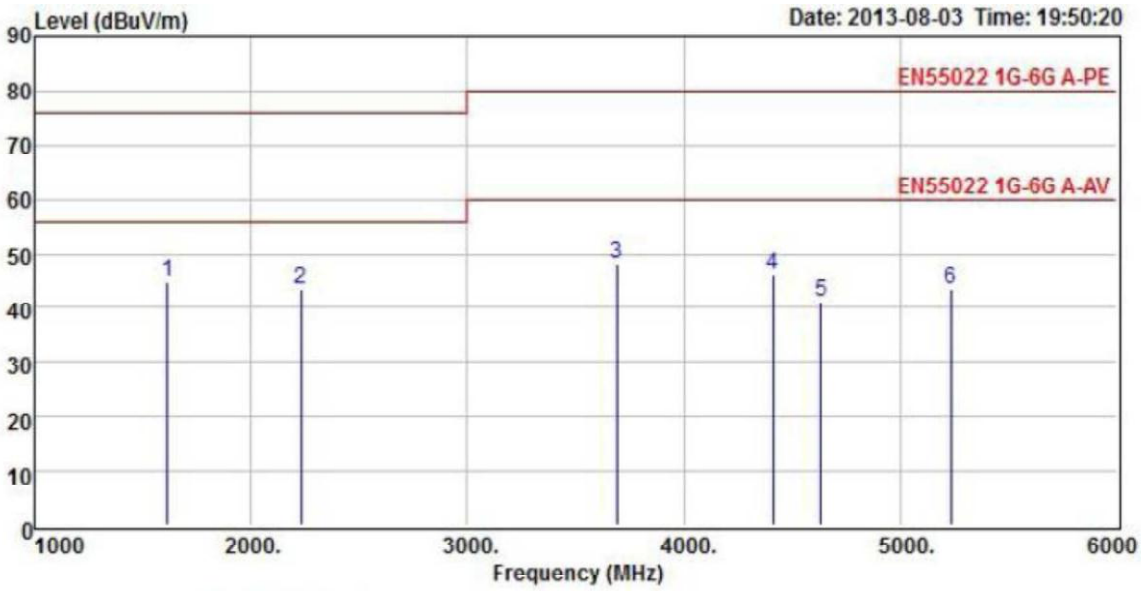
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1963.00	70.90	42.81	-28.09	-33.19	76.00	Peak
2	2437.00	76.36	48.57	-27.79	-27.43	76.00	Peak
3	3677.00	76.50	50.27	-26.23	-29.73	80.00	Peak
4	4323.00	71.49	45.04	-26.45	-34.96	80.00	Peak
5	4717.00	73.93	47.50	-26.43	-32.50	80.00	Peak
6	5238.00	70.10	44.40	-25.70	-35.60	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



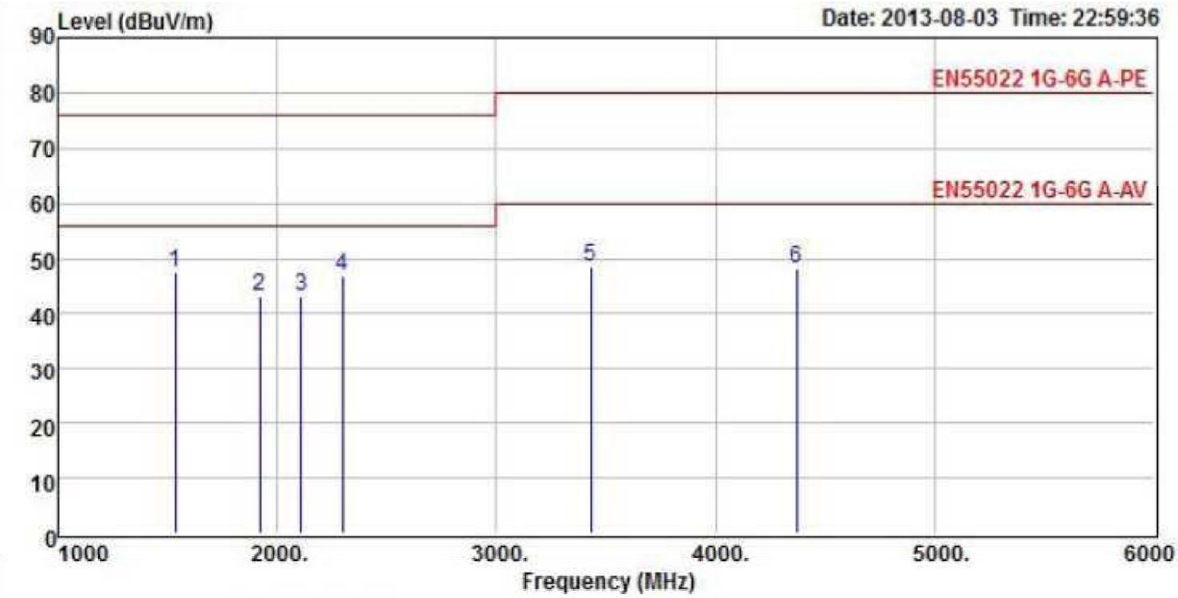
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1311.00	79.87	49.71	-30.16	-26.29	76.00	Peak
2	1530.00	76.51	46.38	-30.13	-29.62	76.00	Peak
3	2268.00	76.51	48.67	-27.84	-27.33	76.00	Peak
4	2423.00	72.49	44.69	-27.80	-31.31	76.00	Peak
5	3631.00	74.54	48.20	-26.34	-31.80	80.00	Peak
6	4049.00	73.42	47.75	-25.67	-32.25	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



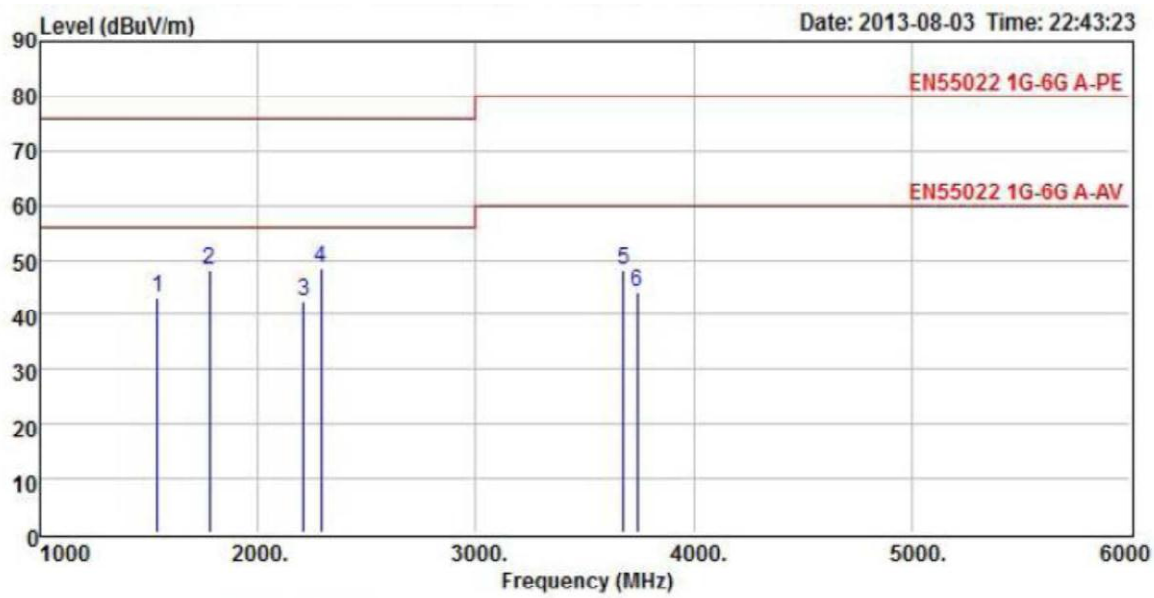
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1613.00	74.49	44.75	-29.74	-31.25	76.00	Peak
2	2230.00	71.39	43.53	-27.86	-32.47	76.00	Peak
3	3690.00	74.48	48.27	-26.21	-31.73	80.00	Peak
4	4412.00	72.97	46.27	-26.70	-33.73	80.00	Peak
5	4636.00	67.67	41.05	-26.62	-38.95	80.00	Peak
6	5233.00	69.11	43.40	-25.71	-36.60	80.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



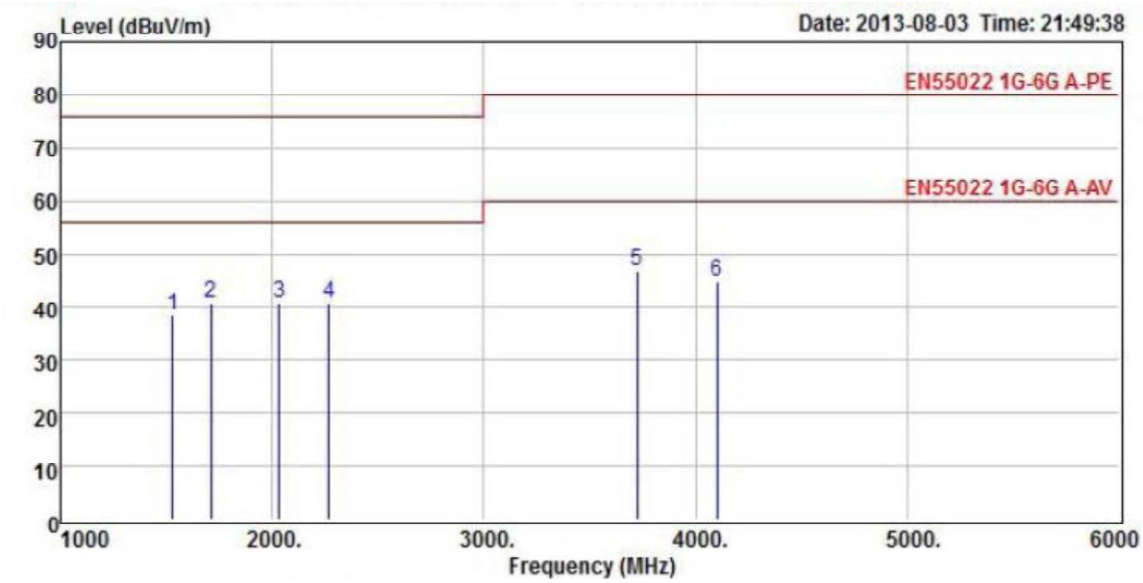
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1535.00	77.48	47.38	-30.10	-28.62	76.00	Peak
2	1922.00	71.37	43.09	-28.28	-32.91	76.00	Peak
3	2110.00	71.19	43.31	-27.88	-32.69	76.00	Peak
4	2299.00	74.82	46.99	-27.83	-29.01	76.00	Peak
5	3430.00	75.06	48.41	-26.65	-31.59	80.00	Peak
6	4370.00	74.82	48.24	-26.58	-31.76	80.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



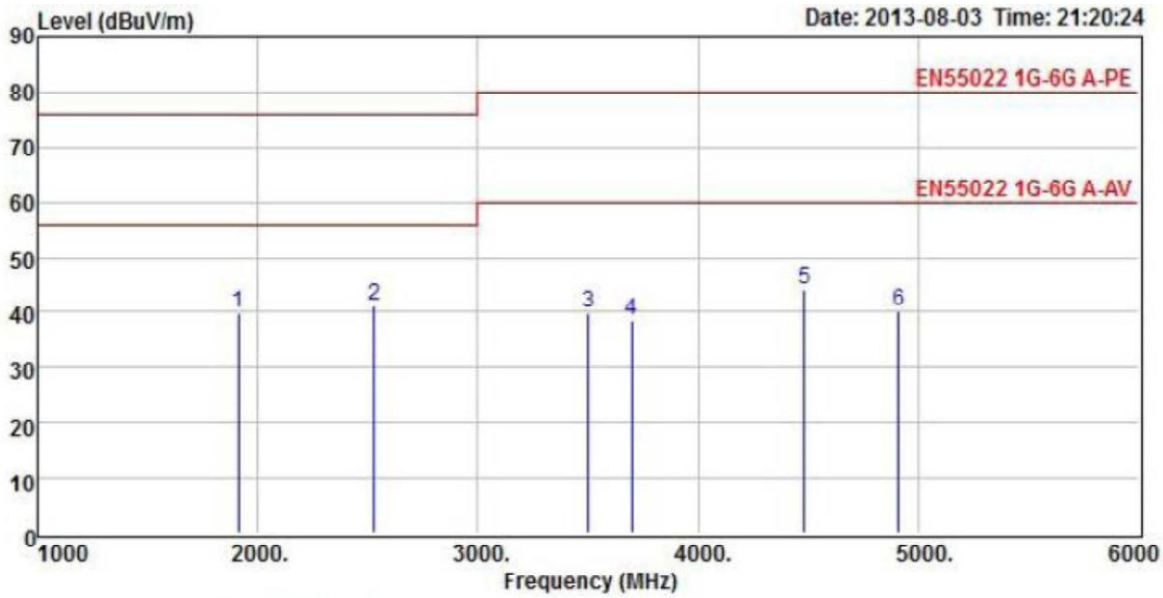
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1537.00	73.23	43.13	-30.10	-32.87	76.00	Peak
2	1778.00	77.26	48.30	-28.96	-27.70	76.00	Peak
3	2211.00	70.39	42.53	-27.86	-33.47	76.00	Peak
4	2290.00	76.36	48.52	-27.84	-27.48	76.00	Peak
5	3680.00	74.50	48.27	-26.23	-31.73	80.00	Peak
6	3740.00	70.42	44.32	-26.10	-35.68	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	OV2715_V-F / Moto with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



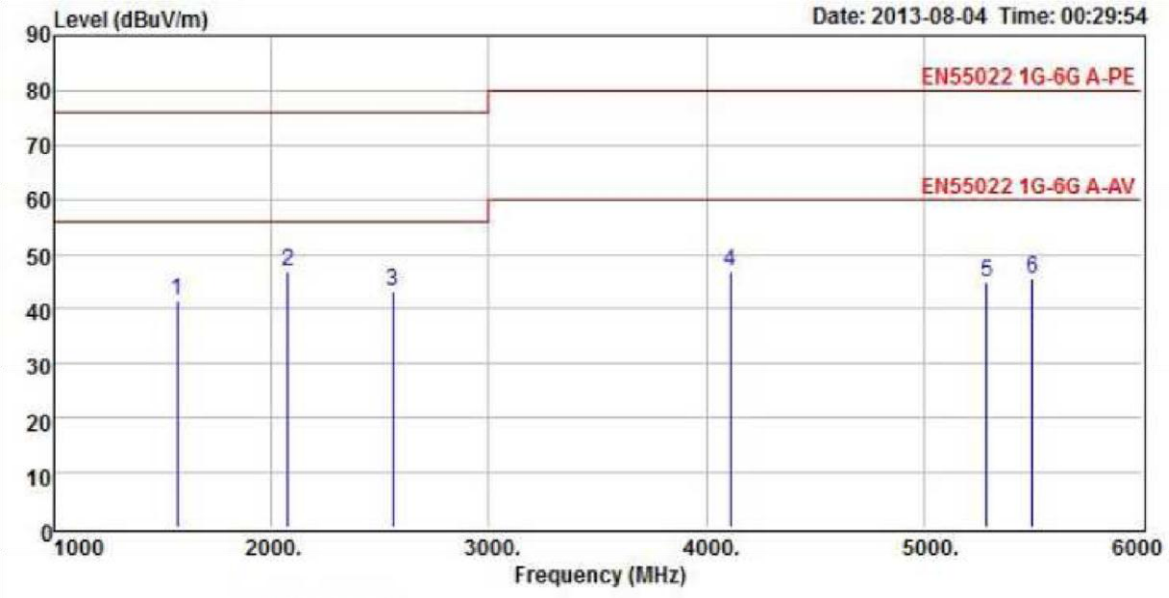
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1532.00	68.50	38.38	-30.12	-37.62	76.00	Peak
2	1712.00	70.13	40.86	-29.27	-35.14	76.00	Peak
3	2033.00	68.88	40.97	-27.91	-35.03	76.00	Peak
4	2270.00	68.51	40.67	-27.84	-35.33	76.00	Peak
5	3723.00	72.94	46.80	-26.14	-33.20	80.00	Peak
6	4100.00	70.52	44.70	-25.82	-35.30	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



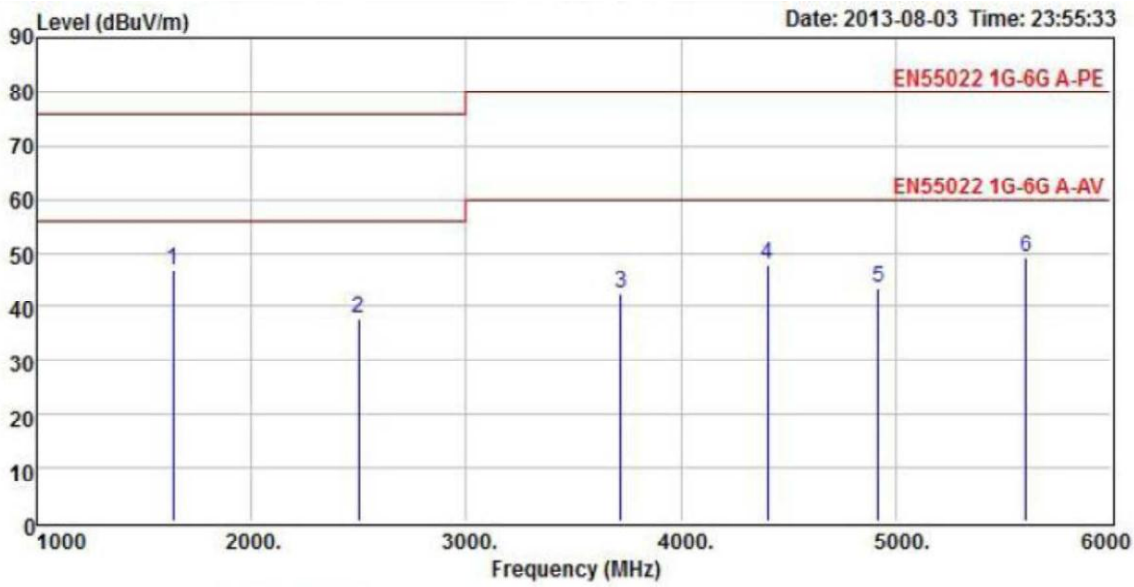
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1912.00	68.14	39.81	-28.33	-36.19	76.00	Peak
2	2530.00	68.86	41.15	-27.71	-34.85	76.00	Peak
3	3503.00	66.29	39.67	-26.62	-40.33	80.00	Peak
4	3700.00	64.83	38.64	-26.19	-41.36	80.00	Peak
5	4483.00	71.18	44.27	-26.91	-35.73	80.00	Peak
6	4910.00	66.13	40.18	-25.95	-39.82	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	Outdoor Vari-Focal/Motorized Lens with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1568.00	71.33	41.38	-29.95	-34.62	76.00	Peak
2	2077.00	74.87	46.97	-27.90	-29.03	76.00	Peak
3	2560.00	70.76	43.10	-27.66	-32.90	76.00	Peak
4	4111.00	72.54	46.70	-25.84	-33.30	80.00	Peak
5	5288.00	70.45	44.75	-25.70	-35.25	80.00	Peak
6	5500.00	71.32	45.65	-25.67	-34.35	80.00	Peak

