



TEST REPORT



Report No. : KES-EM251562

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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 : NETWORK CAMERA

Model/Type No. : PNV-A7082RZ

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 : Apr. 28, 2025

4. Test date : May. 03, 2025 ~ May. 05, 2025

5. Date of Issue : May. 23, 2025

6. Test Results : In Compliance

Tested by

Reviewed by

Dae Soo, Kim
EMC Test Engineer

Dong Hun, Jang
EMC Technical Manager

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

**REPORT REVISION HISTORY**

Date	Test Report No.	Revision History
May. 23, 2025	KES-EM251562	Issued

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1.0 General Product Description

Main Specifications of EUT are:

Video		Operational	
Imaging Device	1/1.8" CMOS	Camera Title	Displayed up to 85 characters
Resolution	2592x1520, 2560x1440, 1920x1080, 1600x1200, 1280x960, 1280x720, 1024x768, 800x600, 640x480, 640x360, 320x240, 320x180	Direction Indicator	None
		Day & Night	Auto(ICR)
		Backlight Compensation	BLC, HLC, WDR, SSDR
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz)	Wide Dynamic Range	120dB
	MJPEG: Max. 30fps(@4MP Max. 5fps)	Digital Noise Reduction	SSNR V, WiseNR II (Based on AI engine)
		Digital Image Stabilization	Support
NETD	None	Defog	Support
Pixel Size	None	Motion Detection	Bea, 8point polygonal zones 32ea, 8point polygonal zones - Color: gray/green/red/blue/black/white/purple/yellow - Mosaic
Video Out	None	Privacy Masking	Dynamic Privacy Mask (Based on AI engine) - Color: gray/green/red/blue/black/white/purple/yellow - Mosaic
Video Transmission Distance	None	Gain Control	Off / Max Gain / Manual
Lens		White Balance	ATW / NarrowATW / AWC / Manual / Indoor / Outdoor
		LDC	Support (Fill/Stretch mode)
		Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/30,000sec) Prefer shutter control (Based on AI engine)
Focal Length (Zoom Ratio)	4.6~9.35mm(2.0x) motorized varifocal	Digital PTZ	None
Optical Zoom	None	Video Rotation	Flip, mirror, hallway view(90°/270°)
Max. Aperture Ratio	F1.3(Wide)~F2.15(Tele)	Analytics	Classified object type: Person/Face/Vehicle (Type: car/bus/truck/motorcycle/bicycle)/License plate Attributes: Person (Gender, Clothing top/bottom color, Bag), Face (Age, Gender, Mask, Glasses), Vehicle (Type: car/bus/truck/motorcycle/bicycle, Color) Support BestShot Support Re-ID (Person)
Angular Field of View	H: 105°(Wide)~47°(Tele) V: 58°(Wide)~27°(Tele) D: 128°(Wide)~55°(Tele)		Analytics events based on AI engine - Motion detection, Object detection, Virtual line (Crossing/Direction), Virtual area (Loitering/Intrusion/Enter/Exit/Appear/Disappear), Slip & fall detection, Face mask detection, Social distancing detection, Sound classification (To be released)
Min. Object Distance	1.5m(4.92ft)		Analytics events - Defocus detection, Tampering, Shock detection, Audio detection
Focus Control	Simple focus	Business Intelligence	Based on AI engine: People/Vehicle/Crowd counting, Queue management, Heatmap
Lens Type	P-iris (IR corrected)	Serial Interface	None
Mount Type	None	Alarm I/O	None
Optional Lens	None	Alarm Triggers	Analytics, Network disconnection, Alarm input, Time schedule, MQTT subscription, Day/Night, Storage disruption, Case tampering * Alarm input (with NW I/O Box SPM-4210) When alarm trigger occurred - File upload (image): e-mail/FTP/SFTP - File upload (video clip): FTP/SFTP - Notification: e-mail
Pan / Tilt / Rotate		Alarm Events	- Recording: SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handover: PTZ preset, send message by HTTP/HTTPS/TCP - Audio clip playback (WAV, MP3) - MQTT: publication
Pan / Tilt / Rotate Range	Remote adjustment (Max. 3,650 cycles) 0°~350° / 0°~85° / 0°~180°	Audio Streaming	None
Pan Range	None	Audio In	None
Pan Speed	None	Audio Out	None
Tilt Range	None	Light Type	IR LED
Tilt Speed	None	Light Viewable Length	WiseIR 30m(98.43ft)
Rotate Range	None	IR Viewable Length	None
Sequence	None	IR Illuminator (Optional)	None
Preset Accuracy	None	IR Radiation angle	None
		IR LED	None
		IR Wavelength	850nm
		IR Operation	None
		Water Removal	None
		Auto Tracking	None
		Coaxial Protocol	None
		Color Palettes	None



