

# FCC Appendix Report

Compliance with Canada Interference-Causing  
Equipment Standard ICES-003

Product Name : Network Camera

Model No. : FD9367-HV, FD9367-HTV, FD9367-EHTV

Applicant : VIVOTEK INC.

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

Date of Receipt : 2017/09/19

Issued Date : 2017/10/30

Report No. : 1790255R-ITUSP01V00

Report Version : V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

# Test Report

Issued Date : 2017/10/30  
Report No. : 1790255R-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. : FD9367-HV, FD9367-HTV, FD9367-EHTV

EUT Rated Voltage : DC 12V, By PoE

EUT Test Voltage : AC 120 V / 60 Hz, By PoE

Trade Name : VIVOTEK

Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2016 Class A  
CISPR 22: 2008, ANSI C63.4: 2014  
ICES-003 Issue 6: 2016 Class A

Test Result : Complied

Performed Location : DEKRA Testing and Certification Co., Ltd.  
Linkou Laboratory  
No. 5-22, Ruishukeng  
Linkou District, New Taipei City, 24451, Taiwan  
TEL:+866-2-8601-3788 / FAX:+886-2-8601-3789

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

Reviewed By : Sam Lin  
( Engineer / Sam Lin )

Approved By : [Signature]  
( Director / Vincent Lin )

## Laboratory Information

We, **DEKRA Testing and Certification Co., Ltd.**, 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:

<b>Taiwan R.O.C.</b>	<b>:</b>	<b>BSMI, NCC, TAF</b>
<b>Norway</b>	<b>:</b>	<b>DNV</b>
<b>USA</b>	<b>:</b>	<b>FCC</b>
<b>Japan</b>	<b>:</b>	<b>VCCI</b>

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site :

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : [http://www.dekra.com.tw/index\\_en.aspx](http://www.dekra.com.tw/index_en.aspx)

If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

### Hsin Chu Laboratory:

No.75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan (R.O.C.)

No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan

No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 310, Taiwan

TEL:+886-3-592-8858 / FAX:+886-3-592-8859

TEL:+886-3-582-8001 / FAX:+886-3-5828-958 E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.com)

### Lin Kou 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 : [info.tw@dekra.com](mailto:info.tw@dekra.com)

### Suzhou (China) Testing Laboratory :

No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006, Jiangsu,China

TEL : +86-512-6251-5088 / FAX : +86-512-6251-5098 E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.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.	FD9367-HV, FD9367-HTV, FD9367-EHTV

Note:

1. This appendix report was based on DEKRA report No.: 1780565R-ITUSP01V00.
2. The different is Forward to Class A
3. The EUT is including three models for different marketing requirement
4. EUT Max Frequency : 800MHz

## 1.2. Mode of Operation

DEKRA 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: FD9367-EHTV, Adapter	
Mode 2: FD9367-EHTV, PoE	
Final Test Mode	
Emission	Mode 1: FD9367-EHTV, Adapter Mode 2: FD9367-EHTV, PoE

Note:

According to pre-test data, we choose the worst case mode 1, 2 as the final and full testing.

