DECLARATION OF CONFORMITY

DECLARATION OF CONFORMITY

We; Samsung Techwin Co., Ltd.
DECLARE UNDER OUR SOLE RESPONSIBILITY THAT THE PRODUCT;

Report No:	**KES-E1-15T0057**
Type of equipment:	**NETWORK CAMERA**
Model Name:	**SNV-L6083RP**
Applicant:	**Samsung Techwin Co., Ltd.**
Address:	**84, Jeongdong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea**
Manufacturer :	**TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO.,LTD**
Address:	**No.11 Weiliu Road. Micro-Electronic Industrial Park Jingang Road Tianjin 300385, China**
Test standards :	**AS/NZS CISPR22:2009+A1:2010**
Classification:	**C-Tick**

The above equipment was tested by EMC compliance Testing Laboratory for with the requirements of C-tick Rules and Regulations. The results of testing in this report apply to the product / system which was tested only.

Feb. 27. 2015
(Date of issue)

(Name and signature of authorized person)

AS/NZS EMI Test Report

Test Report No.	:	KES-E1-15T0057
Date of Issue	:	02. 27. 2015
Description of Product	:	NETWORK CAMERA
Model No.	:	SNV-L6083RP
Variant Model	:	-
Applicant	:	**Samsung Techwin Co., Ltd.**
Address	:	84, Jeongdong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea
Manufacturer	:	TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO.,LTD
Address	:	No.11 Weiliu Road. Micro-Electronic Industrial Park Jingang Road Tianjin 300385, China
Applicable Regulation	:	AS/NZS CISPR22:2009 + A1:2010

Date of Receipt	**:**	02. 05.2015
Test Date	:	02. 12. 2015 - 02. 13. 2015

Tested by: Tae Yeon, Kim
Test Engineer

Reviewed by: Dong Hun, Jang
Technical Manager

Testing Laboratories for Safety and RF Compliance
C-3701 40, Simin-daero 365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 431-716, Korea
Tel: +82-31-425-6200 / Fax: +82-31-424-0450

Testing Laboratories for EMC Compliance
473-29, Gayeo-ro, Yeoju-si, Gyeonggi-do, Korea
Tel : +82-31-883-5092 / Fax: +82-31-883-5169

Revision history

Revision	Date of issue	Test report No.	Description
-	02. 27. 2015	KES-E1-15T0057	Initial

TABLE OF CONTENTS

1. General Information

1.1 Introduction

The EMI Test Report for CE Declaration of Conformity is prepared on behalf of named applicant in accordance with the EMC Directive(2004/108/EC) of the European Economic Community. The test results reported in this document relate only to the item that was tested.

All radiated emission, conducted emission measurements required by the EMC Directive were performed manually at KES Co., Ltd. (here in after called KES), 473-29, Gayeo-ro, Yeoju-si, Gyeonggi-do, Korea

The radiated emission measurements performed on 10 meter, Open Area Test Site, test range maintained by KES. Complete ANSI63.4;2009 description and site attenuation measurement data records are maintained at the test facility and have been placed on file with the Federal Communications Commission.

The KES EMC test facilities in and Yeoju-si are designated testing laboratory according to ISO/IEC 17025 by Radio Research Agency(RRA), Korea Communication Commission.

1.2 Product Description for Equipment Under Test (EUT)

Samsung Techwin Co., Ltd., NETWORK CAMERA, Model No: SNV-L6083RP or the "E.U.T". as referred to in this report is base model.

Main Specifications of EUT are:

Video	
Imaging Device	1/2.9" 2.19M CMOS
Total Pixels	2,000(H) x 1,121(V)
Effective Pixels	1,984(H) x 1,105(V)
Scanning System	Progressive
Min. Illumination	Color:0.15Lux(1/30sec,F1.4,50IRE),0.0025Lux(2sec,50IRE) Color:0.095Lux(1/30sec,F1.4,30IRE) B/W : 0 Lux (IR LED on)
Lens	
Focal Length (Zoom Ratio)	3~10mm V/F
Max. Aperture Ratio	F1.4
Angular Field of View	H:103.8°(Wide)~32.4°(Tele)(±5%),V:53.7°(Wide)~18.4°(Tele)(±5%), D:121.9°(Wide)~37.1°(Tele)(±5%)
Min. Object Distance	0.5m
Focus Control	Manual
Lens Type	DC auto iris
Mount Type	Board type
Pan / Tilt / Rotate	
Pan Range	0~350°
Tilt Range	0~67°
Rotate Range	0~355°
Operational	
IR Viewable Length	15m
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	True Day & Night
Backlight Compensation	Off / BLC
Contrast Enhancement	SSDR(SamsungSuperDynamicRange) (Off / On)
Digital Noise Reduction	SSNR(Off / On)
Motion Detection	Off / On (4ea rectangler zones)
Privacy Masking	Off / On (6ea rectangler zones)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC(Lens distortion control)	On/Off (5 levels with Min/Max)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker
Flip / Mirror	Flip / Mirror / Hallway view
Intelligent Video Analytics	Motion Detection with metadata, Tampering
Alarm Triggers	Motiondetection, Tampering Detection, SD card error
Alarm Events	FileuploadviaFTPandE-Mail LocalstoragerecordingatEvent NotificationviaE-Mail
Network	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	1920x1280 /1280x960 / 1280x720 / 1024x768 /800x600 / 720x576 / 640x480 / 320x240
Max. Framerate	H.264:Max30fpsatallresolutions MJPEG:Max1fpsat1920x1080/1280x1024/1280x720/1024x768,Max.15fpsatotherresolution

Video Quality Ajustment	H.264:TargetBitrateLevelControl MJPEG:QualityLevelControl
Bitrate control method	H.264:CBRorVBR MJPEG:VBR
Streaming Capability	Multiple Streaming(Up to 3 Profiles)
Audio I/O	Line-in
Audio Compression Format	G.711u-law/G.726Selectable G.726(ADPCM)8KHz,G.7118KHz G.726:16Kbps,24Kbps,32Kbps,40Kbps
Audio Communication	Uni-directional
IP	IPv4, IPv6
Protocol	TCP/IP,UDP/IP,RTP(UDP),RTP(TCP),RTCP,RTSP,NTP,HTTP,HTTPS,SSL,DHCP,PPPoE,FTP,SMTP,ICMP ,IGMP,SNMPv1/v2c/v3(MIB-2),ARP,DNS,DDNS,QoS,PIM-SM,UPnP,Bonjour
Security	HTTPS(SSL)LoginAuthentication DigestLoginAuthentication IPAddressFiltering UseraccessLog 802.1XAuthentication
Streaming Method	Unicast / Multicast
Max. User Access	6 users at Unicast Mode
Edge storage	MicroSD/SDHCMax32G,NAS (MotionimagesrecordedintheSDmemorycardcanbedownloaded) (ManualrecordingatLocalPC)
Application Programming Interface	ONVIFProfileS,G SUNAPI(HTTPAPI)
Webpage Language	English,French,German,Spanish,Italian,Chinese,Korean, Russian,Japanese,Swedish,Denish,Portuguese,Turkish,Polish,Czech,Rumanian,Serbian,Dutc h,Croatia,Hungary,Greek,Finnish,Norwegian
Web Viewer	SupportedOS:WindowsXP/VISTA/7/8/8.1,MACOSX10.7~10.10 SupportedBrowser:MicrosoftInternetExplorer(Ver.8~11),MozillaFirefox(Ver.9~35), Google Chrome (Ver. 15~40), Apple Safari (Ver. 8.0.2(Mac OS X 10.10), 8.0.2(Mac OS X 10.9), 6.0.2 (Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
Central Management Software	SmartViewer
Environmental	
Operating Temperature / Humidity	-30°C ~ +55°C / Less than 90% RH
Storage Temperature / Humidity	-30°C~+60°C(-22°F~+140°F)/ Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	IK10
Electrical	
Input Voltage / Current	PoE
Power Consumption	Max. 7.0W
Mechanical	
Color / Material	Ivory / Metal
Dimension (WxHxD)	Ø137 x H106.1
Weight	655g