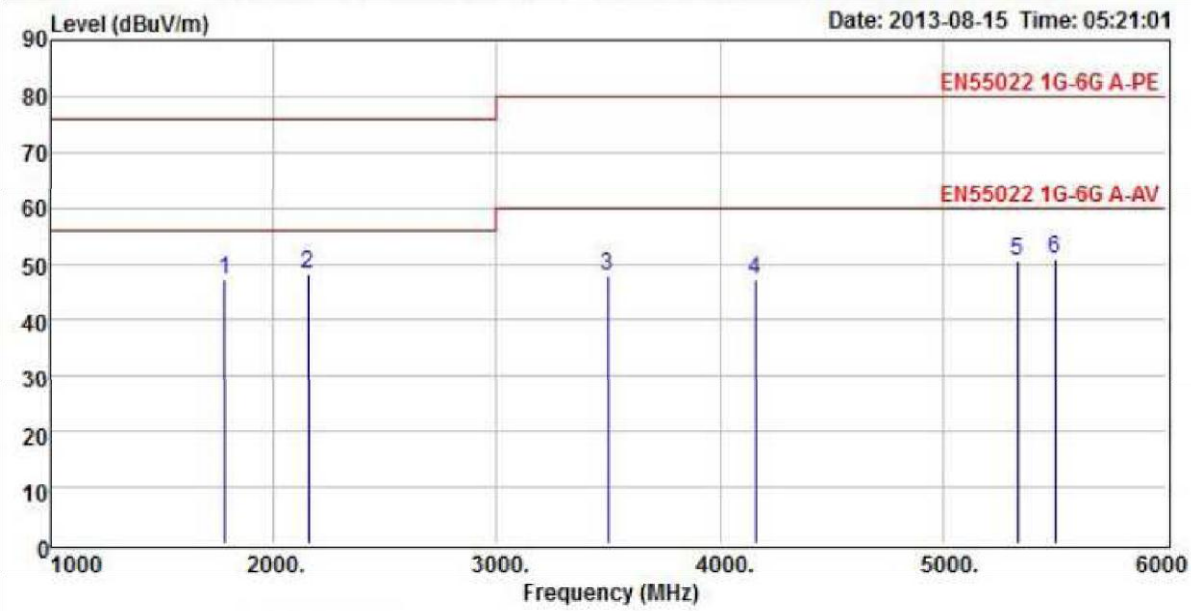
Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	OV2715_V-F / Moto with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 03, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1635.00	76.38	46.75	-29.63	-29.25	76.00	Peak
2	2500.00	65.50	37.72	-27.78	-38.28	76.00	Peak
3	3721.00	68.78	42.64	-26.14	-37.36	80.00	Peak
4	4406.00	74.46	47.78	-26.68	-32.22	80.00	Peak
5	4921.00	69.43	43.51	-25.92	-36.49	80.00	Peak
6	5608.00	75.00	49.33	-25.67	-30.67	80.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	27℃

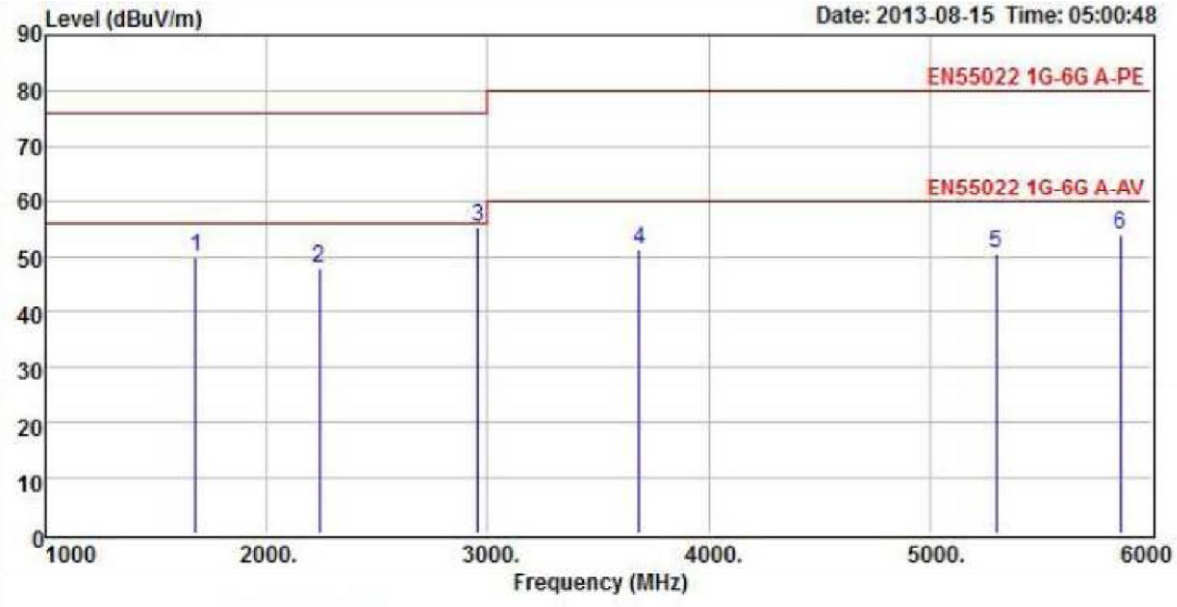
Test Date:	Aug. 15, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1782.00	76.27	47.33	-28.94	-28.67	76.00	Peak
2	2156.00	76.06	48.19	-27.87	-27.81	76.00	Peak
3	3499.00	74.61	47.98	-26.63	-32.02	80.00	Peak
4	4162.00	73.33	47.34	-25.99	-32.66	80.00	Peak
5	5335.00	76.36	50.66	-25.70	-29.34	80.00	Peak
6	5505.00	76.40	50.74	-25.66	-29.26	80.00	Peak

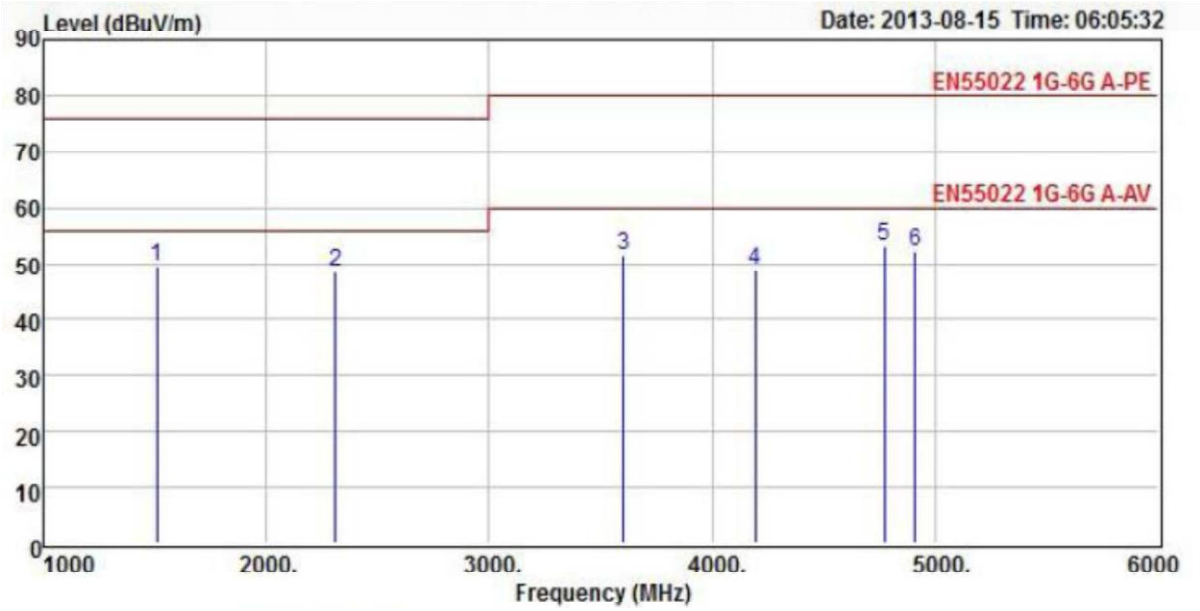
Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL

Test Mode:	9P006_3X Zoom with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



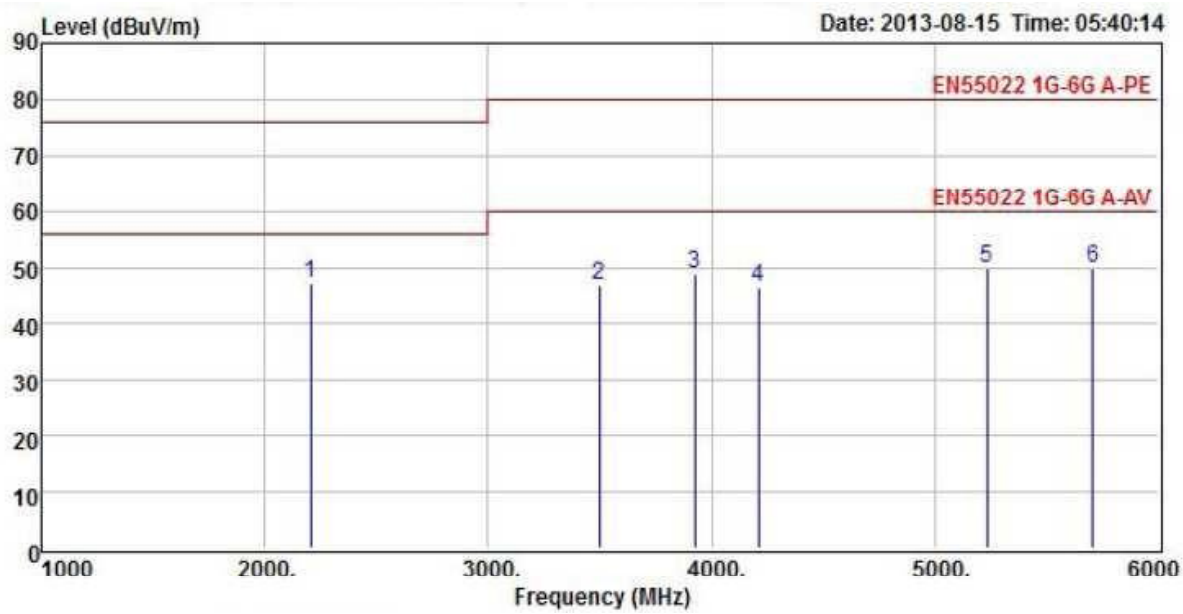
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1680.00	79.17	49.75	-29.42	-26.25	76.00	Peak
2	2241.00	75.74	47.89	-27.85	-28.11	76.00	Peak
3	2955.00	82.19	55.34	-26.85	-20.66	76.00	Peak
4	3686.00	77.49	51.27	-26.22	-28.73	80.00	Peak
5	5301.00	76.32	50.62	-25.70	-29.38	80.00	Peak
6	5862.00	79.44	53.76	-25.68	-26.24	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



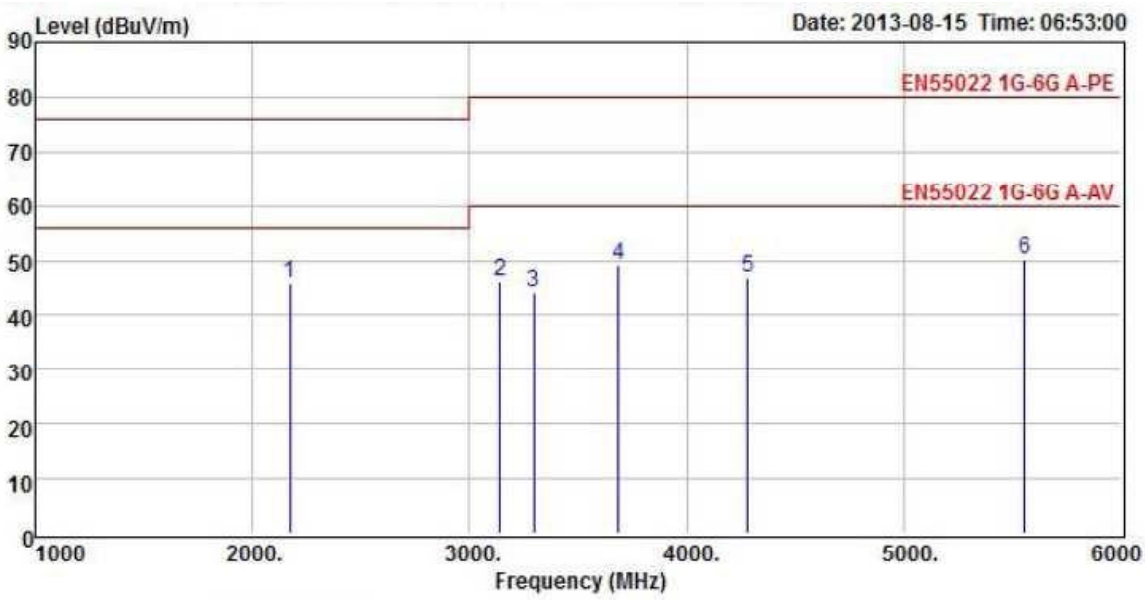
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1510.00	79.60	49.38	-30.22	-26.62	76.00	Peak
2	2309.00	76.35	48.52	-27.83	-27.48	76.00	Peak
3	3601.00	78.01	51.60	-26.41	-28.40	80.00	Peak
4	4196.00	75.09	49.01	-26.08	-30.99	80.00	Peak
5	4774.00	79.52	53.23	-26.29	-26.77	80.00	Peak
6	4910.00	78.31	52.36	-25.95	-27.64	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_3X Zoom with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



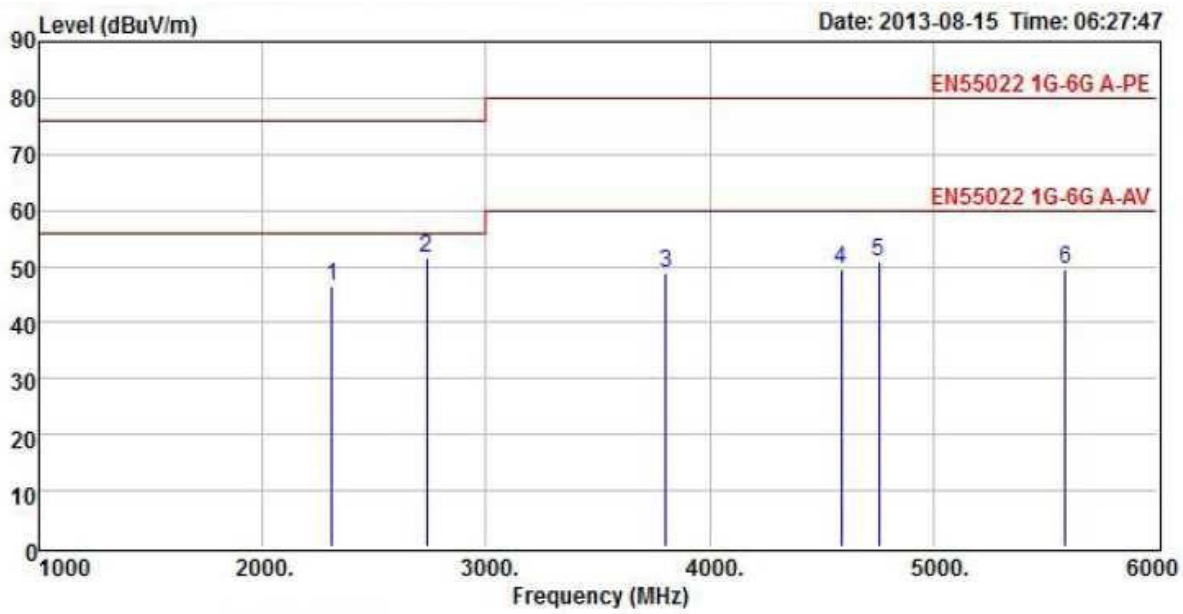
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2207.00	74.88	47.02	-27.86	-28.98	76.00	Peak
2	3499.00	73.61	46.98	-26.63	-33.02	80.00	Peak
3	3924.00	74.53	48.84	-25.69	-31.16	80.00	Peak
4	4213.00	72.57	46.44	-26.13	-33.56	80.00	Peak
5	5233.00	75.55	49.84	-25.71	-30.16	80.00	Peak
6	5709.00	75.38	49.70	-25.68	-30.30	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%



