



TEST REPORT



Report No. : KES-EM250234

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KES Co., Ltd.

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1. Client

Applicant : Hanwha Vision Co., Ltd

Applicant Address : 6, Pangyo-ro 319Beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

2. Sample Description

Product name : NNETWORK CAMERA

Model/Type No. : XNO-A9084R

Variant Model : -

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 Ward, Bac Ninh City, Bac Ninh Province, Vietnam
2. 173-25, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi- do, Korea (Suwon Industrial Complex)

3. Date of Receipt : Jan. 20, 2025

4. Test date : Jan. 25, 2025 ~ Jan. 26, 2025

5. Date of Issue : Feb. 24, 2025

6. Test Results : In Compliance

Tested by

Reviewed by

Eun Gu, Jeon
EMC Test Engineer

Dong Hun, Jang
EMC Technical Manager

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

KES-QP16-F01(00-23-01-01)

KES Co., Ltd.

The authenticity of this test report can be found on the verification page of our website (www.kes.co.kr)



REPORT REVISION HISTORY

Date	Test Report No.	Revision History
Feb. 24, 2025	KES-EM250234	Issued

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Network		Mechanical	
Ethernet	Metal shielded RJ-45(10/100BASE-T)	Color / Material	White / Aluminum Hard-coated window Recycled plastic: 77%
Video Compression	H.265/H.264: Main/Baseline/High MPEG	RAL Code	RAL9003
Audio Compression	G.711(PCM): 8kHz(64Kbps) G.726(ADPCM): 8kHz(16/24/32/40Kbps) AAC-LC: 16kHz(48Kbps) OPUS: 48kHz(64Kbps)	Product Dimensions / Weight	ø93.4x276.6mm(3.68x10.89"), 1630g(3.59lb)
Smart Codec	WideStream(Based on AI engine)	Compatible Conduit hole / Gang	Single, double, 4" octagon, 4" square
Video Quality Adjustment	None	Certifications & Standards	
Bitrate Control	H.264/H.265: CBR or VBR MPEG: VBR	Network	None
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 5 profiles, 3 virtual channel support)	EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/UKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 VCCI CISPR 32 Class A RCM AS/NZS CISPR 32 Class A KS C 9832 Class A, KS C 9835
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP/UDP, RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP/SFTP, SMTP(StartTLS), ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), CDP, MQTT, Syslog, SIP	Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC/EN 62471
SIP support (VoIP, Peer-to-peer)	Support	Environment	IEC/EN 63000 IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA-TS 2(2.2.7.2- 8, 2.2.8, 2.2.9) IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78
Security	None	Video	None
Application Programming Interface	ONVIF Profile S/G/T/M SUNAPI(HTTP API) Hanwha Vision Open Platform	Compatible Models	
OS / Firmware Protect	Encrypted Firmware, Secure boot, Signed Firmware	Hanging Adaptor	SBP-160HMMW1
User authentication	Digest Authentication, Prevent brute-force attack	Back Box	Included
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)	Ceiling Mount (Assy)	SBP-150CML, SBP-300CML, SBP-300CMW1, SBP-900CMW, SBP-300CMTW, SBP- 300CMTS
Secure Communication	HTTPS, SRTP, WSS(Websocket secure)	Ceiling Mount (Single Unit)	SBP-180CMB, SBP-140CMB, SBP-180CMS, SBP-900CMP, SBP-300CMP, SBP-150CMP, SBP-C1SP, SBP-C1SH
Access Control	IP-based access control, MAC-based access control, Auto logout	Wall Mount	SBP-160WMW1, SBP-400WMW, SBP-250WMW, SBP-300WMW, SBP-300WMW1
Data Protect	Encryption Credentials, Encrypt compress for live recording file export	Wall Mount Adaptor	None
Audit	Access / System / Event Log management	Pole Mount	SBP-180PMW, SBP-300PMW2
Device ID	Device Certificate(Hanwha vision Root CA)	In-ceiling Mount	None
Secure Storage	Secure element, SDcard partition encrypt	Corner Mount	SBP-156KMW, SBP-300KMW1, SBP-180KMA
General		Parapet Mount	SBP-156LMW1, SBP-300LMW
Webpage Language	English, Korean, Simplified Chinese, Traditional Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek	Tilt Mount	None
Web Viewer	None	Cabinet	SBP-150NBW, SBP-300NBW
Edge Storage	Micro SD/SDHC/SDXC 1slot 1TB	Housing	None
Memory	4GB RAM, 8GB eMMC	Gang Plate	None
Environmental & Electrical		Skin Cover	None
Operating Temperature / Humidity	-40°C~+60°C(-40°F~+140°F) +74°C(+165°F)(MAX) based on NEMA-TS 2(2.2.7) * Start up should be done at above -30°C 0~100%RH(Condensing) Humidity control with AIR vent	Weather Cap	None
Storage Temperature / Humidity	-50°C~+60°C(-58°F~+140°F) / 0~90% RH	Dome Cover	None
Wind Load	None	Conduit Adaptor	SBP-060BA
Certification	IP66/IP67, NEMA4X, IK10, NEMA-TS 2(2.2.7.2-8, 2.2.8, 2.2.9)	Power Module	None
Input Voltage	PoE(IEEE802.3af, Class3)	Interface Box	SPM-4210
Power Consumption	PoE: Max. 12.95W	Other Compatible Models	SPP-C7400, SBP-115PFA



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.