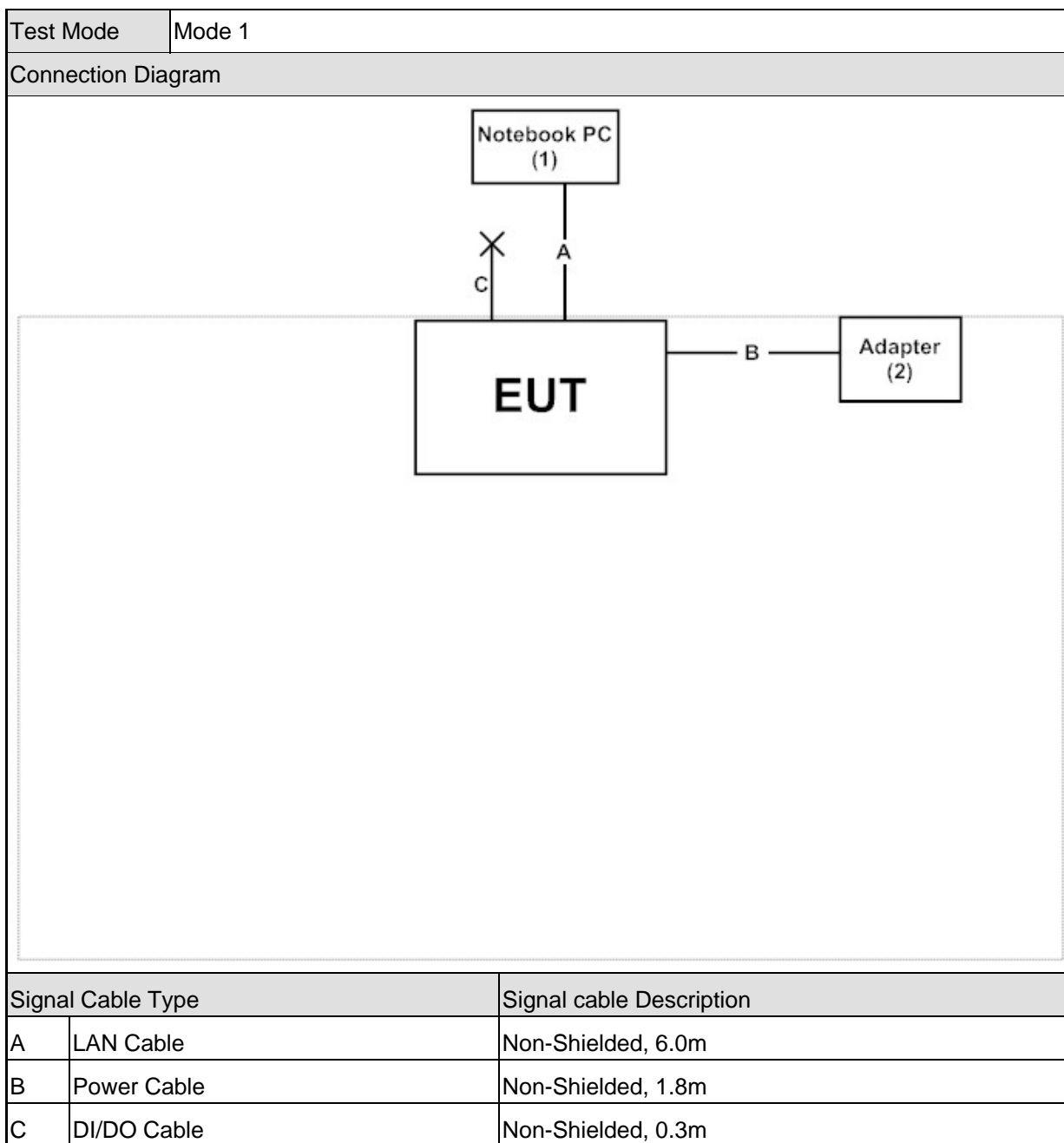
### 1.3. Tested System Details

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	Adapter	N/A	N/A	N/A	N/A

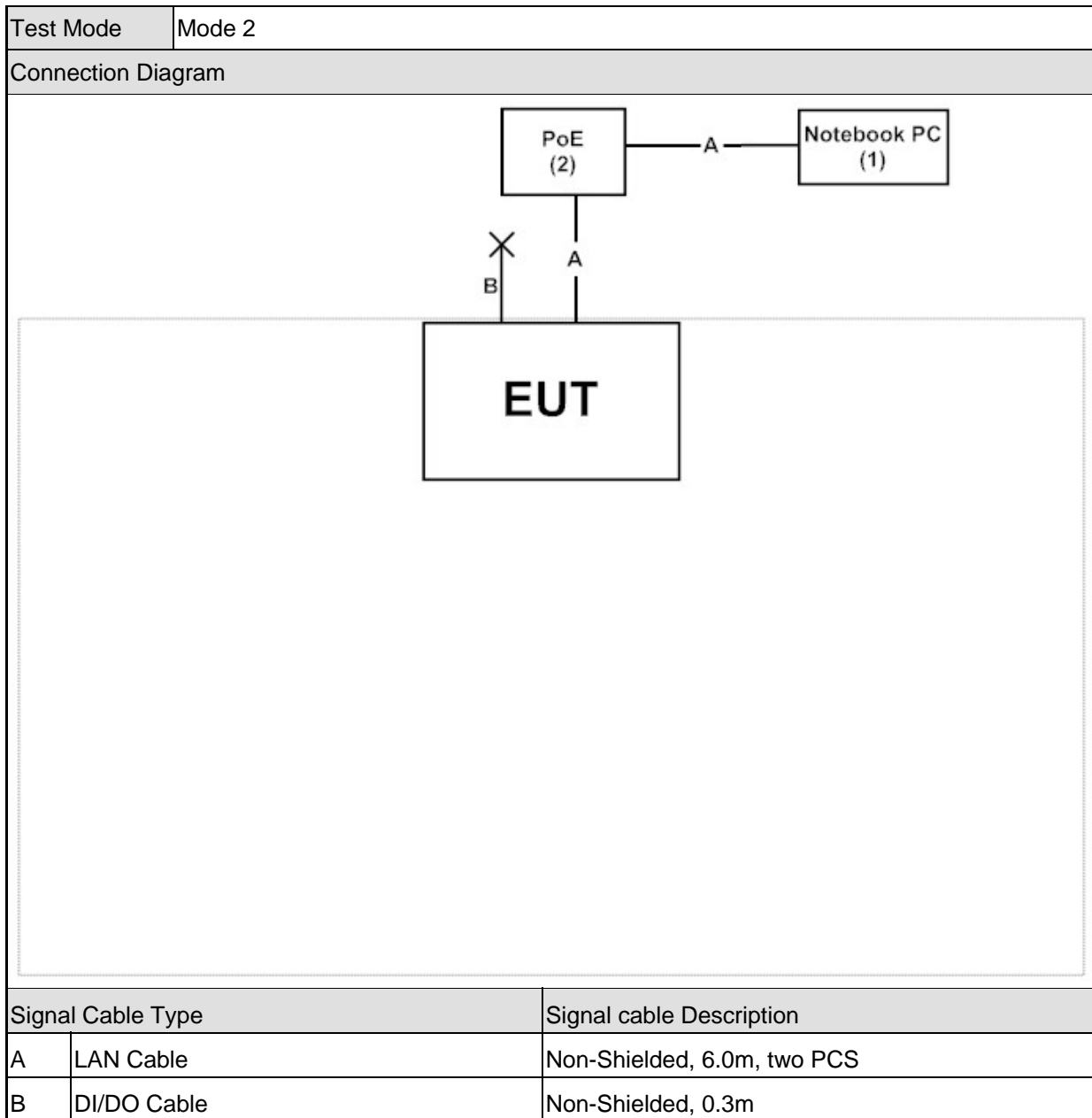
Test Mode		Mode 2			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	E5530	24QPXW1	Non-Shielded, 0.8m
2	PoE	N/A	N/A	N/A	N/A

### 1.4. Configuration of Tested System



**Note:**

- Use Full system setup configuration determines Worst-Case Mode.
- Use 2dB law program determines Max. Cable Configuration and Worst-Case Mode.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth to 3m from the EUT size sufficient to cover the procedure.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth non 3m distance sufficient to cover the size of the EUT program.



**Note:**

- Use Full system setup configuration determines Worst-Case Mode.
- Use 2dB law program determines Max. Cable Configuration and Worst-Case Mode.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth to 3m from the EUT size sufficient to cover the procedure.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth non 3m distance sufficient to cover the size of the EUT program.

### 1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Personal Computer reads data from disk.
4	Personal Computer sends "H" pattern to Monitor.
5	Personal Computer reads and writes data into and from modem.
6	Repeat the above procedure (4) to (5).

## 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: 2016 Class A, ANSI C63.4: 2014	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2016 Class A, ANSI C63.4: 2014	Yes	No

Note : Test Procedure  ANSI C63.4:2014  MP-5:1986

## 2.2. List of Test Equipment

### Conducted Emission / SR8

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCS 30	100369	2017/10/13
LISN	R&S	ESH3-Z5	836679/017	2017/01/18
LISN	R&S	ENV216	100097	2017/01/18
Coaxial Cable	DEKRA	RG 400	LC018-RG	2017/06/22

**Note:Test Receiver Detector:Quasipeak and Average Bandwidth:9KHz**

### Radiated Emission / Site 7

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2930	2017/06/25
EMI Test Receiver	R&S	ESCI	100649	2017/07/04
Coaxial Cable	DEKRA	RG 214	LC007-RG	2017/06/19
Pre-Amplifier	DEKRA	AP/0100A	CHM/1009094	2017/06/19
Site7 NSA	DEKRA	N/A	N/A	2017/06/19

**Note:Test Receiver Detector:Quasipeak Bandwidth:120KHz**

### Radiated Emission / CB8

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESR26	101385	2017/09/29
Horn Antenna	ETS-Lindgren	3117	00135205	2017/04/28
Pre-Amplifier	EMCI	EMC012630SE	980210	2017/02/24
CB8 VSWR	DEKRA	N/A	N/A	2017/06/12

### **2.3. Measurement Uncertainty**

#### Conducted Emission

The measurement uncertainty is evaluated as  $\pm 3.44$  dB.

#### Radiated Emission

The measurement uncertainty is evaluated as  $\pm 4.22$  dB.

#### Radiated Emission Above 1GHz

The measurement uncertainty is evaluated as  $\pm 5.08$  dB.

## 2.4. Test Environment

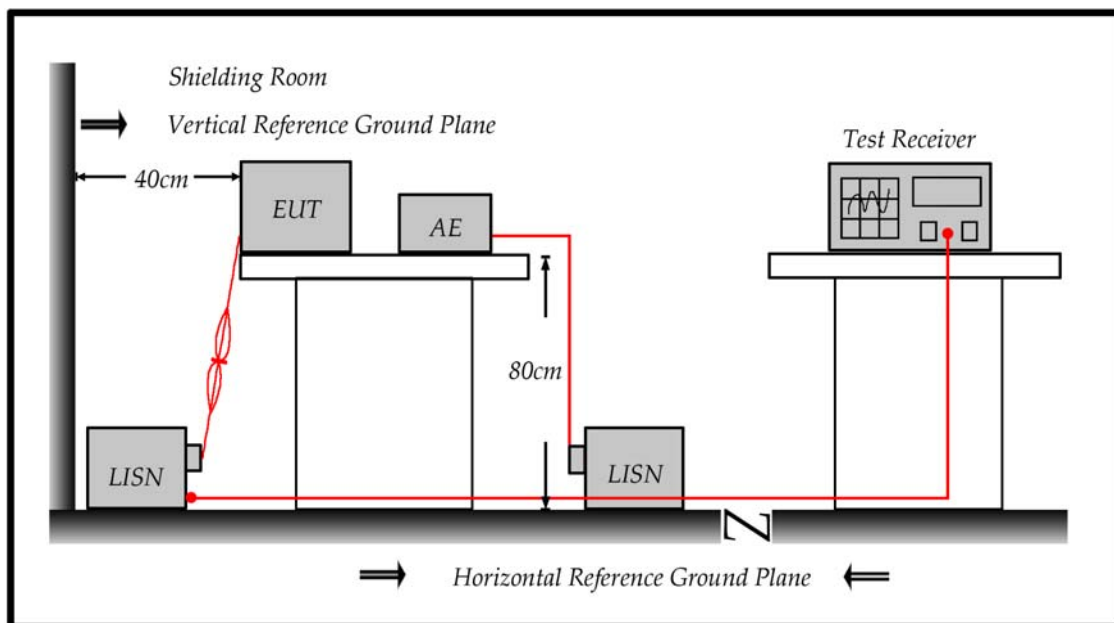
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	51
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	31.1
	Humidity (%RH)	25-75	51
	Barometric pressure (mbar)	860-1060	950-1000

### 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

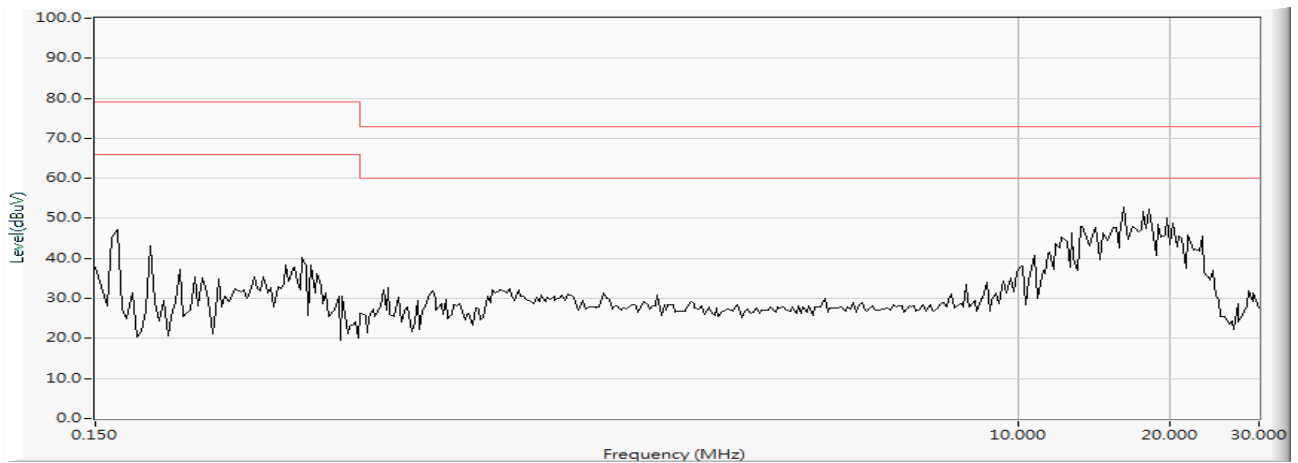
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling 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.

