FCC Appendix Report

Compliance with Industry Canada Interference-Causing Equipment Standard ICES-003

Product Name ： Network Camera
Model No. ： IB9371-EHT, IB9371-HT

Applicant ： VIVOTEK INC.
Address ： 6F, No.192, Lien-Cheng Rd., Chung-Ho , New Taipei City, 235, Taiwan, R.O.C.

Date of Receipt ： 2016/01/29
Issued Date ： 2016/02/23
Report No. ： 1620085R-ITUSP01V00
Report Version ： V1.0

Test Report

Issued Date : 2016/02/23
Report No. : 1620085R-ITUSP01V00

Product Name	:	Network Camera
Applicant	:	VIVOTEK INC.
Address	:	6F, No.192, Lien-Cheng Rd., Chung-Ho , New Taipei City, 235, Taiwan, R.O.C.
Manufacturer	:	VIVOTEK INC.
Model No.	:	IB9371-EHT, IB9371-HT
EUT Rated Voltage	:	Power By PoE, DC12V
EUT Test Voltage	:	Power By PoE, DC12V
Trade Name	:	VIVOTEK
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart B: 2014, Class A CISPR 22: 2008, ANSI C63.4: 2014 ICES -003 issue 6: 2016 Class A
Test Result	:	Complied
Performed Location	:	Quietek Corporation (Linkou Laboratory) No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C. TEL:+866-2-8601-3788 / FAX:+886-2-8601-3789

Documented By : Jessie Ciou
(Adm. Assistant / Jessie Ciou)

Reviewed By : Simon tsai
(Engineer / Simon Tsai)

Approved By :
(Director / Vincent Lin)

Laboratory Information

We, **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

Taiwan R.O.C.	**:**	**BSMI, NCC, TAF**
Norway	**:**	**DNV**
USA	**:**	**FCC**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://www.quietek.com/chinese/about/certificates.aspx?bval=5
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

HsinChu Testing Laboratory :
No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

LinKou Testing Laboratory :
No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

Suzhou (China) Testing Laboratory :
No. 99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., Suzhou,China.
TEL : +86-512-6251-5088 / FAX : +86-512-6251-5098 E-Mail : service@quietek.com

TABLE OF CONTENTS

Description Page
1. General Information 5
1.1. EUT Description 5
1.2. Mode of Operation 6
1.3. Tested System Details 7
1.4. Configuration of Tested System 8
1.5. EUT Exercise Software 10
2. Technical Test 11
2.1. Summary of Test Result 11
2.2. List of Test Equipment 12
2.3. Measurement Uncertainty 13
2.4. Test Environment 14
3. Conducted Emission 15
3.1. Test Specification 15
3.2. Test Setup 15
3.3. Limit 15
3.4. Test Procedure 16
3.5. Test Result 17
3.6. Test Photograph 23
4. Radiated Emission 25
4.1. Test Specification 25
4.2. Test Setup 25
4.3. Limit 26
4.4. Test Procedure 27
4.5. Test Result 28
4.6. Test Photograph 36
5. Attachment 39
EUT Photograph 39

1. General Information

1.1. EUT Description

Product Name	Network Camera
Trade Name	VIVOTEK
Model No.	IB9371-EHT, IB9371-HT

Component	
Power Adapter	MFR: ENG, M/N: 3A-183WP12 Input: 100-240V, 50-60Hz, 0.6A Output: 12V⎓1.5A Cable Out: Non-shielded, 1.8m
Maximum clock frequency	1600MHz

Note:

1. This appendix report was based on Quietek report No.: 1590031R-ITUSP01V00
2. The different is adding Ground.
3. The different of each model is shown as below:

Model No.	Description
IB9371-EHT	With Heater
IB9371-HT	Without Heater

1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	
Mode 1: IB9371-HT, Poe MODE Mode 2: IB9371-HT, DC MODE	
Final Test Mode	
Emission	Mode 1: IB9371-HT, Poe MODE Mode 2: IB9371-HT, DC MODE
Note : According to pre-test data, we choose the worst case mode 1, 2 as the final and full testing.	

1.3. Tested System Details

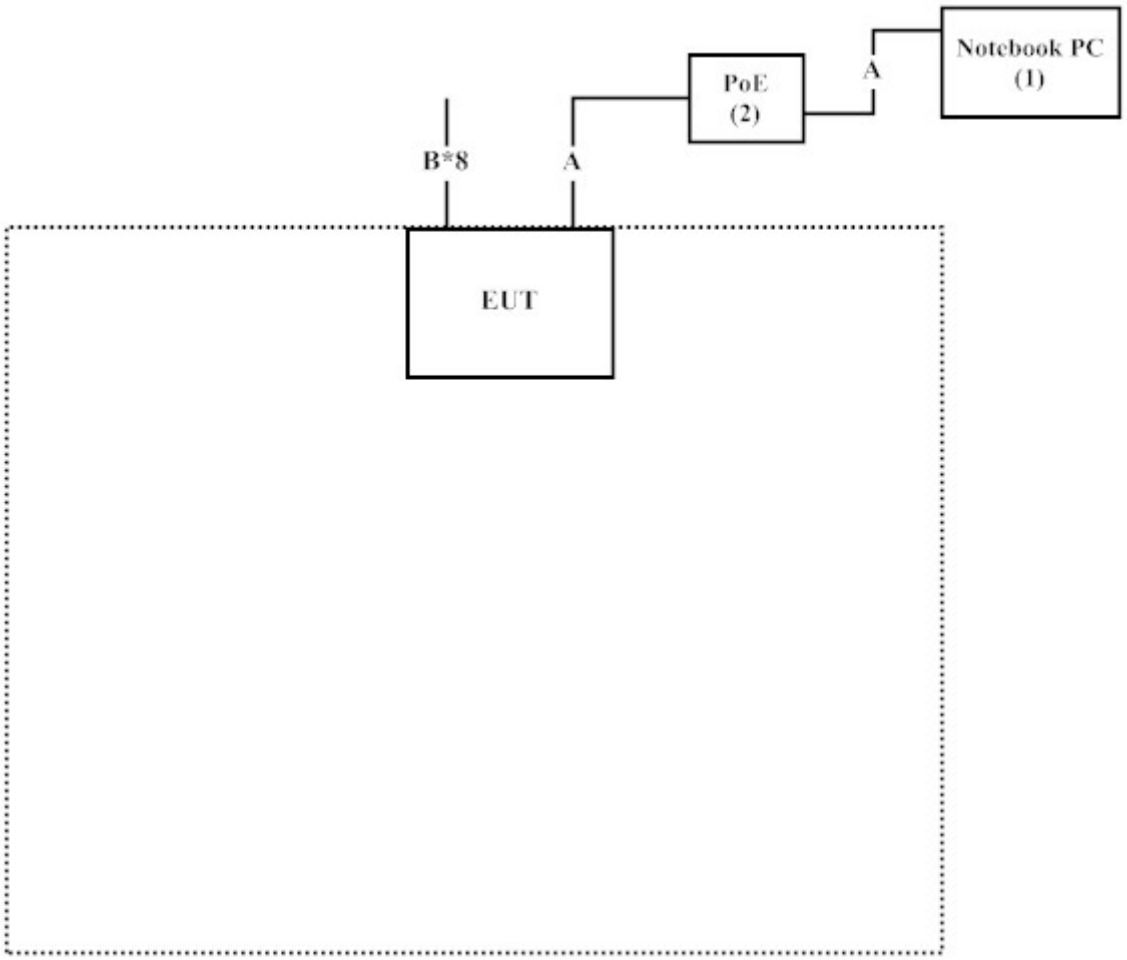
The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode		Mode 1			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	E5530	24QPXW1	Non-Shielded, 0.8m
2	PoE	N/A	N/A	N/A	Non-Shielded, 1.8m

Test Mode		Mode 2			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	E5530	24QPXW1	Non-Shielded, 0.8m