☒ AC 120 V, 60 Hz (PoE Adapter Input Power)

1.2 Variant Model Differences

Not applicable

1.3 Device Modifications

Not applicable

1.4 Equipment Under Test

Description	Model Number	Serial Number	Manufacturer	Remarks
NETWORK CAMERA	XNO-A9084R	-	HANWHA VISION VIETNAM COMPANY LIMITED	EUT

1.5 Support Equipments

Description	Model Number	Serial Number	Manufacturer	Remarks
PoE Injector	PT-PSE109GBRO-AH	-	Dongguan PROCET Network Technology Co.,Ltd	-
Laptop	P95G001	9JM8HT2	DELL INC.	-
Laptop Adapter	HA65NM130	-	Chicony Power Technology(Suzhou)Co.,Ltd.	-
Micro SD Card	-	-	-	-
Headset	K550	-	Britz®	-
Alarm	-	-	-	-
Button Alarm	-	-	-	-



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 Injector	RJ-45 (PoE)	3.1	U
	Micro SD Slot	Micro SD Card	Micro SD Slot	-	-
	ALARM AUDIO (SPEAKER)	Headset	Line	1.8	U
	ALARM AUDIO (MIC)				
	ALARM AUDIO (ALARM IN)	Alarm	Line	3.1	U
	ALARM AUDIO (ALARM OUT)	Button Alarm	Line	3.1	U
PoE Adapter	RJ-45 (LAN)	Laptop	RJ-45 (LAN)	1.8	U
Laptop	DC Jack	Laptop Adapter	Line	1.2	U

* Unshielded=U, Shielded=S

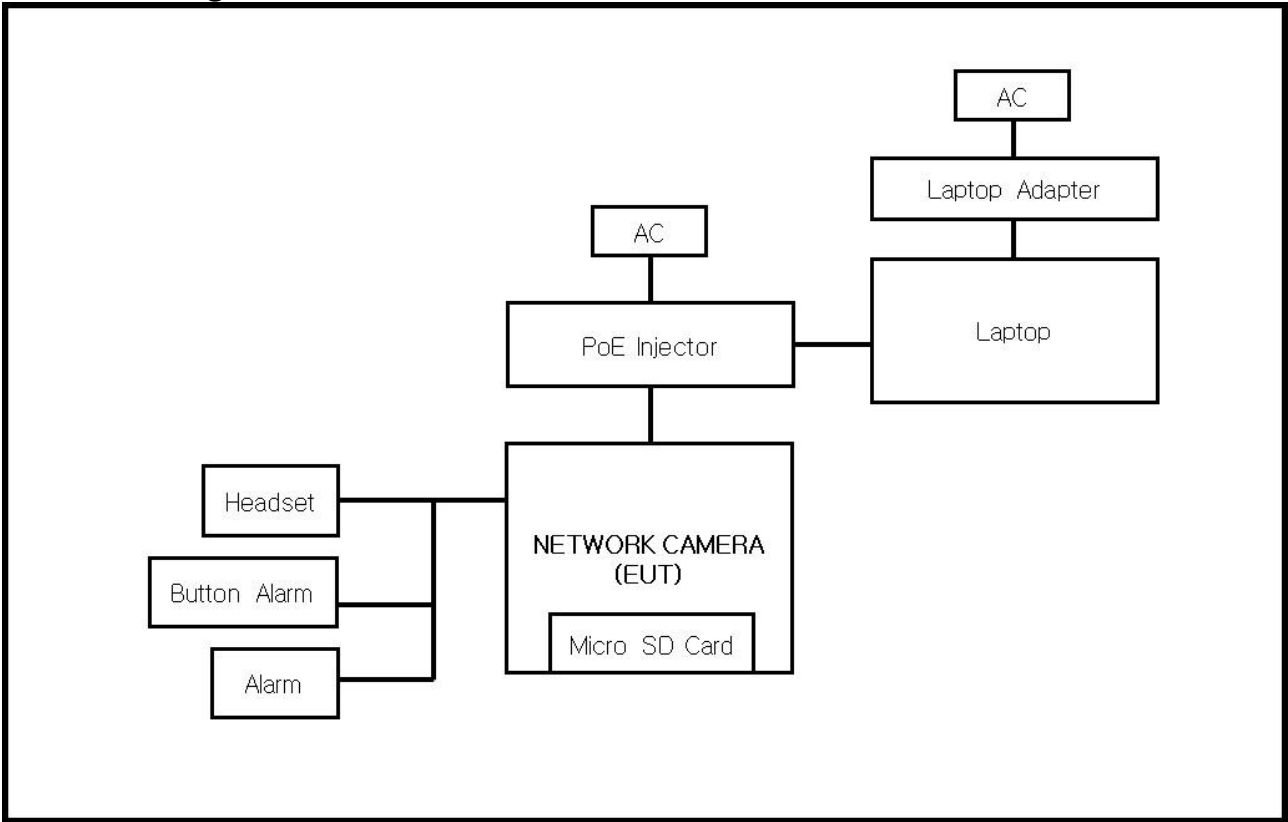
1.7 EUT Operating Mode(s)

Test mode	Normal operating
Operating	- Check the network behavior of the EUT with the laptop's ping test - View images of the camera through the Web Viewer - Insert 1 kHz tone through the web viewer to see if the sound is output to the headset - Enable the MIC through the Web Viewer to check the operation of the headset microphone - After testing, check the recording with Micro SD Card

EUT Test operating S/W		
Name	Version	Manufacture Company
Web Viewer	-	HANWHA VISION VIETNAM COMPANY LIMITED



1.8 Configuration





1.9 Remarks when standards applied

USB C Type Port is not tested because it is for unused port.



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 0008



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





2.1 Conducted Emissions at Mains Power Ports

Test Date

Jan. 25, 2025

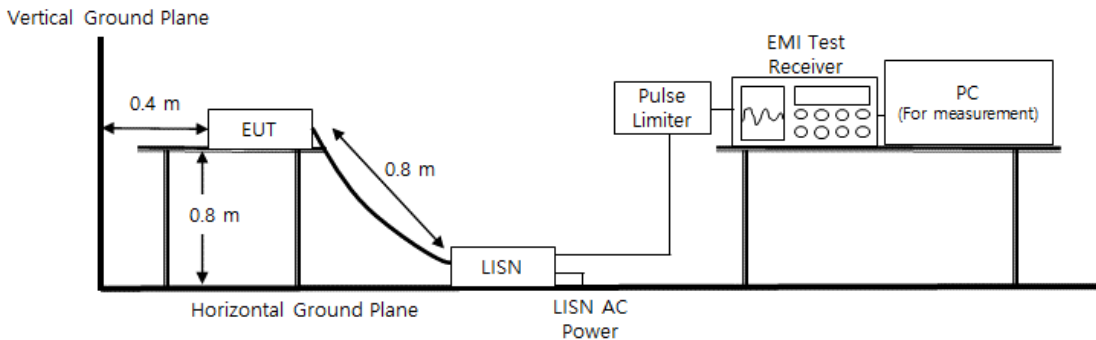
Test Location

Electro wave Shieldroom #6

Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
☒	EMI Test S/W	EMC32	R & S	9.12.00	-
☒	EMI TEST RECEIVER	ESR3	R & S	101783	11, 06, 2025
☒	LISN	ENV216	R & S	101786	01, 09, 2026
☒	ARTIFICIAL MAINS NETWORK	ESH2-Z5	R & S	100450	11, 06, 2025
☒	PULSE LIMITER	ESH3-Z2	R & S	101915	11, 06, 2025

Diagram of test setup





Test Conditions

Temperature: (23,6 ± 0,1) °C
Relative Humidity: (46,2 ± 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.





