



## EMC TEST REPORT

Test Report No. : KES-EM-21T1111-R1  
Date of Issue : Feb. 24, 2023  
Product name : NETWORK CAMERA  
Model/Type No. : ANO-L7022R  
Variant Model : ANO-L7012R  
Applicant : Hanwha Vision Co., Ltd  
Applicant Address : 6, Pangyo-ro 319Beon-gil, Bundang-gu, Seongnam-si,  
Gyeonggi-do, Republic of Korea  
Manufacturer : 1. HANWHA VISION VIETNAM COMPANY LIMITED  
2. D-TECH CO.,LTD.  
Manufacturer Address : 1. Lot O-2, Que Vo Industrial Zone extended area,  
Nam Son commune, Bac Ninh city, Bac Ninh province, Vietnam  
2. 173-25, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi- do,  
Korea (Suwon Industrial Complex)  
Equipment authorization : **Supplier's Declaration of Conformity**  
Date of Receipt : Nov. 01, 2021  
Test date : Nov. 04, 2021  
Test Results : ☒ **In Compliance** ☐ **Not in Compliance**

Tested by

Dae Hyun, Kim  
EMC Test Engineer

Reviewed by

Dong-Hun, Jang  
EMC Technical Manager

This test report is not related to KS Q ISO/IEC 17025 and KOLAS.

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**REPORT REVISION HISTORY**

Date	Test Report No.	Revision History
Nov. 24, 2021	KES-EM-21T1111	Issued
Feb. 24, 2023	KES-EM-21T1111-R1	Change the Applicant and Manufacturer at the request of the customer

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## 1.0 General Product Description

### Main Specifications of EUT are:

<b>Video</b>	
Imaging Device	1/3" CMOS
Resolution	2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240
Max. Framerate	H.265/H.264 : Max. 30fps at 4M all resolutions MJPEG : Max. 15fps
NETD	None
Pixel Size	None
Min. Illumination	Color : 0.13Lux (F1.6, 1/30sec) B/W : 0Lux (IR LED On)
Video Out	None
Video Transmission Distance	None
<b>Lens</b>	
Focal Length (Zoom Ratio)	4mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 78.3° / V: 42.9° / D: 91.2°
Min. Object Distance	1.7m(5.6ft)
Focus Control	Fixed
Lens Type	None
Mount Type	None
Optional Lens	None
<b>Pan / Tilt / Rotate</b>	
Pan / Tilt / Rotate Range	None
Pan Range	None
Pan Speed	None
Tilt Range	None
Tilt Speed	None
Rotate Range	None
Sequence	None
Preset Accuracy	None
<b>Operational</b>	
Camera Title	Displayed up to 85 characters
Direction Indicator	None
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Digital Image Stabilization	None
Defog	None
Motion Detection	4ea, polygonal zones
Privacy Masking	6ea, rectangular zones
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum/Maximum/Anti flicker (1/5~1/12,000sec)
Digital PTZ	None
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line

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Business Intelligence	None
Serial Interface	None
Alarm I/O	None
Alarm Triggers	Analytics, Network disconnect * Alarm input(with NW I/O Box)
Alarm Events	File upload via FTP and e-mail, Notification via e-mail, SD/SDHC/SDXC or NAS recording at event triggers, Handover
Audio Streaming	None
Audio In	None
Audio Out	None
IR Viewable Length	25m(82.02ft)
IR Illuminator (Optional)	None
Water Removal	None
Auto Tracking	None
Coaxial Protocol	None
Color Palettes	None
<b>Radiometry</b>	
Temperature Detect Range	None
Temperature Accuracy	None
Temperature Detection	None
Additional	None
<b>Network</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265/H.264 : Main/High, MJPEG
Audio Compression	None
Smart Codec	Manual (5ea area), WiseStreamII
Video Quality Adjustment	H.265/H.264 : Target bitrate level control, MJPEG : Quality level control
Bitrate Control	H.264/H.265 : CBR or VBR MJPEG : VBR
Streaming	Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP
SIP support (VoIP, Peer-to-peer, SIP/PBX)	None
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access Log 802.1X Authentication
Application Programming Interface	ONVIF Profile S/G/T, SUNAPI (HTTP API)
<b>General</b>	
Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	None
Edge Storage	Micro SD/SDHC/SDXC 1slot 128GB
Memory	512MB RAM, 256MB Flash

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<b>Environmental &amp; Electrical</b>	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F~+131°F) / Less than 95% RH
Storage Temperature / Humidity	-30°C ~ +55°C (-22°F~+131°F) / Less than 95% RH
Certification	IP66
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	Max 7.5W, typical 5.7W
<b>Mechanical</b>	
Color / Material	White / Plastic
RAL Code	RAL9003
Product Dimensions / Weight	Ø78.0x262.0mm(Ø3.07x10.31"), 390g(0.86lb)
Compatible Conduit hole / Gangbox	None
Hanging Mount (Dome)	None
Skin Cover	None
Skin Cover (Dome)	None
Weather Cap (Dome)	None
Power Module	None
Backbox	None
<b>DORI (EN62676-4 standard)</b>	
Detect (25PPM/ 8PPF)	62.9m(206.33ft)
Observe (63PPM/ 19PPF)	25.2m(82.53ft)
Recognize (125PPM/ 38PPF)	12.6m(41.27ft)
Identify (250PPM/ 76PPF)	6.3m(20.63ft)
<b>LPR/ANPR/MMCR</b>	
Speed Description	None
Speed limit	None
Min. Forward Distance	None
Max. Forward Distance	None
Max. Horizontal Angle	None
Max. Vertical Angle	None
Horizontal Offset	None
Camera Height	None
Lane Coverage	None
Vehicle Recognition	None
Available Countries	None
<b>Wisenet Road AI LPR/ANPR/MMCR</b>	
Solution	None
Speed Description	None
Lane Coverage	None
Speed limit	None
Min. Forward Distance	None
Max. Forward Distance	None
Max. Horizontal Angle	None
Max. Vertical Angle	None
Horizontal Offset	None
Camera Height	None
Vehicle Recognition	None
Available Countries	None

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## 1.1 Test Voltage & Frequency

Unless indicated otherwise on the individual data sheet or test results, the test voltage and frequency was as indicated below.