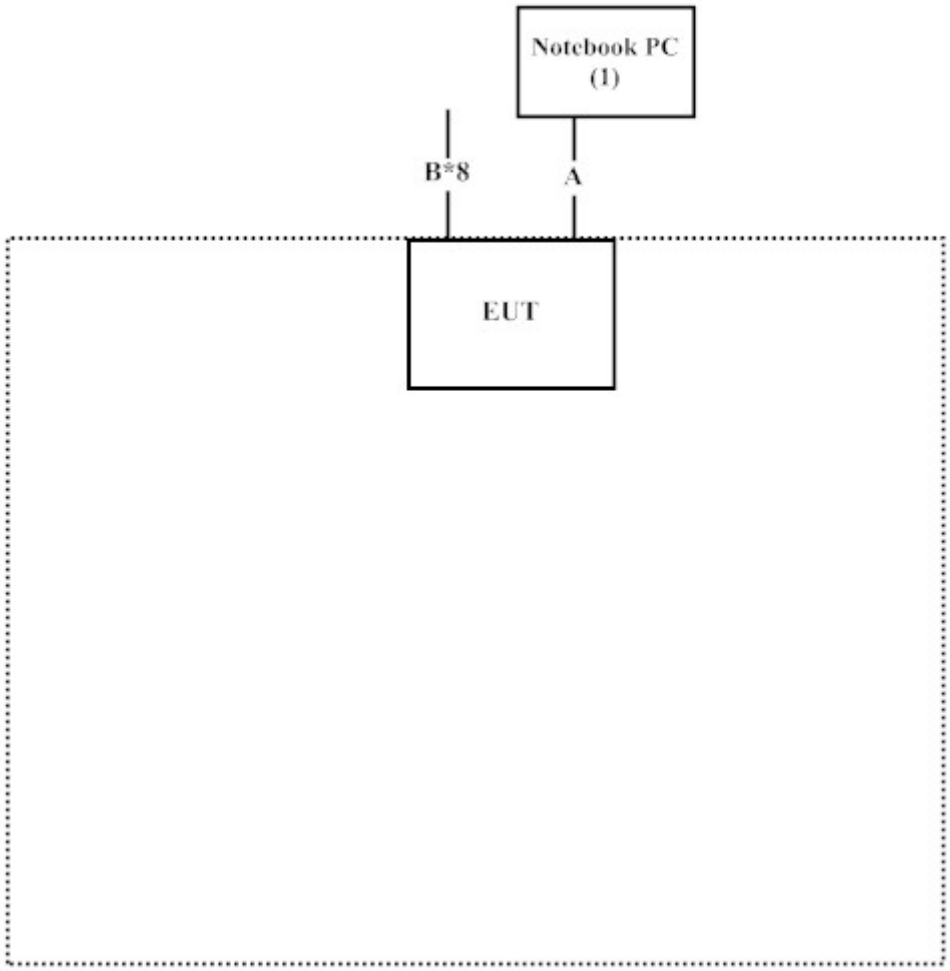
1.4. Configuration of Tested System

Test Mode	Mode 1
Connection Diagram	



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 7m, two PCS.
B	Signal Cable	Non-Shielded, 0.3m, eight PCS.

Test Mode	Mode 2
Connection Diagram	



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 7m
B	Signal Cable	Non-Shielded, 0.3m, eight PCS.

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipments.
3	All the features of the EUT operation normally.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Emission			
Performed Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2014 Class A ANSI C63.4: 2014	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2014 Class A ANSI C63.4: 2014	Yes	No

2.2. List of Test Equipment

Conducted Emission / SR1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCS 30	100367	2015/12/21
LISN	R&S	ENV216	100085	2016/01/21
LISN	R&S	ENV216	101128	2015/12/02
Coaxial Cable	QTK(Arnist)	RG 400	LC016-RG	2015/06/24

Radiated Emission / Site1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2905	2015/06/12
EMI Test Receiver	R&S	ESCS 30	100121	2015/04/13
Coaxial Cable	QTK(Arnist)	RG 214	LC001-RG	2015/06/15
Coaxial signal switch	Arnist	MP59B	6200436229	2015/06/15
Site1 NSA	QTK	N/A	N/A	2015/06/15

Radiated Emission / CB7

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESU26	100433	2015/09/03
Horn Antenna	SCHWARZBECK	9120D	576	2015/11/25
Pre-Amplifier	COM-POWER	PAM-118	443019	2015/07/14
CB7 VSWR	QTK	N/A	N/A	2015/06/25

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.26 dB.

Radiated Emission

The measurement uncertainty is evaluated as ± 3.19 dB.

2.4. Test Environment

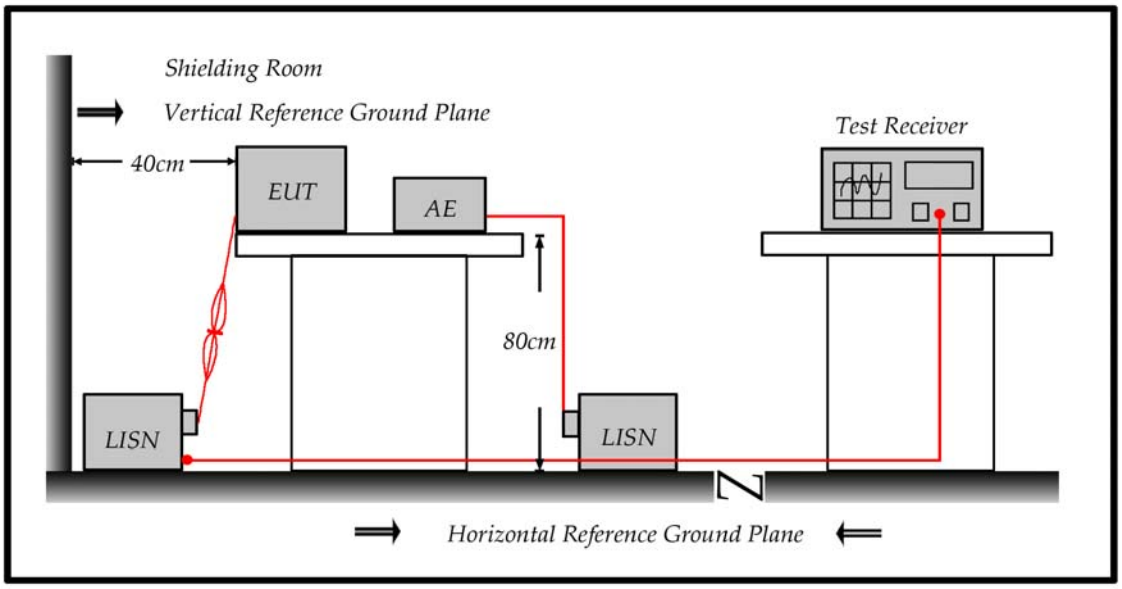
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	19
	Humidity (%RH)	25-75	64
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	15.5
	Humidity (%RH)	25-75	45
	Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

3.1. Test Specification

According to Standard: FCC Part 15 Subpart B, ANSI C63.4

3.2. Test Setup



3.3. Limit

Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	79	66
0.50-5.0	73	60
5.0 - 30	73	60

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

3.4. Test Procedure

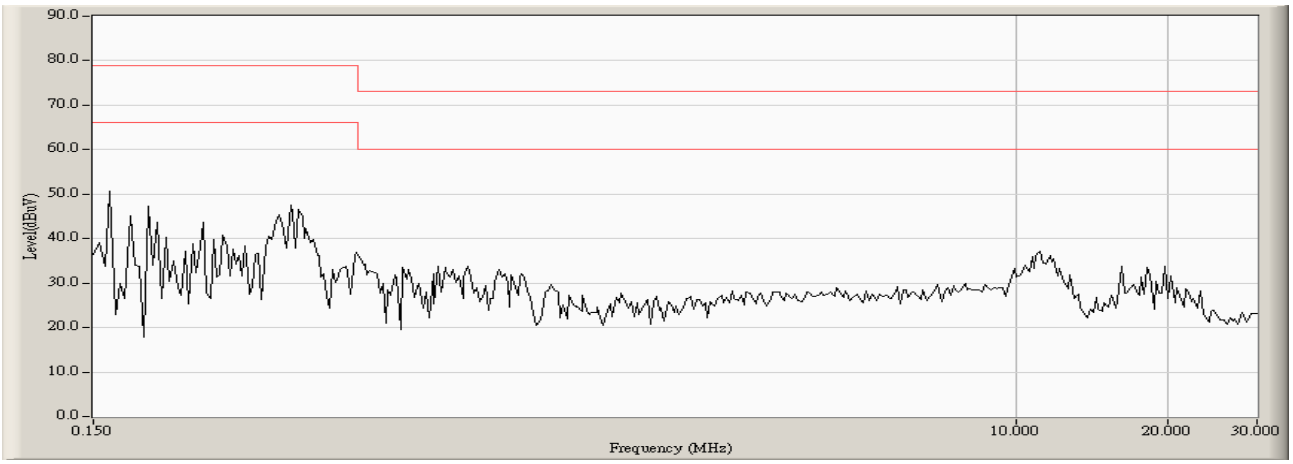
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