Radiometry	
Temperature Detect Range	None
Temperature Accuracy	None
Temperature Detection	None
Additional	None
Network	
Ethernet	Metal shielded RJ-45(10/100/1000BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High MJPEG
Audio Compression	None
Smart Codec	WiseStream(Based on AI engine)
Video Quality Adjustment	None
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 5 profiles, 3 virtual channel support)
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 support (VoIP, Peer-to-peer)	None
Security	None
Application Programming Inter	ONVIF Profile S/G/T/M SUNAPI(HTTP API) Hanwha Vision Open Platform
Security	
OS / Firmware Protect	Encrypted Firmware, Secure boot, Signed Firmware
User authentication	Digest Authentication, Prevent brute-force attack
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Secure Communication	HTTPS, SRTP, WSS(Websocket secure)
Access Control	IP-based access control, MAC-based access control, Auto logout
Data Protect	Encryption Credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
Device ID	Device Certificate(Hanwha vision Root CA)
Secure Storage	Secure element, SDcard partition encrypt
Security Certificate	ETSI EN 303 645, Secure element(FIPS 140-3 level3, CC EAL6+)
General	
Webpage Language	English, Korean, Simplified Chinese, Traditional Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
Web Viewer	None
Edge Storage	Micro SD/SDHC/SDXC 2slots 2TB(1TBx2)
Memory	4GB RAM, 8GB eMMC

Environmental & Electrical	
Operating Temperature / Humidity	-50°C~-+55°C(-58°F~-+131°F) / 0~100% RH +74°C(+165°F)(MAX) based on NEMA-TS 2(2.2.7) Start up should be done at above -30°C Humidity control /w AIR vent
Storage Temperature / Humidity	-50°C~-+60°C(-58°F~-+140°F) / 0~90% RH
Wind Load	None
EPA(Effective Projected Area)	0.017m ²
Certification	IP66/IP67/IP6K9K, NEMA4X, IK11, NEMA-TS 2(2.2.7.2-8, 2.2.8, 2.2.9)
Input Voltage	PoE+(IEEE802.3at type2, Class4)
Power Consumption	PoE: Max. 15.0W, typical 9.0W Support Wisepower - Power monitoring(Max/Current/Avg.)
Mechanical	
Color / Material	White / Aluminum Bubble: Hard-coated dome
RAL Code	RAL9003
Product Dimensions / Weight	ø180x135mm(ø7.09x5.31"), 2.100g(4.63lb)
Compatible Conduit hole / Gasket	19.1mm(3/4")(M25) single, double, 4" octagon, 4" square
Certifications & Standards	
Network	None FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A) CE/AUKCA - EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3 VCCI C1SPR 32 Class A RCM AS/NZS C1SPR 32 Class A KS C 9832 Class A, KS C 9835
EMC	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC/EN 62471
Safety	IEC/EN 63000 IEC/EN 60529 IP66/IP67/IP6K9K, IEC/EN 62262 IK11, NEMA 250 Type 4X, NEMA-TS 2(2.2.7.2-8, 2.2.8, 2.2.9)
Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78
Video	None
Compatible Models	
Hanging Adaptor	SBP-180HWW1
Back Box	SBV-180BW, SBV-180WW
Ceiling Mount (Assy)	SBP-150CMI, SBP-300CMI, SBP-300CMW1, SBP-900CMW, SBP-300CMTW, SBP-300CMTS, SBP-156CMW
Ceiling Mount (Single Unit)	SBP-180CMB, SBP-140CMB, SBP-180CMS, SBP-900CMP, SBP-300CMP, SBP-150CMP, SBP-C15P, SBP-C15H
Wall Mount	SBP-400WMW, SBP-250WMW, SBP-156WMW
Wall Mount Adaptor	None
Pole Mount	SBD-180PMW
In-ceiling Mount	SHD-1370FPW
Corner Mount	SBD-180KMA
Parapet Mount	SBP-156LMW1, SBP-300LMW
Tilt Mount	None
Cabinet	SBP-150NBW, SBP-300NBW
Housing	None
Gang Plate	None
Skin Cover	None
Weather Cap	None (included)
Dome Cover	SPB-VAN87W
Conduit Adaptor	None
Power Module	None
Interface Box	SPM-4210
Other Compatible Models	SPB-VAN88W, SBP-115PFA
DORI (EN62676-4 standard)	
Detect (25PPM/ 8PPF)	Wide: 39.8m(130.51ft) / Tele: 119.2m(391.15ft)
Observe (63PPM/ 19PPF)	Wide: 15.9m(52.20ft) / Tele: 47.7m(156.46ft)
Recognize (125PPM/ 38PPF)	Wide: 8.0m(26.10ft) / Tele: 23.8m(78.23ft)
Identify (250PPM/ 76PPF)	Wide: 4.0m(13.05ft) / Tele: 11.9m(39.12ft)