2.2 Radiated Electric Field Emissions(Below 1 GHz)

Test Date

Jan. 25, 2025

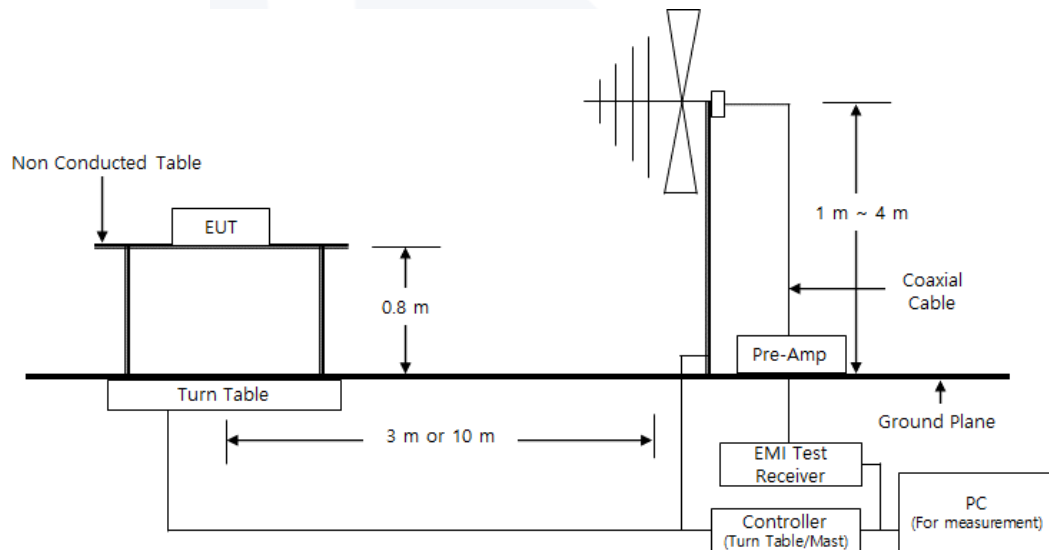
Test Location

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

Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
☒	EMI Test S/W	EP5/RE	TOYO Corporation	6.0.0	-
☒	EMI TEST RECEIVER	ESU26	R & S	100551	02, 13, 2025
☒	AMPLIFIER	SCU 01	R & S	100603	11, 06, 2025
☒	BILOG ANTENNA	VULB 9168	SCHWARZBECK	9168-461	05, 09, 2026
☒	ATTENUATOR	6806.17.A	HUBER+SUHNER	-	02, 13, 2025

Diagram of test setup





Test Conditions

Temperature: (22,7 ± 0,1) °C
Relative Humidity: (46,0 ± 0,1) % 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

Jan. 26, 2025

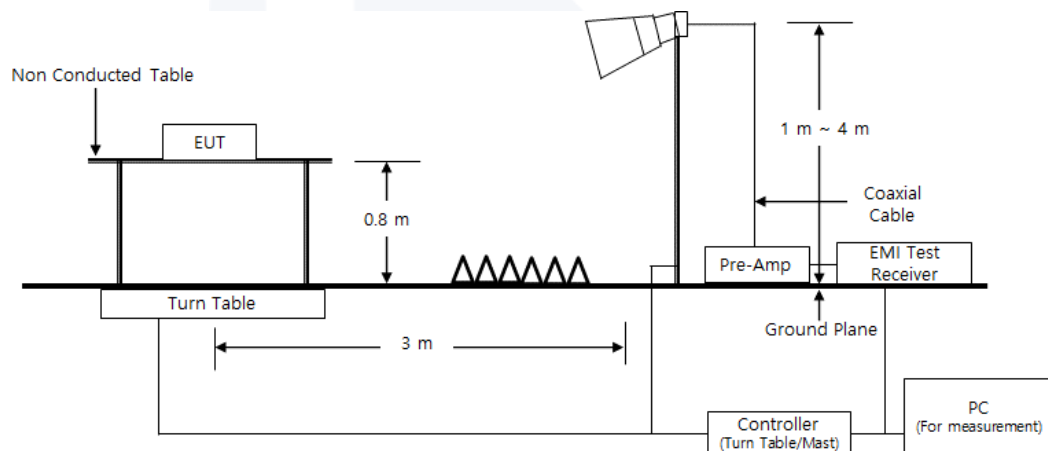
Test Location

SEMI ANECHOIC CHAMBER #5

Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
☒	EMI Test SW	ES10/RE	TOYO Corporation	2022.01.000	-
☒	EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100552	02, 13, 2025
☒	HORN ANTENNA	BBHA 9120D	SCHWARZBECK	9120D-1802	11, 04, 2025
☒	PREAMPLIFIER	8449B	HP	3008A00538	04, 30, 2025
☒	ATTENUATOR	8491B	HP	23094	02, 13, 2025

Diagram of test setup





Test Conditions

Temperature: (22,7 ± 0,1)°C
Relative Humidity: (45,8 ± 0,1) % R.H.

Frequency Range of Measurement

1 GHz to 9 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.

The Average of the test data is the cispr average result.