Power:	POE Adaptor	Pol/Phase:	VERTICAL
Test Mode:	9P006_3X Zoom with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 15, 2013	Humidity:	65%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2173.00	73.64	45.77	-27.87	-30.23	76.00	Peak
2	3142.00	72.72	46.00	-26.72	-34.00	80.00	Peak
3	3295.00	70.89	44.20	-26.69	-35.80	80.00	Peak
4	3686.00	75.35	49.13	-26.22	-30.87	80.00	Peak
5	4281.00	73.24	46.91	-26.33	-33.09	80.00	Peak
6	5556.00	75.99	50.32	-25.67	-29.68	80.00	Peak

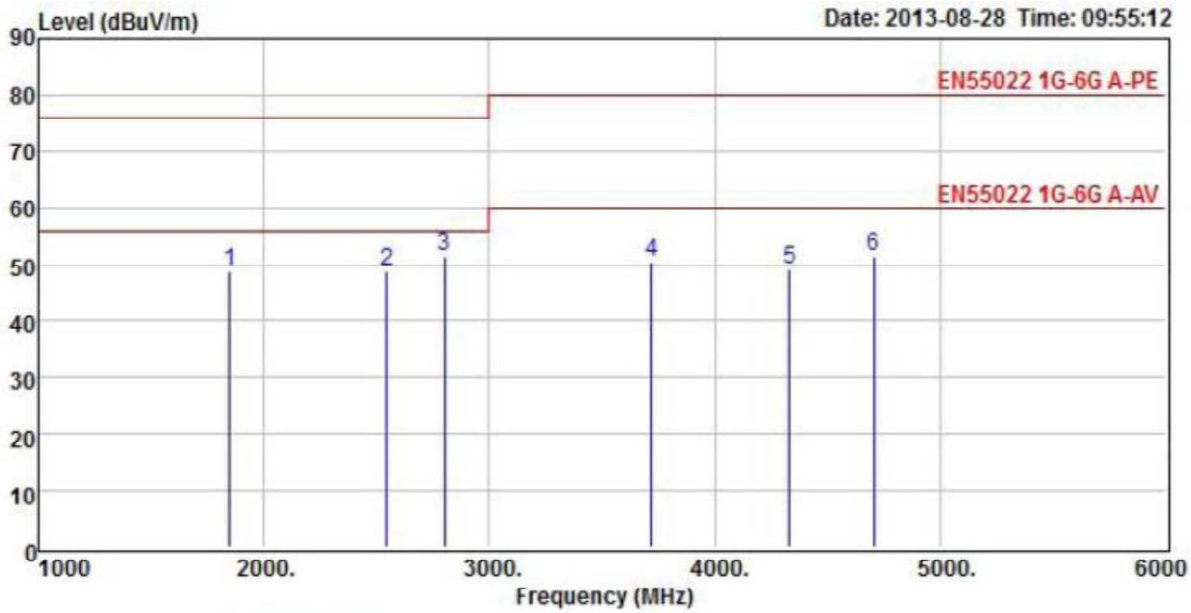


Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	27℃

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2309.00	74.46	46.63	-27.83	-29.37	76.00	Peak
2	2734.00	78.77	51.46	-27.31	-24.54	76.00	Peak
3	3805.00	74.89	48.94	-25.95	-31.06	80.00	Peak
4	4587.00	76.15	49.41	-26.74	-30.59	80.00	Peak
5	4757.00	77.14	50.82	-26.32	-29.18	80.00	Peak
6	5590.00	75.16	49.49	-25.67	-30.51	80.00	Peak

Test Date:	Aug. 28, 2013	Humidity:	65%

Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL

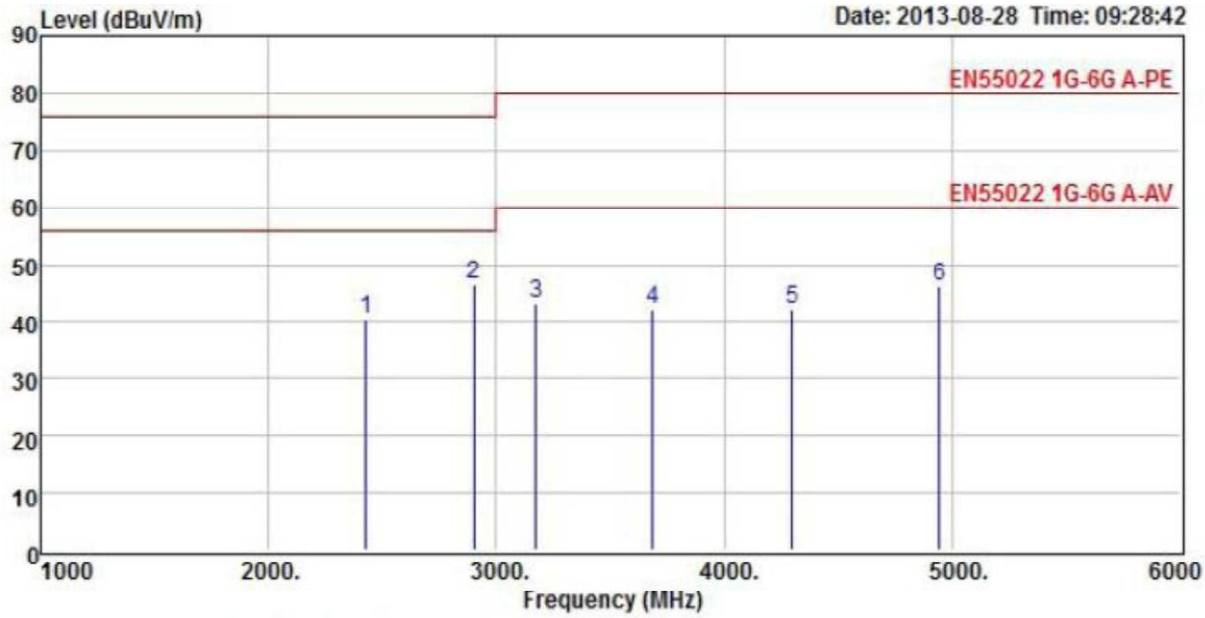


Test Mode:	AR0331_V-F / MOTO with DC 12V Adaptor	Temperature:	27℃

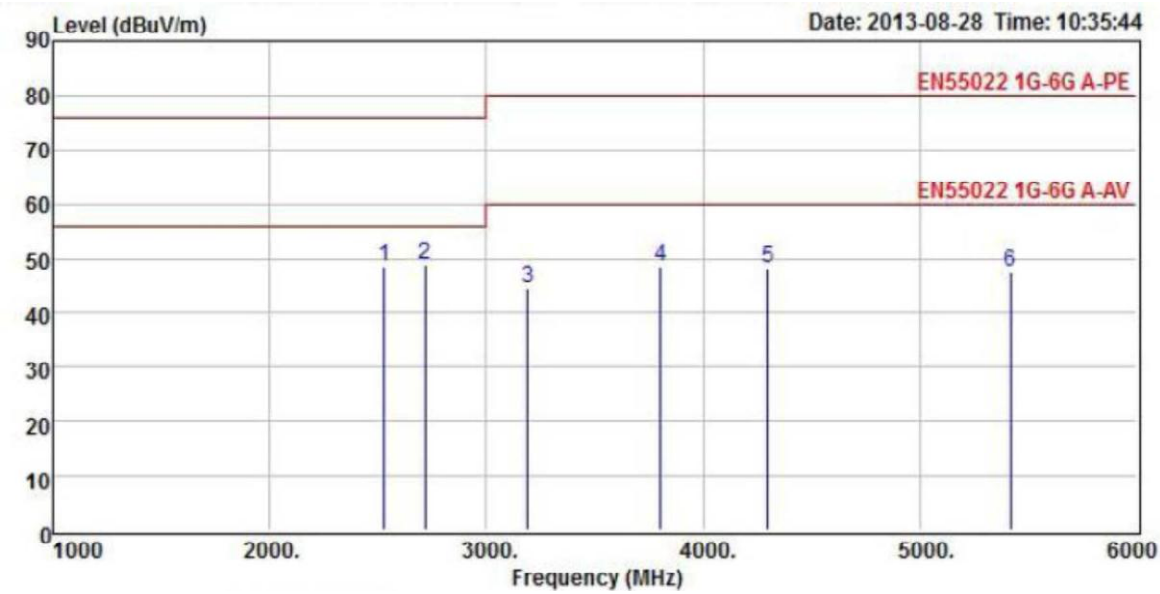
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1850.00	77.39	48.76	-28.63	-27.24	76.00	Peak
2	2547.00	76.57	48.88	-27.69	-27.12	76.00	Peak
3	2802.00	78.71	51.54	-27.17	-24.46	76.00	Peak
4	3720.00	76.63	50.48	-26.15	-29.52	80.00	Peak
5	4332.00	75.71	49.24	-26.47	-30.76	80.00	Peak
6	4706.00	77.85	51.39	-26.46	-28.61	80.00	Peak

Test Date:	Aug. 28, 2013	Humidity:	65%

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 28, 2013	Humidity:	65%



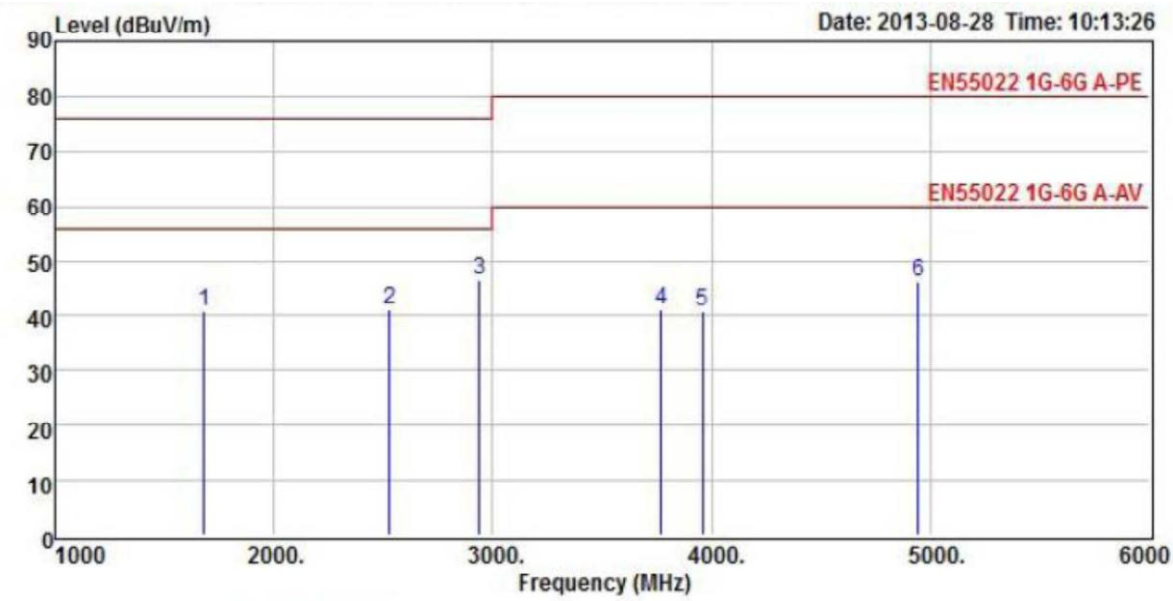
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2428.00	68.37	40.57	-27.80	-35.43	76.00	Peak
2	2904.00	73.59	46.63	-26.96	-29.37	76.00	Peak
3	3176.00	69.98	43.27	-26.71	-36.73	80.00	Peak
4	3686.00	68.49	42.27	-26.22	-37.73	80.00	Peak
5	4298.00	68.42	42.04	-26.38	-37.96	80.00	Peak
6	4944.00	72.05	46.18	-25.87	-33.82	80.00	Peak



Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	AR0331_V-F / MOTO with AC 24V Adaptor	Temperature:	27℃

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2530.00	76.38	48.67	-27.71	-27.33	76.00	Peak
2	2717.00	76.22	48.88	-27.34	-27.12	76.00	Peak
3	3193.00	71.10	44.38	-26.72	-35.62	80.00	Peak
4	3805.00	74.50	48.55	-25.95	-31.45	80.00	Peak
5	4298.00	74.73	48.35	-26.38	-31.65	80.00	Peak
6	5420.00	73.08	47.40	-25.68	-32.60	80.00	Peak

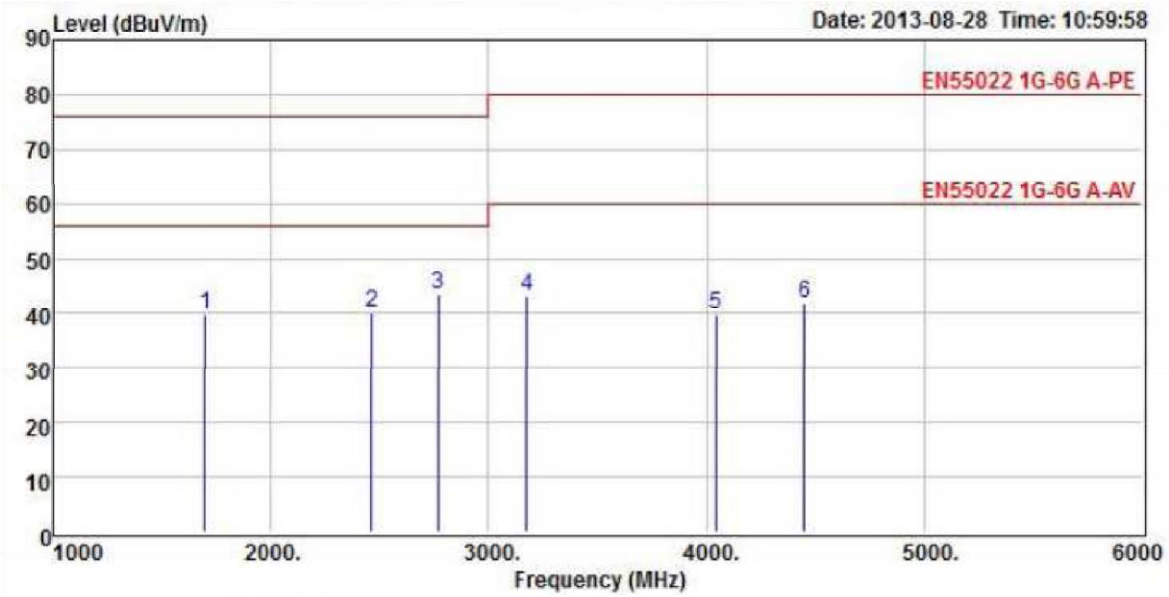
Test Date:	Aug. 28, 2013	Humidity:	65%



Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	27℃

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1680.00	70.17	40.75	-29.42	-35.25	76.00	Peak
2	2530.00	68.82	41.11	-27.71	-34.89	76.00	Peak
3	2938.00	73.54	46.64	-26.90	-29.36	76.00	Peak
4	3771.00	67.27	41.24	-26.03	-38.76	80.00	Peak
5	3958.00	66.49	40.88	-25.61	-39.12	80.00	Peak
6	4944.00	72.05	46.18	-25.87	-33.82	80.00	Peak

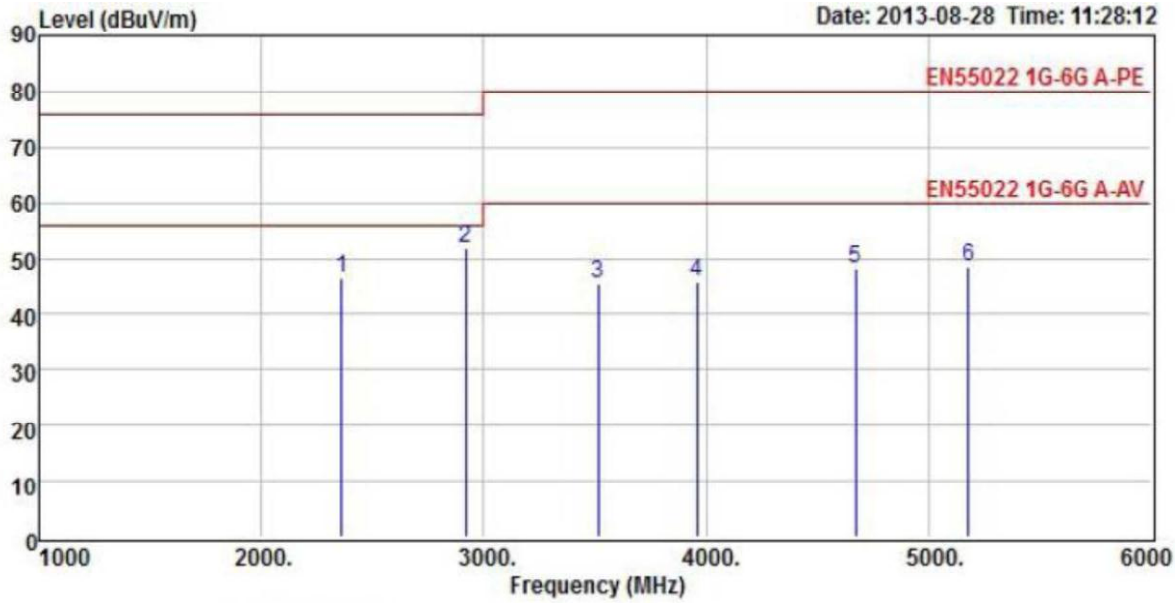
Test Date:	Aug. 28, 2013	Humidity:	65%



Power:	POE Adaptor	Pol/Phase:	VERTICAL

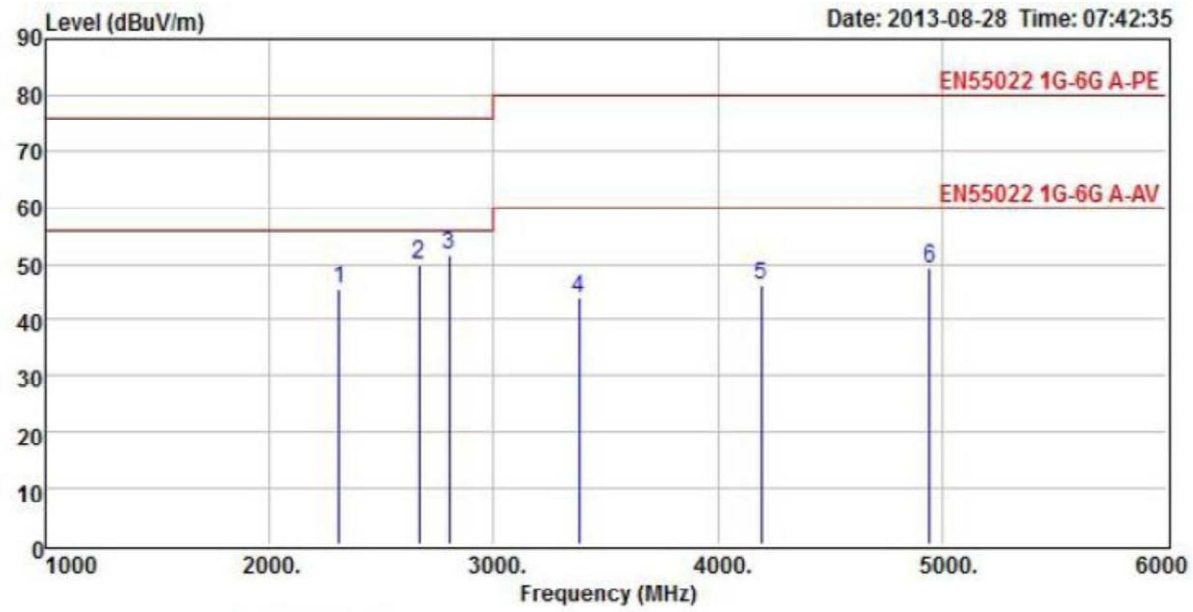
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	1697.00	69.28	39.93	-29.35	-36.07	76.00	Peak
2	2462.00	67.86	40.07	-27.79	-35.93	76.00	Peak
3	2768.00	70.84	43.61	-27.23	-32.39	76.00	Peak
4	3176.00	69.98	43.27	-26.71	-36.73	80.00	Peak
5	4043.00	65.51	39.86	-25.65	-40.14	80.00	Peak
6	4451.00	68.59	41.78	-26.81	-38.22	80.00	Peak