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 240 V, 50 Hz

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	PNV-A7082RZ	-	HANWHA VISION VIETNAM COMPANY LIMITED	EUT

1.5 Support Equipments

Description	Model Number	Serial Number	Manufacturer	Remarks
PoE Injector	GS728TPP	-	NETGEAR	-
LENS	Mega Pixel	-	-	-
LAPTOP	LG15U47	-	Tech-Front (Chongqing) Computer Co., Ltd.	-
Micro SD Card 1	-	-	SanDisk	-
Micro SD Card 2	-	-	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)	3.1	U
	Micro SD Card Slot	Micro SD Card 1	Micro SD Card Slot	-	-
	Micro SD Card Slot	Micro SD Card 2	Micro SD Card Slot	-	-
PoE Adapter	RJ-45 (LAN)	LAPTOP	RJ-45 (LAN)	2.0	U
LAPTOP	DC JACK	LAPTOP Adapter	DC JACK	1.6	U

* Unshielded=U, Shielded=S

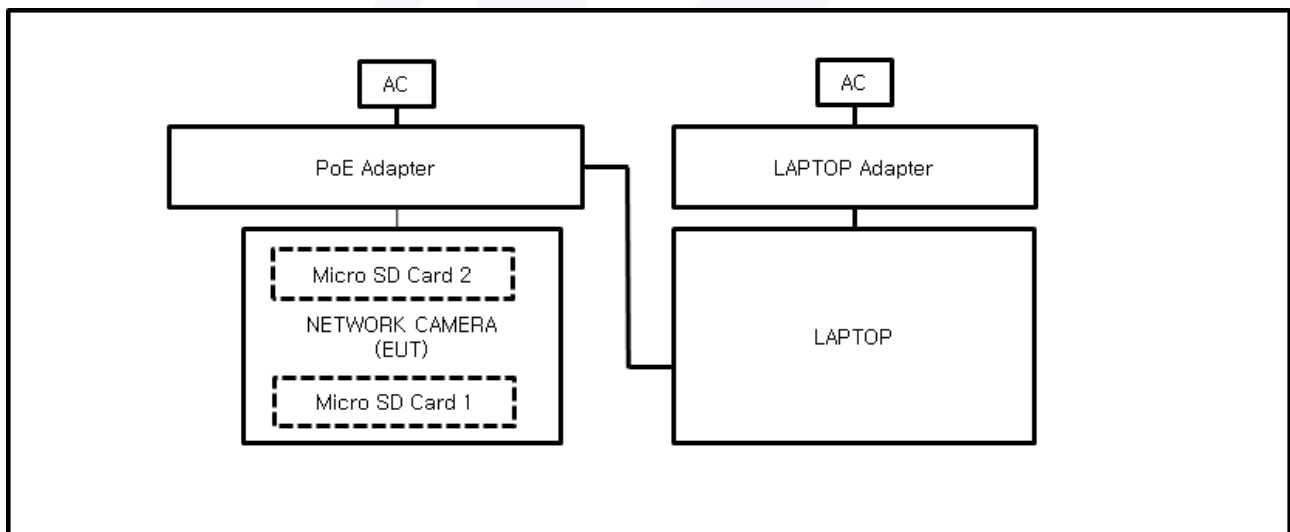


1.7 EUT Operating Mode(s)

Test mode	Normal operating
Operating	- IP from the test equipment to the laptop was tested by Ping Test on the laptop. - The test was conducted by checking whether the camera image was output normally in the Web Viewer. - After the test, I checked whether the video was recorded normally on the Micro SD Card 1, 2.

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**

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 0008



2.0 Test Regulations

The emissions tests were performed according to following regulations:

☒ **AS/NZS CISPR 32:2015 AMD 1:2020**

☒ Class A

☐ Class B





2.1 Conducted Emissions at Mains Power Ports

Test Date

N/A

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
☐	LISN	ESH2-Z5	R & S	100450	11, 06, 2025