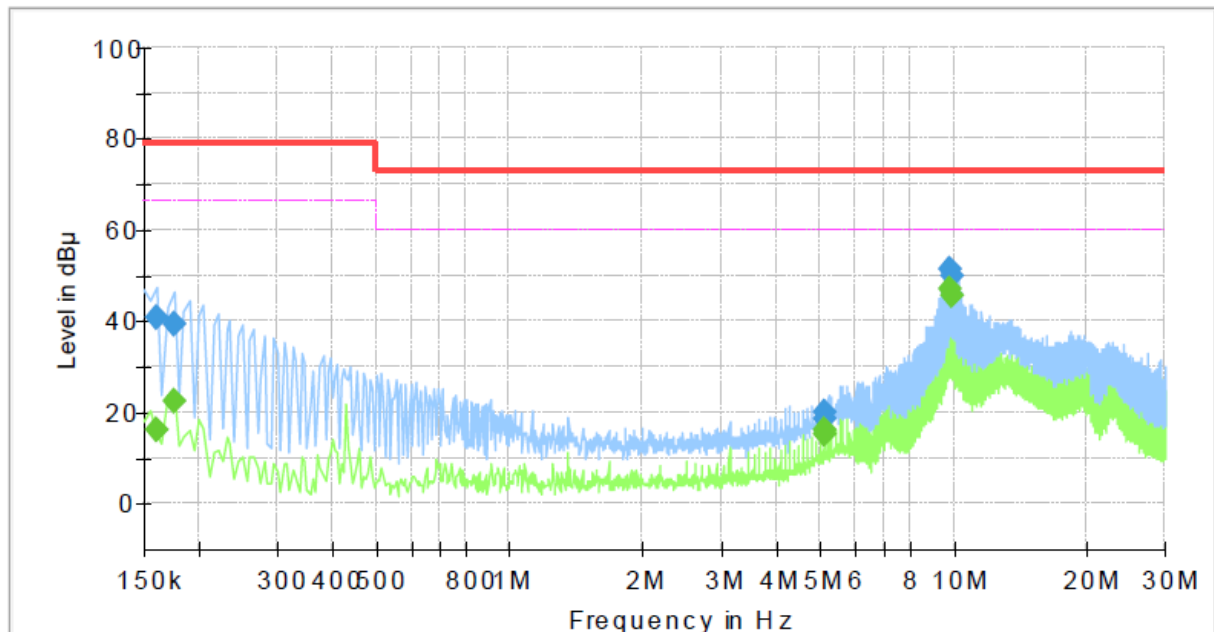
APPENDIX A – TEST DATA

Conducted Emissions at Mains Power Ports

HOT LINE

Common Information

Test Description: Conducted Emission
Job No.: KES-EM250234
Phase: L
Mode:
Operator Name: KES



Final_Result

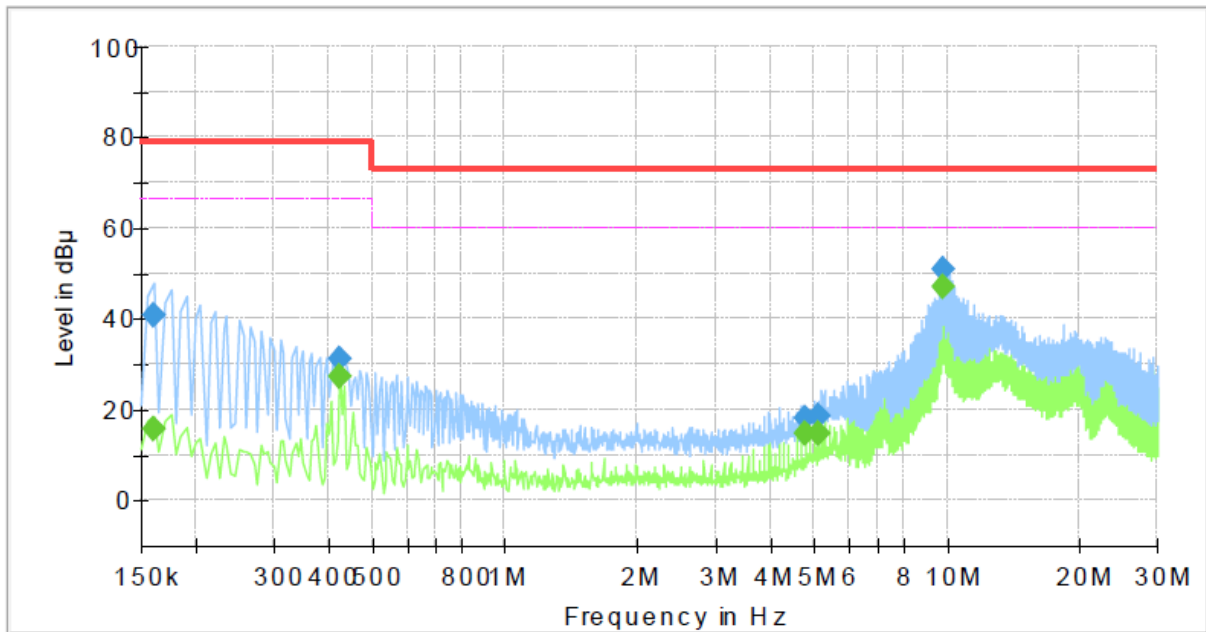
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.160000	---	16.08	66.00	49.92	1000.0	9.000	L1	19.6
0.160000	40.58	---	79.00	38.42	1000.0	9.000	L1	19.6
0.175000	---	22.12	66.00	43.88	1000.0	9.000	L1	19.6
0.175000	39.06	---	79.00	39.94	1000.0	9.000	L1	19.6
5.110000	---	14.99	60.00	45.01	1000.0	9.000	L1	20.0
5.110000	18.63	---	73.00	54.37	1000.0	9.000	L1	20.0
5.115000	---	15.97	60.00	44.03	1000.0	9.000	L1	20.0
5.115000	19.75	---	73.00	53.25	1000.0	9.000	L1	20.0
9.810000	---	47.02	60.00	12.98	1000.0	9.000	L1	20.1
9.810000	51.31	---	73.00	21.69	1000.0	9.000	L1	20.1
9.915000	---	45.49	60.00	14.51	1000.0	9.000	L1	20.1
9.915000	49.85	---	73.00	23.15	1000.0	9.000	L1	20.1