☒ PoE (AC 120 V, 60 Hz)

## 1.2 Variant Model Differences

ANO-L7012R (Focal Length (Zoom Ratio): 4mm, Min. Object Distance: 1.7m(5.6ft)

\* Electrical characteristics, circuit components, external shapes and constructions have no difference from the basic model

## 1.3 Device Modifications

Not applicable

## 1.4 Equipment Under Test

Description	Model Number	Serial Number	Manufacturer	Remarks
NETWORK CAMERA	ANO-L7022R	-	HANWHA VISION VIETNAM COMPANY LIMITED	EUT

## 1.5 Support Equipments

Description	Model Number	Serial Number	Manufacturer	Remarks
PoE Adapter	PT-PSE109GBRO-AH	-	Dongguan PROCET Network Technology Co.,Ltd	-
Notebook	LG15N54	411NZJV044052	LG Electronics Co., Ltd	-
Notebook Adapter	PA-1900-14	-	LITE-ON TECHNOLOGY (CHANGZHOU)CO., LTD	-
Micro SD Card	-	-	Sandisk	-





## 1.6 External I/O Cabling

Start		END		Cable Spec.	
Description	I/O Port	Description	I/O Port	Length	Shield
NETWORK CAMERA (EUT)	RJ-45 (PoE)	PoE Adapter	RJ-45 (PoE)	3.0	U
	Slot	Micro SD Card	Slot	-	-
Notebook	RJ-45 (LAN)	PoE Adapter	RJ-45 (LAN)	1.5	U
	DC Jack	Notebook Adapter	DC Jack	2.0	S

\* Unshielded=U, Shielded=S

## 1.7 EUT Operating Mode(s)

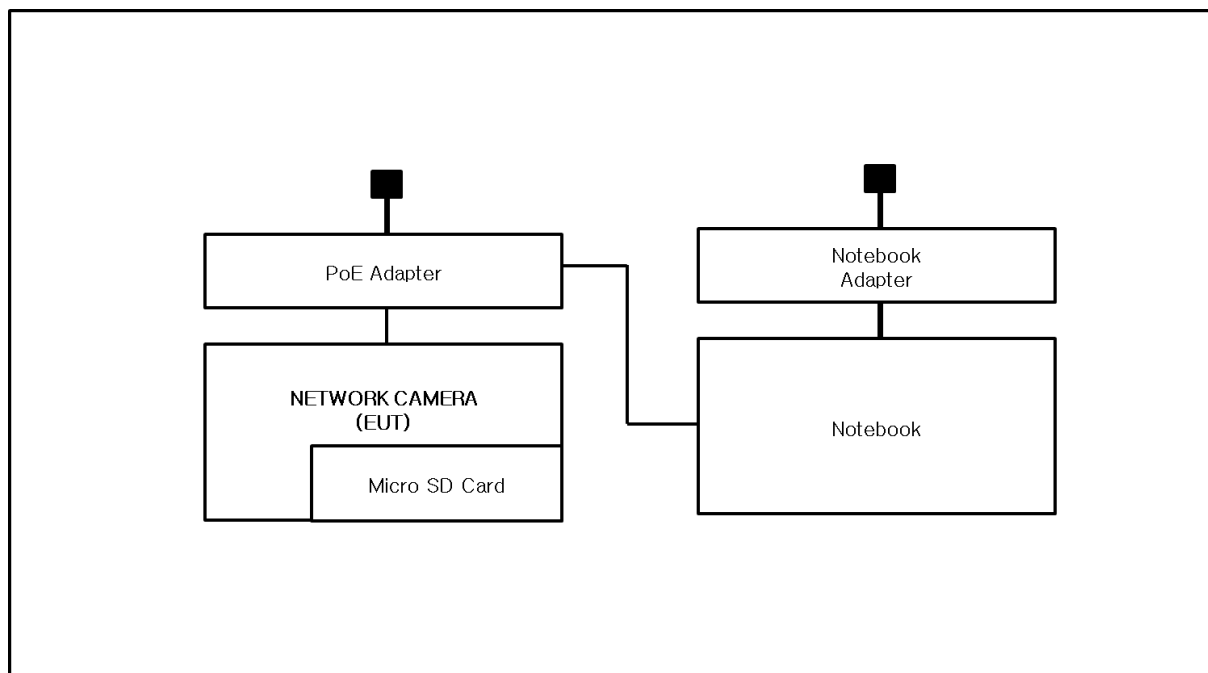
Test Mode	operating
Operating Mode	EUT Monitoring, Ping Test

EUT Test operating S/W		
Name	Version	Manufacture Company
Web Viewer	-	Hanwha Vision Co., Ltd