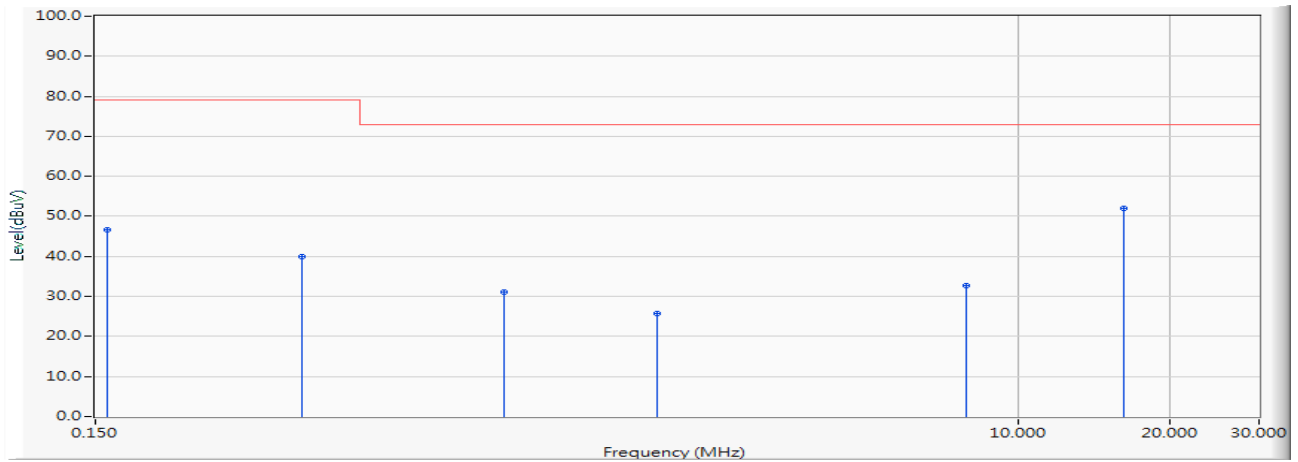
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

### 3.5. Test Result

Site : SR8	Time : 2017/09/27 - 17:17
Limit : CISPR_A_00M_QP	Margin : 13
EUT : Network Camera	Probe : ENV216_L1 - Line1
Power : AC 120V/60Hz to DC12V	Note : Mode 1



<b>Site : SR8</b>	<b>Time : 2017/09/27 - 17:18</b>
<b>Limit : CISPR_A_00M_QP</b>	<b>Margin : 0</b>
<b>EUT : Network Camera</b>	<b>Probe : ENV216_L1 - Line1</b>
<b>Power : AC 120V/60Hz to DC12V</b>	<b>Note : Mode 1</b>

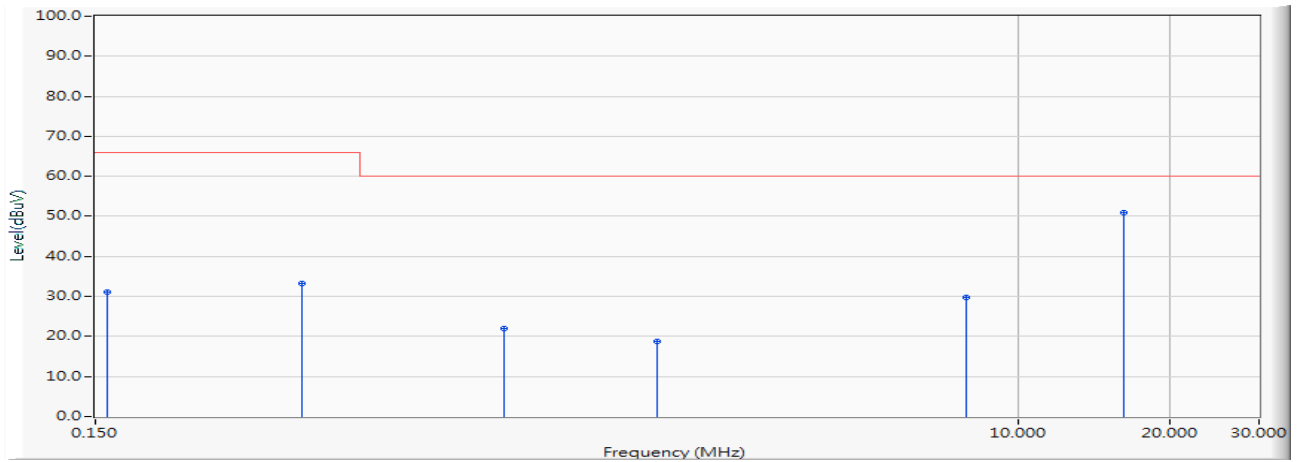


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.750	36.820	46.571	-32.429	79.000	QUASPEAK
2		0.384	9.739	30.180	39.919	-39.081	79.000	QUASPEAK
3		0.966	9.771	21.440	31.211	-41.789	73.000	QUASPEAK
4		1.939	9.713	16.040	25.753	-47.247	73.000	QUASPEAK
5		7.923	9.952	22.820	32.772	-40.228	73.000	QUASPEAK
6	*	16.228	10.037	41.870	51.907	-21.093	73.000	QUASPEAK

**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 (LISN factor + cable loss).

<b>Site : SR8</b>	<b>Time : 2017/09/27 - 17:18</b>
<b>Limit : CISPR_A_00M_AV</b>	<b>Margin : 0</b>
<b>EUT : Network Camera</b>	<b>Probe : ENV216_L1 - Line1</b>
<b>Power : AC 120V/60Hz to DC12V</b>	<b>Note : Mode 1</b>

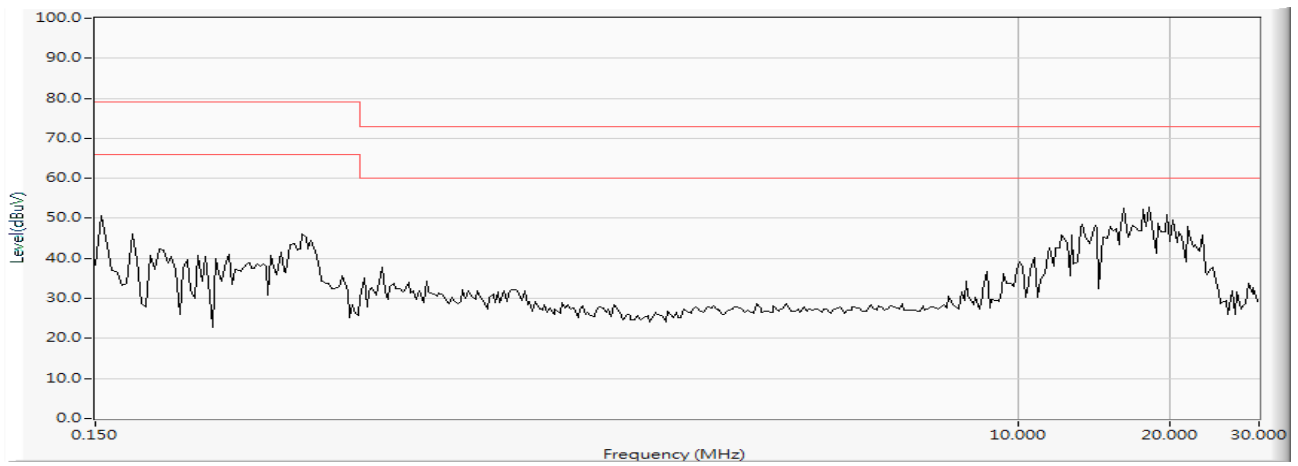


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.750	21.280	31.031	-34.969	66.000	AVERAGE
2		0.384	9.739	23.410	33.149	-32.851	66.000	AVERAGE
3		0.966	9.771	12.280	22.051	-37.949	60.000	AVERAGE
4		1.939	9.713	9.080	18.793	-41.207	60.000	AVERAGE
5		7.923	9.952	19.760	29.712	-30.288	60.000	AVERAGE
6	*	16.228	10.037	40.880	50.917	-9.083	60.000	AVERAGE