Test Mode:	AR0331_V-F / MOTO with POE Adaptor	Temperature:	27℃
Test Date:	Aug. 28, 2013	Humidity:	65%



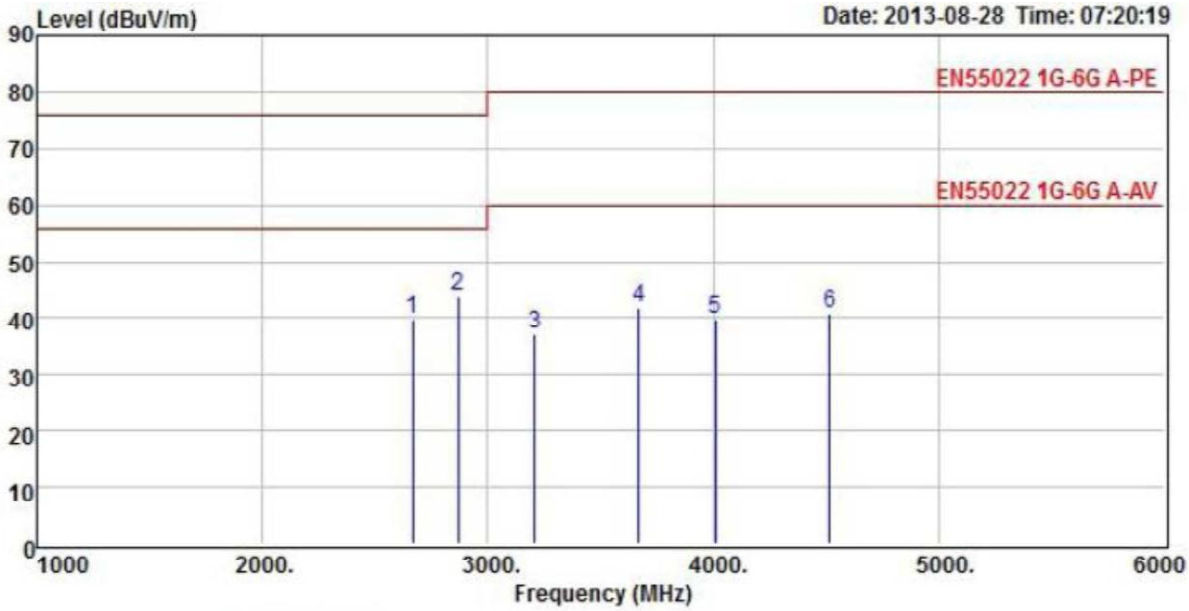
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2360.00	74.26	46.45	-27.81	-29.55	76.00	Peak
2	2921.00	78.72	51.79	-26.93	-24.21	76.00	Peak
3	3516.00	72.21	45.62	-26.59	-34.38	80.00	Peak
4	3958.00	71.61	46.00	-25.61	-34.00	80.00	Peak
5	4672.00	74.69	48.15	-26.54	-31.85	80.00	Peak
6	5182.00	74.28	48.56	-25.72	-31.44	80.00	Peak

Power:	DC 12V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 28, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2309.00	73.35	45.52	-27.83	-30.48	76.00	Peak
2	2666.00	77.33	49.88	-27.45	-26.12	76.00	Peak
3	2802.00	78.71	51.54	-27.17	-24.46	76.00	Peak
4	3380.00	70.64	43.98	-26.66	-36.02	80.00	Peak
5	4196.00	72.09	46.01	-26.08	-33.99	80.00	Peak
6	4944.00	74.97	49.10	-25.87	-30.90	80.00	Peak

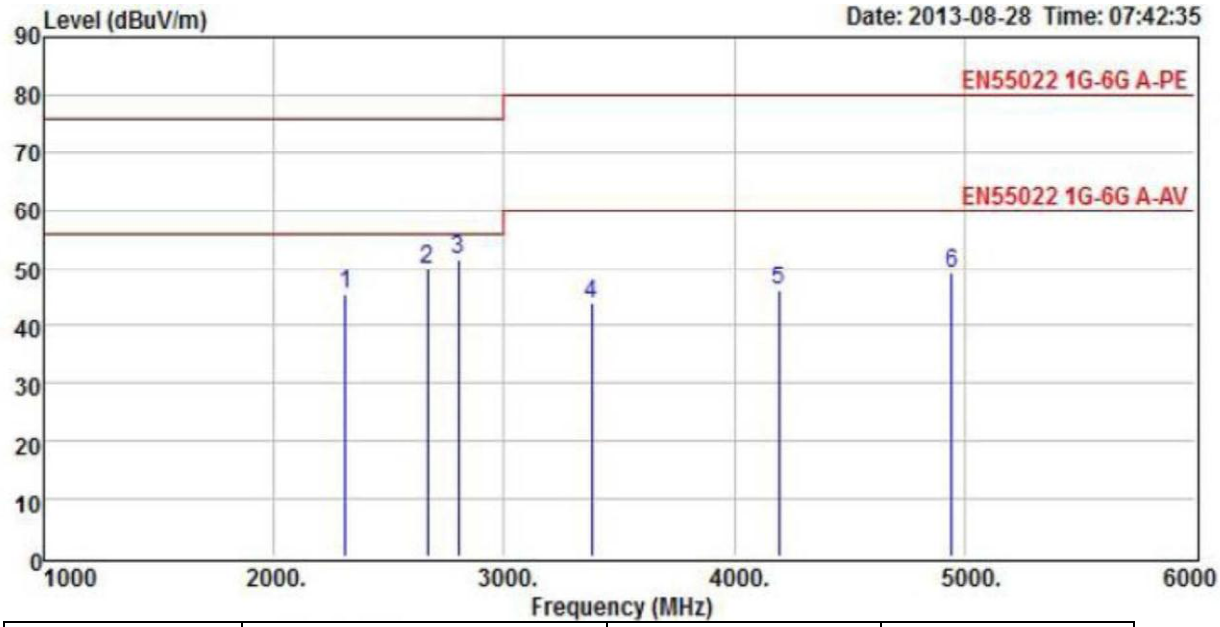
Power:	DC 12V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	IMX036_3X ZOOM with DC 12V Adaptor	Temperature:	27℃
Test Date:	Aug. 28, 2013	Humidity:	65%



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2666.00	67.22	39.77	-27.45	-36.23	76.00	Peak
2	2870.00	70.91	43.87	-27.04	-32.13	76.00	Peak
3	3210.00	63.81	37.10	-26.71	-42.90	80.00	Peak
4	3669.00	68.21	41.95	-26.26	-38.05	80.00	Peak
5	4009.00	65.44	39.88	-25.56	-40.12	80.00	Peak
6	4519.00	67.87	40.96	-26.91	-39.04	80.00	Peak

Power:	AC 24V Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	27℃
Test Date:	Aug. 28, 2013	Humidity:	65%

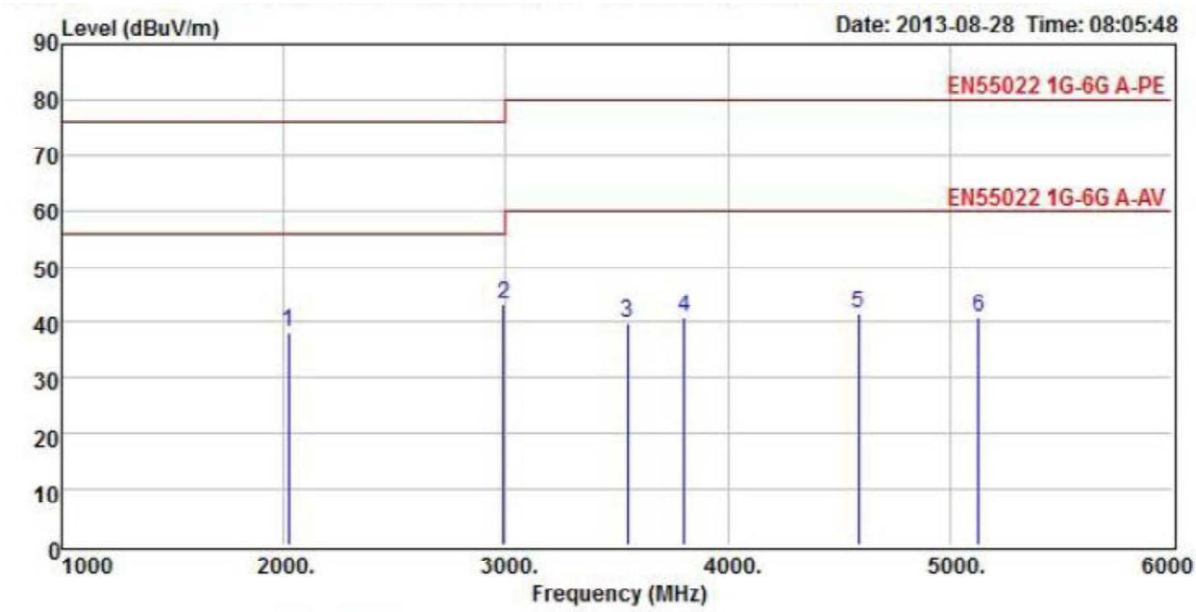
Power:	AC 24V Adaptor	Pol/Phase:	VERTICAL
Test Mode:	IMX036_3X ZOOM with AC 24V Adaptor	Temperature:	27℃



Test Date:	Aug. 28, 2013	Humidity:	65%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2309.00	73.35	45.52	-27.83	-30.48	76.00	Peak
2	2666.00	77.33	49.88	-27.45	-26.12	76.00	Peak
3	2802.00	78.71	51.54	-27.17	-24.46	76.00	Peak
4	3380.00	70.64	43.98	-26.66	-36.02	80.00	Peak
5	4196.00	72.09	46.01	-26.08	-33.99	80.00	Peak
6	4944.00	74.97	49.10	-25.87	-30.90	80.00	Peak

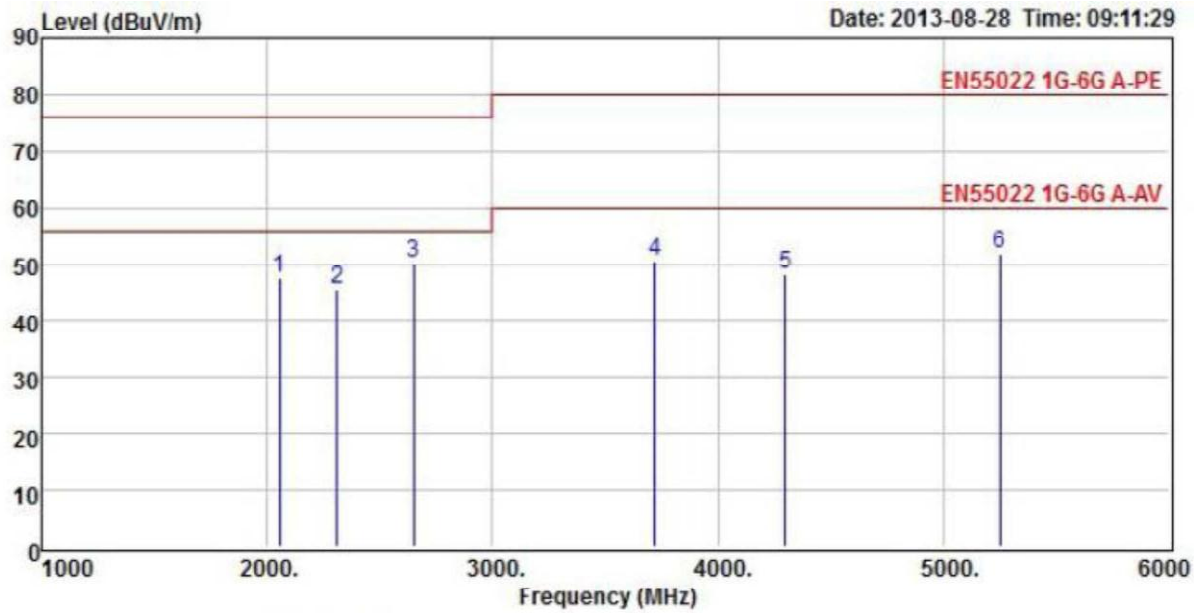
Power:	POE Adaptor	Pol/Phase:	HORIZONTAL
Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	27℃



Test Date:	Aug. 28, 2013	Humidity:	65%

	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2020.00	66.04	38.13	-27.91	-37.87	76.00	Peak
2	2989.00	69.97	43.17	-26.80	-32.83	76.00	Peak
3	3550.00	66.19	39.67	-26.52	-40.33	80.00	Peak
4	3805.00	66.89	40.94	-25.95	-39.06	80.00	Peak
5	4587.00	68.15	41.41	-26.74	-38.59	80.00	Peak
6	5131.00	66.63	40.91	-25.72	-39.09	80.00	Peak

Power:	POE Adaptor	Pol/Phase:	VERTICAL



Test Mode:	IMX036_3X ZOOM with POE Adaptor	Temperature:	27℃

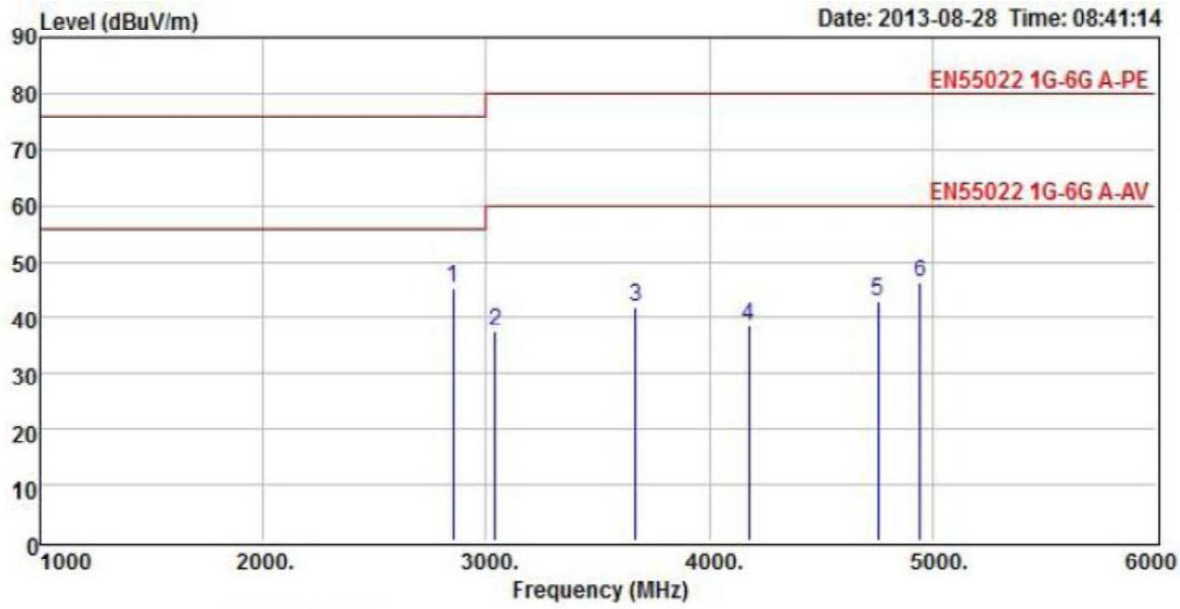
	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2054.00	75.51	47.60	-27.91	-28.40	76.00	Peak
2	2309.00	73.35	45.52	-27.83	-30.48	76.00	Peak
3	2649.00	77.78	50.31	-27.47	-25.69	76.00	Peak
4	3720.00	76.63	50.48	-26.15	-29.52	80.00	Peak
5	4298.00	74.73	48.35	-26.38	-31.65	80.00	Peak
6	5250.00	77.45	51.75	-25.70	-28.25	80.00	Peak