## 1.8 Configuration

■ AC Main

□ DC Main



## 1.9 Remarks when standards applied

N/A







## 1.10 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less.

## 1.11 Test Facility

The measurement facility is located at 473-21, Gayeo-ro, Yeosu-si, Gyeonggi-do, 12658, Korea, Republic of. The sites are constructed in conformance with the requirements of ANSI C63.4a-2017 and CISPR 16-1-4:2019

## 1.12 Laboratory Accreditations and Listings

Country	Agency	Scope of Accreditation	Logo
KOREA	RRA	EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site) EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions)	 KR0100
International	KOLAS	EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site) EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions)	 KT489
USA	FCC	3 m & 10 m Semi-Anechoic Chamber Conducted test site to perform FCC Part 15/18 measurements.	 KR0100
Canada	ISED	3 m & 10 m Semi-Anechoic Chamber and Conducted test site	 23298
JAPAN	VCCI	EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site)	 C-20136, T-20137, R-20181, G-20176
Europe	TÜV SÜD	EMI (3 m & 10 m Semi-Anechoic Chamber and conducted test site) EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions)	 CARAT 001633 0004



## 2.0 Test Regulations

The emissions tests were performed according to following regulations:

☒ **47 CFR Part 15, Subpart B**

☐ CISPR 22:2009 +A1:2010

☐ Class A

☐ Class B

☒ ANSI C63.4a-2017

☒ Class A

☐ Class B

☒ **IC Regulation ICES-003 Issue 7**

☐ CAN/CSA-CISPR 32:17

☐ Class A

☐ Class B

☒ ANSI C63.4a-2017

☒ Class A

☐ Class B

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## 2.1 Conducted Emissions at Mains Power Ports

**Test Date**

Nov. 04, 2021

**Test Location**

Electro wave Shieldroom #6

**Test Equipment**

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
<input checked="" type="checkbox"/>	EMI Test S/W	EMC32	R & S	9.12.00	-
<input checked="" type="checkbox"/>	EMI TEST RECEIVER	ESR3	R & S	101783	01, 15, 2022
<input checked="" type="checkbox"/>	LISN	ENV216	R & S	101787	12, 29, 2021
<input checked="" type="checkbox"/>	LISN	ESH2-Z5	R & S	100450	12, 29, 2021
<input checked="" type="checkbox"/>	PULSE LIMITER	ESH3-Z2	R & S	101915	12, 29, 2021

**Test Conditions**

Temperature: (22,2 ± 0,1) °C

Relative Humidity: (44,1 ± 0,1) % R.H.

**Frequency Range of Measurement**

150 kHz to 30 MHz

**Instrument Settings**

IF Band Width: 9 kHz

**Test Results**

The requirements are:

- ☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

**Remarks**See Appendix A for test data.

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## 2.2 Radiated Electric Field Emissions(Below 1 GHz)

### Test Date

Nov. 04, 2021

### Test Location

☐ OPEN AREA TEST SITE #2 ☒ SEMI ANECHOIC CHAMBER #4(10m)

### Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
<input checked="" type="checkbox"/>	EMI Test S/W	EP5/RE	TOYO Corporation	6.0.0	-
<input checked="" type="checkbox"/>	EMI TEST RECEIVER	ESU26	R & S	100551	04, 01, 2022
<input checked="" type="checkbox"/>	AMPLIFIER	SCU 01	R & S	100603	11, 25, 2021
<input checked="" type="checkbox"/>	TRILOG-BROADBAND ANTENNA	VULB9163	Schwarzbeck	715	12, 08, 2022
<input checked="" type="checkbox"/>	ATTENUATOR	8491A	HP	32173	03, 10, 2022

### Test Conditions

Temperature: (23,2 ± 0,2) °C

Relative Humidity: (45,1 ± 0,2) % R.H.

### Frequency Range of Measurement

30 MHz to 1 GHz

### Instrument Settings

IF Band Width: 120 kHz

### Test Results

The requirements are:

- ☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

### Remarks

See Appendix A for test data.



## 2.3 Radiated Electric Field Emissions(Above 1 GHz)

### Test Date

Nov. 04, 2021

### Test Location

SEMI ANECHOIC CHAMBER #4(10m)

### Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
<input checked="" type="checkbox"/>	EMI Test S/W	EP5/RE	TOYO Corporation	6.0.0	-
<input checked="" type="checkbox"/>	EMI TEST RECEIVER	ESU26	R & S	100551	04, 01, 2022
<input checked="" type="checkbox"/>	PREAMPLIFIER	8449B	AGILENT	3008A01742	12, 29, 2021
<input type="checkbox"/>	ATTENUATOR	8491A	HP	35496	03, 10, 2022
<input checked="" type="checkbox"/>	HORN ANTENNA	BBHA 9120D	SCHWARZBECK	9120D-1802	12, 14, 2021

### Test Conditions

Temperature: (23,2 ± 0,2) °C

Relative Humidity: (45,1 ± 0,2) % R.H.

### Frequency Range of Measurement

1 GHz to 5 GHz

### Instrument Settings

IF Band Width: 1 MHz

### Test Results

The requirements are:

- ☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

### Remarks

See Appendix A for test data.