NEUTRAL LINE

Common Information

Test Description: Conducted Emission
Job No.: KES-EM250234
Phase: N
Mode:
Operator Name: KES

**Final_Result**

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.160000	---	15.61	66.00	50.39	1000.0	9.000	N	19.6
0.160000	40.67	---	79.00	38.33	1000.0	9.000	N	19.6
0.425000	---	26.93	66.00	39.07	1000.0	9.000	N	19.6
0.425000	31.13	---	79.00	47.87	1000.0	9.000	N	19.6
4.800000	---	14.82	60.00	45.18	1000.0	9.000	N	19.9
4.800000	17.90	---	73.00	55.10	1000.0	9.000	N	19.9
5.110000	---	14.66	60.00	45.34	1000.0	9.000	N	19.9
5.110000	18.45	---	73.00	54.55	1000.0	9.000	N	19.9
9.810000	---	46.74	60.00	13.26	1000.0	9.000	N	20.1
9.810000	50.98	---	73.00	22.02	1000.0	9.000	N	20.1

◆ Calculation

QuasiPeak[dBuV] / CAverage [dBuV] = Reading Value[dBuV] + Corr. [dB]

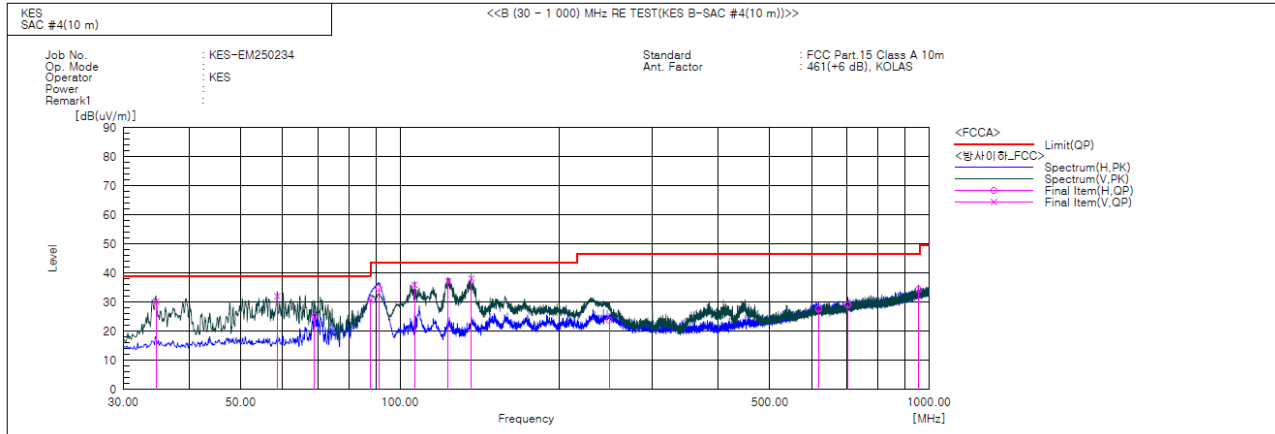
QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

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

**Radiated Electric Field Emissions(Below 1 GHz)**

- 47 CFR Part 15, Subpart B

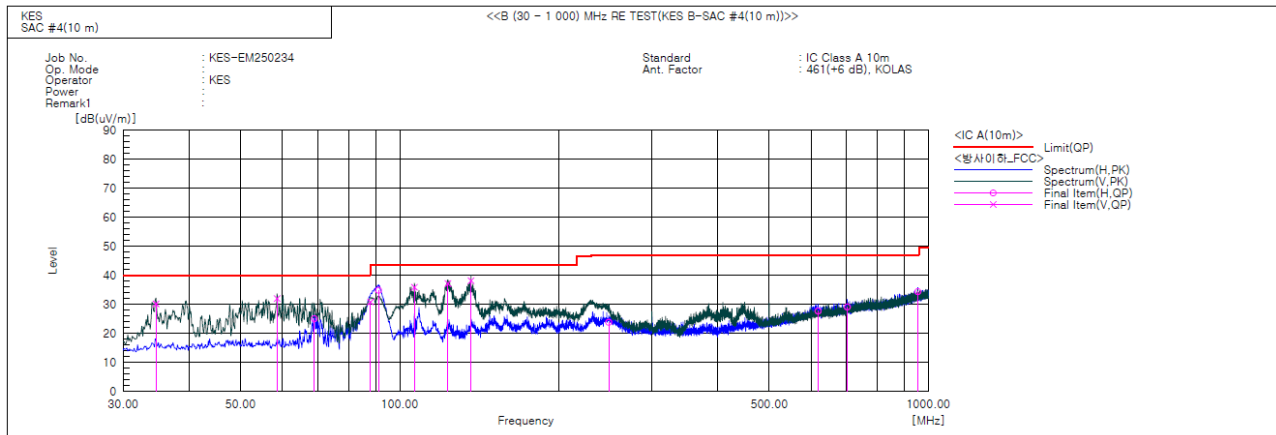
**Final Result**

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	34.608	V	52.6	-22.4	30.2	39.0	8.8	142.0	322.0	
2	58.615	V	53.4	-21.4	32.0	39.0	7.0	113.0	250.0	
3	68.921	H	47.7	-22.6	25.1	39.0	13.9	298.0	202.0	
4	88.079	V	57.1	-26.3	30.8	43.5	12.7	141.0	246.0	
5	91.231	H	61.0	-26.2	34.8	43.5	8.7	381.0	350.0	
6	106.630	V	59.9	-24.0	35.9	43.5	7.6	111.0	325.0	
7	123.363	V	59.3	-22.1	37.2	43.5	6.3	135.0	156.0	
8	136.458	V	58.7	-20.6	38.1	43.5	5.4	139.0	175.0	
9	248.614	H	43.5	-19.7	23.8	46.5	22.7	354.0	236.0	
10	618.426	H	34.4	-6.7	27.7	46.5	18.8	392.0	165.0	
11	702.574	H	34.1	-5.0	29.1	46.5	17.4	351.0	135.0	
12	954.895	H	35.0	-0.6	34.4	46.5	12.1	377.0	210.0	



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- IC Regulation ICES-003 Issue 7