1.3 Equipment Under Test

Description	Model Number	Serial Number	Manufacturer	Remarks
NETWORK CAMERA	SNV-L6083RP	-	TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONIC CO., LTD	E.U.T

1.4 Support Equipments

Description	Model Number	Serial Number	Manufacturer	Remarks
Notebook	NT-R410Y	Z9YJ93CS300631H	Samsung Electronics	-
AC/DC Adaptor	AD-6019	-	LI SHIN INTERNATIONAL ENTERPRISE CORP.	-
POE Switch	FDS-804PS(V3)	A310129100013	PLANET Technology Corp.	-
Micro SD Card	-	-	SANDISK	-

1.5 External I/O Cabling

Description	Length (m)	Port / From	Port/To	Remarks
NETWORK CAMERA	-	Micro SD slot / Micro SD Card	Micro SD Card slot / EUT	-
NETWORK CAMERA	3.0	RJ-45 / EUT	RJ-45 / POE Switch	Unshielded
POE Switch	2.5	RJ-45 / POE Switch	RJ-45 / Notebook	Unshielded

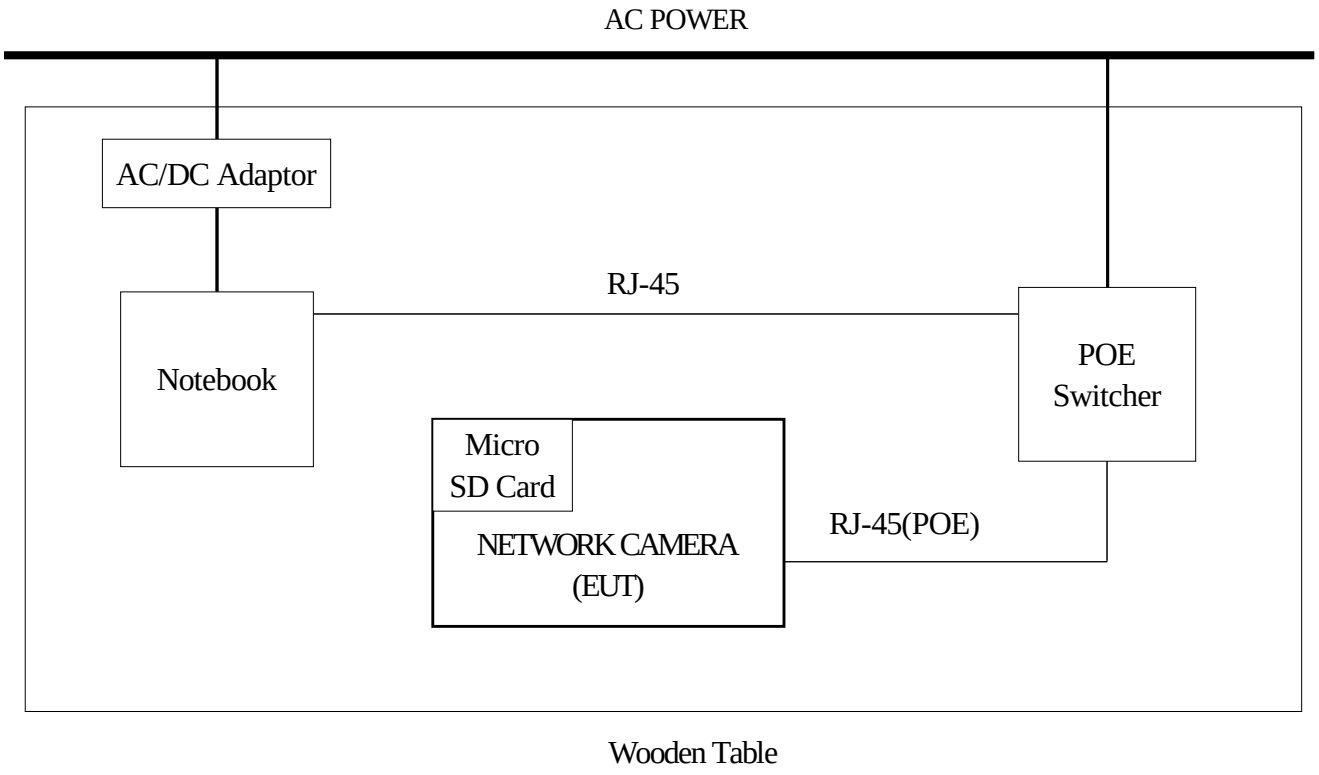
1.6 Special Accessories

As shown in section 1.8, all interface cables used for compliance testing are shielded as normally supplied or by use respective component manufacturers.

1.7 EUT Modifications

No modifications were made to the EUT in order to achieve and maintain compliance to the standards described in this report.

1.8 Configuration of Test System



1.9 Operating condition

- Ping test
- web view monitoring

2. Test standards and results

Specifications	Description	Test Point	Remark
CISPR22, Class A	Conducted Emission	AC Input Port	N/A(1)
CISPR22, Class A	Conducted Emission	Telecommunication Port	C
CISPR22, Class A	Radiated Emission	Enclosure	C

Note : C=Complies N/C=Not Complies N/T=Not Tested N/A=Not Applicable

N/A(1) : This device is operate by POE power. Test is not applicable.

3. Test Performed

3.1 Conducted Emission Measurements

3.1.1 Test Description

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was placed on a wooden table, 80 centimeters height above the floor. Power was fed to the EUT through a 50 ohm/ 50 micro henry Line Impedance Stabilization Network (LISN). The ground plane that was electrically bonded to the shield room ground system and all power lines entering the shield room were filtered.

3.1.2 Test Equipments

Description	Manufacturer	Model Number	Serial Number	Cal. Due
EMI Receiver/Signal Analyzer	Narda S.T.S / PMM	PMM 9010F	020WW31006	04. 04. 2015
LISN	R&S	ENV216	101137	02. 10. 2016
LISN	EMCO	3810/2	2228	-
8-Wire ISN CAT3	Schwarzbeck Mess	CAT3 8158	8158-0019	04.08.2015
8-Wire ISN CAT5	Schwarzbeck Mess	NTFM 8158	8158-0030	05.21.2015
8-Wire ISN CAT6	Schwarzbeck Mess	NTFM 8158	8158-0029	08.15.2015
Electro wave Shieldroom	SEMITEC	-	-	-

3.1.3 Test Environments

Ambient Temperatures : see the data
Relative Humidity : see the data

3.1.4 Test Limits

Frequency (MHz)	CISPR Publication 22			
	Class B		Class A	
	QP	AV	QP	AV
0.15 to 0.50	66 to 56	56 to 46	79	66
0.50 to 5.00	56	46	73	60
5.00 to 30.00	60	50	73	60

- Telecommunication

Frequency (㎒)	CISPR 22(Voltage)			
	Class B (dB㎶)		Class A (dB㎶)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.50	84.0 to 74.0	74.0 to 64.0	97.0 to 87.0	84.0 to 74.0
0.50 to 30.00	74.0	64.0	87.0	74.0

Frequency (㎒)	CISPR 22(Current)			
	Class B (dB㎂)		Class A (dB㎂)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 to 0.50	40.0 to 30.0	30.0 to 20.0	53.0 to 43.0	40.0 to 30.0
0.50 to 30.00	30.0	20.0	43.0	30.0

3.1.5 Test Procedure

The conducted emission levels were measured on each current-carrying line with the spectrum analyzer operating in the CISPR quasi-peak mode (or peak mode if applicable). The analyzer's 6 ㏈ bandwidth was set to 9 ㎑. The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. If the conducted emission exceed the average limit with the instrument set to the quasi-peak mode, the measurements are made in the average mode. The emission spectrum was scanned from 150 ㎑ to 30 ㎒. The highest emission amplitudes relative to the appropriate limits were measured and have been recorded. Quasi-peak readings are distinguished with a "QP".