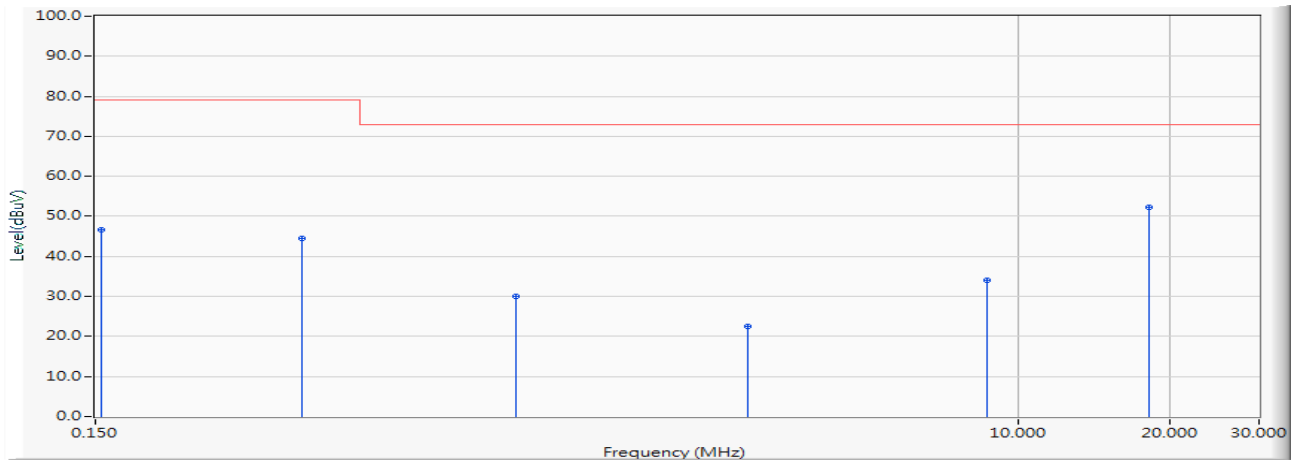
**Note:**

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 (LISN factor + cable loss).

<b>Site : SR8</b>	<b>Time : 2017/09/27 - 17:15</b>
<b>Limit : CISPR_A_00M_QP</b>	<b>Margin : 13</b>
<b>EUT : Network Camera</b>	<b>Probe : ENV216_N - Line2</b>
<b>Power : AC 120V/60Hz to DC12V</b>	<b>Note : Mode 1</b>



<b>Site : SR8</b>	<b>Time : 2017/09/27 - 17:17</b>
<b>Limit : CISPR_A_00M_QP</b>	<b>Margin : 0</b>
<b>EUT : Network Camera</b>	<b>Probe : ENV216_N - Line2</b>
<b>Power : AC 120V/60Hz to DC12V</b>	<b>Note : Mode 1</b>

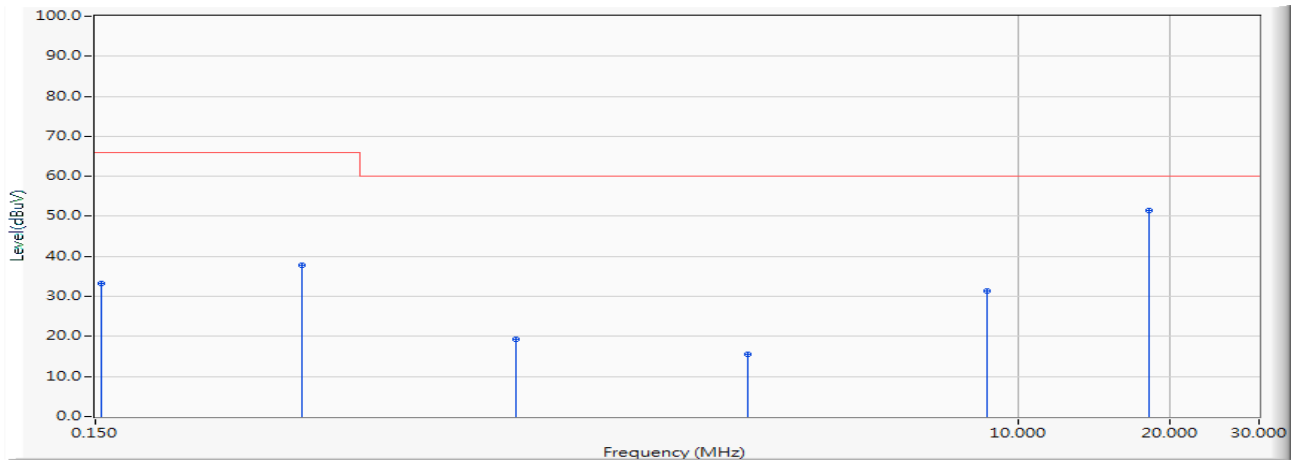


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.709	36.880	46.589	-32.411	79.000	QUASPEAK
2		0.384	9.764	34.760	44.524	-34.476	79.000	QUASPEAK
3		1.021	9.894	20.190	30.084	-42.916	73.000	QUASPEAK
4		2.927	9.886	12.690	22.576	-50.424	73.000	QUASPEAK
5		8.716	10.019	24.150	34.169	-38.831	73.000	QUASPEAK
6	*	18.244	10.216	41.940	52.156	-20.844	73.000	QUASPEAK

**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 (LISN factor + cable loss).

<b>Site : SR8</b>	<b>Time : 2017/09/27 - 17:17</b>
<b>Limit : CISPR_A_00M_AV</b>	<b>Margin : 0</b>
<b>EUT : Network Camera</b>	<b>Probe : ENV216_N - Line2</b>
<b>Power : AC 120V/60Hz to DC12V</b>	<b>Note : Mode 1</b>



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.709	23.550	33.259	-32.741	66.000	AVERAGE
2		0.384	9.764	28.030	37.794	-28.206	66.000	AVERAGE
3		1.021	9.894	9.380	19.274	-40.726	60.000	AVERAGE
4		2.927	9.886	5.540	15.426	-44.574	60.000	AVERAGE
5		8.716	10.019	21.300	31.319	-28.681	60.000	AVERAGE
6	*	18.244	10.216	41.160	51.376	-8.624	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 (LISN factor + cable loss).

### 3.6. Test Photograph

Test Mode : Mode 1: FD9367-EHTV, Adapter

Description : Front View of Conducted Test



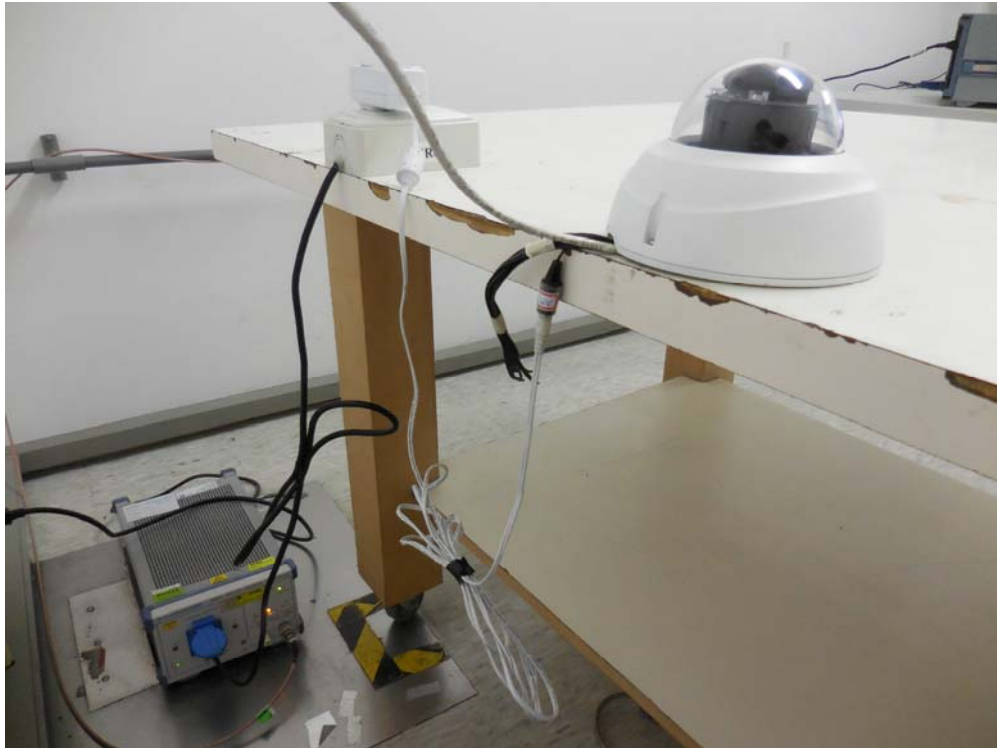
Test Mode : Mode 1: FD9367-EHTV, Adapter