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	34.608	V	52.6	-22.4	30.2	40.0	9.8	142.0	322.0	
2	58.615	V	53.4	-21.4	32.0	40.0	8.0	113.0	250.0	
3	68.921	H	47.7	-22.6	25.1	40.0	14.9	298.0	202.0	
4	88.079	V	57.1	-26.3	30.8	43.5	12.7	141.0	246.0	
5	91.231	H	61.0	-26.2	34.8	43.5	8.7	381.0	350.0	
6	106.630	V	59.9	-24.0	35.9	43.5	7.6	111.0	325.0	
7	123.363	V	59.3	-22.1	37.2	43.5	6.3	135.0	156.0	
8	136.458	V	58.7	-20.6	38.1	43.5	5.4	139.0	175.0	
9	248.614	H	43.5	-19.7	23.8	47.0	23.2	354.0	236.0	
10	618.426	H	34.4	-6.7	27.7	47.0	19.3	392.0	165.0	
11	702.574	H	34.1	-5.0	29.1	47.0	17.9	351.0	135.0	
12	954.895	H	35.0	-0.6	34.4	47.0	12.6	377.0	210.0	

◆ Calculation

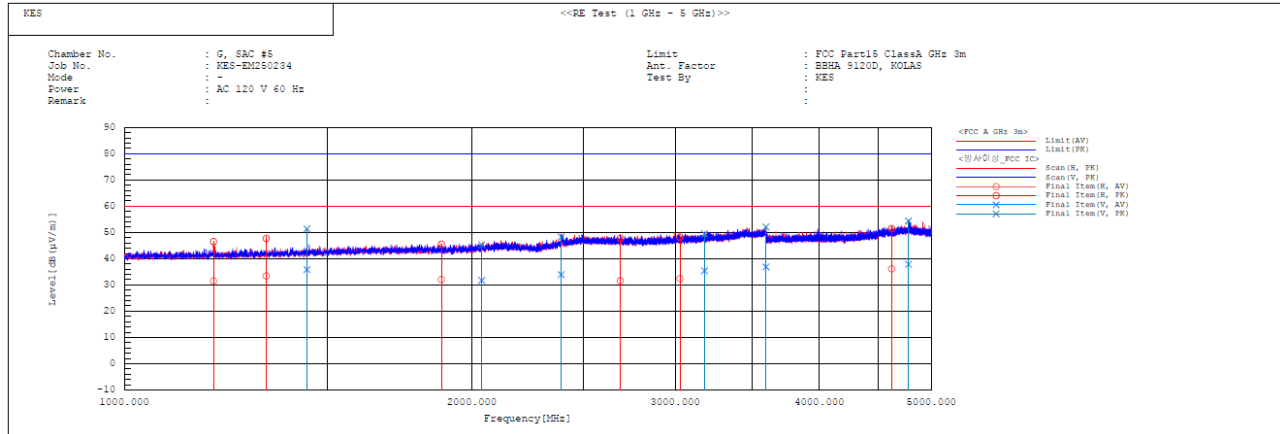
$$\text{Result(QP)} [\text{dB}(\mu\text{V/m})] = (\text{Reading(QP)} [\text{dB}(\mu\text{V})] + \text{c.f} [\text{dB}(1/\text{m})])$$
$$\text{Margin(QP)} [\text{dB}] = \text{Limit} [\text{dB}(\mu\text{V/m})] - \text{Result(QP)} [\text{dB}(\mu\text{V/m})]$$

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

**Radiated Electric Field Emissions(Above 1 GHz)**

(1 ~ 5) GHz

**Final Result**

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB (1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]	Remark
1	1194.851	H	32.1	47.1	-0.6	31.5	46.5	60.0	80.0	28.5	33.5	214.0	223.3	
2	1327.461	H	33.3	47.6	0.1	33.4	47.7	60.0	80.0	26.6	32.3	241.0	80.6	
3	1440.072	V	35.1	50.7	0.7	35.8	51.4	60.0	80.0	24.2	28.6	152.0	157.4	
4	1882.404	H	29.7	43.1	2.4	32.1	45.5	60.0	80.0	27.9	34.5	192.0	345.3	
5	2040.712	V	28.7	42.2	3.0	31.7	45.2	60.0	80.0	28.3	34.8	157.0	118.7	
6	2390.457	V	29.5	43.9	4.4	33.9	48.3	60.0	80.0	26.1	31.7	118.0	311.8	
7	2690.433	H	26.2	42.3	5.4	31.6	47.7	60.0	80.0	28.4	32.3	310.0	151.5	
8	3029.241	H	26.1	41.9	6.3	32.4	48.2	60.0	80.0	27.6	31.8	199.0	354.7	
9	3181.636	V	29.0	43.1	6.4	35.4	49.5	60.0	80.0	24.6	30.5	105.0	144.1	
10	3596.912	V	29.6	44.8	7.3	36.9	52.1	60.0	80.0	23.1	27.9	113.0	298.2	
11	4620.437	H	25.3	40.7	10.8	36.1	51.5	60.0	80.0	23.9	28.5	183.0	19.3	
12	4778.322	V	26.6	43.1	11.3	37.9	54.4	60.0	80.0	22.1	25.6	162.0	28.0	



Report No. : KES-EM250234

(5 ~ 9) GHz

- PK

Frequency (MHz)	Reading PK (dBuV)	Polarization	Height (m)	ANT Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
6 490.800	43.100	H	1.000	35.250	8.830	34.780	52.400	80.000	27.600
9 115.200	38.900	V	1.000	37.900	10.850	34.340	53.310	80.000	26.690

- CISPR AV

Frequency (MHz)	Reading CISPR AV (dBuV)	Polarization	Height (m)	ANT Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
6 490.800	29.700	H	1.000	35.250	8.830	34.780	39.000	60.000	21.000
9 115.200	26.300	V	1.000	37.900	10.850	34.340	40.710	60.000	19.290

◆ Calculation

$$\text{Result(QP)} [\text{dB}(\mu\text{V}/\text{m})] = (\text{Reading(QP)}[\text{dB}(\mu\text{V})] + \text{c.f}[\text{dB}(1/\text{m})])$$
$$\text{Margin(QP)}[\text{dB}] = \text{Limit}[\text{dB}(\mu\text{V}/\text{m})] - \text{Result(QP)} [\text{dB}(\mu\text{V}/\text{m})]$$