The conducted emission test was performed with the EUT exercise program loaded, and the emissions were scanned between 150 ㎑ to 30 ㎒ on the HOT side and NEUTRAL side, herein referred to as H and N, respectively.

3.1.6 Test Results

According to the data in section 2.1.7, the EUT complied with the CISPR22 standards.

3.1.7 Test Data

Temperature: ℃ Humidity: R.H. Test Date: Tested by:

Polarization: HOT

N/A

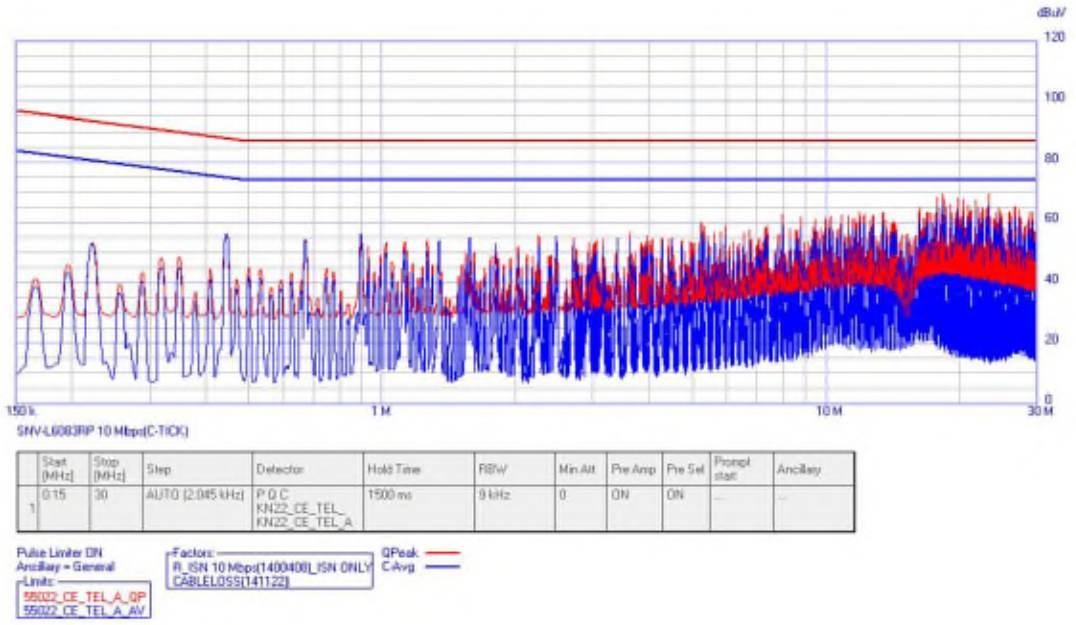
Polarization: NEUTRAL

N/A

- Telecommunication

Temperature: 24.5℃ Humidity: 35.1 % R.H. Test Date: 02. 12. 2015 Tested by: Tae Yeon, Kim

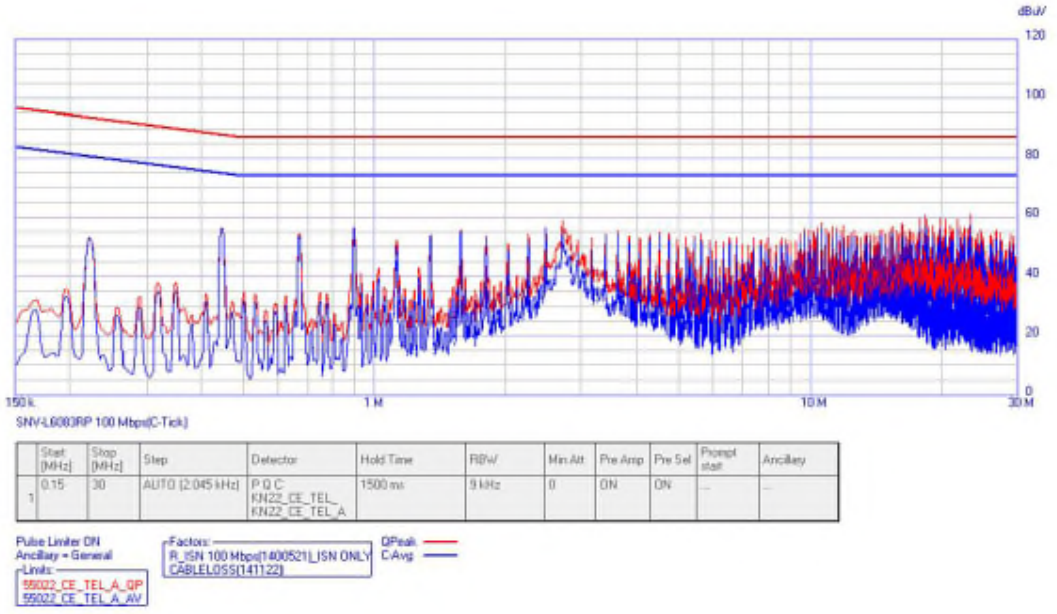
[10 Mbps]



10 Mbps

Frequency [MHz]	Q-Peak [dBµV]	Limit [dBµV]	Margin [dB]	C-Avg [dBµV]	Limit [dBµV]	Margin [dB]	Factor (ISN) [dB]	Factor (Cable Loss) [dB]
0.197	45.990	94.730	-48.740	43.510	81.730	-38.220	10.200	0.030
0.224	53.190	93.680	-40.490	52.890	80.680	-27.790	10.180	0.030
0.318	48.390	90.770	-42.380	45.070	77.770	-32.700	10.110	0.030
0.348	48.520	90.000	-41.480	45.130	77.000	-31.870	10.090	0.030
0.447	55.790	87.940	-32.150	56.170	74.940	-18.770	10.040	0.030
17.708	68.320	87.000	-18.680	64.890	74.000	-9.110	9.870	0.240
18.281	69.310	87.000	-17.690	65.910	74.000	-8.090	9.870	0.230
19.792	67.950	87.000	-19.050	64.520	74.000	-9.480	9.860	0.210
20.324	67.620	87.000	-19.380	64.210	74.000	-9.790	9.860	0.200
23.203	69.330	87.000	-17.670	65.880	74.000	-8.120	9.870	0.240

[100 Mbps]



100 Mbps

Frequency [MHz]	Q-Peak [dBµV]	Limit [dBµV]	Margin [dB]	C-Avg [dBµV]	Limit [dBµV]	Margin [dB]	Factor (ISN) [dB]	Factor (Cable Loss) [dB]
0.222	53.020	93.760	-40.740	52.830	80.760	-27.930	9.710	0.030
0.447	56.200	87.940	-31.740	56.080	74.940	-18.860	9.600	0.030
17.708	59.560	87.000	-27.440	56.070	74.000	-17.930	9.380	0.240
18.281	60.670	87.000	-26.330	57.100	74.000	-16.900	9.480	0.230
19.792	59.570	87.000	-27.430	56.020	74.000	-17.980	9.750	0.210
20.324	59.340	87.000	-27.660	55.800	74.000	-18.200	9.750	0.200
23.203	60.800	87.000	-26.200	57.360	74.000	-16.640	9.420	0.240