☐	PULSE LIMITER	ESH3-Z2	R & S	101915	11, 06, 2025

Test Conditions

Temperature:

°C

Relative Humidity:

% 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

The LAN port is regarded as a wired communication network port and power-related ports are not tested.



2.2 Conducted Emissions at Telecommunication Ports

Test Date

May. 03, 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
☒	8-WIRE ISN CAT6	ENY81-CAT6	Rohde & Schwarz	101666	02, 27, 2026

Test Conditions

Temperature: (23,5 ± 0,0) °C
Relative Humidity: (46,4 ± 0,0) % 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

RemarksSee Appendix A for test data.



2.3 Radiated Electric Field Emissions(Below 1 GHz)

Test Date

May. 03, 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	ESW8	R & S	101319	03, 24, 2026
☒	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, 2026

Test Conditions

Temperature: (23,3 ± 0,0) °C

Relative Humidity: (46,0 ± 0,0) % 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

RemarksSee Appendix A for test data.



2.4 Radiated Electric Field Emissions(Above 1 GHz)

Test Date

May. 04, 2025

Test Location

SEMI ANECHOIC CHAMBER #5

Test Equipment

Used	Description	Model Number	Manufacturer	Serial Number	Cal. Due
☒	EMI Test S/W	ES10/RE	TOYO Corporation	2022.01.000	-
☒	EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100552	02, 13, 2026
☒	HORN ANTENNA	BBHA 9120D	SCHWARZBECK	9120D-1802	11, 04, 2025
☒	PREAMPLIFIER	8449B	HP	3008A00538	02, 13, 2026
☒	ATTENUATOR	8491B	HP	23094	02, 13, 2026

Test Conditions

Temperature: (23,0 ± 0,0) °C

Relative Humidity: (46,8 ± 0,0) % R.H.