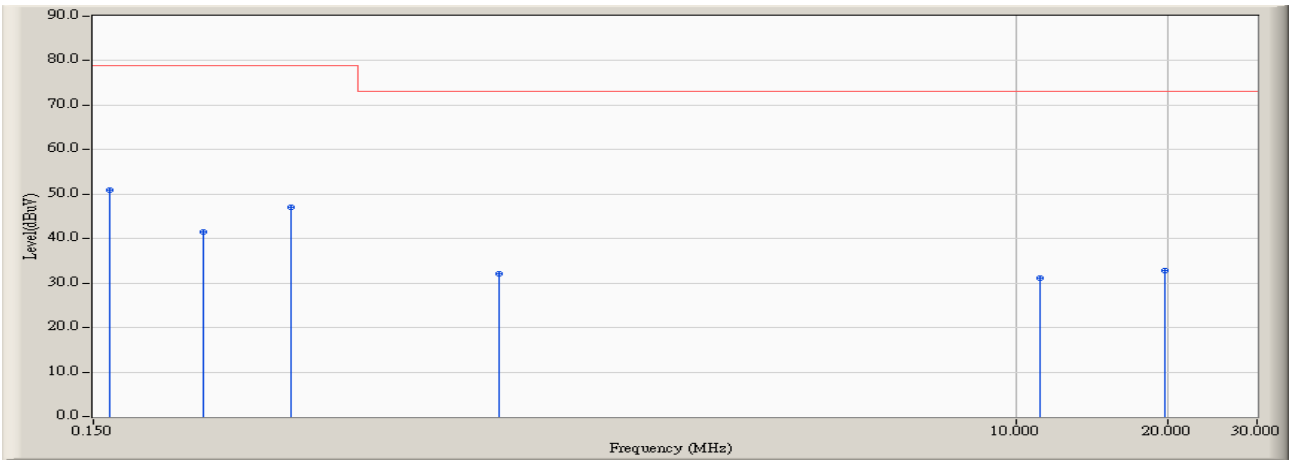
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Test Result

Site : SR1	**Time : 2016/01/30 - 17:03**
Limit : CISPR_A_00M_QP	**Margin : 13**
EUT : Network Camera	**Probe : ENV216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2**



Site : SR1	**Time : 2016/01/30 - 17:04**
Limit : CISPR_A_00M_QP	**Margin : 0**
EUT : Network Camera	**Probe : ENV216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2**

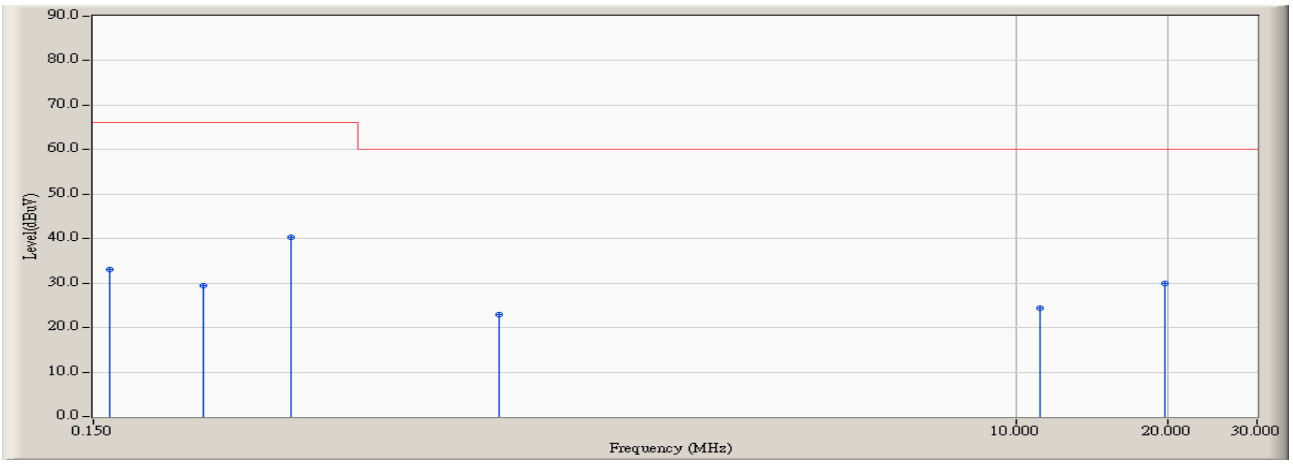


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.162	9.746	41.090	50.836	-28.164	79.000	QUASIPEAK
2		0.248	9.741	31.870	41.611	-37.389	79.000	QUASIPEAK
3		0.369	9.746	37.300	47.046	-31.954	79.000	QUASIPEAK
4		0.951	9.773	22.370	32.143	-40.857	73.000	QUASIPEAK
5		11.158	10.083	21.020	31.103	-41.897	73.000	QUASIPEAK
6		19.709	10.219	22.640	32.859	-40.141	73.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : SR1	**Time : 2016/01/30 - 17:04**
Limit : CISPR_A_00M_AV	**Margin : 0**
EUT : Network Camera	**Probe : ENV216_L1 - Line1**
Power : AC 120V/60Hz	**Note : Mode 2**

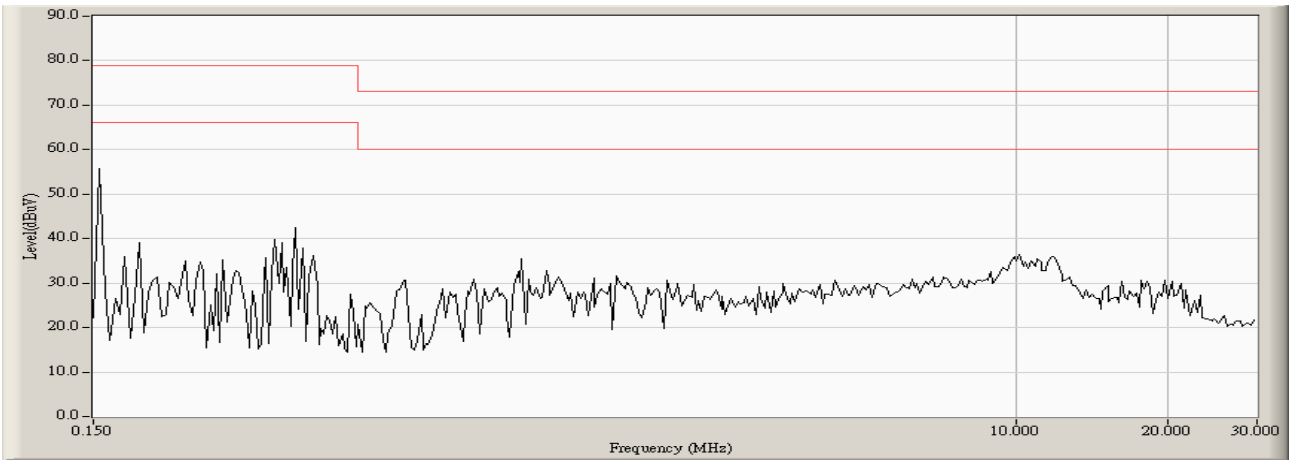


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.746	23.300	33.046	-32.954	66.000	AVERAGE
2		0.248	9.741	19.800	29.541	-36.459	66.000	AVERAGE
3	*	0.369	9.746	30.570	40.316	-25.684	66.000	AVERAGE
4		0.951	9.773	13.240	23.013	-36.987	60.000	AVERAGE
5		11.158	10.083	14.340	24.423	-35.577	60.000	AVERAGE
6		19.709	10.219	19.580	29.799	-30.201	60.000	AVERAGE