[1 000 Mbps]

N/A

3.2 Radiated Emission Measurements

3.2.1 Test Description

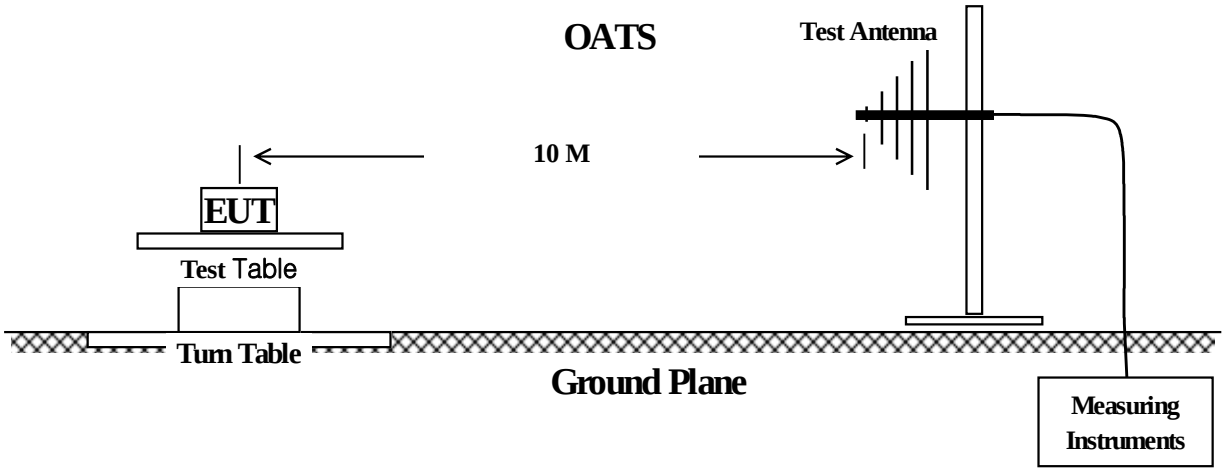
The radiated emissions measurements were performed on the ten-meter, open-field test site. The EUT was placed on a nonconductive turntable approximately 0.8 meters above the ground plane.

The frequency spectrum from 30 ㎒ to 1 000 ㎒ and 1 000 ㎒ to 6 000 ㎒ was scanned and maximum emission levels at each frequency recorded.

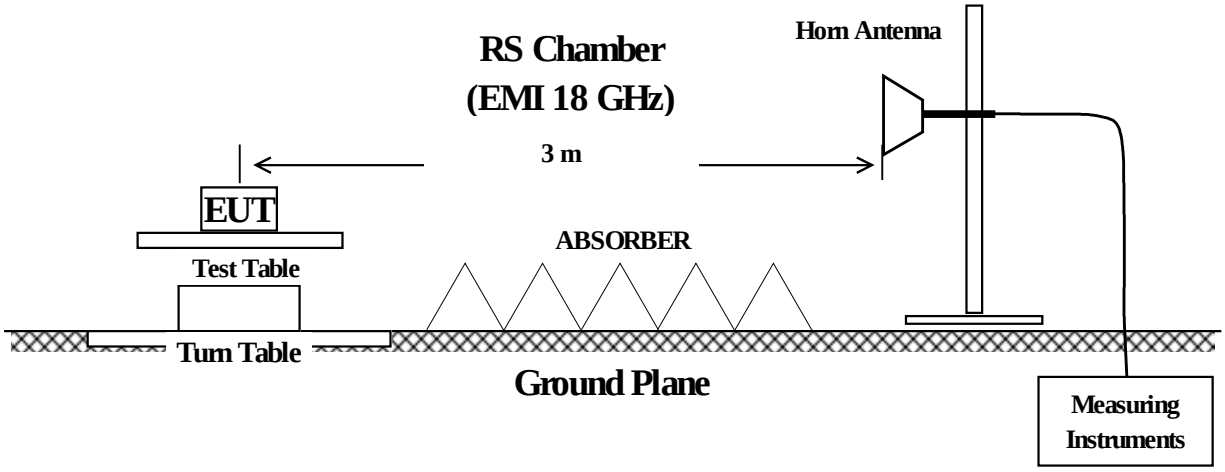
The system was rotated 360°, and the antenna was varied in the height between 1.0 and 4.0 meters in order to determine the maximum emission levels. This procedure was performed for horizontal and vertical polarization of the receiving antenna.

- above 1 GHz : Antenna height is fixed to 1.0 m

*** Below 1 GHz**



*** Above 1 GHz**



3.2.2 Test Equipments

Description	Manufacturer	Model Number	Serial Number	Cal. Due
EMI TEST Receiver	R & S	ESVS10	826008/014	04.09.2014
Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-385	05.09.2015
EMI TEST Receiver	R & S	ESR7	101190	08.13.2015
PREAMPLIFIER	8449B	H.P	3008A00538	07.23.2015
DOUBLE RIDGED HORN ANTENNA	A.H. SYSTEMS, INC	SAS-571	781	05.13.2015
RS Chamber (EMI 18GHz)	SEMITEC	-	-	-

3.2.3 Test Environments

Temperatures : see the data

Humidity : see the data

3.2.4 Test Limits

*** Below 1 GHz**

Frequency (MHz)	CISPR Publication 22	
	Class B	Class A
	Quasi-peak(dBμV/m)	Quasi-peak (dBμV/m)
0,15 to 30	Under consideration	Under consideration
30 to 230	30	40
230 to 1 000	37	47

*** Above 1 GHz**

Frequency (MHz)	CISPR Publication 22			
	Class B @ 3 m (dBμV/m)		Class A @ 3 m (dBμV/m)	
	PK	AV	PK	AV
1 000 to 3 000	70	50	76	56
3 000 to 6000	74	54	80	60

3.2.5 Test Procedure

Before final measurements of radiated emission were made on the OATS, the EUT was scanned in semi-anechoic chamber in order to determine its emission spectrum signature. The physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emission in amplitude, direction and frequency. This process was repeated during final radiated emission measurements on the OATS range, at each frequency, in order to ensure that maximum emissions amplitudes were attained.

The radiated emission test was performed with EUT exercise program loaded, and the emissions were scanned between 30 ㎒ to 1 000 ㎒ and 1 000 ㎒ to 6 000 ㎒ using the spectrum analyzer. The spectrum analyzer's 6 ㏈ bandwidth was set to 120 ㎑(1 ㎒), and the analyzer was operated in the CISPR quasi-peak (Peak) detection mode.

Measurements were taken using both HORIZONTAL and VERTICAL antenna polarization, herein referred to as H and V, respectively.

3.1.1 Field Strength Calculation

The Field Strength (FS) is calculated by adding the Antenna Factor (AF) and Cable Factor (CF) and Amplifier Gain(AG) from the Measured Reading (MR). The basic equation with a sample calculation is as follows:

* Below 1 GHz : FS(㏈㎶/m) = MR(㏈㎶) + [AF(㏈/m) + CF(㏈)]

* Above 1 GHz : FS(㏈㎶/m) = MR(㏈㎶) + [AF(㏈/m) + CF(㏈)] - AG(㏈)

3.2.6 Test Results

According to the data in section 3.2.7, the EUT complied with the CISPR22 standards.