Frequency Range of Measurement

1 GHz to 6 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

N/A



NEUTRAL LINE

N/A

◆ Calculation

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

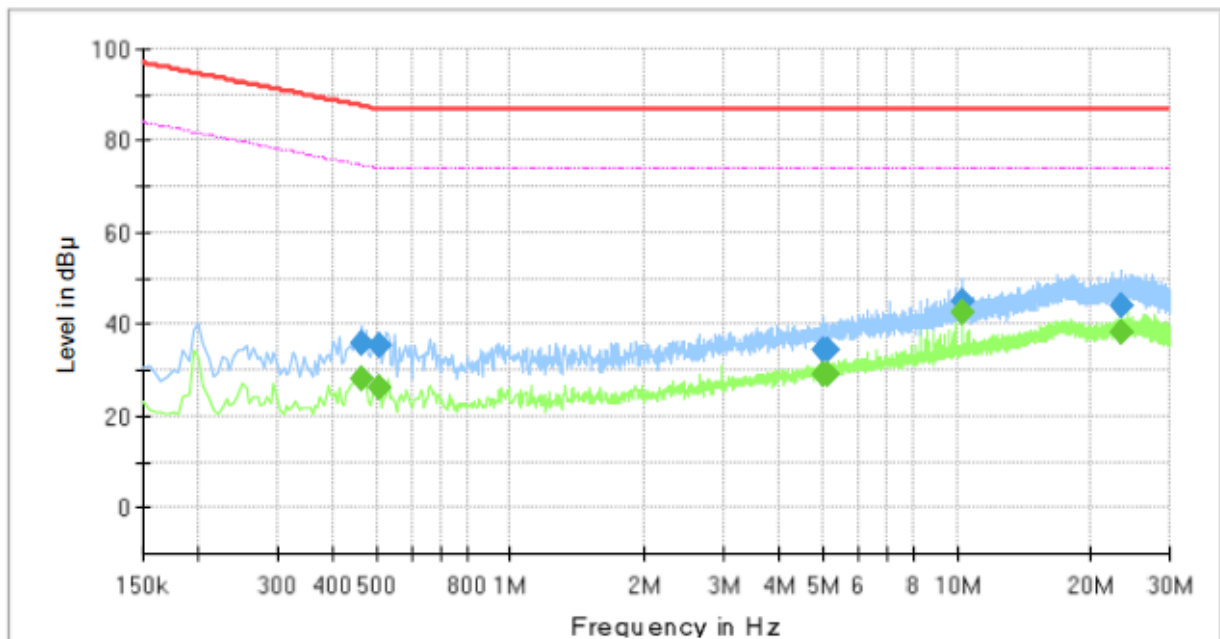
QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

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

**Conducted Emissions at Telecommunication Ports****[1000 Mbps]**

Test Description: Telecommunication Emission
Job No.: KES-EM251562
Mode : mode 1
Speed : 1 000 Mbps
Operator Name: KES

**Final Result**

Frequency (MHz)	QuasiPeak (dB μV)	CAverage (dB μV)	Limit (dB μV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.465000	---	28.09	74.60	46.51	1000.0	9.000	Single Line	19.4
0.465000	35.84	---	87.60	51.76	1000.0	9.000	Single Line	19.4
0.510000	---	26.30	74.00	47.70	1000.0	9.000	Single Line	19.4
0.510000	35.41	---	87.00	51.59	1000.0	9.000	Single Line	19.4
5.015000	---	28.85	74.00	45.15	1000.0	9.000	Single Line	19.5
5.015000	34.38	---	87.00	52.62	1000.0	9.000	Single Line	19.5
5.110000	---	28.92	74.00	45.08	1000.0	9.000	Single Line	19.5
5.110000	34.62	---	87.00	52.38	1000.0	9.000	Single Line	19.5
10.245000	---	42.40	74.00	31.60	1000.0	9.000	Single Line	19.6
10.245000	45.18	---	87.00	41.82	1000.0	9.000	Single Line	19.6
23.425000	---	38.38	74.00	35.62	1000.0	9.000	Single Line	20.0
23.425000	44.20	---	87.00	42.80	1000.0	9.000	Single Line	20.0