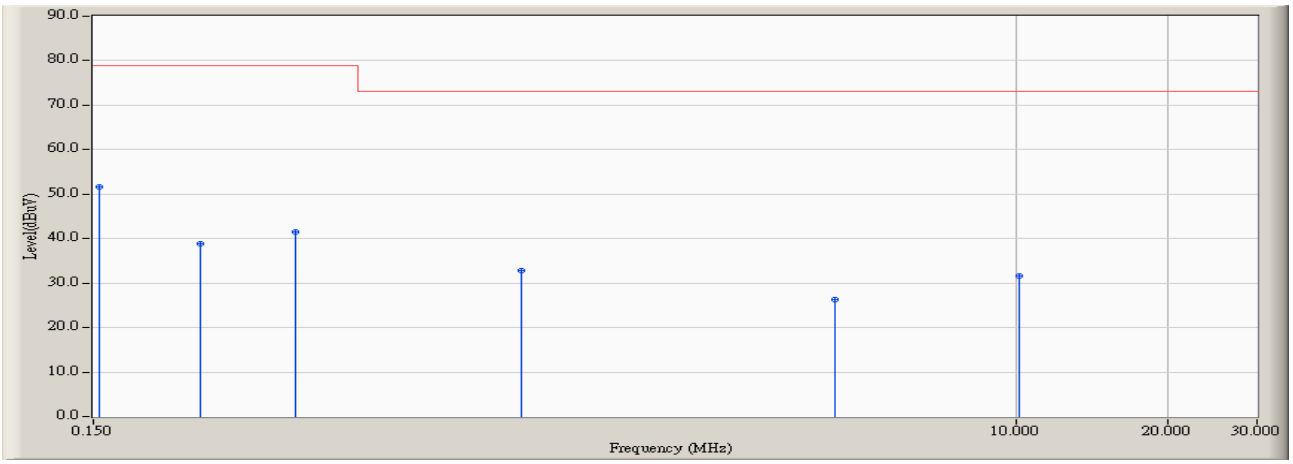
Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : SR1	**Time : 2016/01/30 - 17:04**
Limit : CISPR_A_00M_QP	**Margin : 13**
EUT : Network Camera	**Probe : ENV216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 2**



Site : SR1	**Time : 2016/01/30 - 17:05**
Limit : CISPR_A_00M_QP	**Margin : 0**
EUT : Network Camera	**Probe : ENV216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 2**

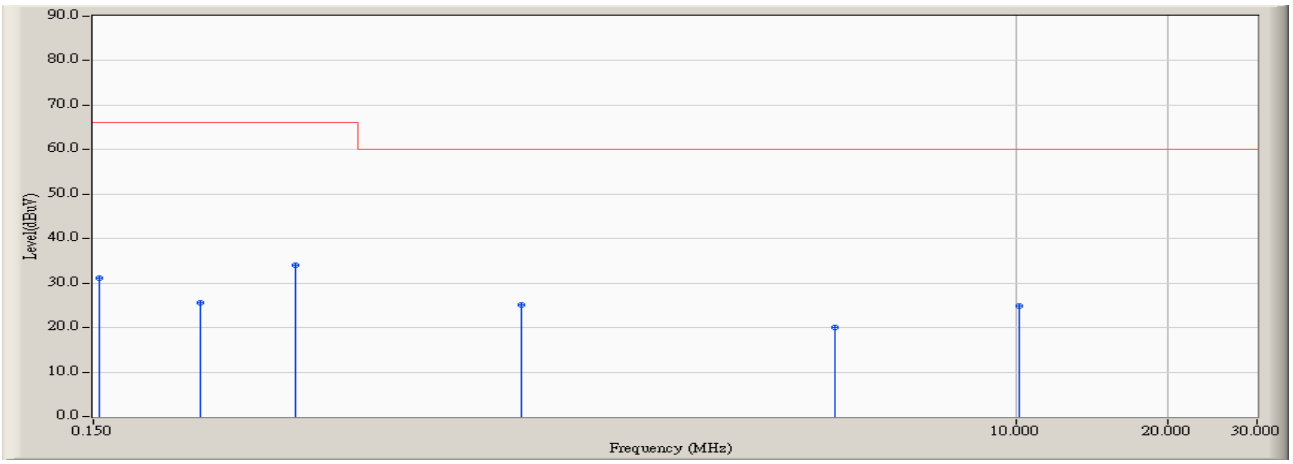


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.154	9.739	41.890	51.628	-27.372	79.000	QUASIPEAK
2		0.244	9.741	29.110	38.851	-40.149	79.000	QUASIPEAK
3		0.377	9.737	31.670	41.407	-37.593	79.000	QUASIPEAK
4		1.052	9.767	23.110	32.877	-40.123	73.000	QUASIPEAK
5		4.404	9.910	16.330	26.240	-46.760	73.000	QUASIPEAK
6		10.185	10.085	21.560	31.645	-41.355	73.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : SR1	**Time : 2016/01/30 - 17:05**
Limit : CISPR_A_00M_AV	**Margin : 0**
EUT : Network Camera	**Probe : ENV216_N - Line2**
Power : AC 120V/60Hz	**Note : Mode 2**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.739	21.450	31.188	-34.812	66.000	AVERAGE
2		0.244	9.741	15.850	25.591	-40.409	66.000	AVERAGE
3	*	0.377	9.737	24.370	34.107	-31.893	66.000	AVERAGE
4		1.052	9.767	15.360	25.127	-34.873	60.000	AVERAGE
5		4.404	9.910	10.000	19.910	-40.090	60.000	AVERAGE
6		10.185	10.085	14.710	24.795	-35.205	60.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3.6. Test Photograph