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



Test Setup Photos and Configuration

Conducted Emissions at Mains Power Ports





Radiated Electric Field Emissions(Below 1 GHz)





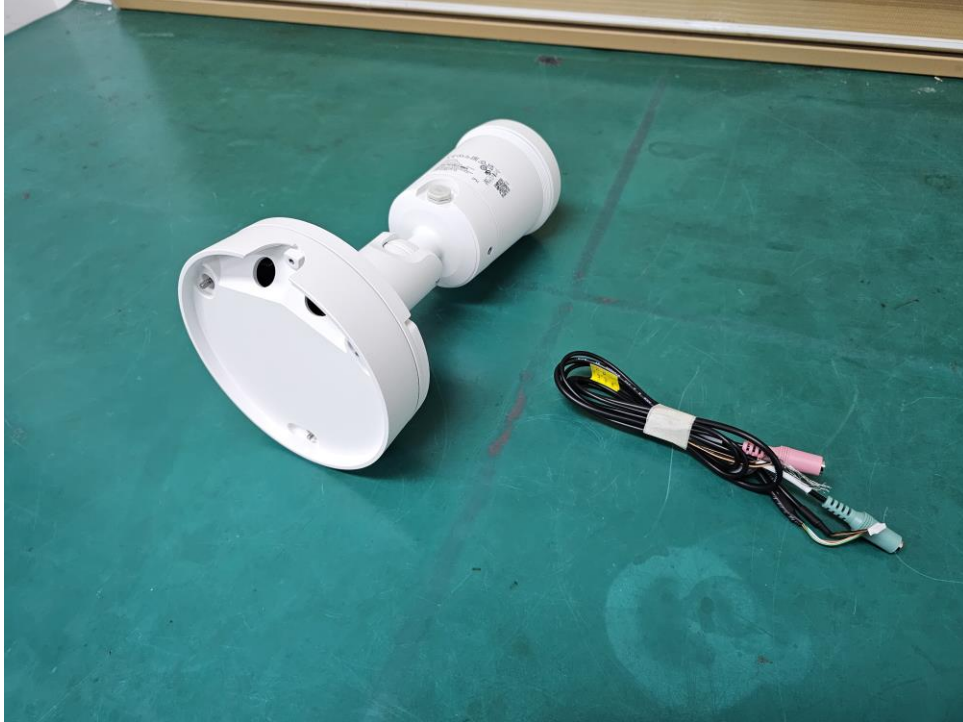
Radiated Electric Field Emissions(Above 1 GHz)



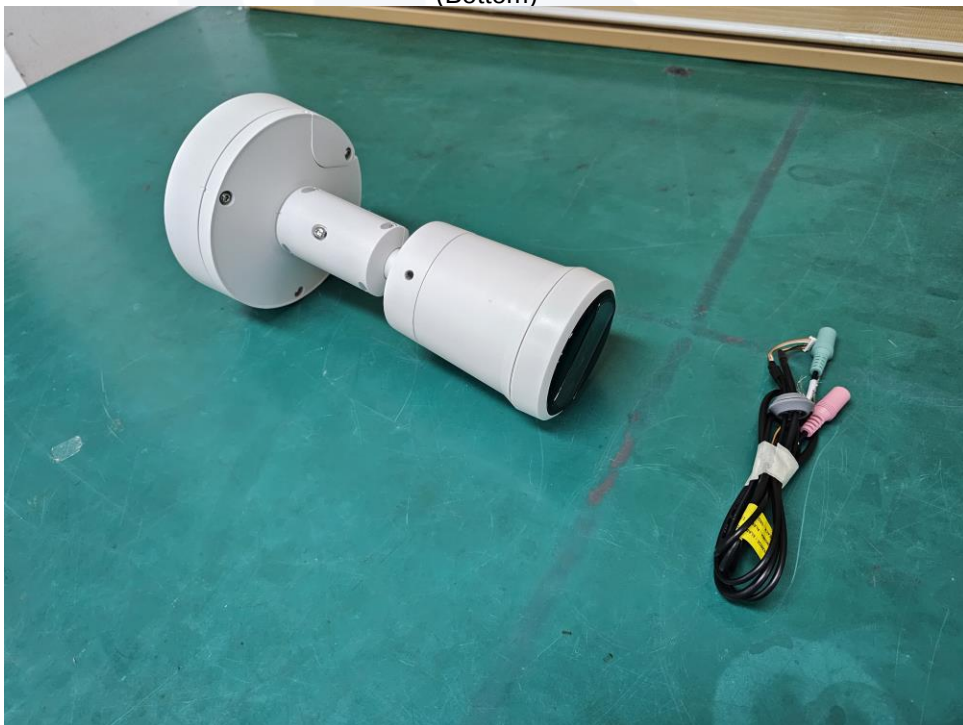


EUT External Photographs

(Top)



(Bottom)