Test Date:	Aug. 28, 2013	Humidity:	65%

4.6 TEST PHOTO

Below 1GHz

DC 12V



	Freq	Read Level	Level	Factor	Over Limit	Limit Line	Remark
	MHz	dBuV	dBuV/m	dB/m	dB	dBuV/m	
1	2853.00	72.29	45.22	-27.07	-30.78	76.00	Peak
2	3040.00	64.07	37.31	-26.76	-42.69	80.00	Peak
3	3669.00	68.21	41.95	-26.26	-38.05	80.00	Peak
4	4179.00	64.44	38.40	-26.04	-41.60	80.00	Peak
5	4757.00	69.14	42.82	-26.32	-37.18	80.00	Peak
6	4944.00	72.05	46.18	-25.87	-33.82	80.00	Peak

Front View

Rear View

AC 24V

Front View

Rear View

POE

Front View

Rear View

Above 1GHz

DC 12V

Front View

Rear View

AC 24V

Front View

Rear View

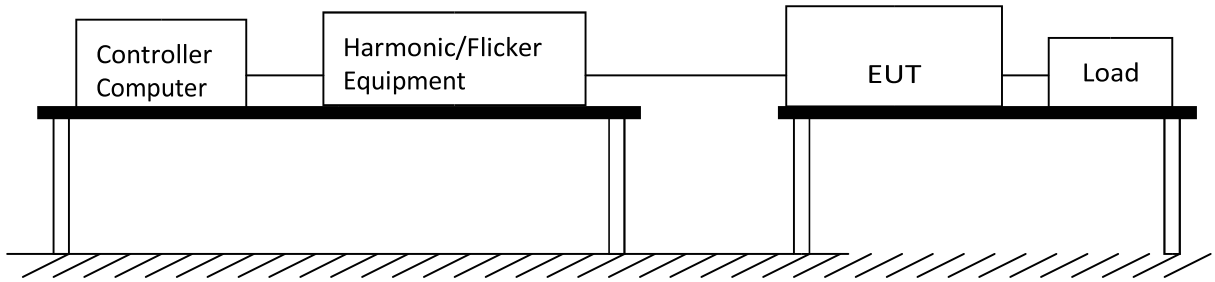
POE

Front View

Rear View

5. POWER HARMONIC MEASUREMENT

5.1 TEST SETUP



5.2 LIMIT OF HARMONIC CURRENT

Limit of Harmonic Currents

Harmonic Order	Maximum Permissible Harmonic Current (Ampere)	Harmonic Order	Maximum Permissible Harmonic Current (Ampere)
Odd Harmonic		Even Harmonic	
3	2.30	2	1.08
5	1.14	4	0.43
7	0.77	6	0.30
9	0.40	8 ≤ n ≤ 40	0.23 x 8/n
11	0.33		
13	0.21		
15≤ n (39)	0.15 x 15/n		

5.3 TEST PROCEDURE

The EUT is supplied in series with power analyzer from a power source has the same normal voltage and frequency as the rated supply voltage and the equipment under test. The rated voltage at the supply voltage of EUT of 0.94 time and 1.06 times shall be performed.

5.4 TEST SPECIFICATION

According to EN 61000-3-2
(Please refer to Page 4 for dated references which are related to the standard

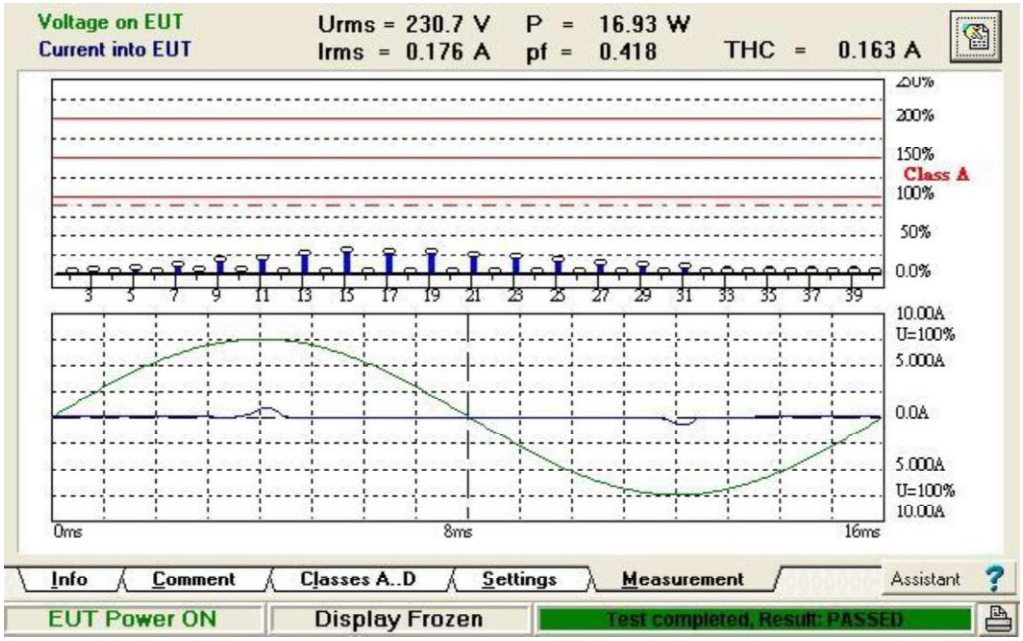
5.5 TEST RESULT: PASSED

5.6 TEST DATA:

Urms = 230.7V Freq = 60.019 Range: 10 A
Irms = 0.176A Ipk = 0.840A cf = 4.778
P = 16.93W S = 40.55VA pf = 0.418
THDi = 89.3 % THDu = 0.20 % Class A

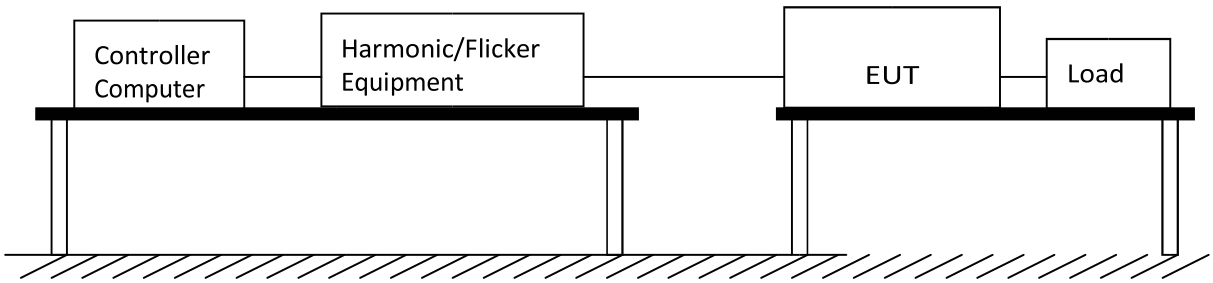
Test completed, Result: PASSED

Order	Freq. [Hz]	Iavg [A]	Irms [A]	Imax [A]	Limit [A]	Status
1	60	0.0827	0.0824	0.0854		
2	120	0.0067	0.0067	0.0073	1.0800	
3	180	0.0671	0.0665	0.0702	2.3000	
4	240	0.0068	0.0067	0.0073	0.4300	
5	300	0.0654	0.0653	0.0684	1.1400	
6	360	0.0062	0.0061	0.0067	0.3000	
7	420	0.0623	0.0623	0.0647	0.7700	
8	480	0.0059	0.0061	0.0067	0.2300	
9	540	0.0582	0.0580	0.0604	0.4000	
10	600	0.0052	0.0055	0.0055	0.1840	
11	660	0.0532	0.0531	0.0549	0.3300	
12	720	0.0035	0.0049	0.0049	0.1533	
13	780	0.0480	0.0476	0.0500	0.2100	
14	840	0.0000	0.0037	0.0043	0.1314	
15	900	0.0416	0.0415	0.0433	0.1500	
16	960	0.0000	0.0031	0.0037	0.1150	
17	1020	0.0360	0.0360	0.0372	0.1324	
18	1080	0.0000	0.0024	0.0024	0.1022	
19	1140	0.0299	0.0299	0.0305	0.1184	
20	1200	0.0000	0.0018	0.0018	0.0920	
21	1260	0.0239	0.0238	0.0244	0.1071	
22	1320	0.0000	0.0012	0.0012	0.0836	
23	1380	0.0189	0.0189	0.0189	0.0978	
24	1440	0.0000	0.0006	0.0006	0.0767	
25	1500	0.0141	0.0140	0.0146	0.0900	
26	1560	0.0000	0.0006	0.0006	0.0708	
27	1620	0.0104	0.0104	0.0104	0.0833	
28	1680	0.0000	0.0000	0.0006	0.0657	
29	1740	0.0067	0.0067	0.0067	0.0776	
30	1800	0.0000	0.0000	0.0000	0.0613	
31	1860	0.0049	0.0049	0.0049	0.0726	
32	1920	0.0000	0.0000	0.0006	0.0575	
33	1980	0.0000	0.0043	0.0043	0.0682	
34	2040	0.0000	0.0006	0.0006	0.0541	
35	2100	0.0000	0.0043	0.0043	0.0643	
36	2160	0.0000	0.0006	0.0006	0.0511	
37	2220	0.0000	0.0037	0.0043	0.0608	
38	2280	0.0000	0.0006	0.0006	0.0484	
39	2340	0.0000	0.0037	0.0043	0.0577	
40	2400	0.0000	0.0000	0.0006	0.0460	


Voltage on EUT
Current into EUT
Urms = 230.7 V
Irms = 0.176 A
P = 16.93 W
pf = 0.418
THC = 0.163 A
200%
150%
Class A
100%
50%
0.0%
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39
10.00A
U=100%
5.000A
0.0A
5.000A
U=100%
10.00A
0ms
8ms
16ms
Info
Comment
Classes A..D
Settings
Measurement
Assistant
EUT Power ON
Display Frozen
Test completed, Result: PASSED

6. VOLTAGE FLUCTUATIONS

6.1 TEST SETUP



6.2 VOLTAGE FLUCTUATIONS TEST

Port:	AC mains
Basic Standard:	EN61000-3-3
Test Procedure	Refer to paragraph 6.3
Observation period:	For Pst 10min
	For Plt 2 hours

6.3 TEST PROCEDURE

The EUT is supplied in series with reference impedance from a power source with the voltage and frequency as the nominal supply voltage and frequency of the EUT.

6.4 TEST SPECIFICATION

EN 61000-3-3
(Please refer to Page 4 for dated references which are related to the standard as mentioned above)

6.5 RESULT: PASSED

6.6 TEST DATA:

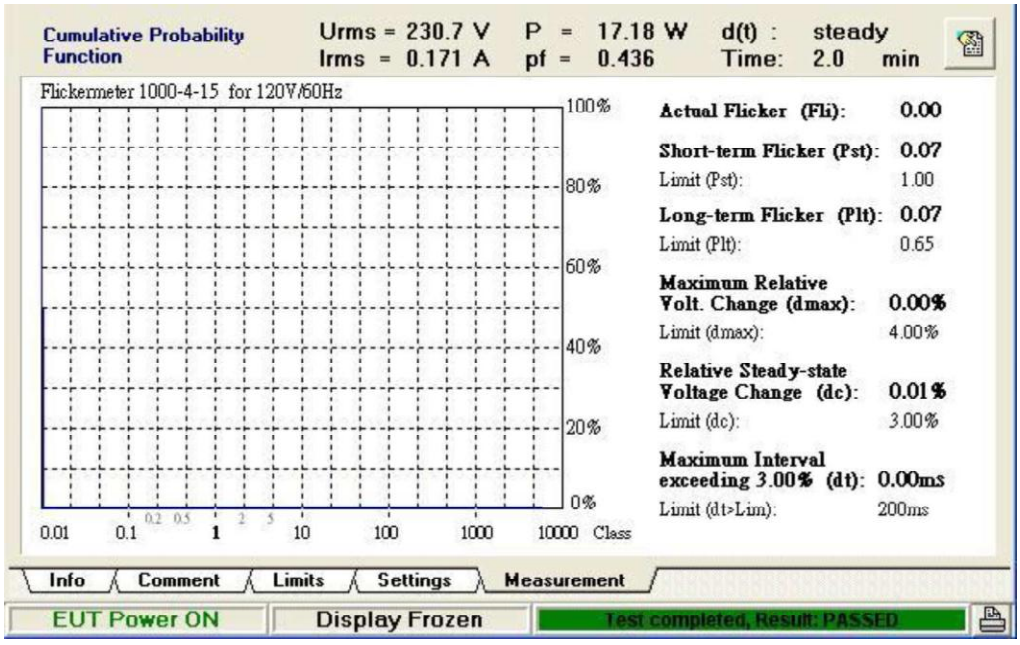
Urms = 230.7V Freq = 59.981 Range: 25 A
Irms = 0.171A Ipk = 0.806A cf = 4.714
P = 17.18W S = 39.43VA pf = 0.436

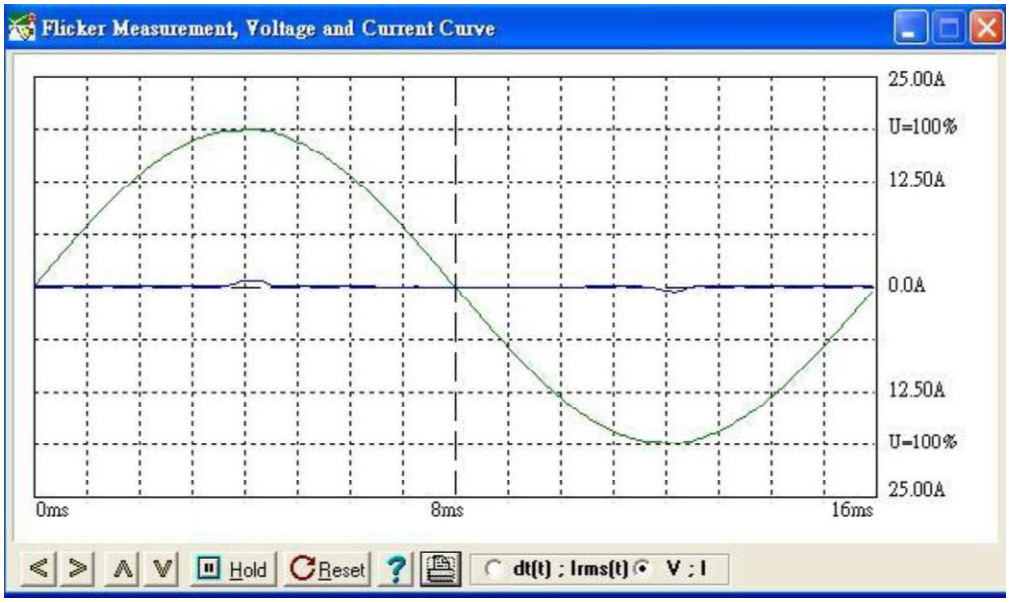
LIN (Line Impedance Network) : L: 0.24ohm +j0.15ohm N: 0.16ohm +j0.10ohm

Limits : Plt : 0.65 Pst : 1.00
dmax : 4.00 % dc : 3.00 %
dtLim: 3.00 % dt>Lim: 200ms

Test completed, Result: PASSED

	dmax [%]
1	0.000
2	0.000
3	0.000
4	0.000
5	0.000



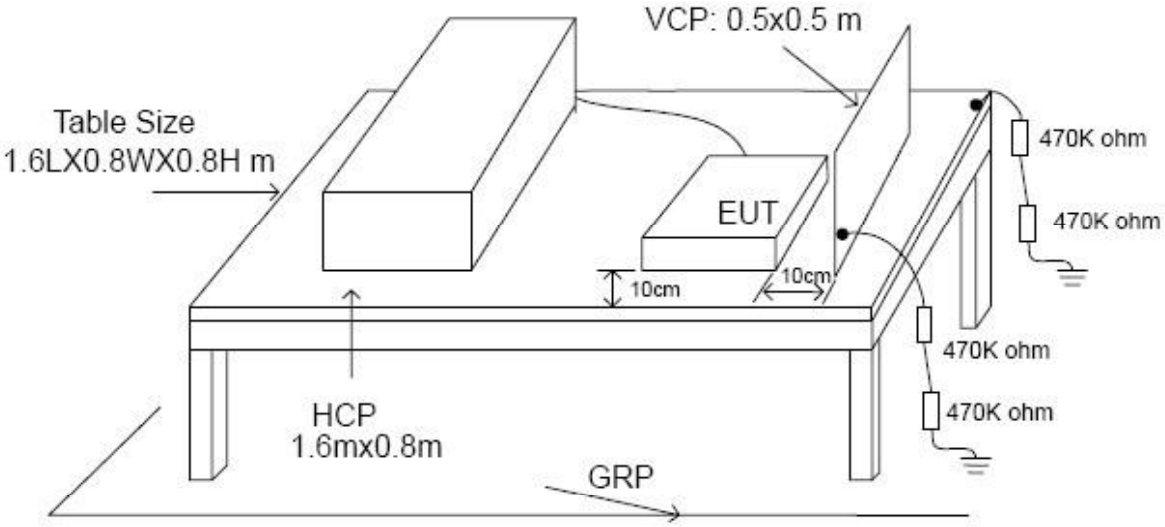

Flicker Measurement, Voltage and Current Curve
25.00A
U=100%
12.50A
0.0A
12.50A
U=100%
25.00A
0ms
8ms
16ms
Hold
Reset
dt(t) ; Irms(t)
V ; I

7. ELECTROSTATIC DISCHARGE IMMUNITY TEST (ESD)

7.1 TEST PROCEDURE

a. Test programs and software shall be chosen so as to exercise all normal modes of operation of the EUT. The use of special exercising is encouraged, but permitted only where it can be shown that the EUT is being comprehensively exercised.
b. The test voltage shall be increased from the minimum to the selected test severity level, in order to determine any threshold of failure. The final severity level should not exceed the product specification value in order to avoid damage to the equipment.
c. The test shall be performed with both air discharge and contact discharge. On reselected points at least 10 single discharges (in the most sensitive polarity) shall be applied on air discharge. On reselected points at least 25 single discharges (in the most sensitive polarity) shall be applied on contact discharge.
d. For the time interval between successive single discharges an initial value of one second is recommended. Longer intervals may be necessary to determine whether a system failure has occurred.
e. In the case of contact discharges, the tip of the discharge electrode shall tough the EUT before the discharge switch is operated.
f. In the case of painted surface covering a conducting substrate, the following procedure shall be adopted:
    1) If the coating is not declared to be an insulating coating by the equipment manufacturer, then the pointed tip of the generator shall penetrate the coating so as to make contact with the conducting substrate.
    2) Coating declared as insulating by the manufacturer shall only be submitted to the air discharge.
    3) The contact discharge test shall not be applied to such surfaces.
g. In the case of air discharges, the round discharge tip of the discharge electrode shall be approached as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator (discharge electrode) shall be removed from the EUT. The generator is then retriggered for a new single discharge. This procedure shall be repeated until the discharges are completed. In the case of an air discharge test, the discharge switch, which is used for contact discharge, shall be closed.