Description : Back View of Conducted Test



Test Mode : Mode 1: FD9367-EHTV, Adapter

Description : Back View of Conducted Test



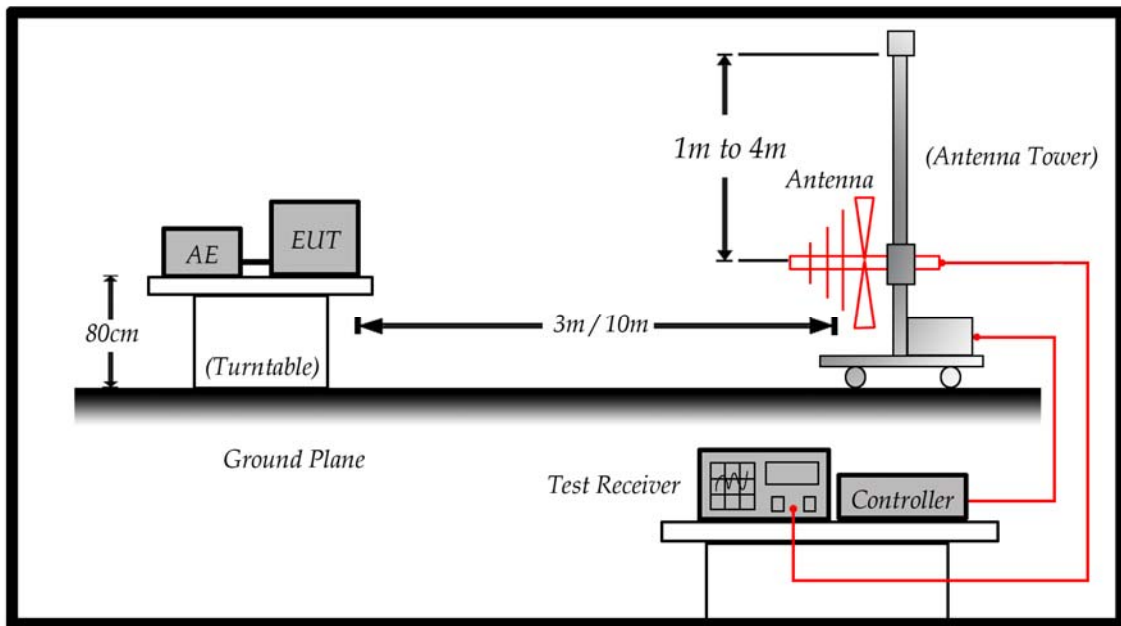
## 4. Radiated Emission

### 4.1. Test Specification

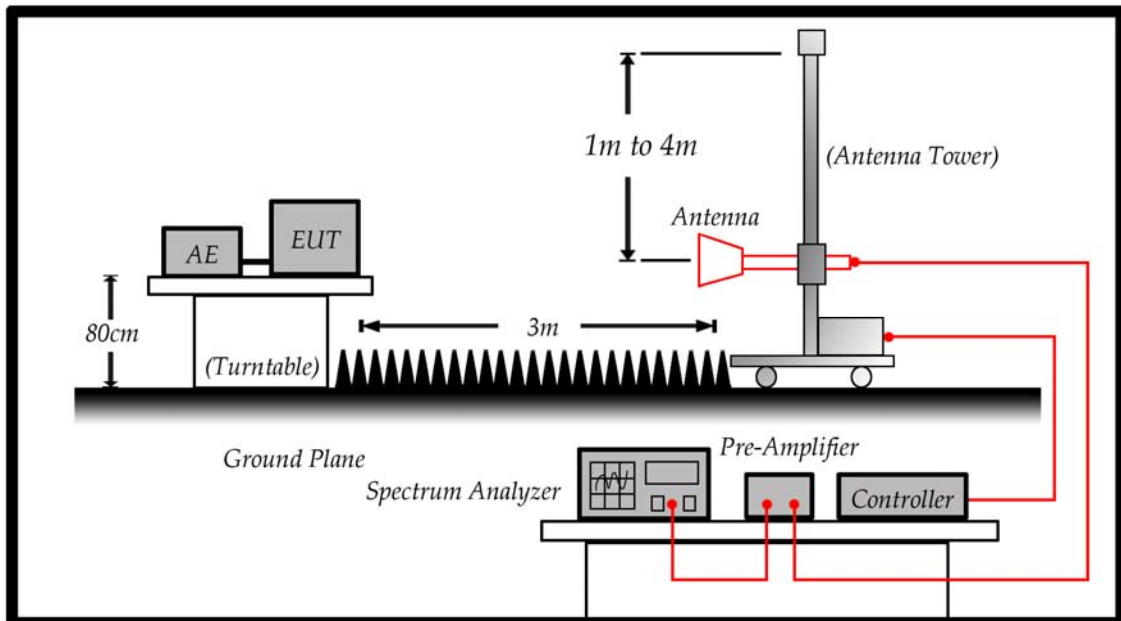
According to EMC Standard : FCC Part 15 Subpart B, ANSI C63.4

### 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 following 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 <sup>th</sup> 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.

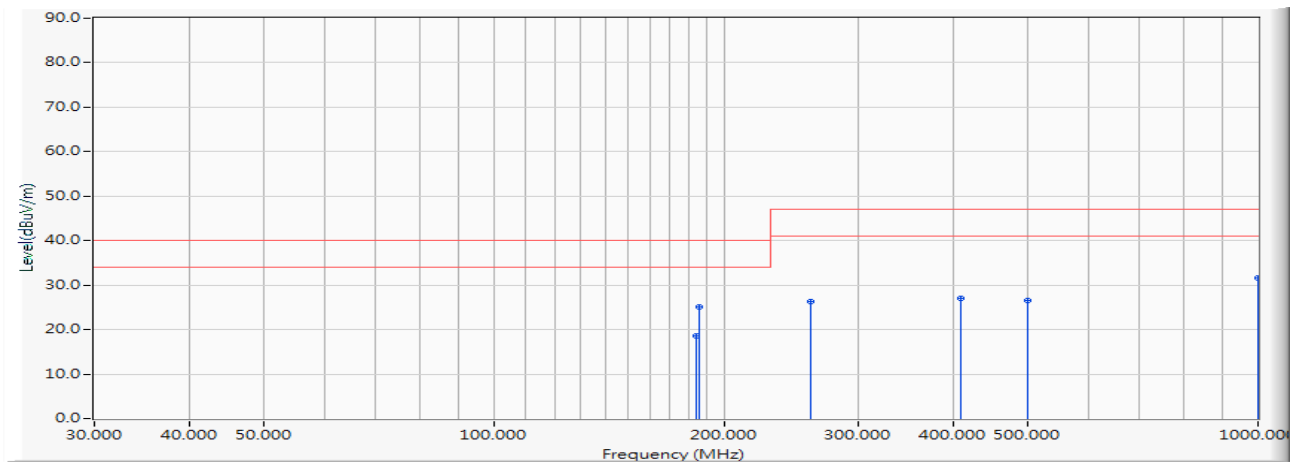
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

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 : SITE7	Time : 2017/09/20 - 17:40
Limit : CISPR_A_10M_QP	Margin : 6
EUT : Network Camera	Probe : Site7_CBL6112B_10M_1706 - HORIZONTAL
Power : AC 120V/60Hz to DC12V	Note : Mode 1