3.2.7 Test Data

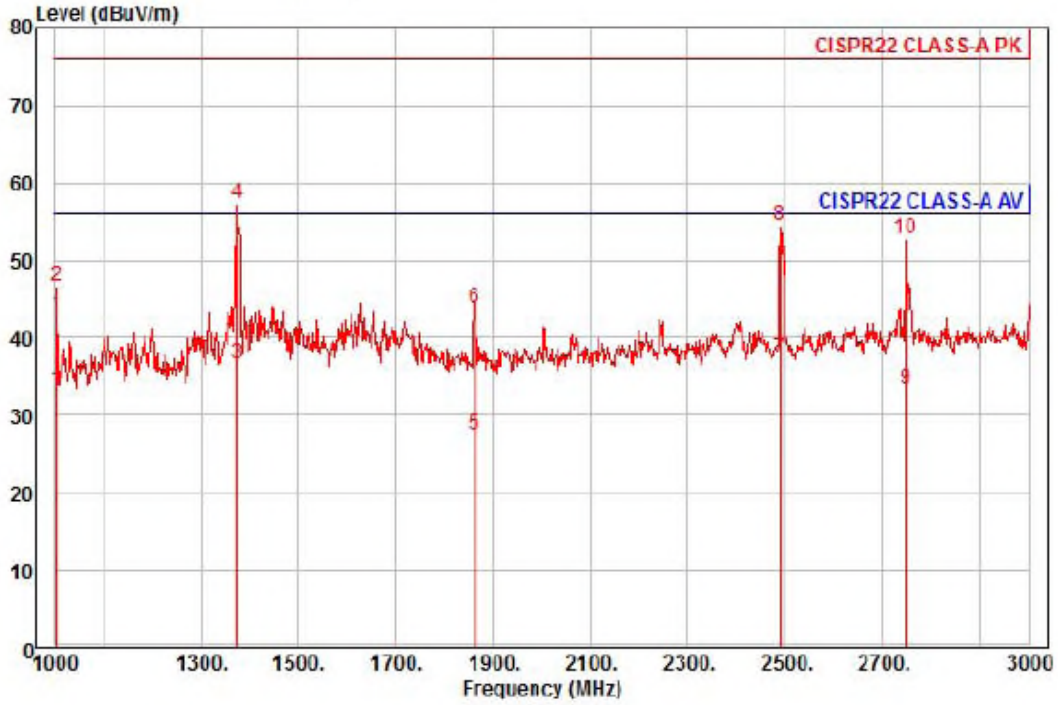
*** Below 1 GHz**

Temperature: 2.0 ℃ Humidity: 28.0 % R.H. Test Date: 02. 13. 2015 Tested by: Tae Yeon, Kim

Frequency (㎒)	Amplitude (dB㎶/m)	Antenna		Correction Factor		Corrected Amplitude (dB㎶/m)	Applicable Limit (dB㎶/m)	Margin (dB)
		Polar. (H/V)	Height (m)	Ant. (dB)	Cable (dB)			
56.770	13.900	V	1.000	13.290	1.740	28.930	40.000	11.070
259.880	26.100	H	4.000	12.080	3.970	42.150	47.000	4.850
297.000	21.500	H	3.800	13.300	4.350	39.150	47.000	7.850
371.230	18.400	H	2.220	14.950	4.920	38.270	47.000	8.730
371.250	20.400	V	1.000	14.950	4.920	40.270	47.000	6.730
400.000	19.100	V	1.000	15.580	5.140	39.820	47.000	7.180
400.020	20.300	H	2.420	15.580	5.140	41.020	47.000	5.980
525.020	20.000	H	2.060	18.220	6.070	44.290	47.000	2.710

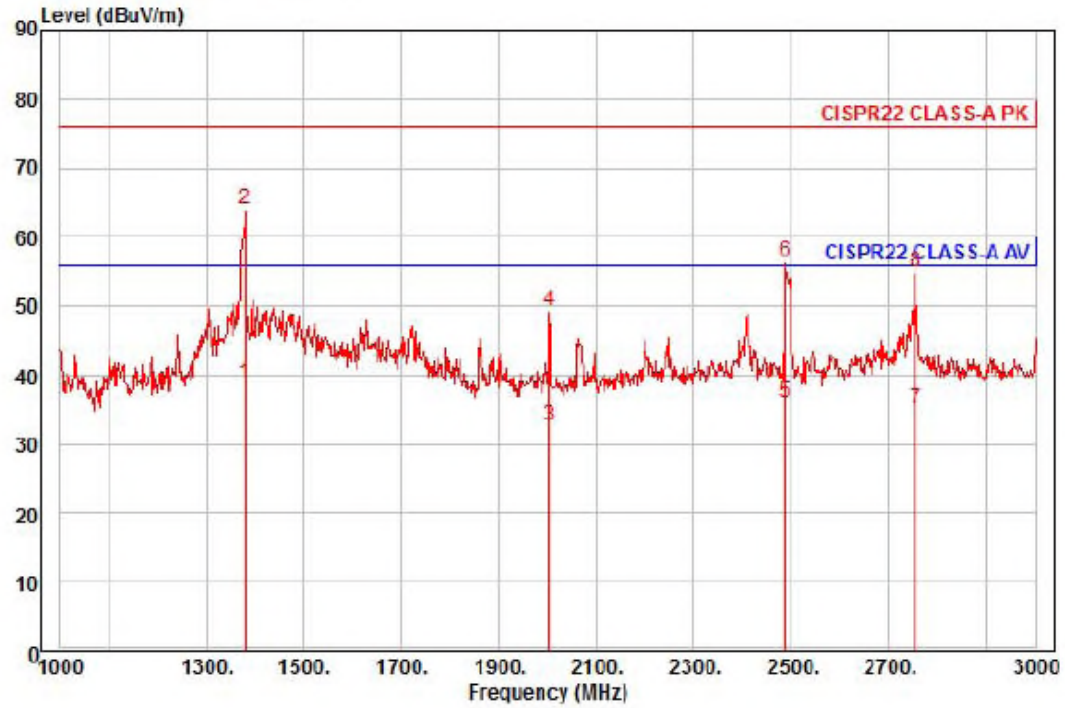
* Above 1 GHz

Temperature: 24.1 ℃ Humidity: 36.2 % R.H. Test Date: 02. 13. 2015 Tested by: Tae Yeon, Kim



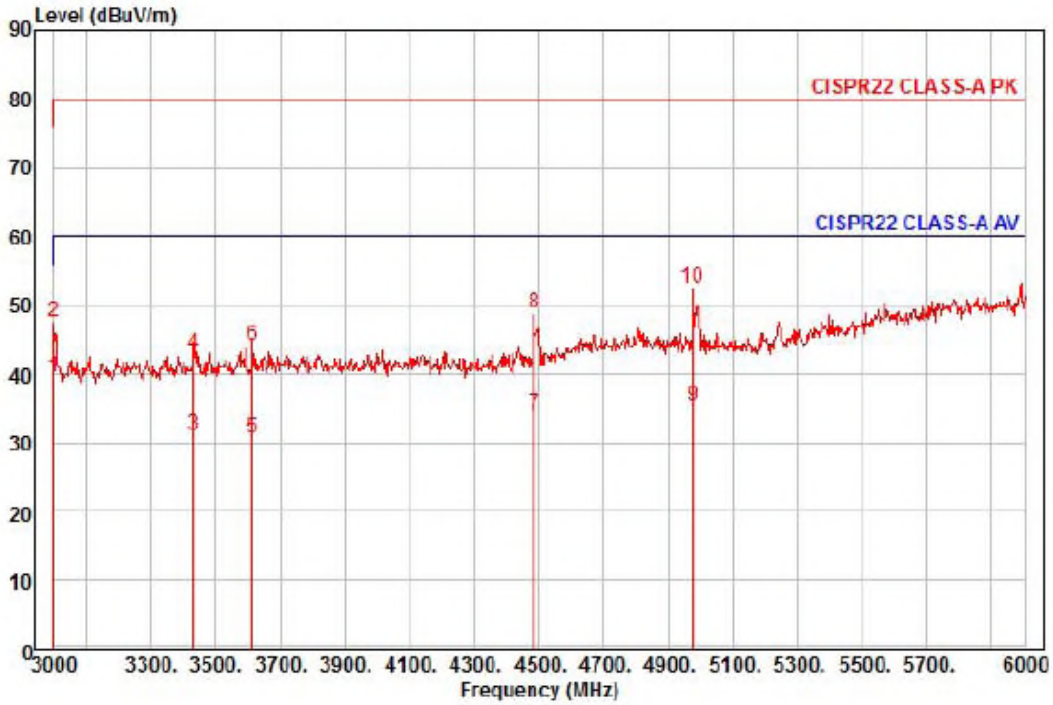
Site : chamber
Condition: CISPR22 CLASS-A PK 3m HORN ANT (2014.03.10) horizontal
: RBW:1000.000kHz VBW:1000.000kHz SWT:Auto
Project : network camera
EUT : SNV-L6083RP
Mode : C-Tick
Memo : (1 ~ 3) GHz