Test Mode : Mode 2: IB9371-HT, DC MODE

Description : Front View of Conducted Test

Test Mode : Mode 2: IB9371-HT, DC MODE

Description : Back View of Conducted Test

Test Mode : Mode 2: IB9371-HT, DC MODE

Description : Back View of Conducted Test

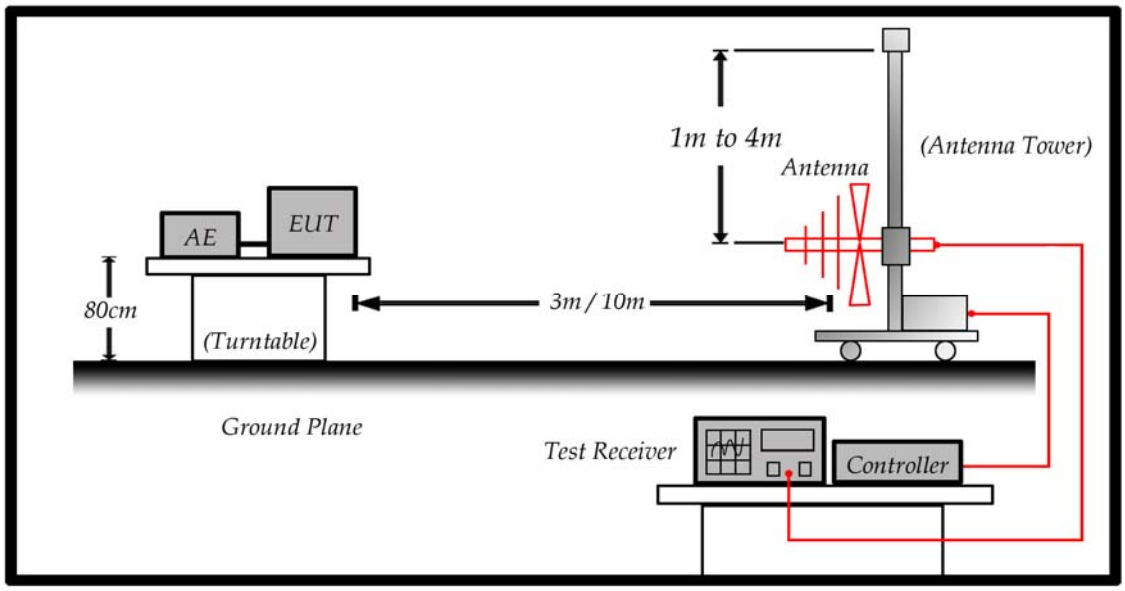
4. Radiated Emission

4.1. Test Specification

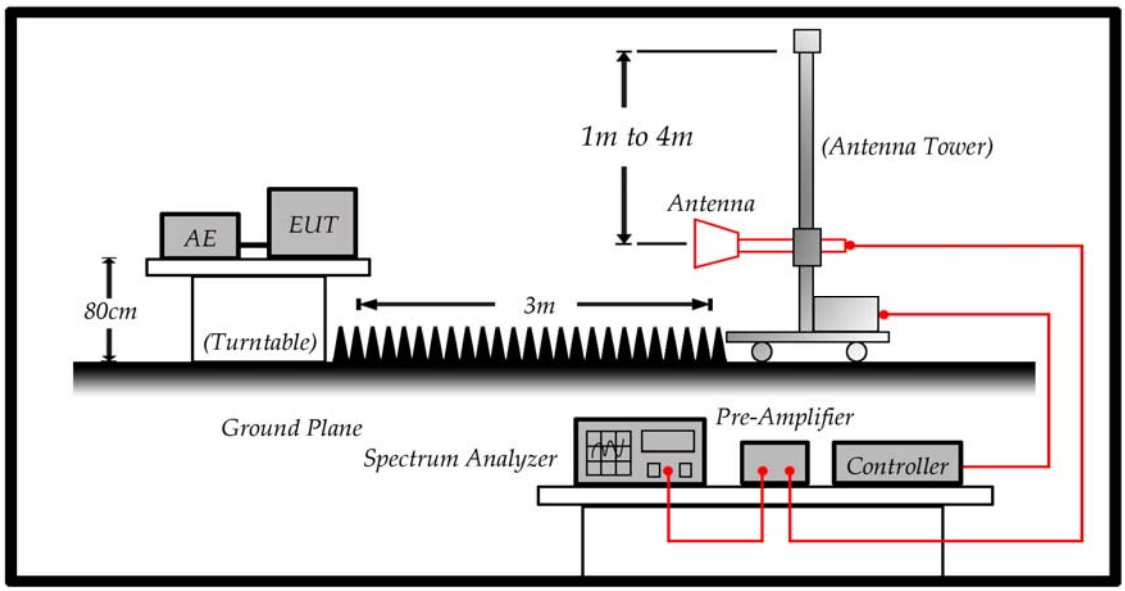
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Under 1GHz test shall not exceed the following value:

Limits		
Frequency (MHz)	Distance (m)	dBuV/m
30 – 230	10	40
230 – 1000	10	47

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
Frequency (MHz)	Distance(m)	dBuV/m
30-88	10	39
88-216	10	43.5
216-960	10	46.4
Above 960	10	49.5

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the folowing table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000 MHz, the radiated limits shown are based measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

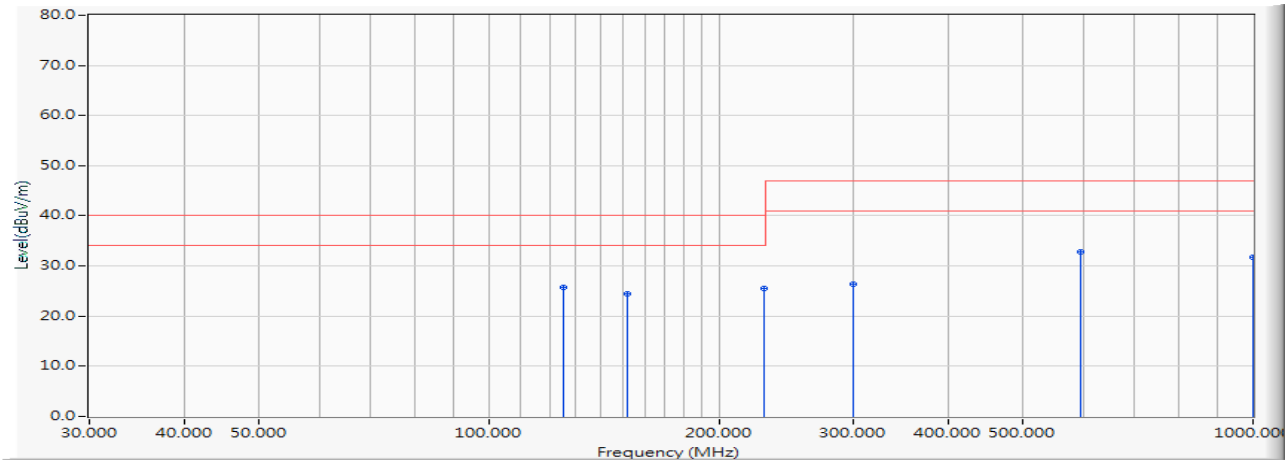
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCS 30) is 120 kHz and above 1GHz is 1MHz.

4.5. Test Result

Site : site1	**Time : 2016/01/31 - 02:35**
Limit : CISPR_A_10M_QP	**Margin : 6**
EUT : Network Camera	**Probe : Site1_CBL6112_10M_1506 - HORIZONTAL**
Power : Power By PoE	**Note : Mode 1**

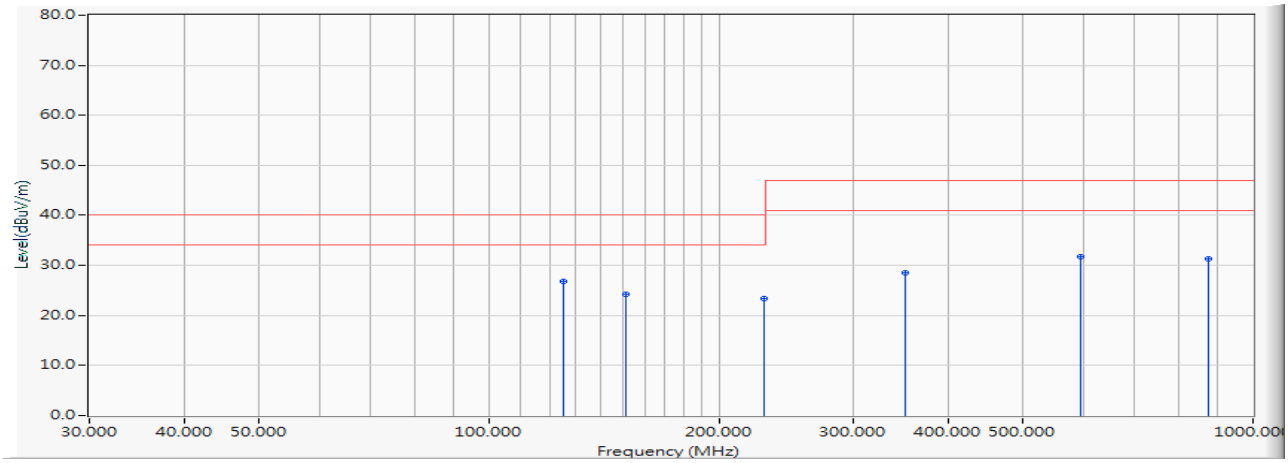


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		125.000	14.392	11.400	25.792	-14.208	40.000	QUASIPEAK
2		151.500	12.833	11.600	24.432	-15.568	40.000	QUASIPEAK
3		229.250	13.177	12.300	25.477	-14.523	40.000	QUASIPEAK
4		300.000	16.907	9.500	26.407	-20.593	47.000	QUASIPEAK
5	*	594.010	24.070	8.800	32.870	-14.130	47.000	QUASIPEAK
6		1000.000	29.640	2.100	31.740	-15.260	47.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : site1	**Time : 2016/01/31 - 02:35**
Limit : CISPR_A_10M_QP	**Margin : 6**
EUT : Network Camera	**Probe : Site1_CBL6112_10M_1506 - VERTICAL**
Power : Power By PoE	**Note : Mode 1**