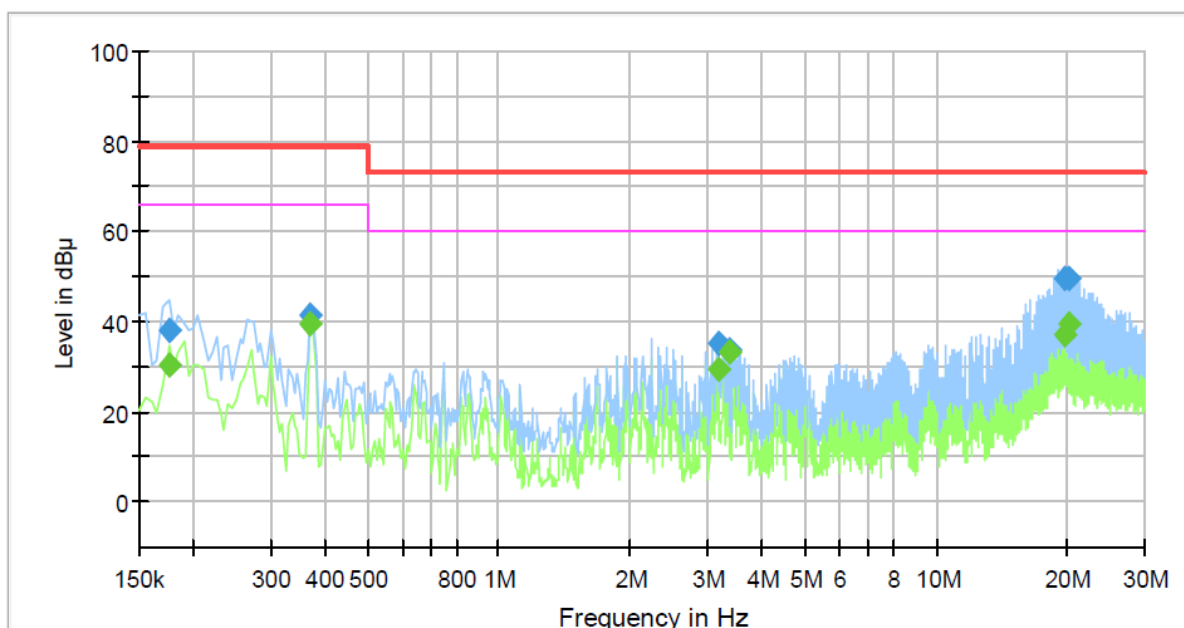
## APPENDIX A – TEST DATA

### Conducted Emissions at Mains Power Ports

HOT LINE

#### Common Information

Test Description: Conducted Emission  
 Model No.: ANO-L7022R  
 Phase:  
 Mode:  
 Operator Name: KES



#### Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.175000	---	30.54	66.00	35.46	1000.0	9.000	L1	19.5
0.175000	38.01	---	79.00	40.99	1000.0	9.000	L1	19.5
0.370000	---	39.55	66.00	26.45	1000.0	9.000	L1	19.6
0.370000	41.25	---	79.00	37.75	1000.0	9.000	L1	19.6
3.170000	---	29.61	60.00	30.39	1000.0	9.000	L1	20.1
3.170000	35.31	---	73.00	37.69	1000.0	9.000	L1	20.1
3.360000	---	33.08	60.00	26.92	1000.0	9.000	L1	20.1
3.360000	33.63	---	73.00	39.37	1000.0	9.000	L1	20.1
19.650000	---	36.87	60.00	23.13	1000.0	9.000	L1	20.2
19.650000	49.57	---	73.00	23.43	1000.0	9.000	L1	20.2
20.115000	---	39.65	60.00	20.35	1000.0	9.000	L1	20.2
20.115000	49.41	---	73.00	23.59	1000.0	9.000	L1	20.2

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## NEUTRAL LINE

### Common Information

Test Description:

Conducted Emission

Model No.:

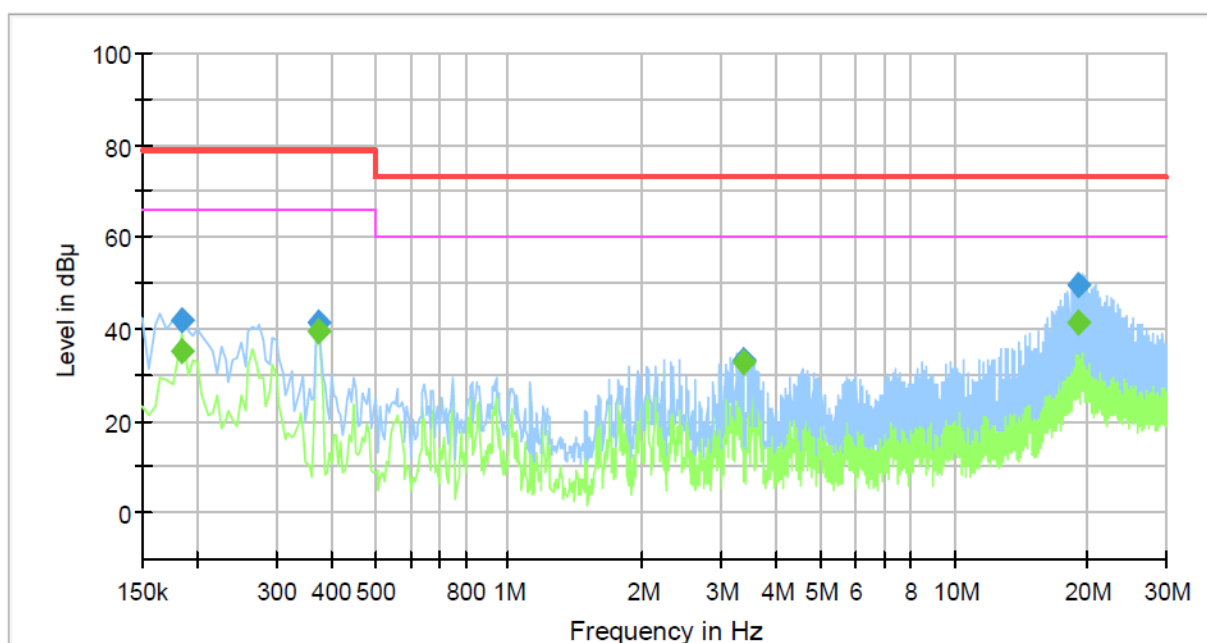
ANO-L7022R

Phase:

Mode:

Operator Name:

KES



### Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.185000	---	35.23	66.00	30.77	1000.0	9.000	N	19.4
0.185000	41.92	---	79.00	37.08	1000.0	9.000	N	19.4
0.375000	---	39.60	66.00	26.40	1000.0	9.000	N	19.6
0.375000	41.22	---	79.00	37.78	1000.0	9.000	N	19.6
3.360000	---	32.91	60.00	27.09	1000.0	9.000	N	20.1
3.360000	33.32	---	73.00	39.68	1000.0	9.000	N	20.1
18.985000	---	41.58	60.00	18.42	1000.0	9.000	N	20.1
18.985000	49.48	---	73.00	23.52	1000.0	9.000	N	20.1

#### ◆ Calculation

$$\text{QuasiPeak [dBuV]} / \text{CAverage [dBuV]} = \text{Reading Value [dBuV]} + \text{Corr. [dB]}$$

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

Corr. : Correction values (LISN FACTOR + (Cable Loss + Pulse Limiter FACTOR))



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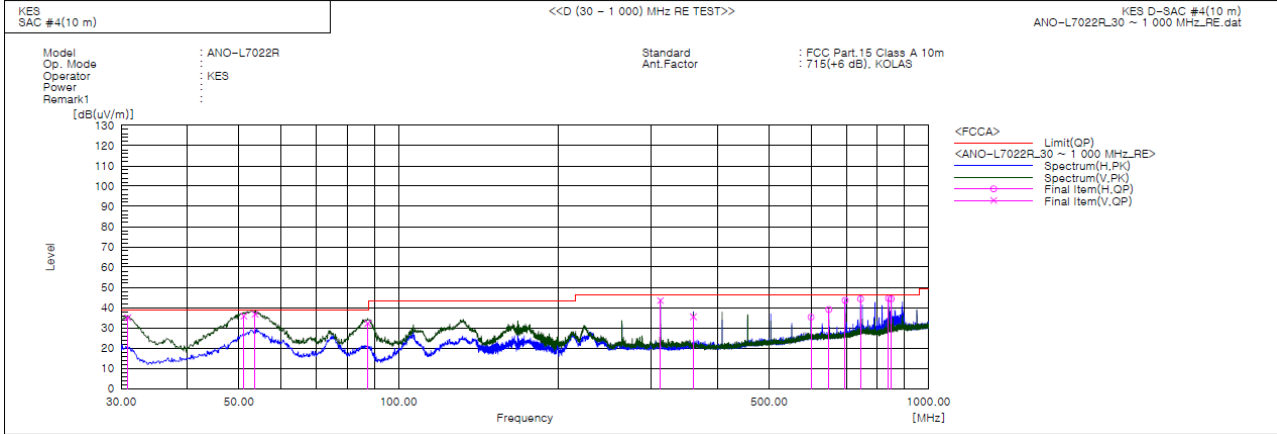
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## Radiated Electric Field Emissions(Below 1 GHz)

- 47 CFR Part 15, Subpart B



### Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	30.849	V	60.3	-25.3	35.0	39.0	4.0	111.0	303.0	
2	51.098	V	57.0	-21.1	35.9	39.0	3.1	100.0	269.0	
3	53.644	V	58.1	-21.3	36.8	39.0	2.2	129.0	292.0	
4	87.473	V	57.3	-25.1	32.2	39.0	6.8	132.0	41.0	
5	311.906	V	60.8	-17.3	43.5	46.5	3.0	100.0	22.0	
6	359.921	V	50.7	-15.2	35.5	46.5	11.0	100.0	120.0	
7	599.875	H	43.8	-8.5	35.3	46.5	11.2	400.0	115.0	
8	647.890	H	47.2	-8.1	39.1	46.5	7.4	276.0	115.0	
9	695.905	H	51.0	-7.4	43.6	46.5	2.9	365.0	77.0	
10	743.799	H	50.3	-6.0	44.3	46.5	2.2	200.0	119.0	
11	840.071	H	50.0	-5.4	44.6	46.5	1.9	266.0	115.0	
12	850.014	H	49.4	-5.1	44.3	46.5	2.2	400.0	134.0	

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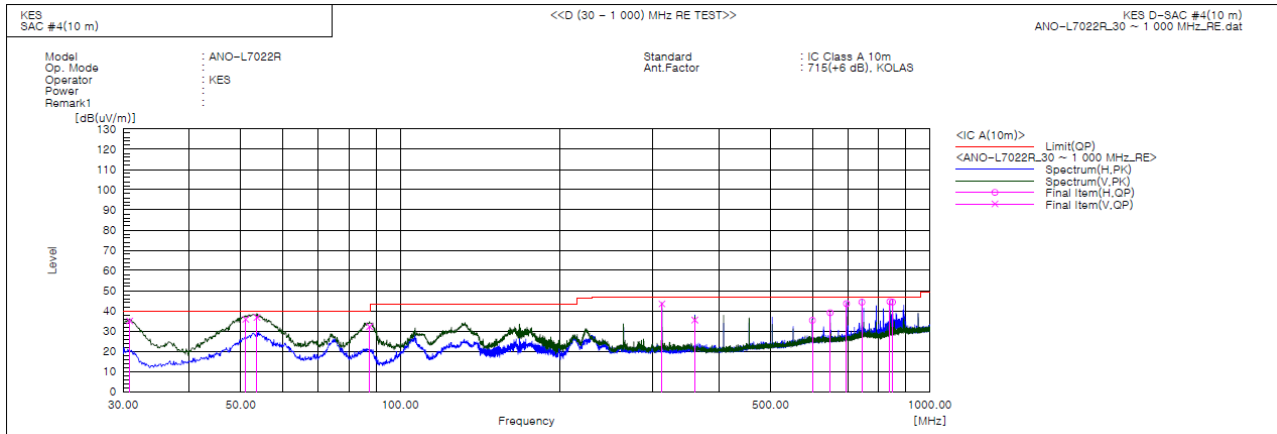
3701, 40, Simin-daero 365beon-gil,  
Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea  
Tel: +82-31-425-6200 / Fax: +82-31-424-0450  
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Report No.:

KES-EM-21T1111-R1

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## - IC Regulation ICES-003 Issue 7



### Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	30.849	V	60.3	-25.3	35.0	40.0	5.0	111.0	303.0	
2	51.098	V	57.0	-21.1	35.9	40.0	4.1	100.0	269.0	
3	53.644	V	58.1	-21.3	36.8	40.0	3.2	129.0	292.0	
4	87.473	V	57.3	-25.1	32.2	40.0	7.8	132.0	41.0	
5	311.906	V	60.8	-17.3	43.5	47.0	3.5	100.0	22.0	
6	359.921	V	50.7	-15.2	35.5	47.0	11.5	100.0	120.0	
7	599.875	H	43.8	-8.5	35.3	47.0	11.7	400.0	115.0	
8	647.890	H	47.2	-8.1	39.1	47.0	7.9	276.0	115.0	
9	695.905	H	51.0	-7.4	43.6	47.0	3.4	365.0	77.0	
10	743.799	H	50.3	-6.0	44.3	47.0	2.7	200.0	119.0	
11	840.071	H	50.0	-5.4	44.6	47.0	2.4	266.0	115.0	
12	850.014	H	49.4	-5.1	44.3	47.0	2.7	400.0	134.0	

### ◆ Calculation - SAC #4(10 m)

Result(QP) [dB(uV/m)] = (Reading(QP)[dB(uV)] + c.f[dB(1/m)])

Margin(QP)[dB] = Limit[dB(uV/m)] - Result(QP) [dB(uV/m)]

Reading(QP) : Reading value, Result(QP) : Reading value + Factor value

Limit(QP) : Limit value, c.f : (ANT Factor + Cable Loss - Preamp Factor), Margin: Margin value

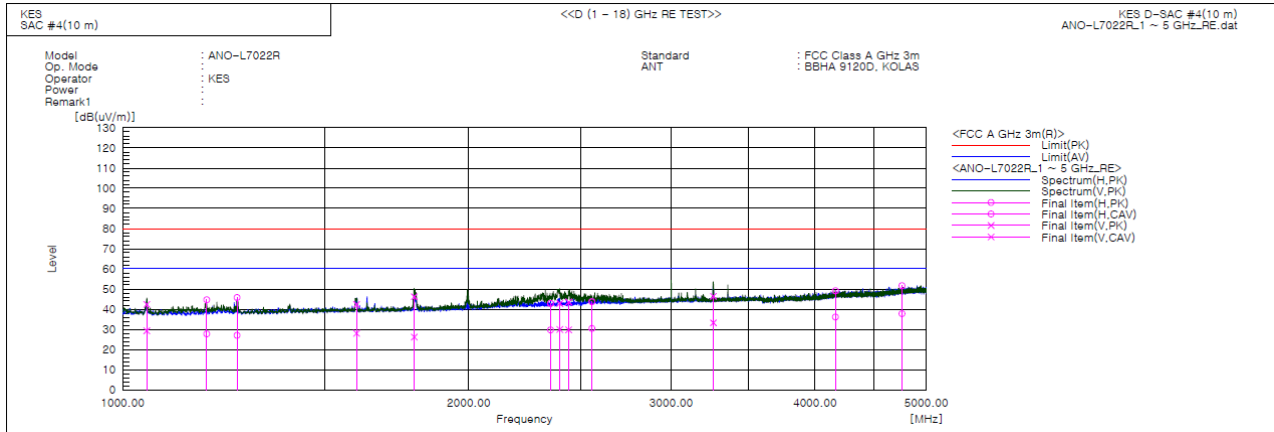
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## Radiated Electric Field Emissions(Above 1 GHz)



### Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB(1/m)]	Result PK [dB(uV/m)]	Result CAV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin CAV [dB]	Height [cm]	Angle [deg]	Remark
1	1049.344	V	46.3	33.2	-3.9	42.4	29.3	80.0	60.0	37.6	30.7	106.0	301.0	
2	1183.166	H	47.6	30.7	-2.9	44.7	27.8	80.0	60.0	35.3	32.2	377.0	211.0	
3	1257.529	H	48.2	29.4	-2.4	45.8	27.0	80.0	60.0	34.2	33.0	200.0	177.0	
4	1597.526	V	42.8	28.4	-0.4	42.4	28.0	80.0	60.0	37.6	32.0	133.0	312.0	
5	1792.906	V	45.7	25.7	0.5	46.2	26.2	80.0	60.0	33.8	33.8	100.0	324.0	
6	2355.482	H	39.2	26.1	3.6	42.8	29.7	80.0	60.0	37.2	30.3	400.0	211.0	
7	2399.961	V	39.0	26.2	3.8	42.8	30.0	80.0	60.0	37.2	30.0	128.0	320.0	
8	2442.792	V	39.5	25.7	4.1	43.6	29.8	80.0	60.0	36.4	30.2	117.0	286.0	
9	2559.704	H	39.0	25.7	4.7	43.7	30.4	80.0	60.0	36.3	29.6	365.0	257.0	
10	3263.599	V	38.6	25.5	7.8	46.4	33.3	80.0	60.0	33.6	26.7	100.0	91.0	
11	4167.309	H	37.0	23.9	12.2	49.2	36.1	80.0	60.0	30.8	23.9	400.0	202.0	
12	4761.588	H	36.9	23.0	14.8	51.7	37.8	80.0	60.0	28.3	22.2	296.0	116.0	