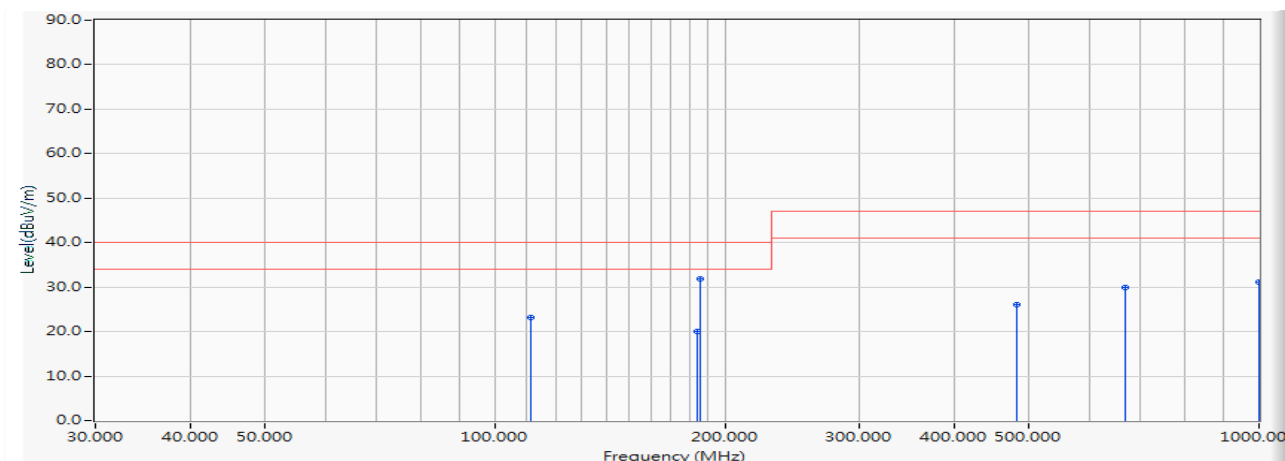


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		184.240	-14.350	33.000	18.650	-21.350	40.000	QUASPEAK	390.000	-128.000
2	*	185.620	-14.351	39.400	25.050	-14.950	40.000	QUASPEAK	400.000	98.000
3		259.870	-8.912	35.200	26.288	-20.712	47.000	QUASPEAK	390.000	128.000
4		408.400	-4.937	32.000	27.063	-19.937	47.000	QUASPEAK	220.000	-126.000
5		500.000	-2.549	29.000	26.451	-20.549	47.000	QUASPEAK	200.000	13.000
6		1000.000	5.300	26.400	31.700	-15.300	47.000	QUASPEAK	100.000	134.000

**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 (ant factor + cable loss - amp).

Site : SITE7	Time : 2017/09/20 - 17:40
Limit : CISPR_A_10M_QP	Margin : 6
EUT : Network Camera	Probe : Site7_CBL6112B_10M_1706 - VERTICAL
Power : AC 120V/60Hz to DC12V	Note : Mode 1

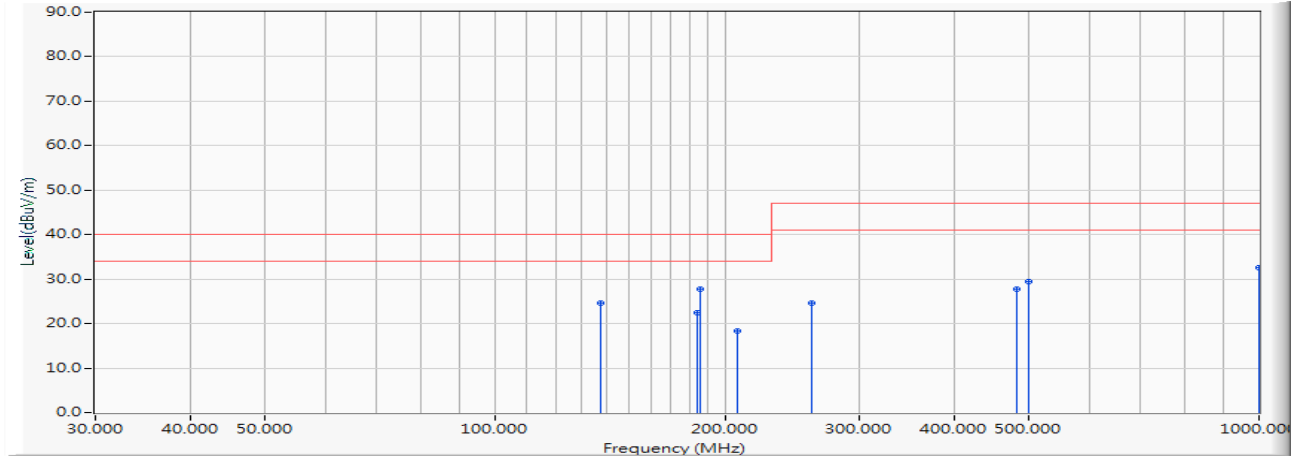


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	111.600	-12.498	35.600	23.102	-16.898	40.000	QUASIPeAK	100.000	132.000
2	184.260	-14.350	34.400	20.050	-19.950	40.000	QUASIPeAK	100.000	138.000
3	* 185.620	-14.351	46.100	31.750	-8.250	40.000	QUASIPeAK	100.000	131.000
4	482.630	-2.958	28.900	25.943	-21.057	47.000	QUASIPeAK	300.000	142.000
5	668.260	0.470	29.500	29.970	-17.030	47.000	QUASIPeAK	260.000	134.000
6	1000.000	5.300	25.800	31.100	-15.900	47.000	QUASIPeAK	168.000	131.000

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 (ant factor + cable loss - amp).

Site : SITE7	Time : 2017/09/20 - 17:46
Limit : CISPR_A_10M_QP	Margin : 6
EUT : Network Camera	Probe : Site7_CBL6112B_10M_1706 - HORIZONTAL
Power : Power By PoE	Note : Mode 2

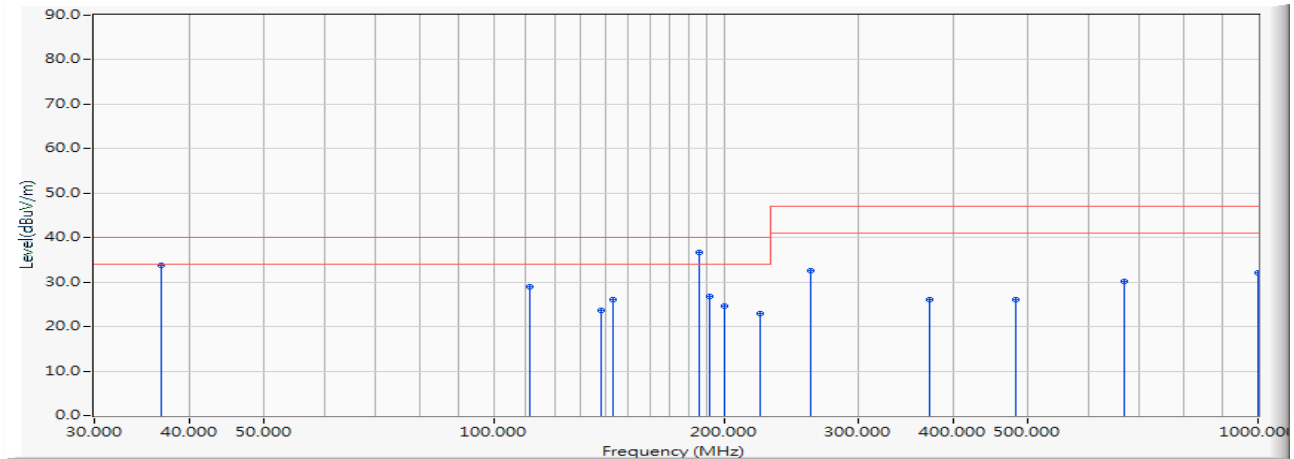


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	137.460	-12.505	37.000	24.494	-15.506	40.000	QUASPEAK	400.000	-182.000
2	184.240	-14.350	36.800	22.450	-17.550	40.000	QUASPEAK	400.000	-114.000
3	* 185.620	-14.351	42.200	27.850	-12.150	40.000	QUASPEAK	400.000	-114.000
4	207.200	-13.847	32.200	18.353	-21.647	40.000	QUASPEAK	390.000	16.000
5	259.880	-8.911	33.500	24.589	-22.411	47.000	QUASPEAK	400.000	-102.000
6	482.640	-2.958	30.600	27.643	-19.357	47.000	QUASPEAK	210.000	134.000
7	500.000	-2.549	32.000	29.451	-17.549	47.000	QUASPEAK	200.000	116.000
8	1000.000	5.300	27.200	32.500	-14.500	47.000	QUASPEAK	100.000	134.000

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 (ant factor + cable loss - amp).