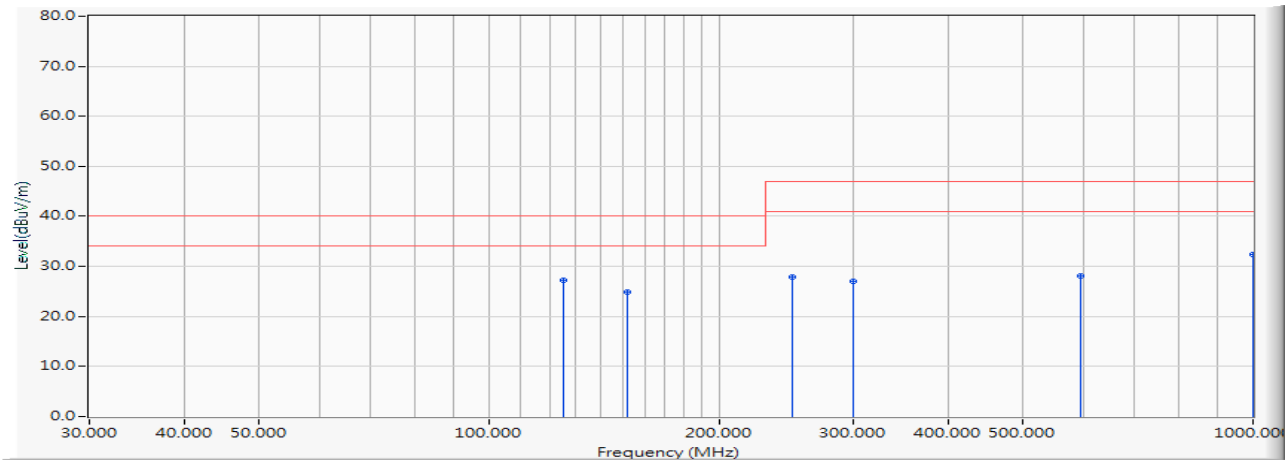


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	125.000	14.392	12.400	26.792	-13.208	40.000	QUASIPEAK
2		151.250	12.840	11.300	24.140	-15.860	40.000	QUASIPEAK
3		229.250	13.177	10.200	23.377	-16.623	40.000	QUASIPEAK
4		350.000	18.377	10.200	28.577	-18.423	47.000	QUASIPEAK
5		594.010	24.070	7.700	31.770	-15.230	47.000	QUASIPEAK
6		875.000	27.560	3.700	31.260	-15.740	47.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : site1	**Time : 2016/02/24 - 15:49**
Limit : CISPR_A_10M_QP	**Margin : 6**
EUT : Network Camera	**Probe : Site1_CBL6112_10M_1506 - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2**

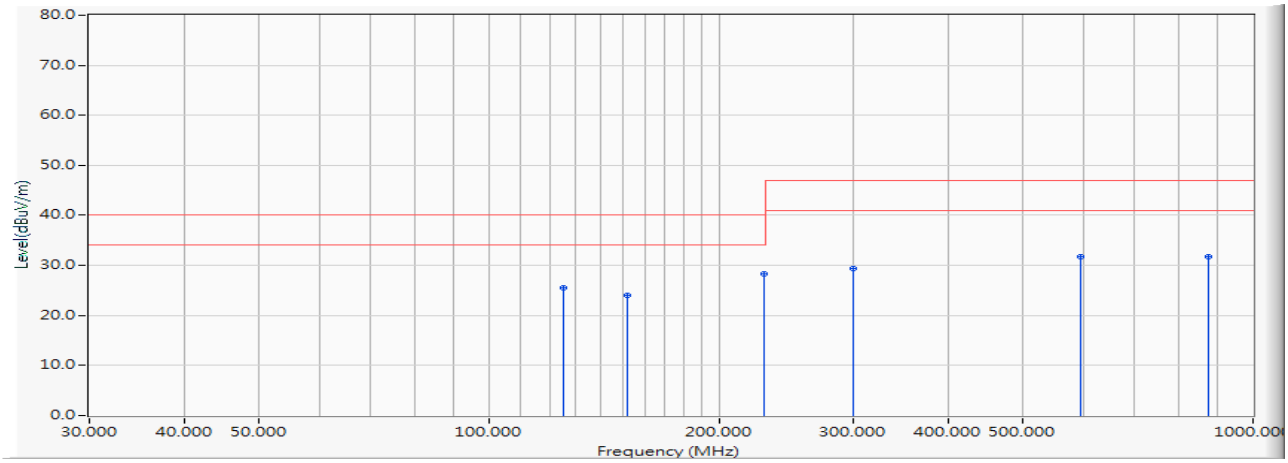


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	125.004	14.392	12.860	27.252	-12.748	40.000	QUASIPEAK
2		151.874	12.820	12.130	24.951	-15.049	40.000	QUASIPEAK
3		249.990	15.715	12.230	27.945	-19.055	47.000	QUASIPEAK
4		300.004	16.907	10.158	27.065	-19.935	47.000	QUASIPEAK
5		594.002	24.070	3.960	28.030	-18.970	47.000	QUASIPEAK
6		999.994	29.640	2.660	32.300	-14.700	47.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : site1	**Time : 2016/02/24 - 15:49**
Limit : CISPR_A_10M_QP	**Margin : 6**
EUT : Network Camera	**Probe : Site1_CBL6112_10M_1506 - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2**

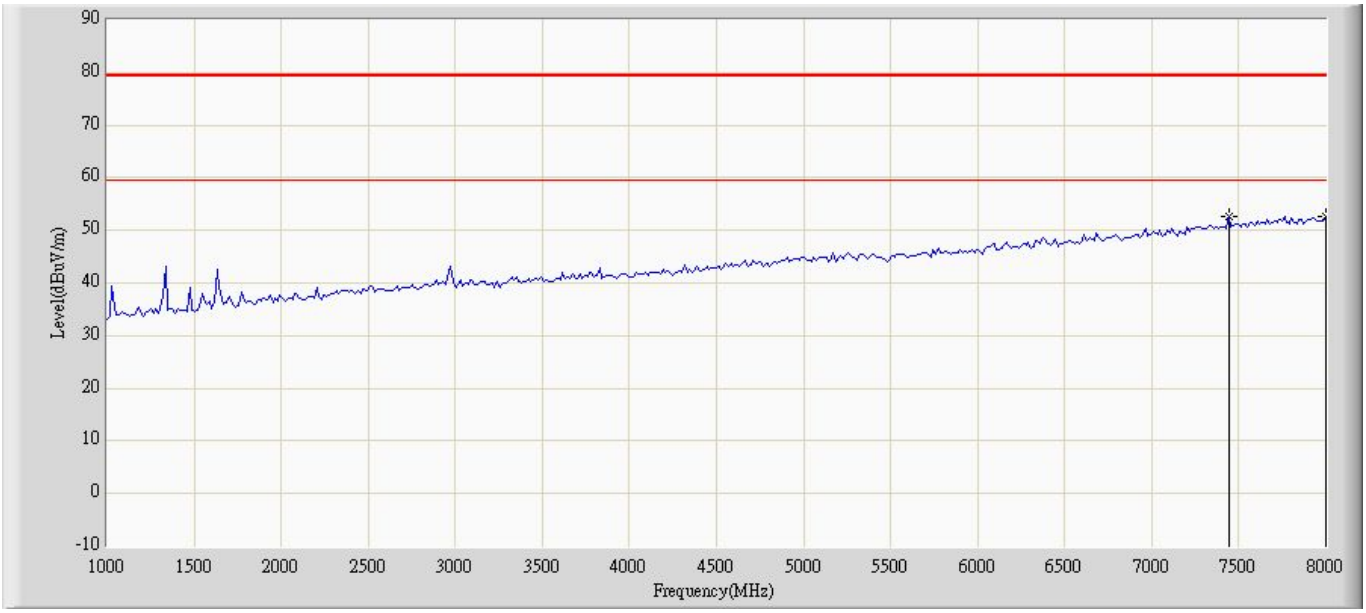


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		124.994	14.392	11.130	25.523	-14.477	40.000	QUASIPEAK
2		151.631	12.828	11.150	23.978	-16.022	40.000	QUASIPEAK
3	*	229.254	13.177	15.120	28.297	-11.703	40.000	QUASIPEAK
4		299.993	16.907	12.370	29.277	-17.723	47.000	QUASIPEAK
5		594.001	24.070	7.630	31.700	-15.300	47.000	QUASIPEAK
6		874.995	27.560	4.160	31.720	-15.280	47.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site: CB7	Time: 2016/02/03 - 19:55
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB7_Horn_9120D_1511	Polarity: Horizontal
EUT: Network Camera	Power: Power By PoE
Note: Mode 1	