### ◆ Calculation

Result(PK/CAV) [dB(uV/m)] = (Reading(PK/CAV)[dB(uV)] + c.f[dB(1/m)])

Margin(PK/CAV)[dB] = Limit[dB(uV/m)] - Result(PK/CAV) [dB(uV/m)]

Reading(PK/CAV) : Reading value, Result(PK/CAV) : Reading value + Factor value

Limit(QP) : Limit value, c.f : (ANT Factor + Cable Loss - Preamp Factor), Margin: Margin value

## Test Setup Photos and Configuration

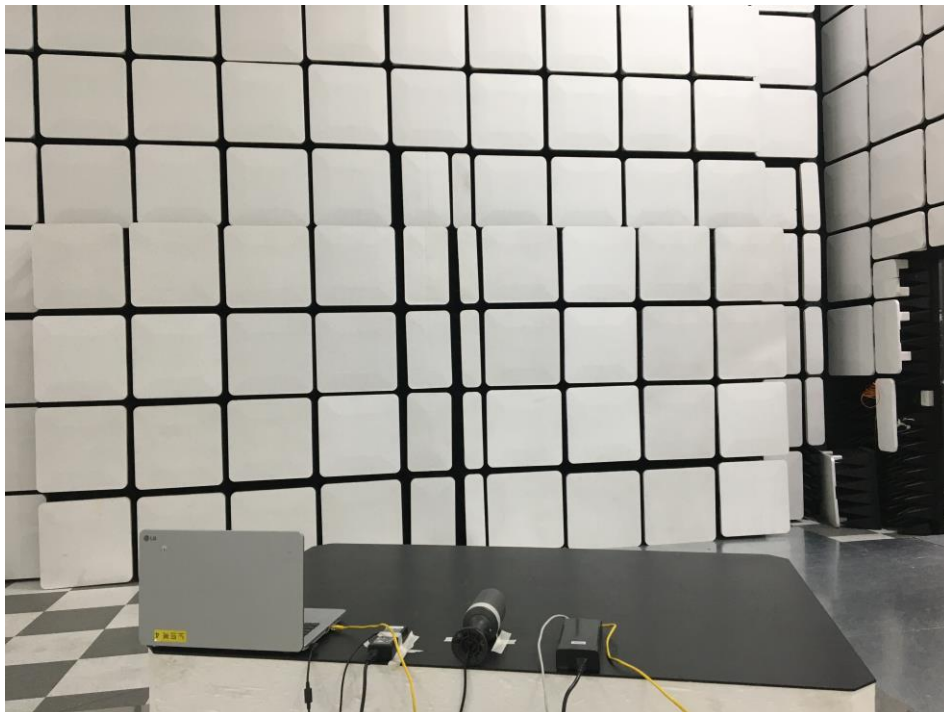
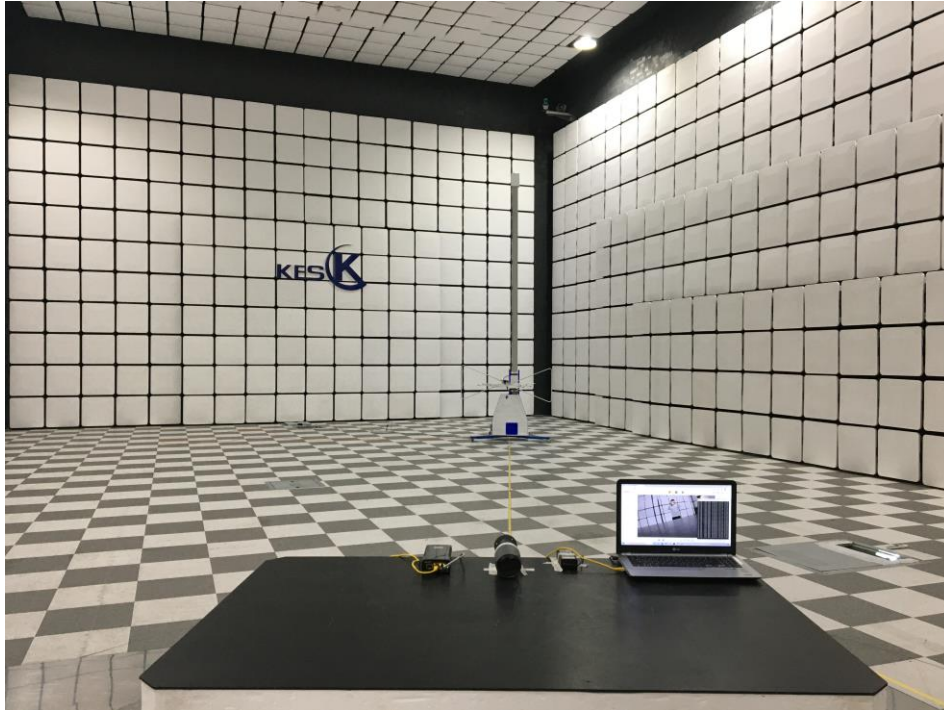
### Conducted Emissions at Mains Power Ports