Site : SITE7	Time : 2017/09/20 - 17:47
Limit : CISPR_A_10M_QP	Margin : 6
EUT : Network Camera	Probe : Site7_CBL6112B_10M_1706 - VERTICAL
Power : Power By PoE	Note : Mode 2

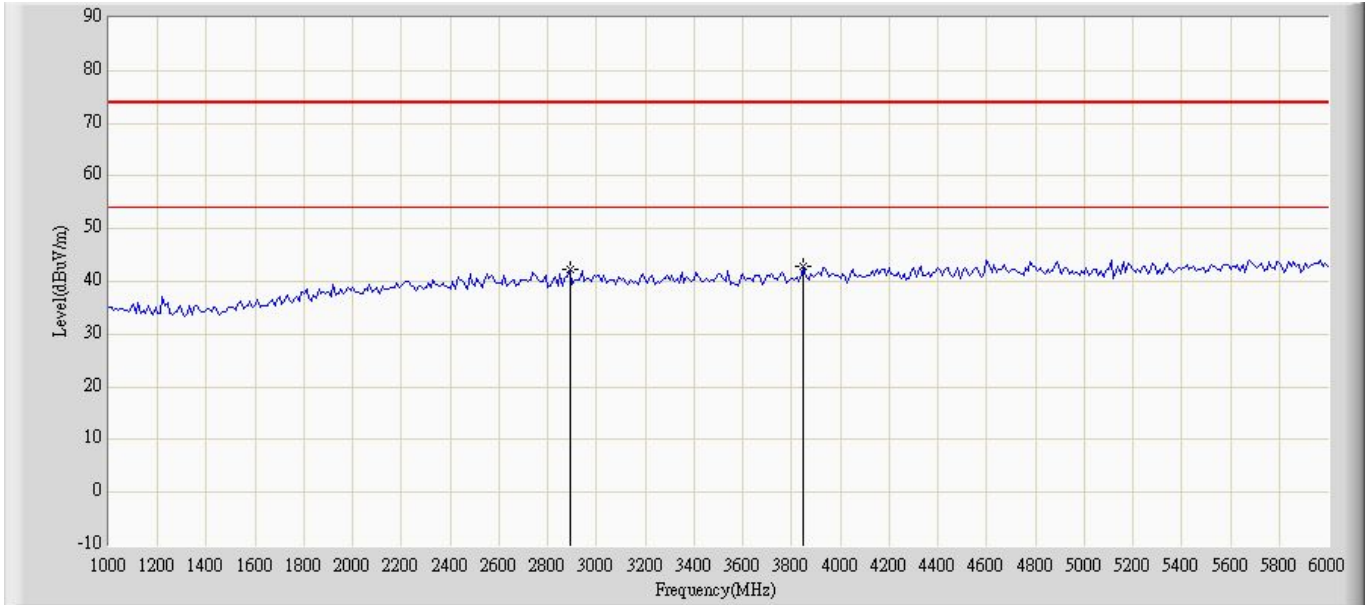


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	36.700	-9.921	43.800	33.879	-6.121	40.000	QUASPEAK	100.000	152.000
2	111.570	-12.498	41.500	29.002	-10.998	40.000	QUASPEAK	100.000	-198.000
3	138.420	-12.533	36.200	23.667	-16.333	40.000	QUASPEAK	100.000	-184.000
4	143.300	-12.818	38.900	26.082	-13.918	40.000	QUASPEAK	100.000	186.000
5	* 185.620	-14.351	51.000	36.650	-3.350	40.000	QUASPEAK	100.000	-34.000
6	191.190	-14.291	41.000	26.709	-13.291	40.000	QUASPEAK	100.000	121.000
7	200.000	-13.787	38.400	24.613	-15.387	40.000	QUASPEAK	100.000	126.000
8	222.760	-13.375	36.300	22.925	-17.075	40.000	QUASPEAK	100.000	-42.000
9	259.880	-8.911	41.400	32.489	-14.511	47.000	QUASPEAK	100.000	-6.000
10	371.250	-6.258	32.300	26.042	-20.958	47.000	QUASPEAK	100.000	-191.000
11	482.630	-2.958	29.000	26.043	-20.957	47.000	QUASPEAK	330.000	-46.000
12	668.260	0.470	29.600	30.070	-16.930	47.000	QUASPEAK	250.000	179.000
13	1000.000	5.300	26.800	32.100	-14.900	47.000	QUASPEAK	165.000	120.000

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 (ant factor + cable loss - amp).

Site: CB8	Time: 2017/09/27 - 22:29
Limit: FCC_B_(Above_1G)	Margin: 0
Probe: CB8_Horn_3117_1704	Polarity: Horizontal
EUT: Network Camera	Power : AC 120V/60Hz to DC12V
Note: Mode 1	

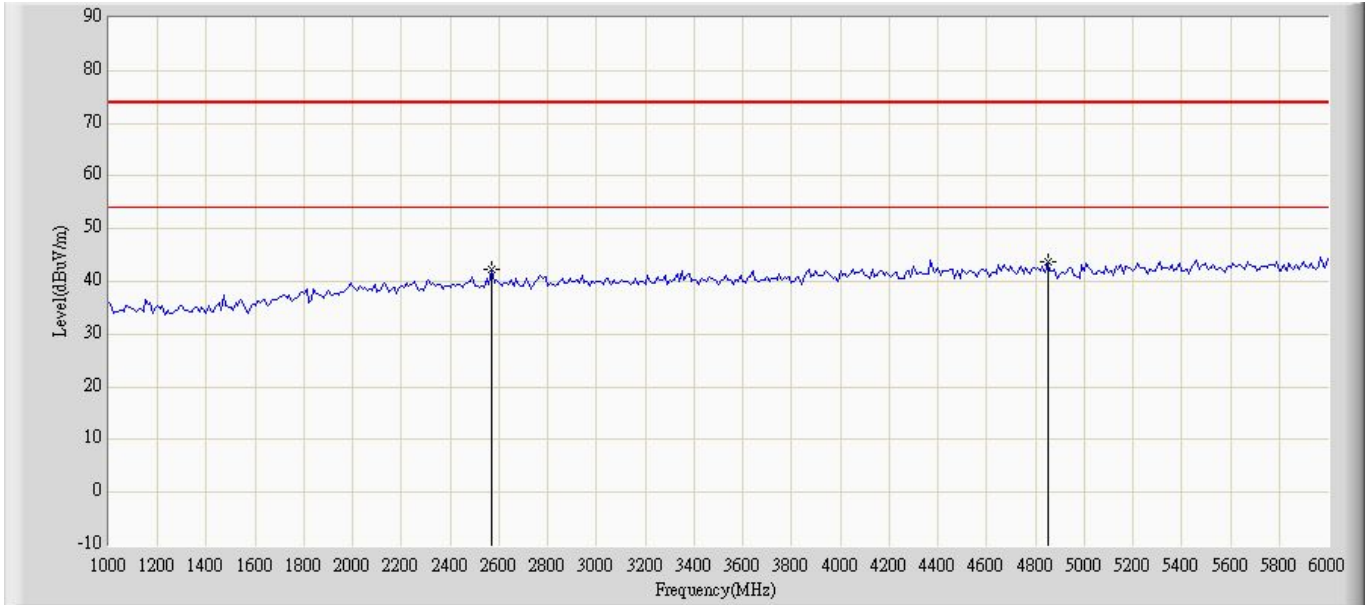


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Ant Pos (cm)	Table Pos (deg)	Type
1			2890.000	42.229	38.742	-31.771	74.000	3.488	100	124	PK
2		*	3850.000	42.866	37.779	-31.134	74.000	5.087	100	-54	PK

**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(ant factor + cable loss - amp).

Site: CB8	Time: 2017/09/27 - 22:30
Limit: FCC_B_(Above_1G)	Margin: 0
Probe: CB8_Horn_3117_1704	Polarity: Vertical
EUT: Network Camera	Power : AC 120V/60Hz to DC12V
Note: Mode 1	