7.2 TEST SETUP



The test setup consists of the test generator, EUT and auxiliary instrumentation necessary to perform DIRECT and INDIRECT application of discharges to the EUT as applicable, in the follow manner:

a. Contact Discharge to the conductive surfaces and to coupling plane:

b. Air Discharge at insulating surfaces.

The preferred test method is that of type tests performed in laboratories and the only accepted method of demonstrating conformance with this standard. The EUT was arranged as closely as possible to arrangement in final installed conditions.

A ground reference plane was provided on the floor of the test site. It was a metallic sheet (copper or aluminum) of 0.25 mm, minimum thickness; other metallic may be used but they shall stainless steel ground reference plane. The minimum size of the ground reference plane is 2.5 m x 2.5 m, the exact size depending on the dimensions of the EUT. It was connected to the protective grounding system.

The EUT was arranged and connected according to its functional requirements. A distance of 1, minimum was provided between the EUT and the wall of the lab and any other metallic structure. In cases where this length exceeds the length necessary to apply the discharges to the selected points, the excess length shall, where possible, be placed non-inductively off the ground reference plane and shall not come closer than 0.2m to other conductive parts in the test setup. Where the EUT is installed on a metal table, the table was connected to the reference plane via a cable with a 470k ohm resister located at each end, to prevent a build-up of charge. The test setup was consist a wooden table, 0.8m high, standing on the ground reference plane, A HCP, 1.6 m x 0.8 m, was placed on the table. The EUT and cables was isolated from the HCB by an insulating support 0.5 mm thick. The VCP size, 0.5 m x 0.5 m.

7.3 TEST LEVEL

Contact Discharge	Air Discharge

Level	Test voltage (KV) of Contact discharge	Level	Test voltage (KV) of Air discharge
1	±2	1	±2
2	±4	2	±4
3	±6	3	±8
4	±8	4	±15
X	Specified	X	Specified
Remark: X"is"an open level.			

7.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-2

Temperature: 24℃

Humidity: 43% RH

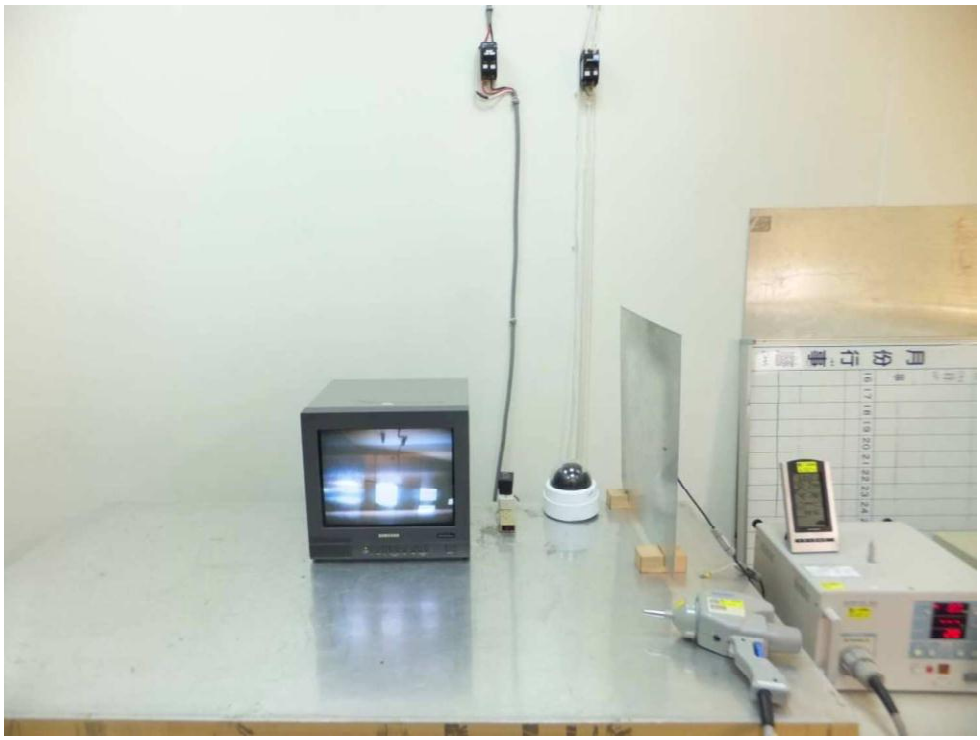
	Contact Discharge						Air Discharge					
	25 times/each						10 times/each					
Voltage	2KV		4KV		6KV		2KV		4KV		8KV	
Point\Polarity	+	-	+	-	+	-	+	-	+	-	+	-
HCP	A	A	A	A	A	A	/	/	/	/	/	/
VCP	A	A	A	A	A	A	/	/	/	/	/	/
CASE	/	/	/	/	/	/	A	A	A	A	A	A
SCREWS	A	A	A	A	A	A	/	/	/	/	/	/
IO	A	A	A	A	A	A	/	/	/	/	/	/
BNC	A	A	A	A	A	A	/	/	/	/	/	/

Alarm	/	/	/	/	/	/	A	A	A	A	A	A

Note: Å means the EUT function is normal working during the test.

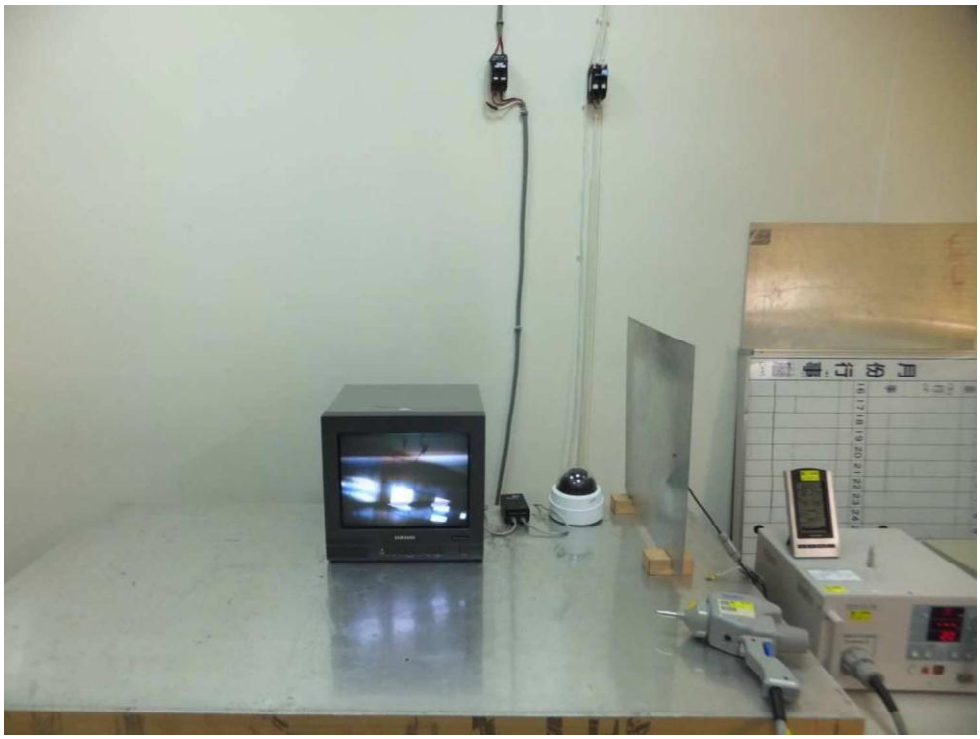
7.5 TEST PHOTO

DC 12V



AC 24V

POE

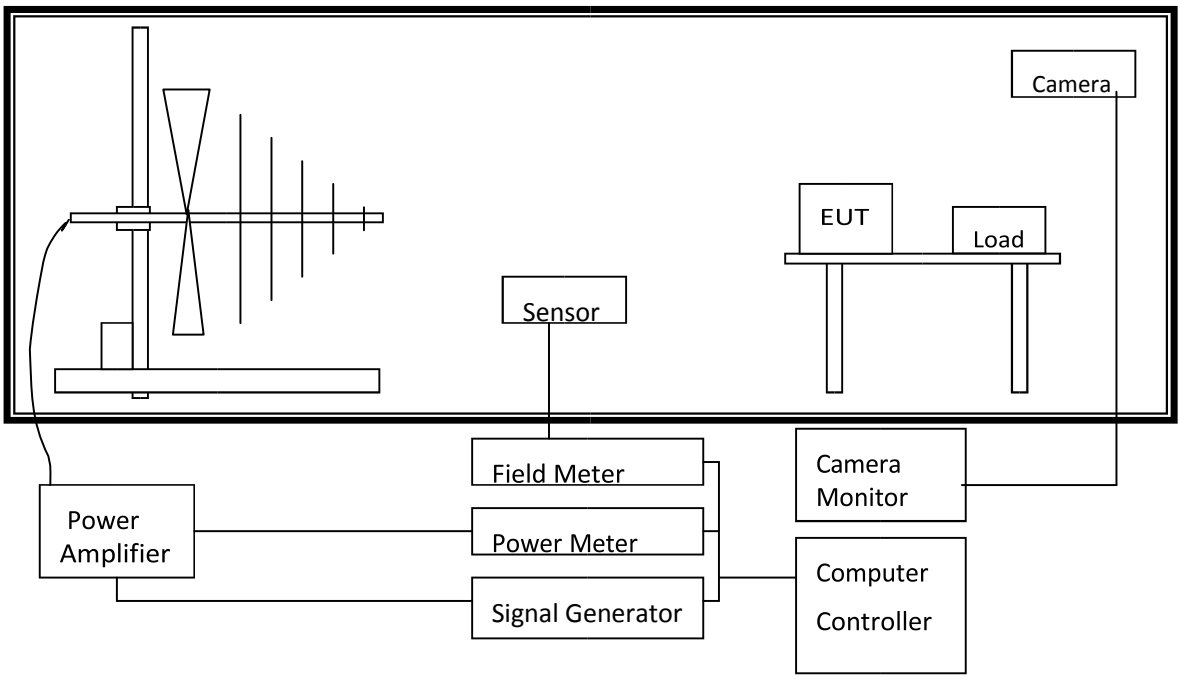


8. RADIATED SUSCEPTIBILITY MEASUREMENT (RS)

8.1 TEST PROCEDURE

a. The equipment to be tested is placed in the center of the enclosure on a wooden table. The equipment is then connected to power and signal leads according to pertinent installation instructions.
b. The antenna which is enabling the complete frequency range of 80-2700 MHz is placed 3m away from the equipment. The required filed strength is determined by placing the field strength meter(s) on top of or directly alongside the equipment under test and monitoring the field strength meter via a remote field strength indicator outside the enclosure while adjusting the continuous-wave to the applicable antennae.
c. The test is normally performed with the antenna facing the most sensitive side of the EUT. The polarization of the field generated by the bucolical antenna necessitates testing each position twice, once with the antenna positioned vertically and again with the antenna positioned horizontally. The circular polarization of the field from the log-spiral antenna makes a change of position of the antenna unnecessary.
d. At each of the above conditions, the frequency range is swept 80-2700MHz, pausing to adjust the R.F. signal level or to switch oscillators and antenna. The rate of sweep is in the order of 1.5*10-3 decades/s. The sensitive frequencies or frequencies of dominant interest may be discretely analyzed.

8.2 TEST SETUP



8.3 TEST LEVEL

Item	Test Specification	Unit
Radio Frequency	80~2700	MHz
Electromagnetic Field	10	V/m (unmodulated, rms)
Amplitude Modulated	80	%AM (1KHz)
Pulse modulation	1Hz	0.5 s ON: 0.5 s OFF

8.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-3

Temperature: 24℃

Humidity: 43% RH

Modulation: AM 80%, 1KHz sine wave, Dwell time: 3.0 S Frequency Step Size: 1 % of preceding frequency value				
Frequency (MHz)	Antenna Polarization	face	Field strength (V/m)	Result
80~2700	Vertical	Front	10 V/m	A

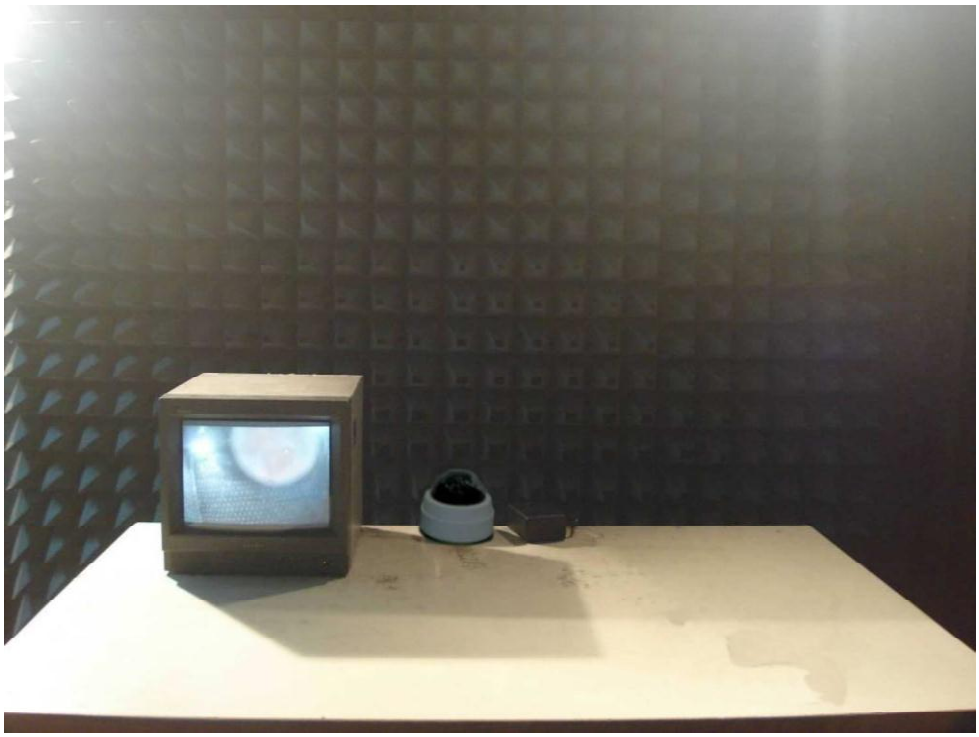
80~2700	Vertical	Rear	10 V/m	A
80~2700	Vertical	Left	10 V/m	A
80~2700	Vertical	Right	10 V/m	A
80~2700	Horizontal	Front	10 V/m	A
80~2700	Horizontal	Rear	10 V/m	A
80~2700	Horizontal	Left	10 V/m	A
80~2700	Horizontal	Right	10 V/m	A

Note: Å means the EUT function is normal working during the test.

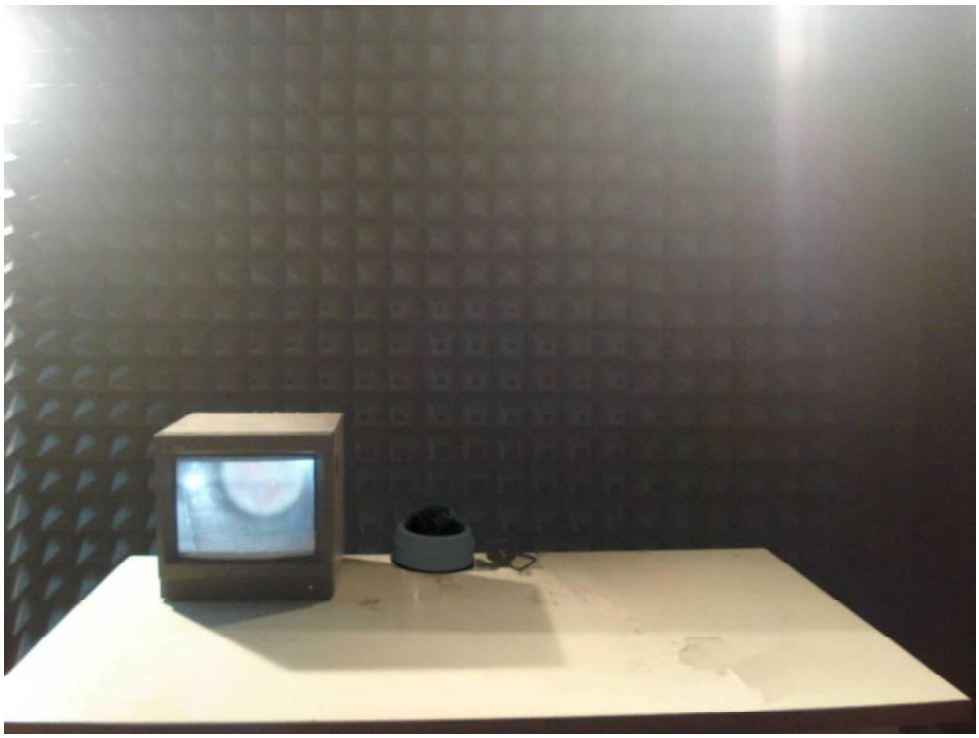
8.5 TEST PHOTO

DC 12V

AC 24V



POE



9. ELECTRICAL FAST TRANSIENT/BURST (EFT)

9.1 TEST PROCEDURE

a. In order to minimize the effect of environmental parameters on test results, the climatic conditions when test is carrying out shall comply with the following requirements:
   1) Ambient temperature: 15℃ to 30 ℃;
   2) Relative humidity: 45% to 75%
   3) Atmospheric pressure: 86 Kpa (860 mbar) to 106 Kpa (1060mbar).

b. In order to minimize the effect of environmental parameters on test results, the electromagnetic environment of the laboratory shall not influence the test results.