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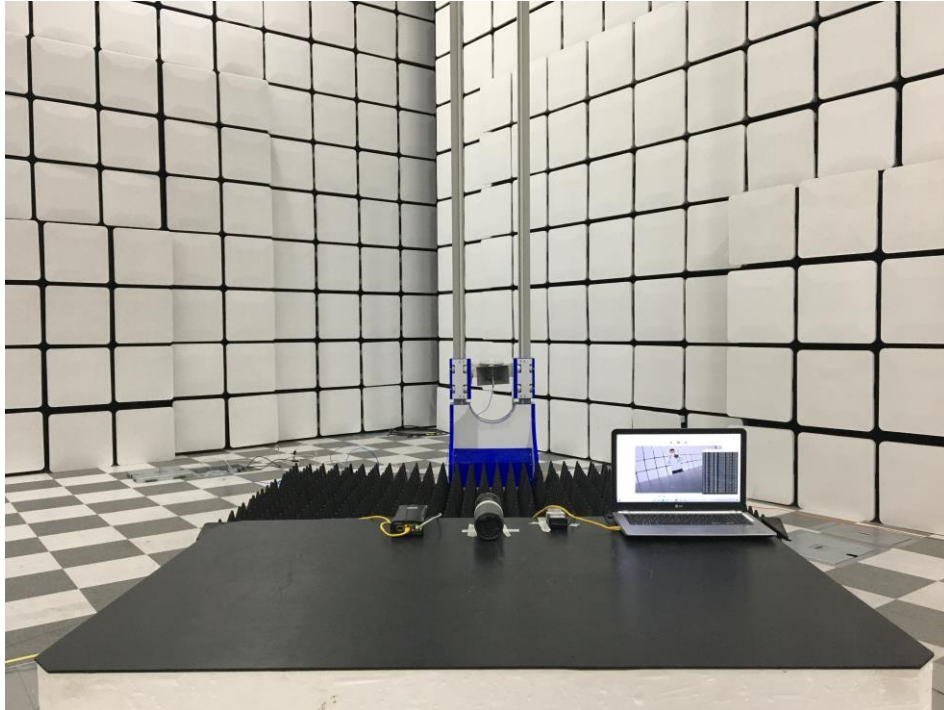


## Radiated Electric Field Emissions(Below 1 GHz)



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## Radiated Electric Field Emissions(Above 1 GHz)



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## EUT External Photographs

(Top)



(Bottom)



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## EUT Internal Photographs

(Internal View)



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## EUT Internal View – Board 1

(Top)



(Bottom)



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## EUT Internal View – Board 2

(Top)



(Bottom)



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## EUT Internal View – Board 3

(Top)



(Bottom)



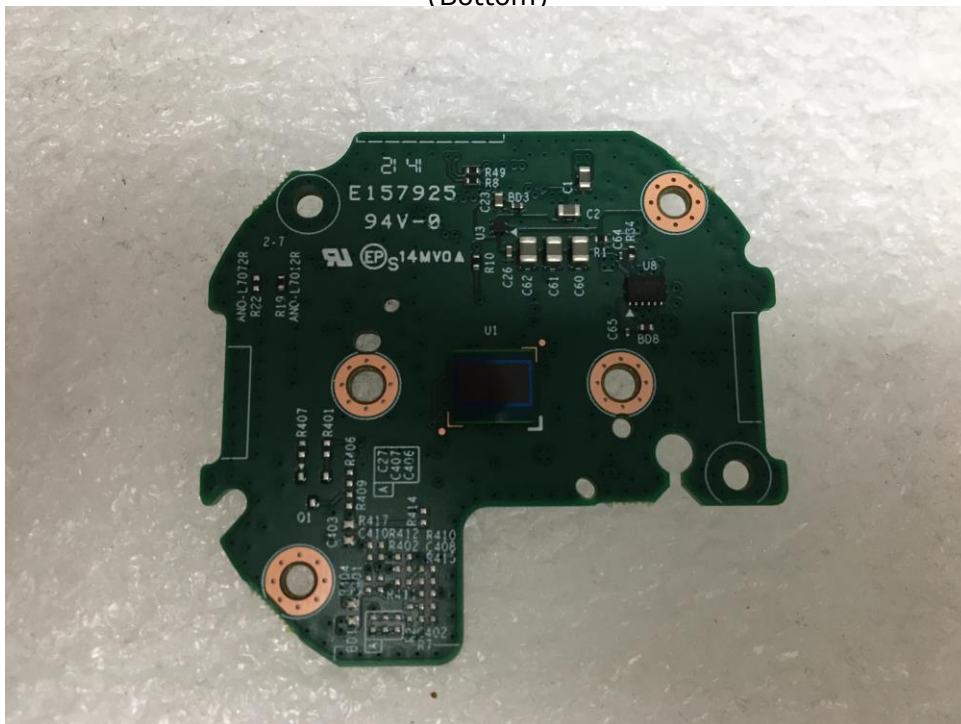
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## EUT Internal View – Board 4

(Top)



(Bottom)



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## EUT Internal View – Lens

(Top)



(Bottom)



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## Label Photographs



CAN ICES-3(A) / NMB-3(A)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :  
(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.