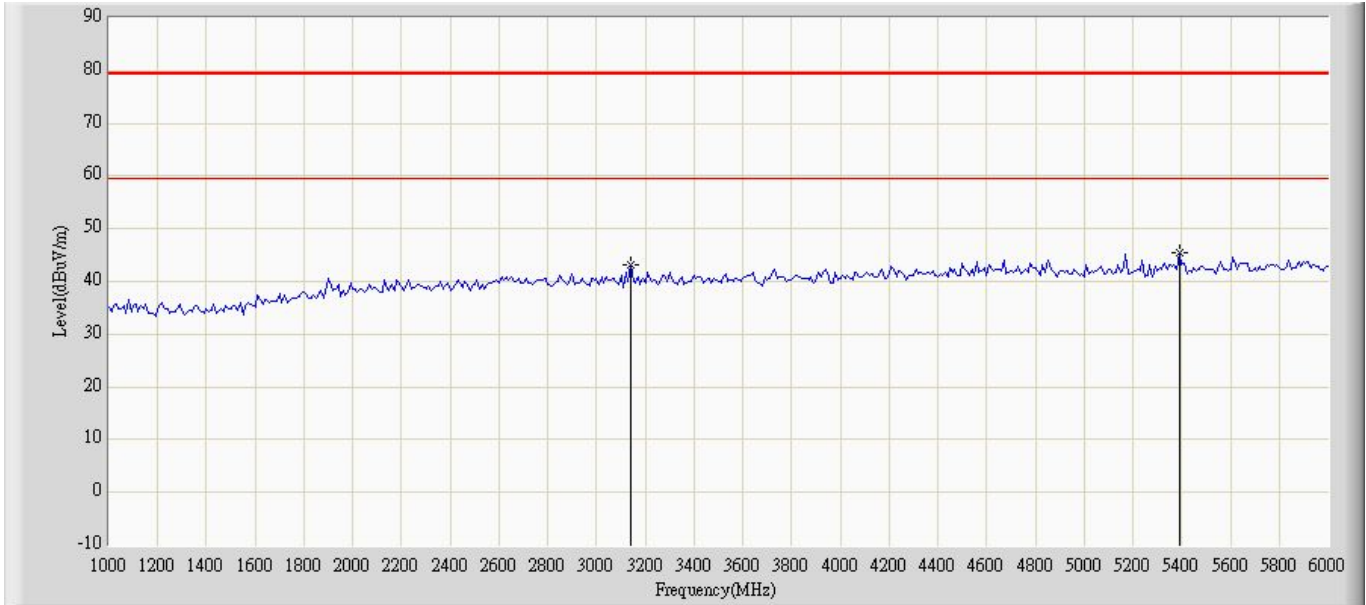


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Ant Pos (cm)	Table Pos (deg)	Type
1			2570.000	42.315	39.624	-31.685	74.000	2.691	100	4	PK
2		*	4850.000	43.689	36.692	-30.311	74.000	6.997	100	56	PK

**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(ant factor + cable loss - amp).

Site: CB8	Time: 2017/09/27 - 22:34
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB8_Horn_3117_1704	Polarity: Horizontal
EUT: Network Camera	Power : Power By PoE
Note: Mode 2	

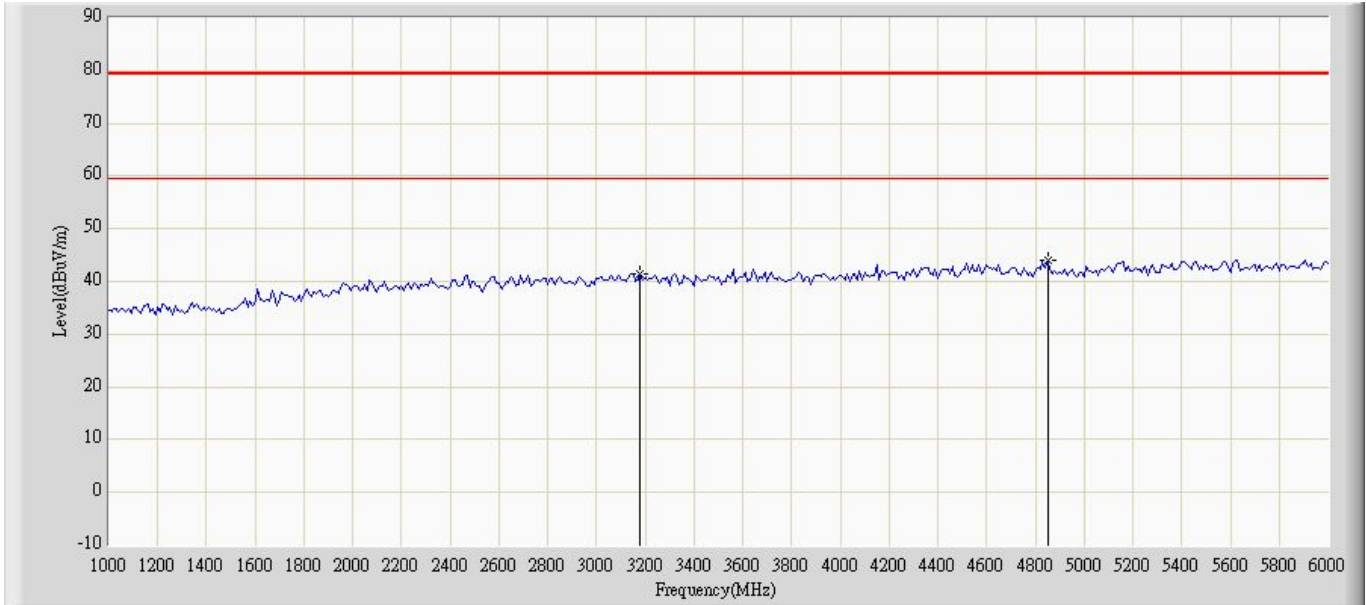


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Ant Pos (cm)	Table Pos (deg)	Type
1			3140.000	43.023	39.201	-36.477	79.500	3.822	100	-188	PK
2		*	5390.000	45.444	37.194	-34.056	79.500	8.250	100	124	PK

**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(ant factor + cable loss - amp).

Site: CB8	Time: 2017/09/27 - 22:34
Limit: FCC_A_(Above_1G)	Margin: 0
Probe: CB8_Horn_3117_1704	Polarity: Vertical
EUT: Network Camera	Power : Power By PoE
Note: Mode 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Ant Pos (cm)	Table Pos (deg)	Type
1			3180.000	41.574	37.620	-37.926	79.500	3.954	100	132	PK
2		*	4850.000	43.893	36.896	-35.607	79.500	6.997	100	156	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(ant factor + cable loss - amp).

#### 4.6. Test Photograph

Test Mode: Mode 1: FD9367-EHTV, Adapter

Description: Front View of Radiated Test



Test Mode: Mode 1: FD9367-EHTV, Adapter

Description: Back View of Radiated Test



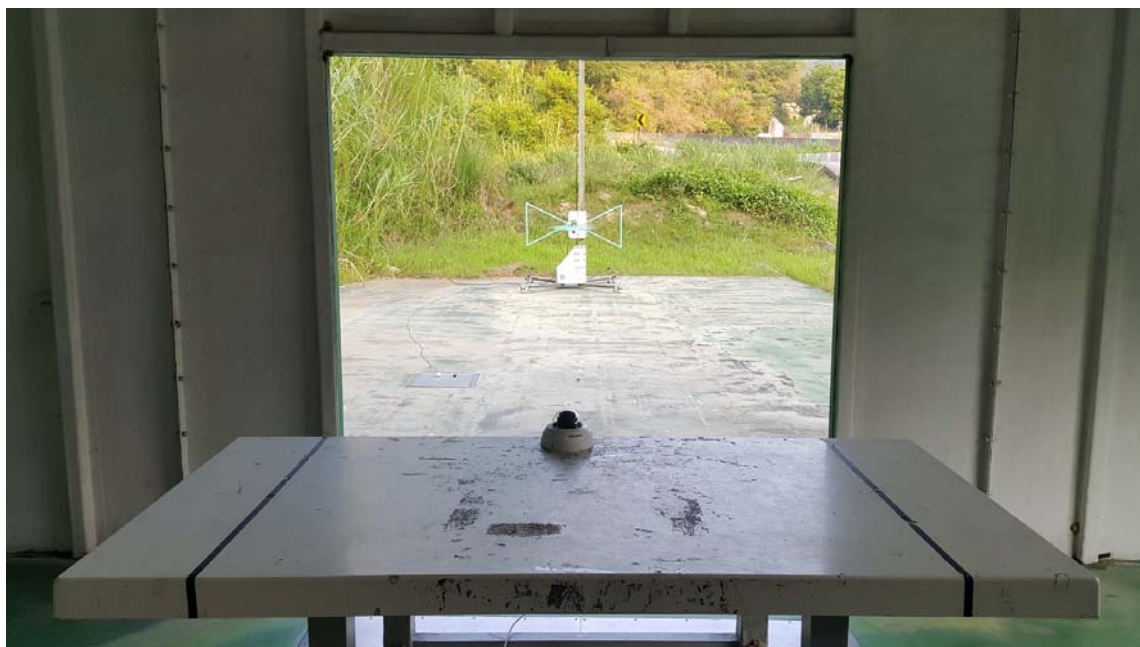
Test Mode: Mode 1: FD9367-EHTV, Adapter

Description : Front View of High Frequency Radiated Test



Test Mode: Mode 2: FD9367-EHTV, PoE

Description: Front View of Radiated Test



Test Mode: Mode 2: FD9367-EHTV, PoE  
Description: Back View of Radiated Test



Test Mode: Mode 2: FD9367-EHTV, PoE  
Description : Front View of High Frequency Radiated Test



**5. Attachment**

➤ **EUT Photograph**

(1) EUT Photo



(2) EUT Photo