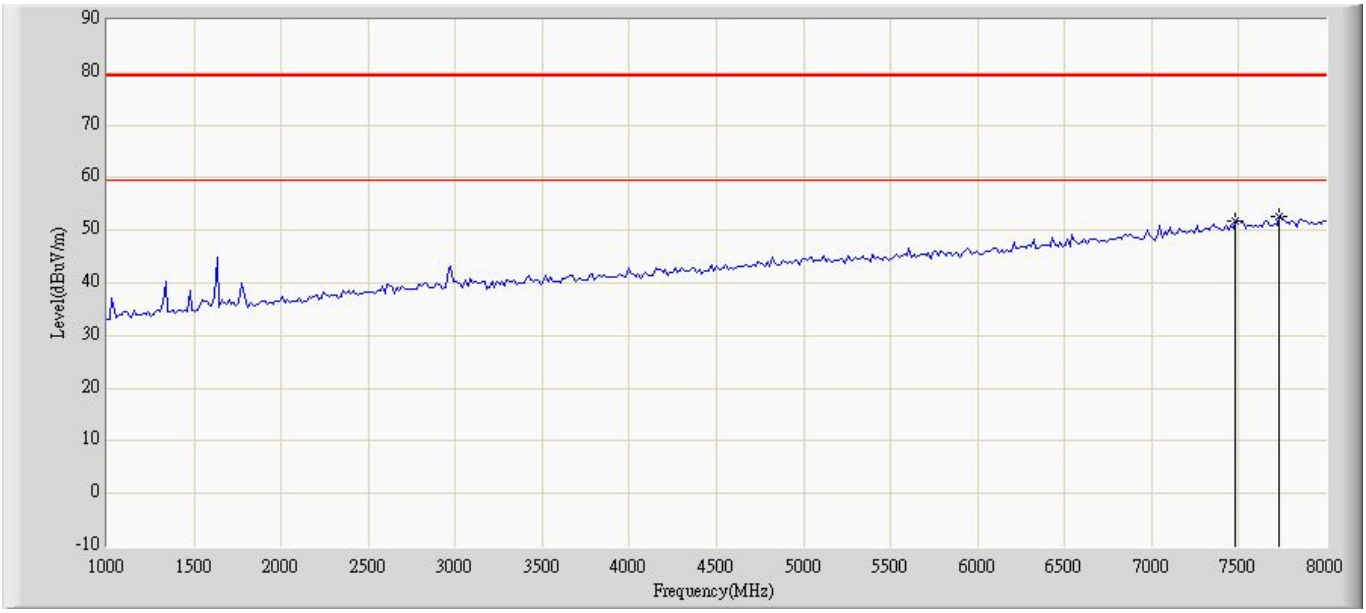


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	7440.000	52.662	34.339	-26.838	79.500	18.323	PK
2			8000.000	52.608	33.203	-26.892	79.500	19.406	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Site: CB7	Time: 2016/02/03 - 19:58
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB7_Horn_9120D_1511	Polarity: Vertical
EUT: Network Camera	Power: Power By PoE
Note: Mode 1	

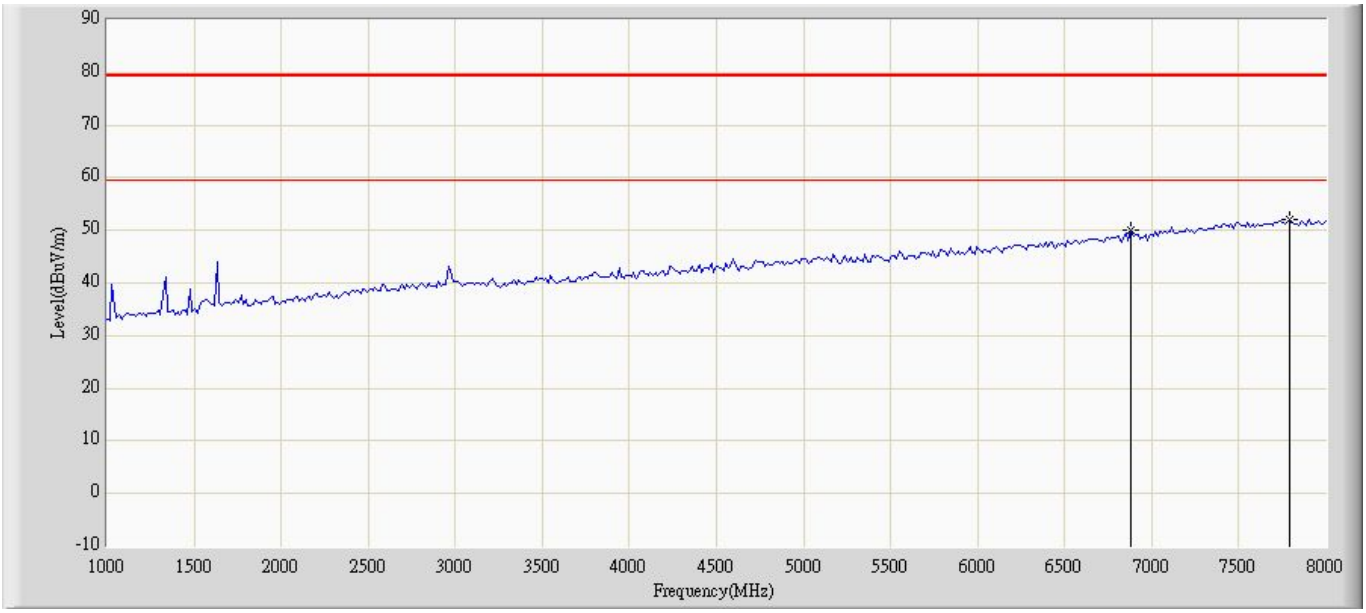


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			7482.000	51.657	33.115	-27.843	79.500	18.543	PK
2		*	7734.000	52.529	33.446	-26.971	79.500	19.082	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Site: CB7	Time: 2016/02/03 - 19:35
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB7_Horn_9120D_1511	Polarity: Horizontal
EUT: Network Camera	Power: AC 120V/60Hz
Note: Mode 2	