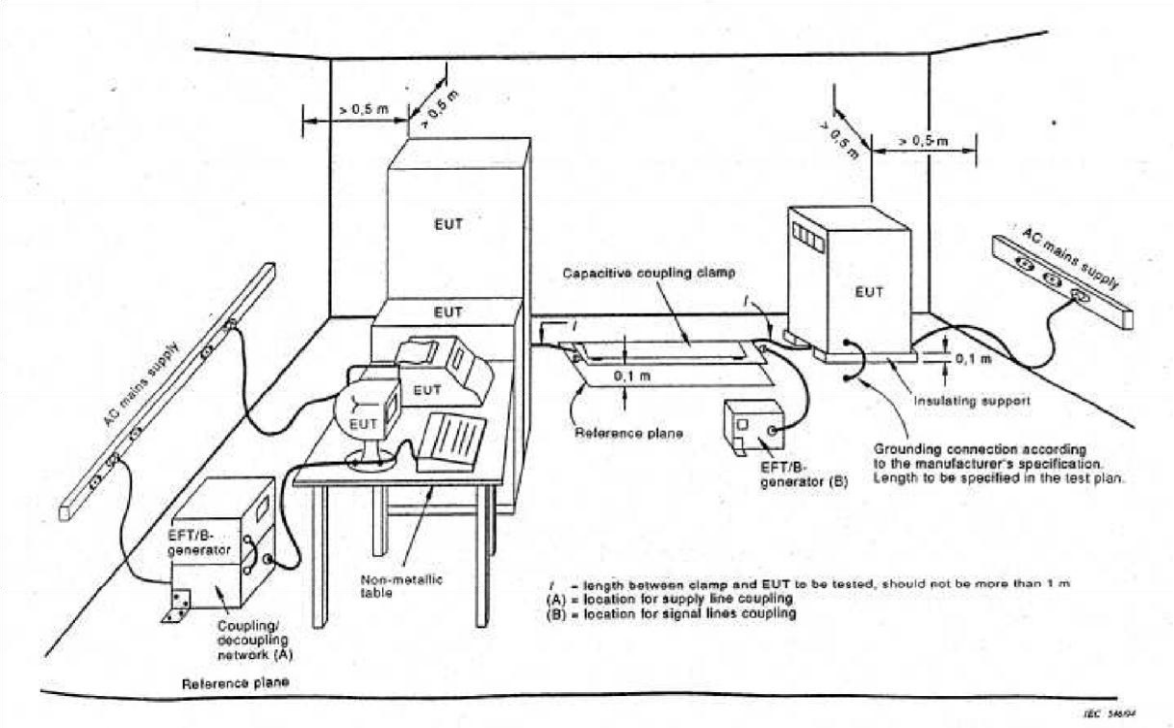
c. The variety and diversity of equipment and systems to be tested make it difficult to establish general criteria for the evaluation of the effects of fast transients/bursts on equipment and systems.

d. Test on Power Line:
   1) The EFT/B-generator was located on the GRP. The length from the EFT/B-generator to the EUT is not exceeding 50cm.
   2) The EFT/B-generator provides the ability to apply the test voltage in a non-symmetrical condition to the power supply input terminals of the EUT.

e. Test on Communication Lines
   1) The coupling clamp is composed of a clamp unit for housing the cable (length more than 3 m), and was placed on the GRP.
   2) The coupling clamp provides the ability of coupling the fast transient/bursts to the cable under test.

f. The test results may be classified on the basic of the operating conditions and the functional specification of the equipment under test, according to the following performance criteria:
   1) Normal performance within the specification limits.
   2) Temporary degradation or loss of function or performance which is self-recoverable.
   3) Temporary degradation or loss of function or performance which requires operator intervention or system reset.
   4) Degradation or loss of function which is not recoverable due to damage of equipment (components).

9.2 TEST SETUP



9.3 TEST LEVEL

The following test severity levels are recommended for the fast transient/burst test:

Open circuit output test voltage 10%		
Level	On Power Supply	On I/O signal, data and control line
1	0.5 KV	0.25 KV
2	1.0 KV	0.50 KV
3	2.0 KV	1.00 KV
4	4.0 KV	2.00 KV
X	Specified	Specified

Remark: "X" is an open level. The level is subject to negotiation between the user and manufacturer or is specified by the manufacturer.

9.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-4

Temperature: 24℃

Humidity: 43% RH

Pulse: 5/50 ns Repetition Rate: 100 kHz

Burst: 15m/300ms Test time: 1 min/each condition

Voltage/Mode/Polarity/Result/Phase		1.0 kV		2.0 kV	
		+	-	+	-
Power Line	L	A	A	A	A
	N	A	A	A	A
	L-N	A	A	A	A
	PE	A	A	A	A
	L-PE	A	A	A	A
	N-PE	A	A	A	A
	L-N-PE	A	A	A	A
Signal Line	RJ45 LAN (10/100M)	A	A	--	--
	Alarm	A	A	--	--
	BNC	A	A	--	--

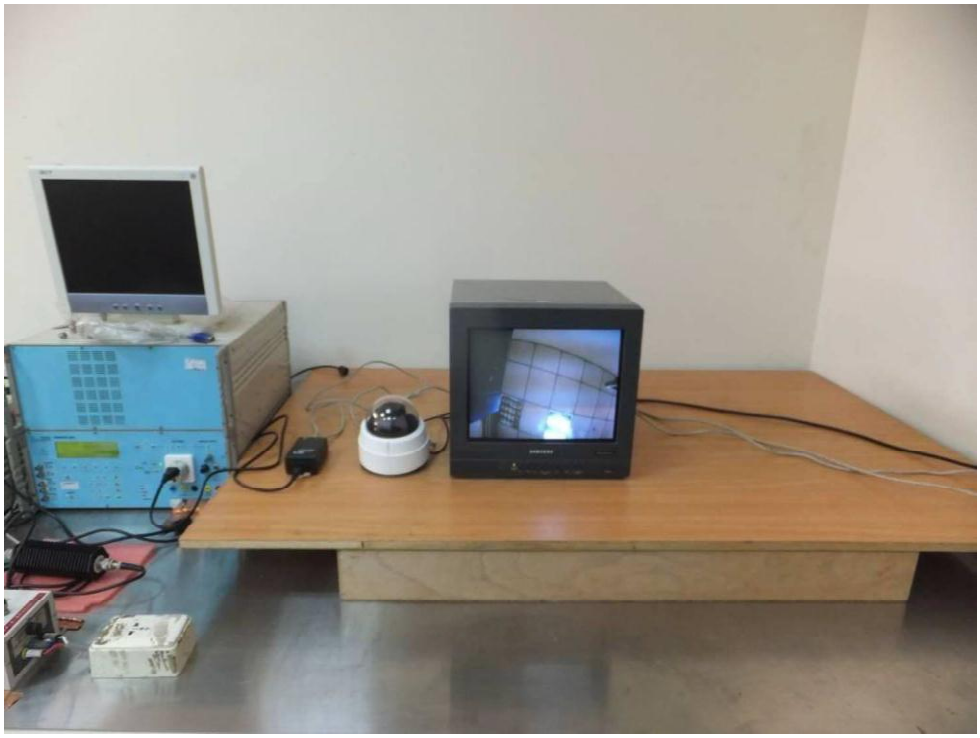
Note: Å ”means the EUT function is normal working during the test.

9.5 TEST PHOTO

DC 12V

AC 24V

POE



10. SURGE

10.1 TEST PROCEDURE

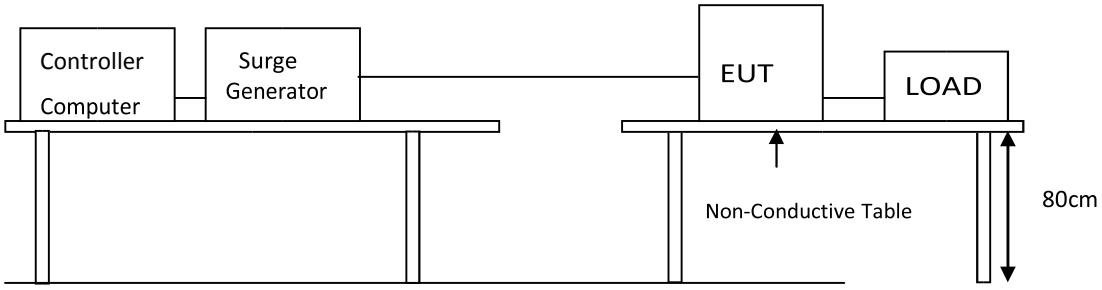
a. Climatic conditions
The climatic conditions shall comply with the following requirements:
1) Ambient temperature: 15℃ to 35 ℃
2) Relative humidity: 10 % to 75 %
3) Atmospheric pressure: 86 kPa to 106 kPa (860 mbar to 1060 mbar)

b. Electromagnetic conditions
The electromagnetic environment of the laboratory shall not influence the test results.

c. The test shall be performed according the test plan that shall specify the test set-up with
1) Generator and other equipment utilized;
2) Test level (voltage/current);
3) Generator source impedance;
4) Internal or external generator trigger;
5) Number of tests: at least five positive and five negative at the selected points;
6) Repetition rate: maximum 1/min.
7) Inputs and outputs to be tested.
8) Representative operating conditions of the EUT;
9) Sequence of application of the surge to the circuit; 10) Phase angle in the case of AC, power supply; 11) Actual installation conditions, for example:
AC: neutral earthed,
DC: (+) or (-) earthed to simulated the actual earthing conditions.

d. If not otherwise specified the surges have to be applied synchronized to the voltage phase at the zero-crossing and peak value of the AC. Voltage wave (positive and negative).
e. The surges have to be applied line to line and line(s) and earth. When testing line to earth, the test voltage has to be applied successively between each of the lines and earth, if there is no other specification.
f. The test procedure shall also consider the non-linear current-voltage characteristics of the equipment under test. Therefore the test voltage has to be increased by steps up to the test level specified in the product standard or test plan.
g. All lower levels including the selected test level shall be satisfied. For testing the secondary protection, the output voltage of the generator shall be increased up to the worst-case voltage breakdown level (let-through level) of the primary protection.
h. If the actual operating signal sources are not available, that may be simulated. Under no circumstances may the test level exceed the product specification. The test shall be carried out according to a test plane.
i. To find all critical points of the duty cycle of the equipment, a sufficient number of positive and negative test pulses shall be applied. For acceptance test previously unstressed equipment shall be used to the protection devices shall be replaces.

10.2 TEST SETUP



10.3 TEST LEVEL

Level	Open-circuit test voltage, ± 10%, KV
1	0.5
2	1.0

3	2.0
4	4.0
X	Specified
Note: X"is"an open class. This level can be specified in the product specification.	

10.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-5

Temperature: 24℃

Humidity: 43% RH

Power Port

Waveform: 1.2/50μs(8/20 μs) Repetition rate: 60 sec Time: 5 time/each condition						
Phase Voltage/Mode/Polarity/Result			0。	90。	180。	270。
0.5kV, 1.0 kV	L-N	+	A	A	A	A
		-	A	A	A	A
0.5kV, 1.0kV, 2.0kV	L-PE, N-PE	+	A	A	A	A
		-	A	A	A	A

Note: A "means the EUT function is normal working during the test.

Signal Port

RJ45 & Alarm & BNC

Waveform: 1.2/50μs(8/20 μs) Repetition rate: 60 sec Time: 5 time/each condition		
Voltage	0.5/1 kV	
Mode/Polarity/Result	+	-
RJ45 L-PE	A	A
Alarm L-PE	A	A

BNC L-PE	A	A

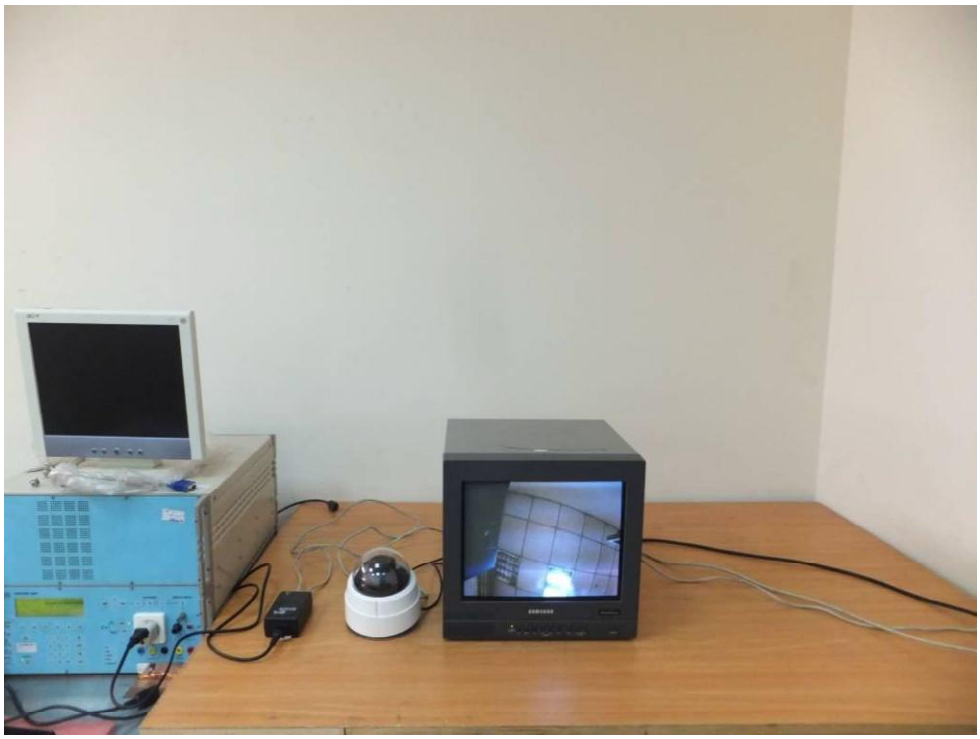
Note: A means the EUT function is normal working during the test.

10.5 TEST PHOTO

DC 12V

AC 24V

POE

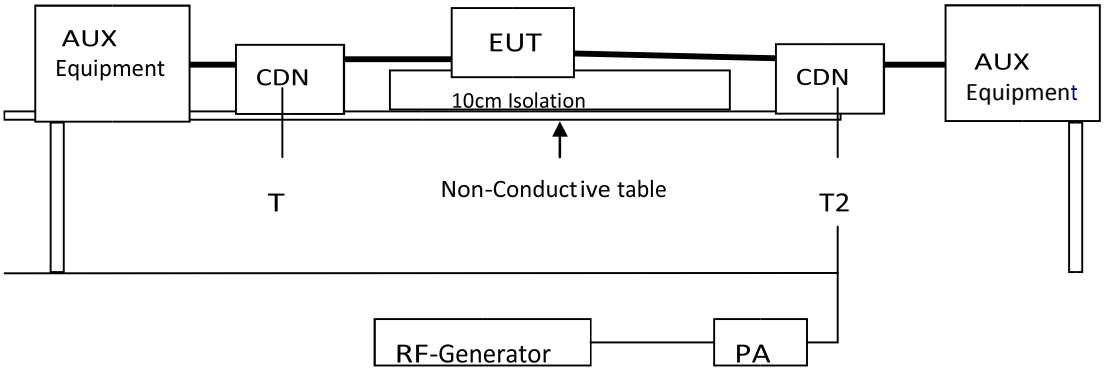


11. IMMUNITY TEST TO CS CONDUCTED DISTURBANCE (CS)

11.1 TEST PROCEDURE

a. The EUT shall be operated within its intended climatic conditions. The temperature and relative humidity should be recorded.
b. This test method test can be performed without using a sell shielded enclosure. This is because the disturbance levels applied and the geometry of the setups are not likely to radiated a high amount of energy, especially at the lower frequencies. If under certain circumstances the radiated energy is too high, a shielded enclosure has to be used.
c. The test shall be performed with the test generator connected to each of the coupling and decoupling devices in turn while the other non-excited RF-input ports of the coupling devices are terminated by a 50 ohm load resistor.
d. The frequency range is swept from 150 KHz to 100 MHz, using the signal levels established during the setting process, and with the disturbance signal 80% amplitude modulated with a 1KHz sign wave, pausing to adjust the RF-signal level or to switch coupling devices as necessary. The rate of sweep shall not exceed 1.5×10^{-3} decades/s. Where the frequency is swept incrementally, the step size shall not exceed 1% of the start and thereafter 1% of the preceding frequency value.
e. The dwell time at each frequency shall not be less than time necessary for the EUT to be exercised, and able to respond. Sensitive frequencies e.g. clock frequency(ies) and harmonics or frequencies of dominant interest shall be analyzed separately.
f. An alternative test procedure may be adopted, wherein the frequency range is swept incrementally, with a step size not exceeding 4% of the start ad thereafter 4% of the preceding frequency value. The test level should be at least twice the value of the specified test level.
g. In cases of dispute, the test procedure using a step size not exceeding 1% of the start and thereafter 1% of preceding frequency value shall take precedence.
h. Attempts should be made to fully exercise the EUT during testing, and to fully interrogate all exercise modes selected for susceptibility.
i. The use of special exercising programs is recommended.
j. Testing shall be performed according to a Test Plan, which shall be included in the test report.
k. It may be necessary to carry out some investigatory testing in order to establish some aspects of the test plan.