	Freq	Read Level	Ant Factor	Cable Loss	Preamp Factor	TPos	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	deg	dBuV/m	dB		
1	1002.00	40.81	23.00	5.44	36.20	232	56.00	-22.95	horizontal	Average
2	1002.00	54.36	23.00	5.44	36.20	232	76.00	-29.40	horizontal	Peak
3	1374.00	41.30	24.51	6.35	35.58	287	56.00	-19.42	horizontal	Average
4 pp	1374.00	62.04	24.51	6.35	35.58	287	76.00	-18.68	horizontal	Peak
5	1864.00	27.27	27.33	7.53	34.76	331	56.00	-28.63	horizontal	Average
6	1864.00	43.79	27.33	7.53	34.76	331	76.00	-32.11	horizontal	Peak
7 av	2490.00	33.29	29.24	8.89	34.19	210	56.00	-18.77	horizontal	Average
8	2490.00	50.52	29.24	8.89	34.19	210	76.00	-21.54	horizontal	Peak
9	2748.00	28.22	29.75	9.43	34.01	184	56.00	-22.61	horizontal	Average
10	2748.00	47.54	29.75	9.43	34.01	184	76.00	-23.29	horizontal	Peak



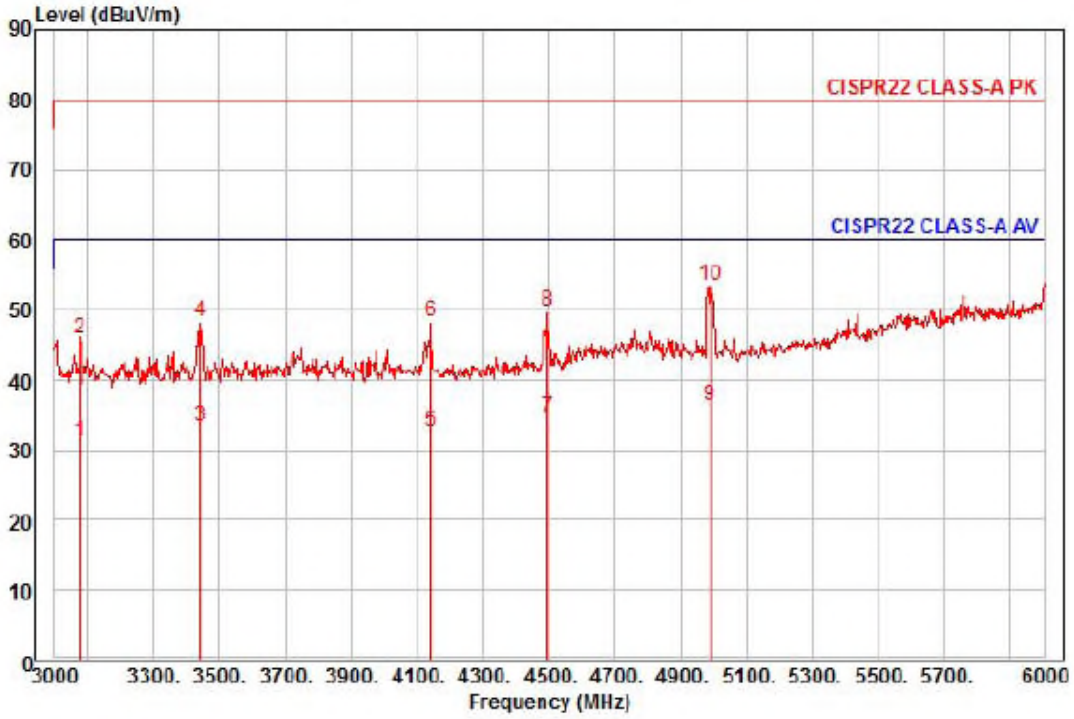
Site : chamber
Condition: CISPR22 CLASS-A PK 3m HORN ANT (2014.03.10) vertical
: RBW:1000.000kHz VBW:1000.000kHz SWT:Auto
Project : network camera
EUT : SNV-L6083RP
Mode : C-Tick
Memo : (1 ~ 3) GHz

	Freq	Read Level	Ant Factor	Cable Loss	Preamp Factor	TPos	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	deg	dBuV/m	dB		
1 av	1380.00	43.49	24.53	6.36	35.57	88	56.00	-17.19	vertical	Average
2 pp	1380.00	68.66	24.53	6.36	35.57	88	76.00	-12.02	vertical	Peak
3	2004.00	31.01	28.20	7.87	34.53	265	56.00	-23.45	vertical	Average
4	2004.00	47.87	28.20	7.87	34.53	265	76.00	-26.59	vertical	Peak
5	2488.00	32.24	29.23	8.88	34.19	139	56.00	-19.84	vertical	Average
6	2488.00	52.47	29.23	8.88	34.19	139	76.00	-19.61	vertical	Peak
7	2756.00	29.74	29.77	9.45	34.01	123	56.00	-21.05	vertical	Average
8	2756.00	49.72	29.77	9.45	34.01	123	76.00	-21.07	vertical	Peak



Site : chamber
Condition: CISPR22 CLASS-A PK 3m HORN ANT (2014.03.10) horizontal
: RBW:1000.000kHz VBW:1000.000kHz SWT:Auto
Project : network camera
EUT : SNV-L6083RP
Mode : C-Tick
Memo : (3 ~ 6) GHz

	Freq	Read Level	Ant Factor	Cable Loss	Preamp Factor	TPos	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	deg	dBuV/m	dB		
1 pp	3000.00	32.99	30.25	9.96	33.84	115	56.00	-16.64	horizontal	Average
2	3000.00	41.17	30.25	9.96	33.84	115	76.00	-28.46	horizontal	Peak
3	3432.00	24.35	30.41	10.63	34.33	345	60.00	-28.94	horizontal	Average
4	3432.00	36.15	30.41	10.63	34.33	345	80.00	-37.14	horizontal	Peak
5	3615.00	23.52	30.77	10.92	34.53	283	60.00	-29.32	horizontal	Average
6	3615.00	37.04	30.77	10.92	34.53	283	80.00	-35.80	horizontal	Peak
7	4485.00	23.94	32.03	12.32	34.12	339	60.00	-25.83	horizontal	Average
8	4485.00	38.52	32.03	12.32	34.12	339	80.00	-31.25	horizontal	Peak
9	4977.00	21.84	33.66	13.13	33.25	302	60.00	-24.62	horizontal	Average
10 pk	4977.00	39.04	33.66	13.13	33.25	302	80.00	-27.42	horizontal	Peak



Site : chamber
Condition: CISPR22 CLASS-A PK 3m HORN ANT (2014.03.10) vertical
: RBW:1000.000kHz VBW:1000.000kHz SWT:Auto
Project : network camera
EUT : SNV-L6083RP
Mode : C-Tick
Memo : (3 ~ 6) GHz