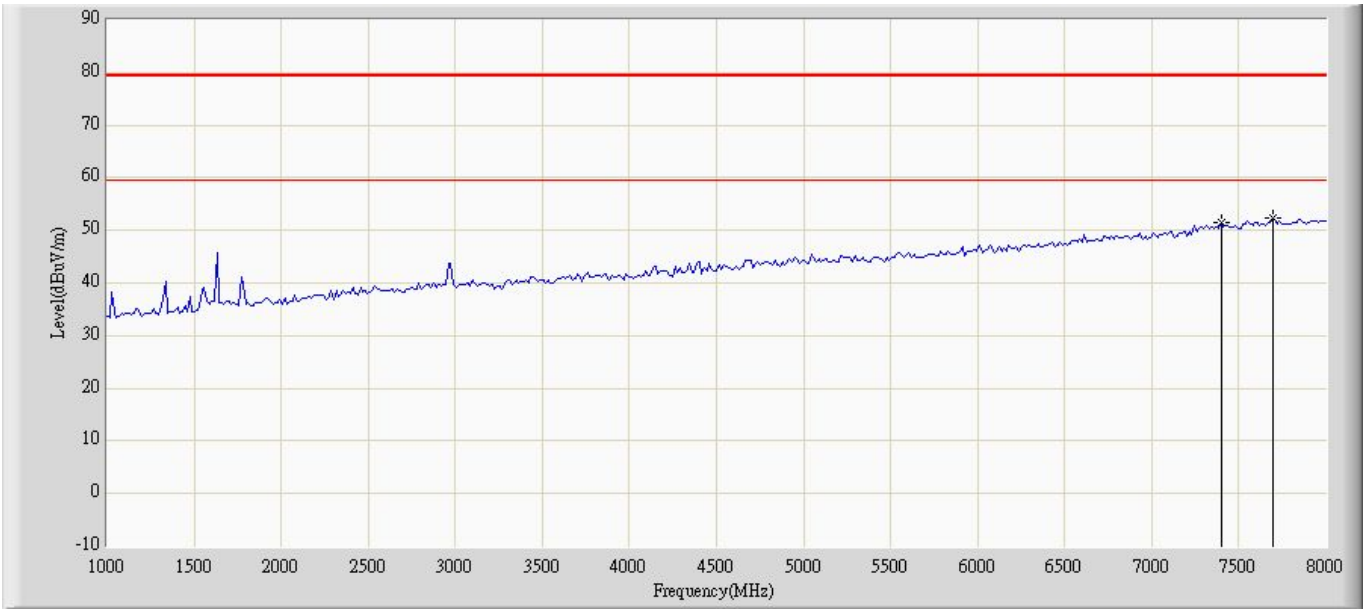


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			6880.000	50.027	33.823	-29.473	79.500	16.204	PK
2		*	7790.000	52.053	33.012	-27.447	79.500	19.041	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Site: CB7	Time: 2016/02/03 - 19:37
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB7_Horn_9120D_1511	Polarity: Vertical
EUT: Network Camera	Power: AC 120V/60Hz
Note: Mode 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			7398.000	51.535	33.193	-27.965	79.500	18.342	PK
2		*	7692.000	52.226	33.204	-27.274	79.500	19.022	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

4.6. Test Photograph

Test Mode : Mode 1: IB9371-HT, Poe MODE

Description : Front View of Radiated Test

Test Mode : Mode 1: IB9371-HT, Poe MODE

Description : Back View of Radiated Test

Test Mode : Mode 1: IB9371-HT, Poe MODE

Description : Front View of High Frequency Radiated Test

Test Mode : Mode 2: IB9371-HT, DC MODE

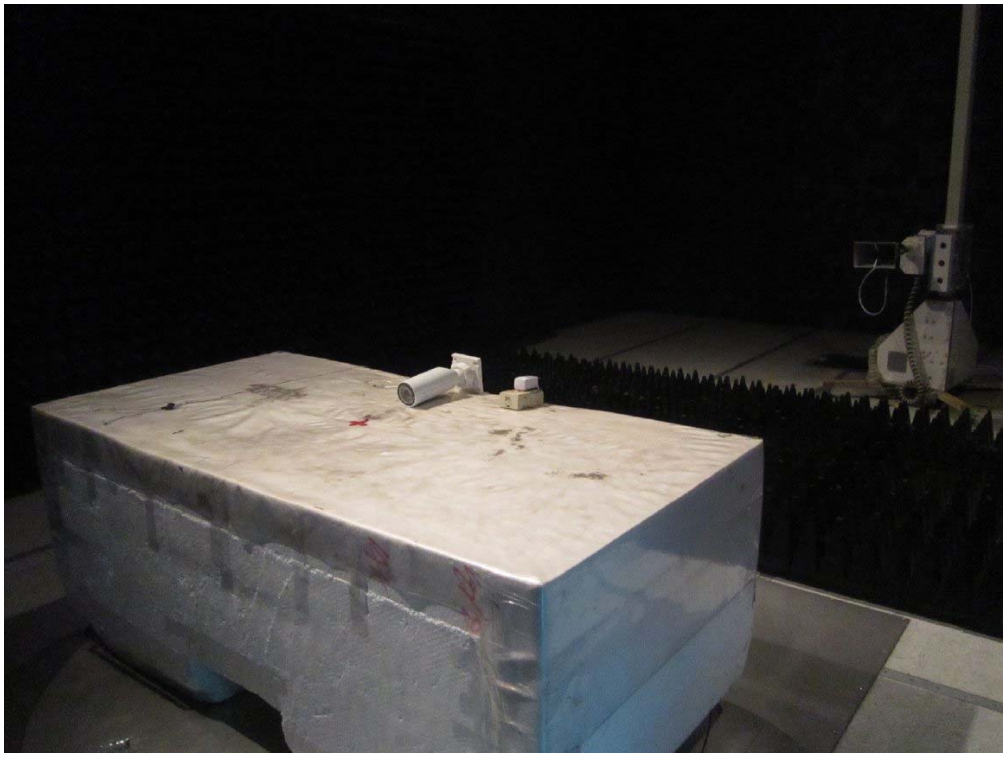
Description : Front View of Radiated Test

Test Mode : Mode 2: IB9371-HT, DC MODE

Description : Back View of Radiated Test

Test Mode : Mode 2: IB9371-HT, DC MODE

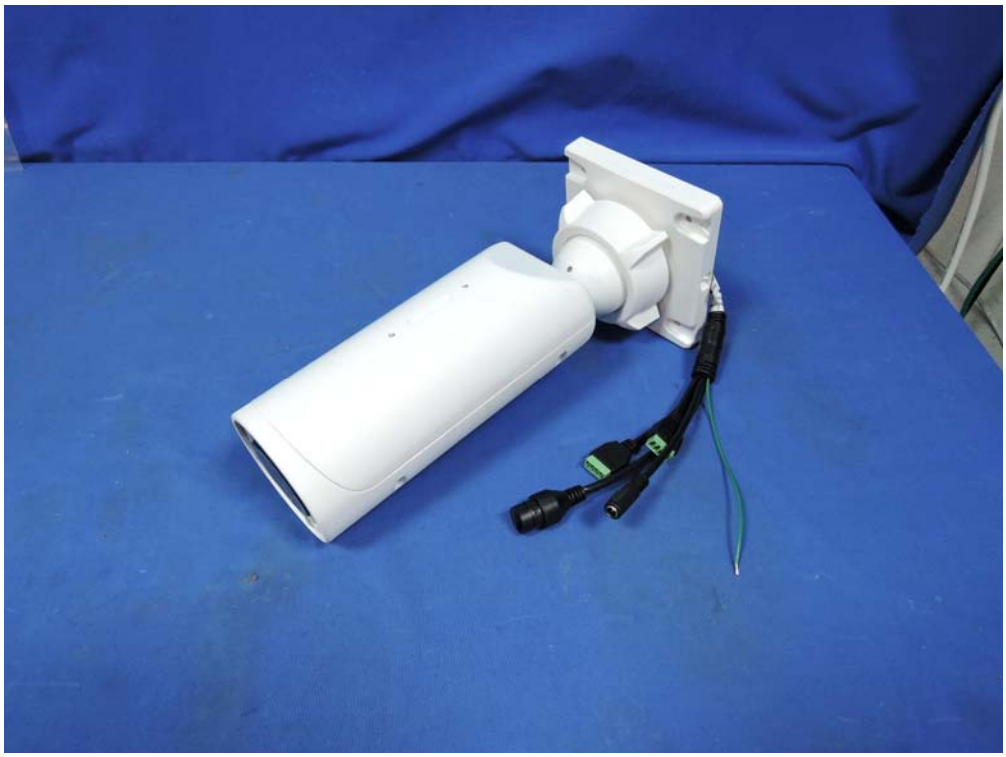
Description : Front View of High Frequency Radiated Test



5. Attachment

➢ EUT Photograph

(1) EUT Photo (M/N : IB9371-EHT)



(2) EUT Photo (M/N : IB9371-EHT)

(3) EUT Photo (M/N : IB9371-EHT)