EUT Internal Photographs

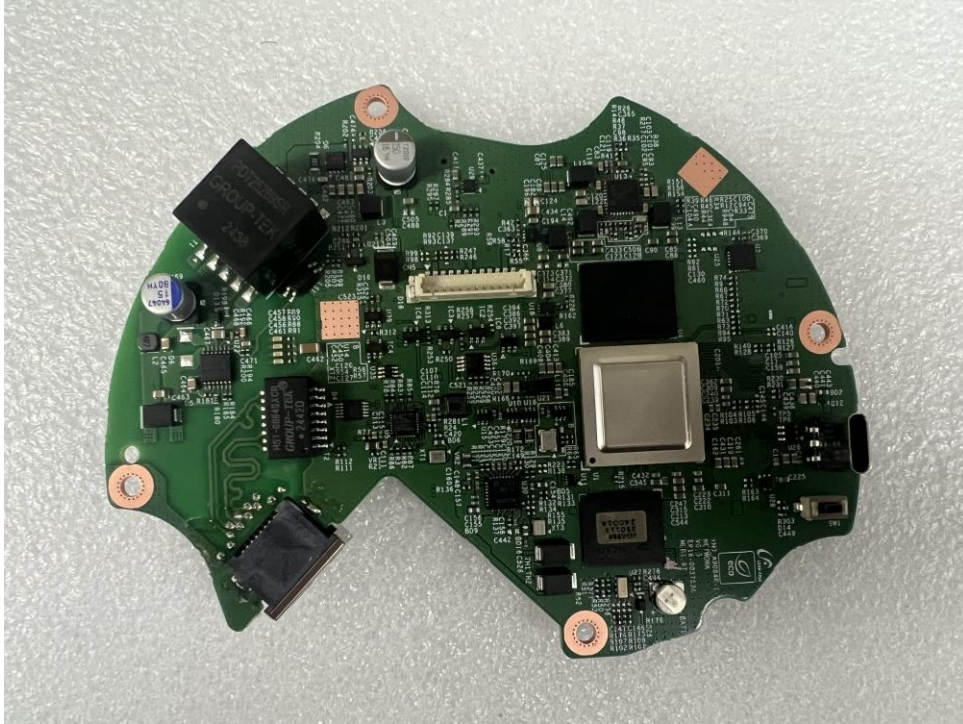
(Internal View)



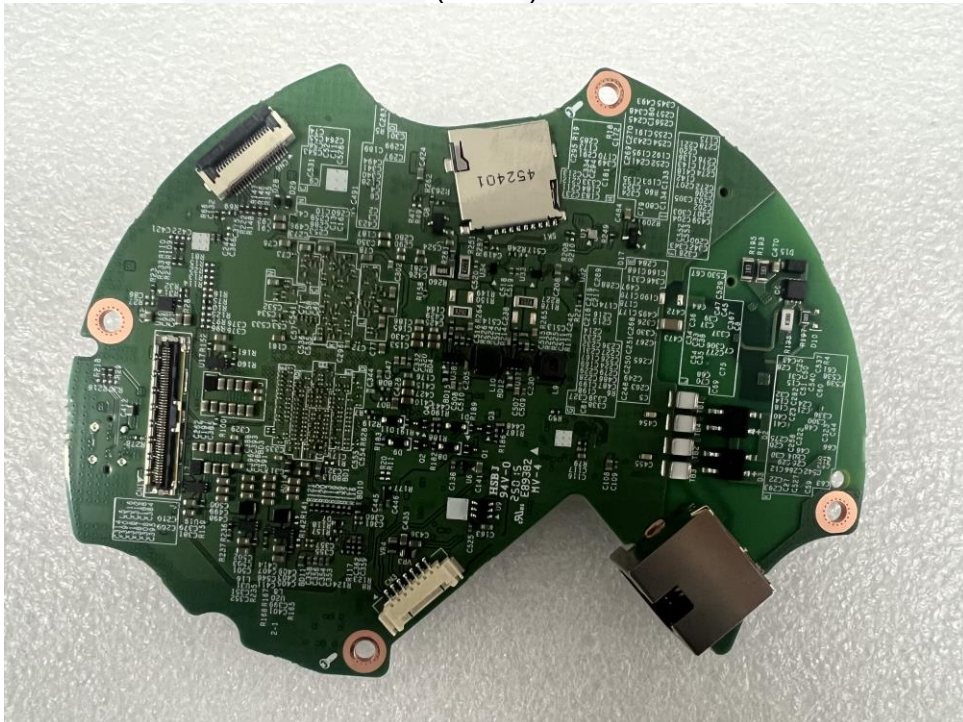


EUT Internal View – Main Board

(Top)



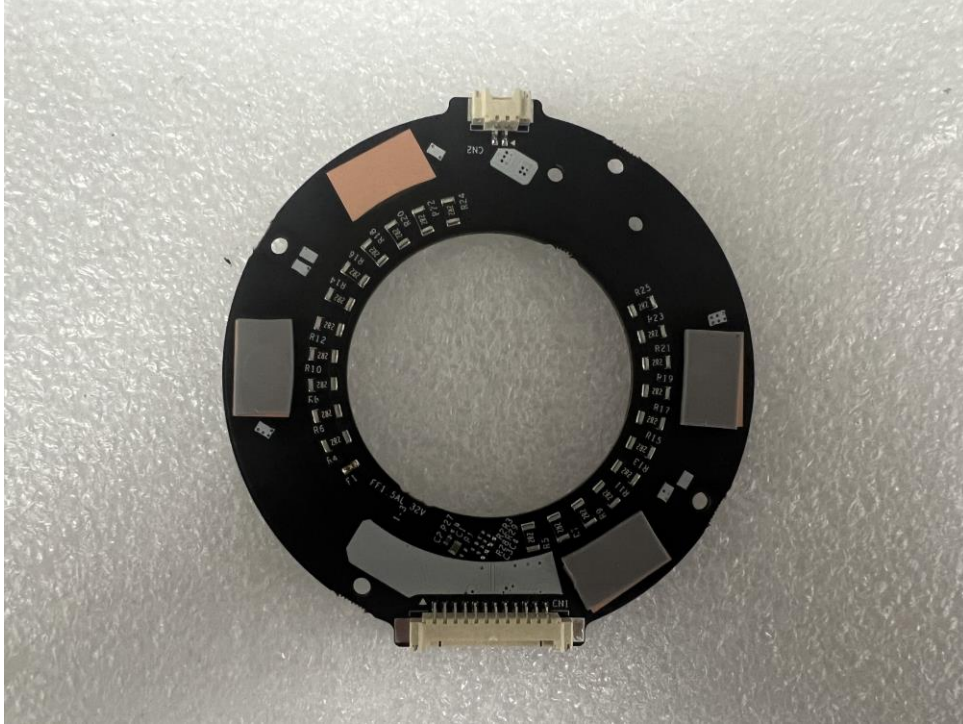
(Bottom)





EUT Internal View – Board 1

(Top)



(Bottom)





EUT Internal View – Camera board

(Top)



(Bottom)





Label Photographs

FCC Label



NETWORK CAMERA

XNO-A9084R

IC Label

CAN ICES-003(A) / NMB-003(A)

This device complies with ICES-003 Canada Rules 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.

The End.