11.2 TEST SETUP



11.3 TEST LEVEL

Item	Test Specification	Unit
Radio-Frequency	0.15 ~ 100	MHz
Common Mode	10	V (rms, Unmodulated)
Amplitude Modulated	80	%AM (1KHz)
Pulse modulation	1Hz	0.5 s ON: 0.5 s OFF

11.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-6
Temperature: 24℃

Humidity: 43% RH

Frequency: 0.15~100MHz, Modulation: AM 80%, 1KHz sine wave, Dwell time: 3.0s Frequency Step Size: 1% of preceding frequency value			
Frequency	Test Mode	Voltage(V)	Result
0.15 ~ 100 MHz	Power	10	A
0.15 ~ 100 MHz	RJ45 LAN(10/100)M	10	A

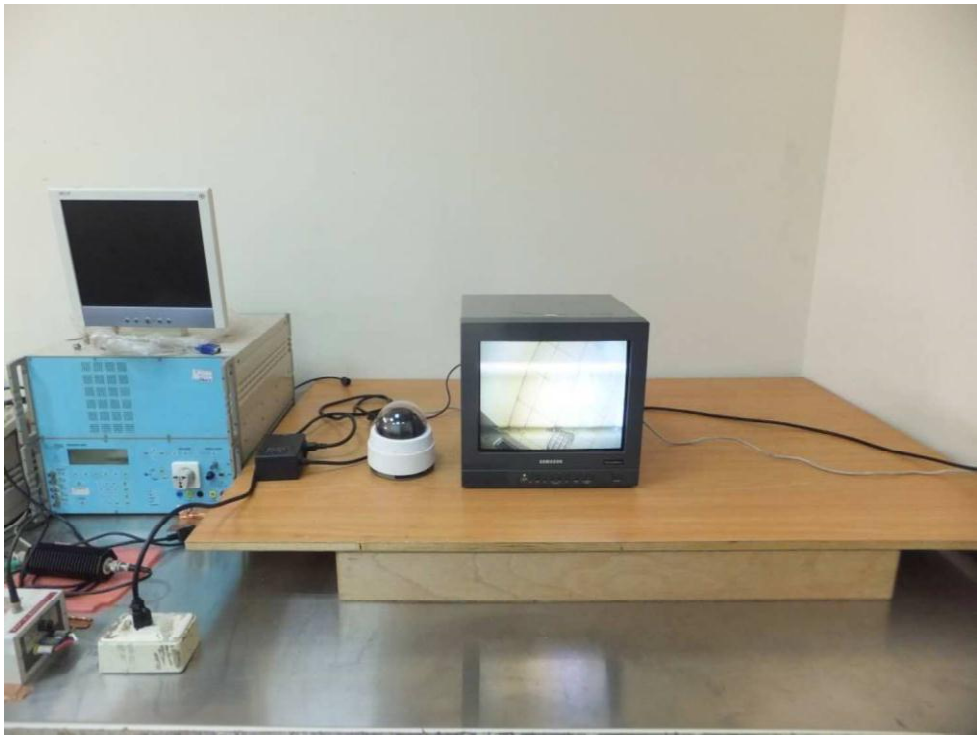
0.15 ~ 100 MHz	CLAMP(POE)	10	A
0.15 ~ 100 MHz	BNC	10	A
0.15 ~ 100 MHz	Alarm	10	A

Note: Ä ”means the EUT function is normal working during the test.

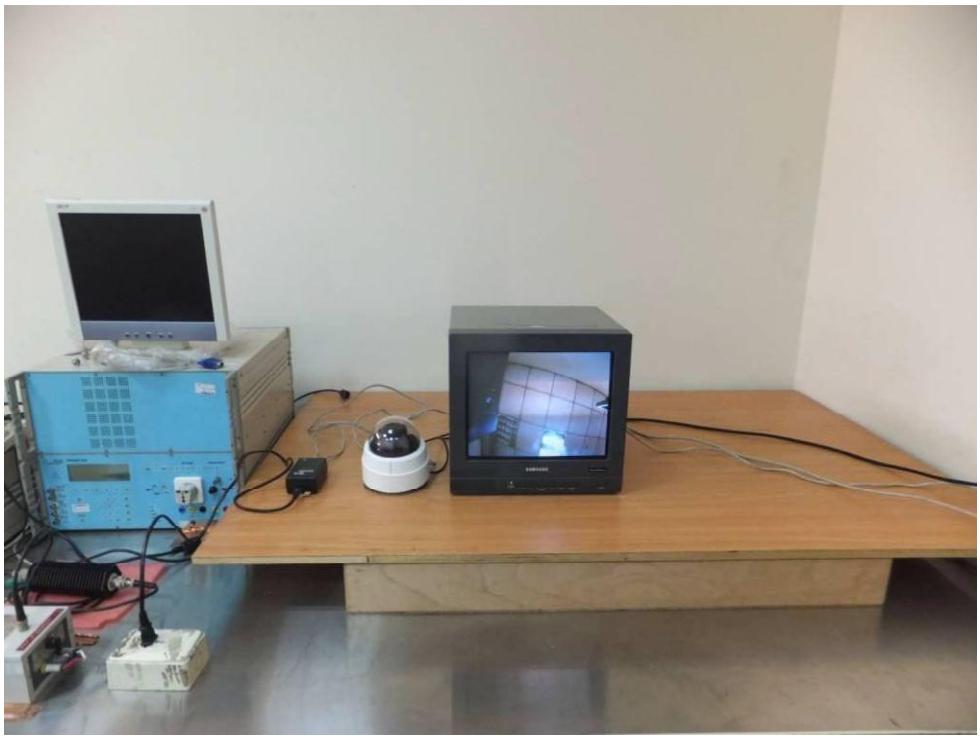
11.5 TEST PHOTO

DC 12V

AC 24V



POE



12. POWER FREQUENCY MAGNETIC FIELD (MAGNETIC)

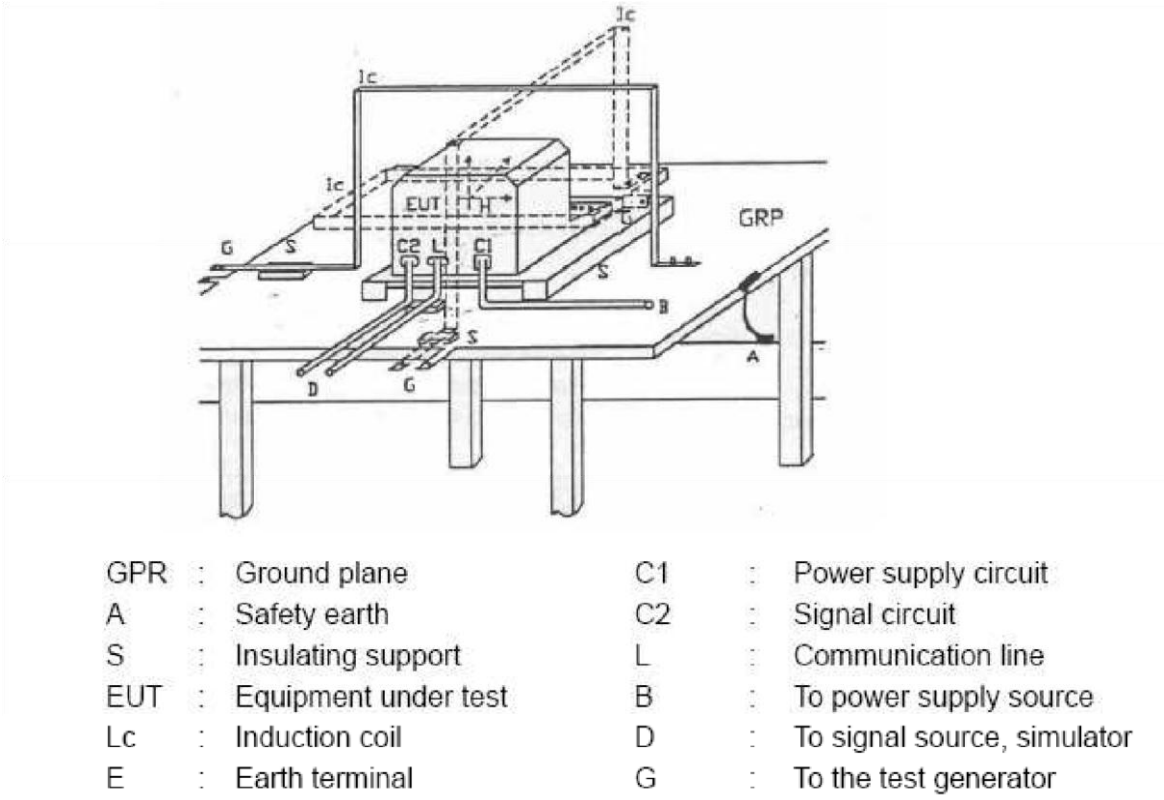
12.1 TEST PROCEDURE

The EUT and its load are placed on a table that is 0.8 meter above the metal ground plane dimension is at least 1 meter x 1 meter. The test magnetic field shall be placed at least than 3 meter distance from the induction coil.

The test magnetic field shall be applied by the immersion method to the EUT.

The induction coil shall be rotated by 90° in order to expose the EUT to the test field with different orientation (X, Y, Z orientation).

12.2 TEST SETUP



GPR	:	Ground plane	C1	:	Power supply circuit
A	:	Safety earth	C2	:	Signal circuit
S	:	Insulating support	L	:	Communication line
EUT	:	Equipment under test	B	:	To power supply source
Lc	:	Induction coil	D	:	To signal source, simulator
E	:	Earth terminal	G	:	To the test generator

12.3 TEST LEVEL

Level	Magnetic field strength (A/m)
1	1
2	3
3	10
4	30
5	100
X	special
Note: X" is" an open class. This level can be specified in the product specification.	

12.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-8

Temperature: 24℃

Humidity: 43% RH

Power Frequency Magnetic Field: 50Hz, 1 A/m		
Coil Orientation	Testing duration	Result
X-axis	1.0 Min	A
Y-axis	1.0 Min	A
Z-axis	1.0 Min	A

Note: A" means the EUT function is normal working during the test.

12.5 TEST PHOTO

DC 12V

AC 24V

POE

13. VOLTAGE DIPS AND INTERRUPTION MEASUREMENT

13.1 TEST PROCEDURE

The EUT and its load are placed on a wooden table which is 0.8 meter above a metal ground plane which dimension is 1 meter x 1 meter, the thickness is 0.65mm. It projected beyond the EUT by at least 0.1 meter on all sides. The power cord shall be used the shortest power cord as specified by the manufacturer.

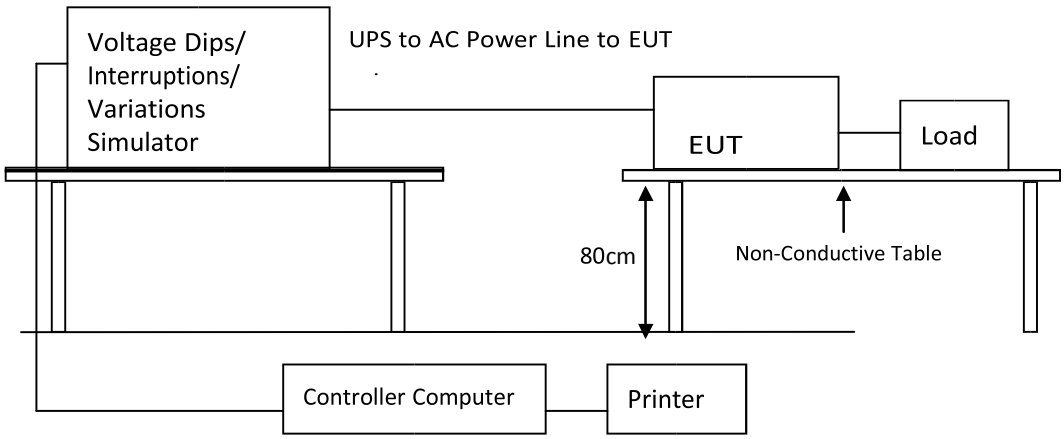
For Voltage Dips / Interruption Test:

The EUT is connected to the power mains through a coupling device that directly couples to the Voltage Dips and Interruption Generator.

The EUT shall be tested for 30% voltage dips of supplied voltage and duration time is 10ms, for 60% voltage dips of supplied voltage and duration time is 100ms with a sequence of three voltage dips with intervals of 10 seconds, and for 95% voltage interruption of supplied voltage and the duration time is 5000ms with a sequence of three voltage interruptions with intervals of 10 seconds.

Voltage phase shifting are shall occur at0º, 45 º, 90 º, 135 º, 180 º, 225 º, 270 º, 315 º of the voltage.

13.2 TEST SETUP



13.3 TEST LEVEL

1. Source voltage and frequency: AC 100/230/240V, Single phase.
2. Test of interval: 10 sec.
3. Level and duration: Sequence of 3 dips/interrupts.
4. Voltage rise (and fall) time: 1~5 μs.

5. Test severity:

Voltage dips and Interrupt reduction (%)	Test Duration (period)
>100%	250
20%	250
30%	25
60%	10

13.4 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-11

Temperature: 24℃

Humidity: 43% RH

Power Line

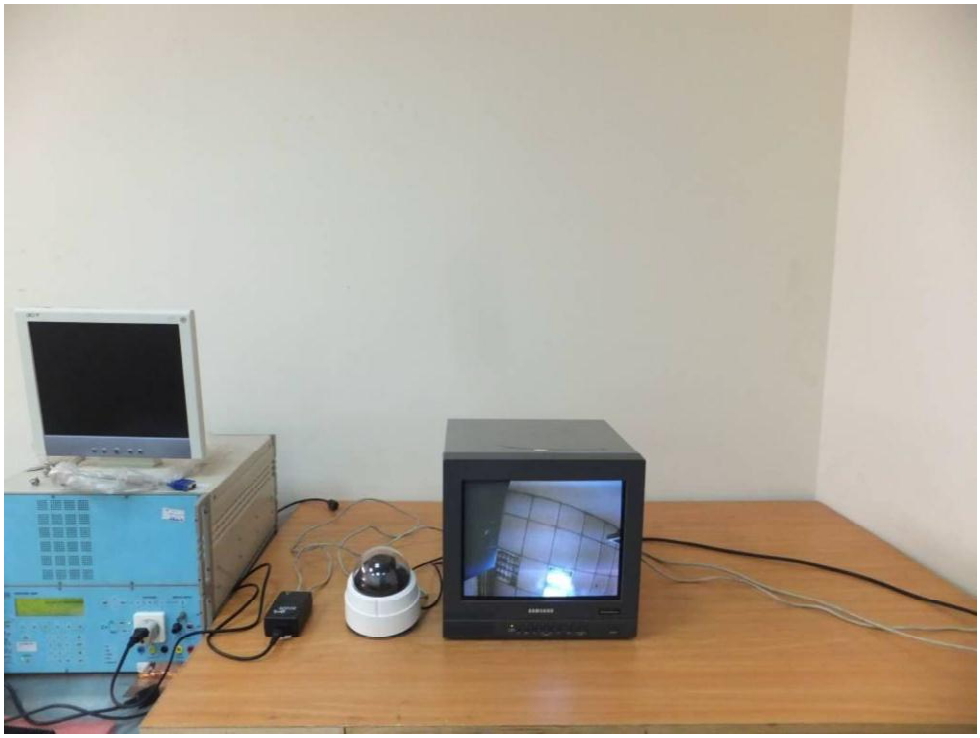
Environmental Phenomena	Test Specification	Units	Result
Voltage Dips	80 0,5; 1; 5 and 10	% during Cycle	PASS
	70 0,5; 1; 5 and 10	% during Cycle	PASS
	40 0,5; 1; 5 and 10	% during Cycles	PASS
	0 0,5; 1 and 5	% during Cycle	PASS

13.5 TEST PHOTO

DC 12V

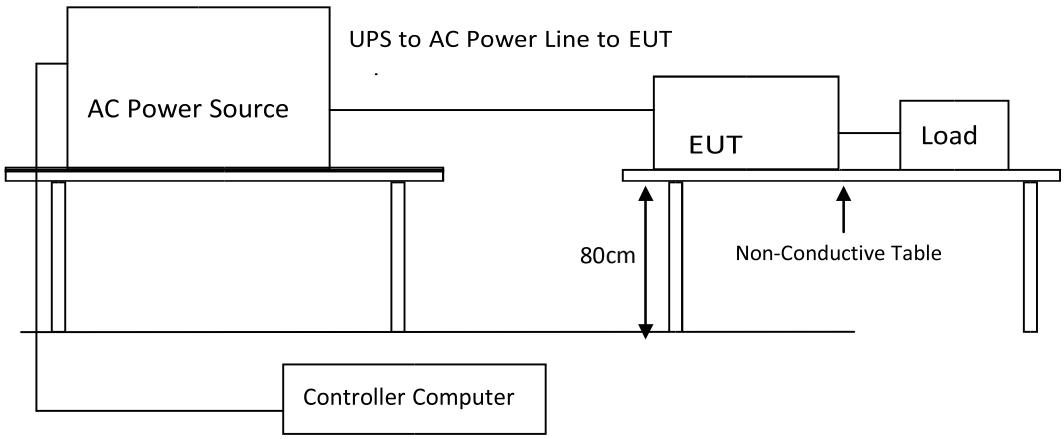
AC 24V

POE



14. MAINS SUPPLY VOLTAGE VARIATIONS

14.1 TEST SETUP



14.2 TEST LEVEL

1. Source voltage and frequency: 100V/230V/240V, 50Hz, Single phase.
2. Test severity:

Test Level UT%	Durations
+10%	10min
-15%	10min

14.3 TEST RESULT AND DATA

Test Result: PASSED

Test Standard: IEC61000-4-11
Temperature: 24℃
Humidity: 43% RH

Voltage(UT): AC 230V, 50Hz			
Test Mode	Test level UT %	Durations	Result
Voltage	+10%	10min	PASS

	-15%	10min	PASS