		Freq	Read Level	Ant Factor	Cable Loss	Preamp Factor	TPos	Limit Line	Over Limit	Pol/Phase	Remark
		MHz	dBuV	dB/m	dB	dB	deg	dBuV/m	dB		
1		3078.00	24.77	30.28	10.08	33.93	343	60.00	-28.80	vertical	Average
2		3078.00	39.39	30.28	10.08	33.93	343	80.00	-34.18	vertical	Peak
3		3441.00	26.56	30.41	10.65	34.34	293	60.00	-26.72	vertical	Average
4		3441.00	41.54	30.41	10.65	34.34	293	80.00	-31.74	vertical	Peak
5		4140.00	23.65	31.95	11.75	34.72	109	60.00	-27.37	vertical	Average
6		4140.00	39.37	31.95	11.75	34.72	109	80.00	-31.65	vertical	Peak
7		4497.00	24.21	32.03	12.34	34.10	24	60.00	-25.52	vertical	Average
8		4497.00	39.45	32.03	12.34	34.10	24	80.00	-30.28	vertical	Peak
9	pp	4989.00	22.65	33.70	13.15	33.23	159	60.00	-23.73	vertical	Average
10	pk	4989.00	39.94	33.70	13.15	33.23	159	80.00	-26.44	vertical	Peak

4. Test Setup Photographs

4.1 Conducted Emission

N/A

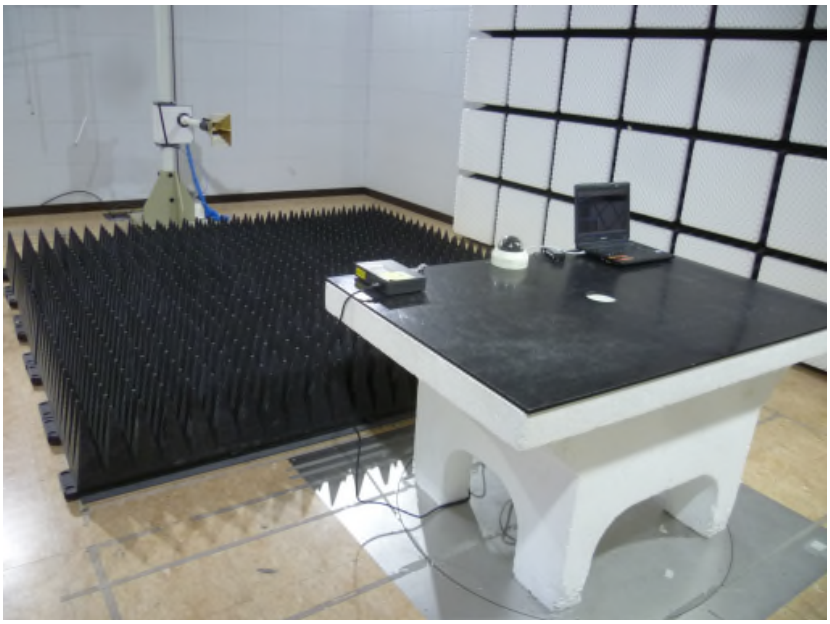
N/A

- Telecommunication Emission

4.2 Radiated Emission

*** Blow 1 GHz**

*** Above 1 GHz**



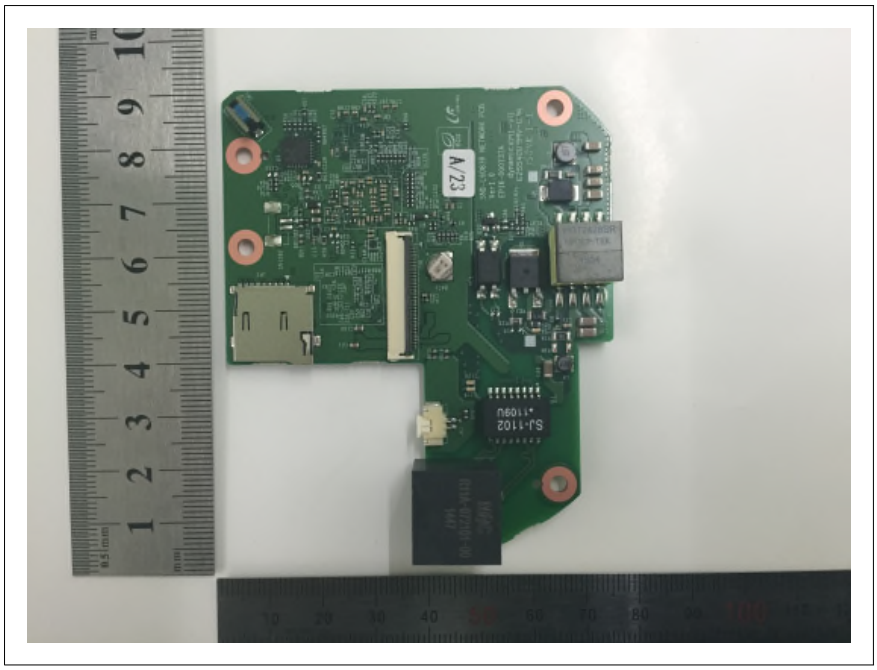
5. External Photographs

[FRONT VIEW]

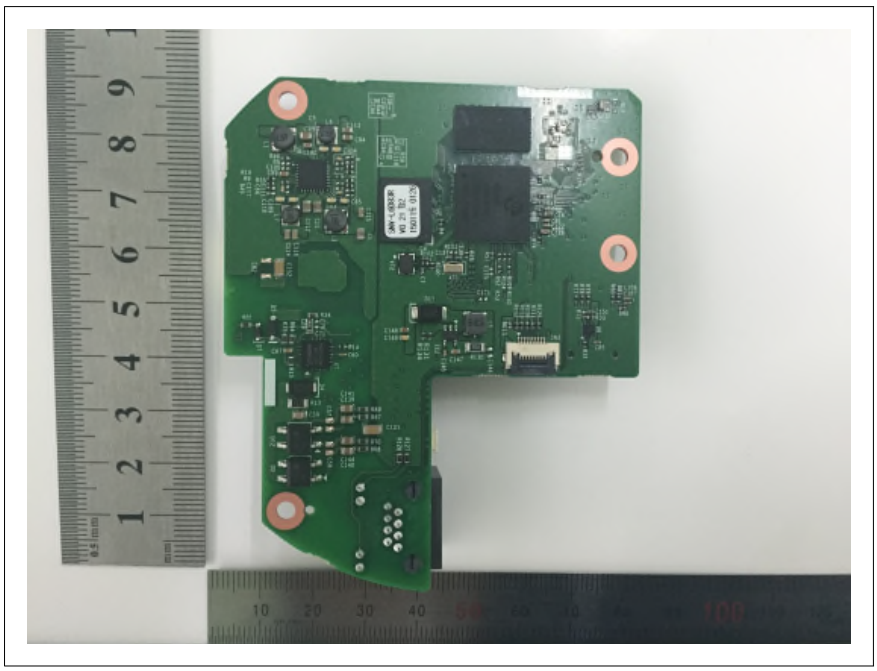
[REAR VIEW]

6. Internal Photographs

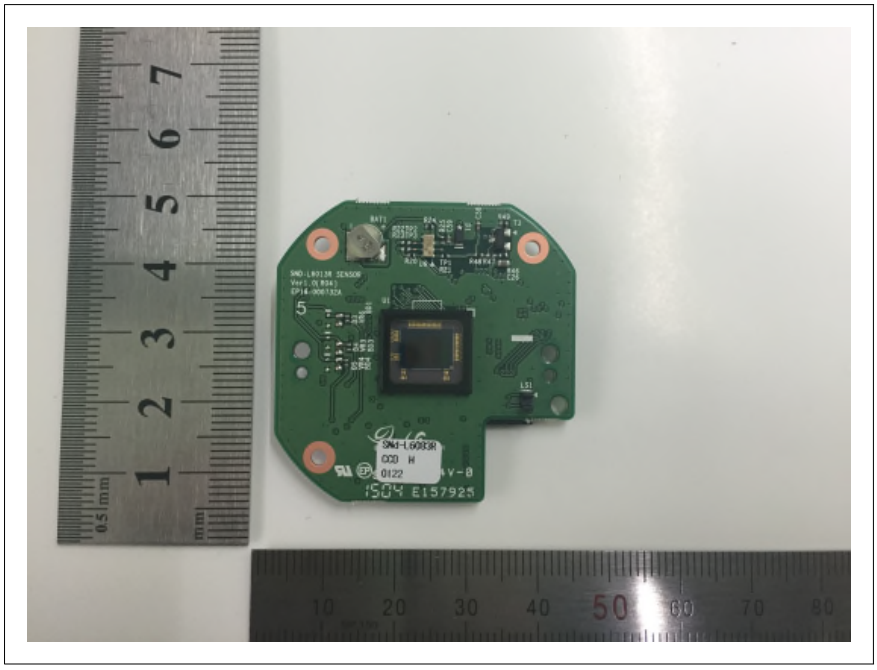
E.U.T: Internal View(Top) - Main Board



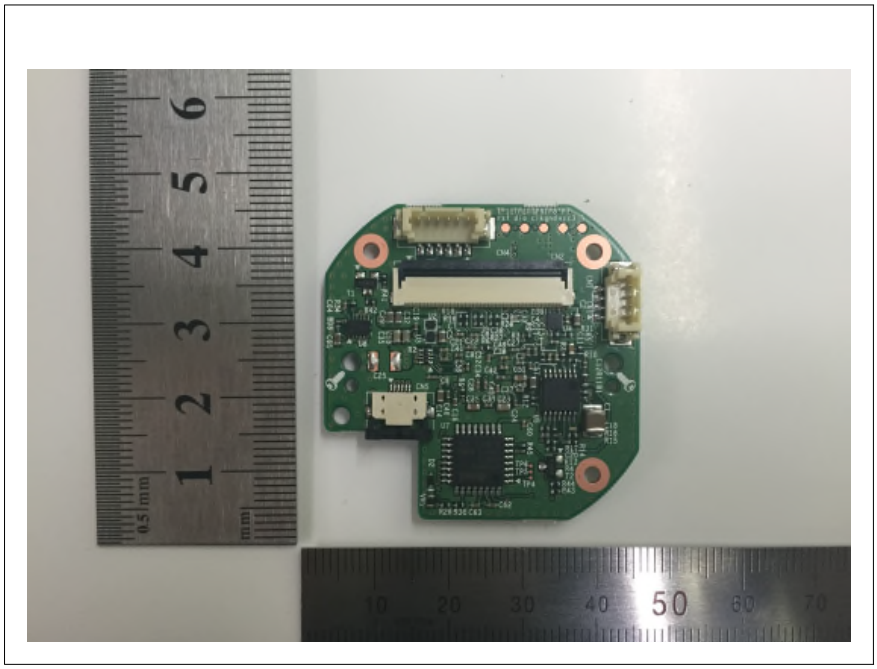
E.U.T: Internal View(Bottom) - Main Board



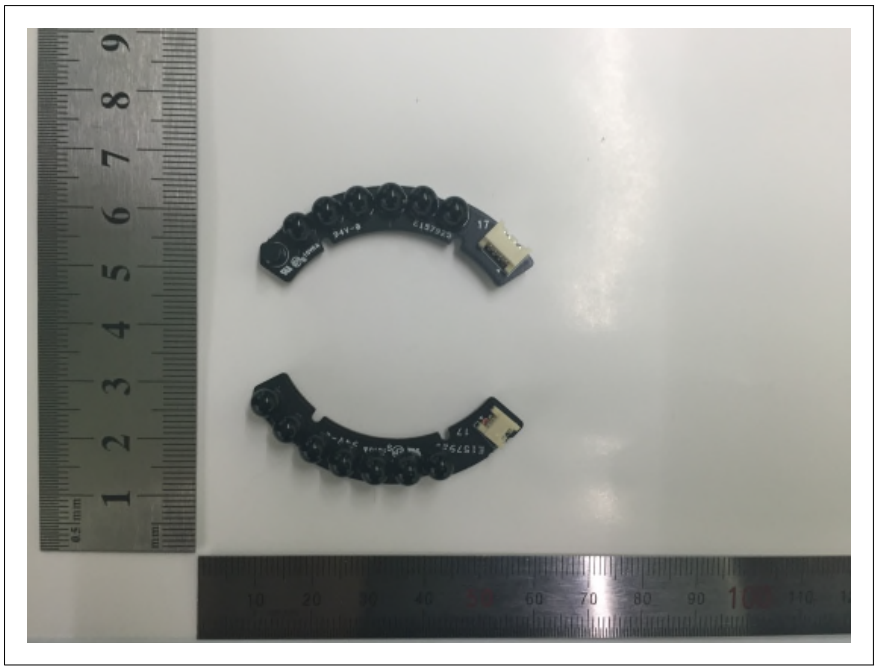
E.U.T: Internal View(Top) - Sensor Board



E.U.T: Internal View(Bottom) - Sensor Board

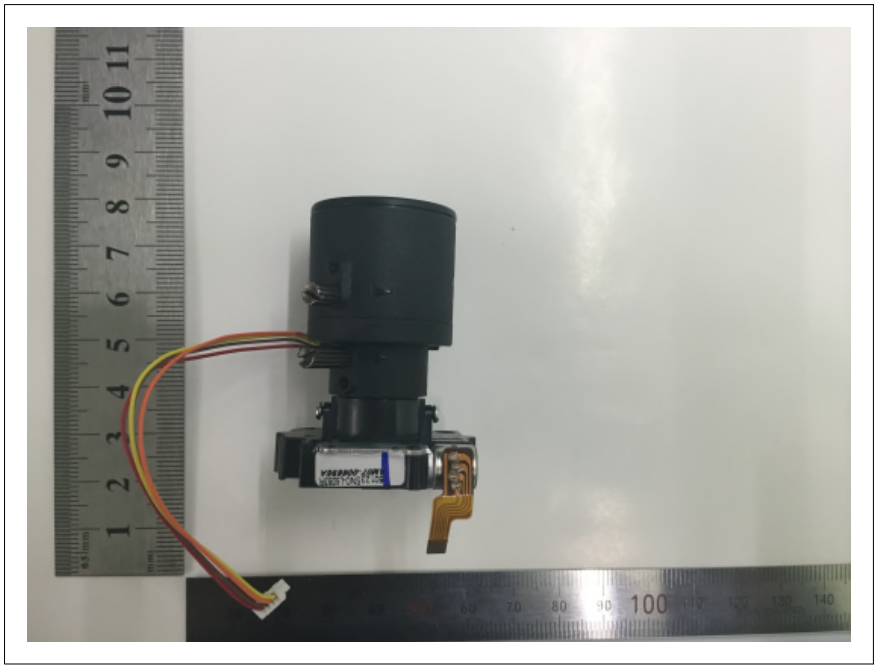


E.U.T: Internal View(Top) - LED Board



E.U.T: Internal View(Bottom) - LED Board

E.U.T: Internal View(Top) - CAMERA



E.U.T: Internal View(Bottom) - CAMERA