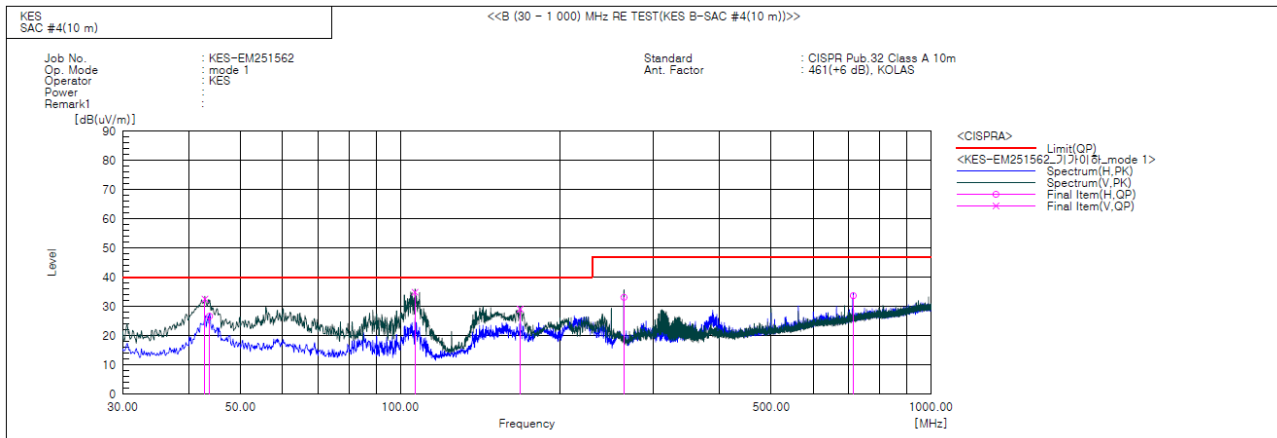
◆ Calculation

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

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

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

**Radiated Electric Field Emissions(Below 1 GHz)****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	42.853	V	54.0	-21.5	32.5	40.0	7.5	109.0	114.0	
2	43.701	H	48.1	-21.4	26.7	40.0	13.3	372.0	334.0	
3	106.630	V	58.8	-23.9	34.9	40.0	5.1	100.0	177.0	
4	168.225	V	49.0	-19.9	29.1	40.0	10.9	118.0	8.0	
5	264.013	H	51.7	-18.6	33.1	47.0	13.9	329.0	95.0	
6	713.850	H	38.3	-4.6	33.7	47.0	13.3	344.0	118.0	

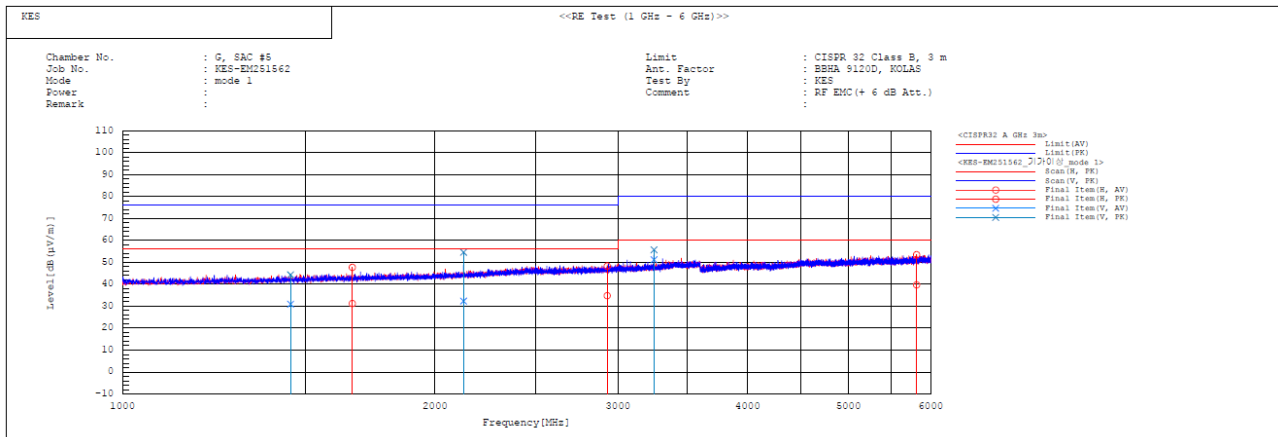
◆ Calculation

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

Margin(QP)[dB] = Limit[dB(μV/m)] - Result(QP) [dB(μV/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)****Final Result**

No.	Frequency	Pol	Reading AV	Reading PK	c.f	Result PK	Limit AV	Limit PK	Margin AV	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[deg]	
1	1452.241	V	29.5	42.9	1.4	44.3	56.0	76.0	25.1	31.7	100.0	0.1	
2	1664.579	H	29.0	45.5	2.2	47.7	56.0	76.0	24.8	28.3	100.0	235.2	
3	2130.471	V	28.6	50.9	3.7	54.6	56.0	76.0	23.7	21.4	100.0	182.2	
4	2929.616	H	28.7	42.2	6.1	48.3	56.0	76.0	21.2	27.7	100.0	284.6	
5	3250.198	V	44.4	48.9	6.8	55.7	60.0	80.0	8.8	24.3	100.0	185.6	
6	5816.058	H	26.7	40.5	13.0	53.5	60.0	80.0	20.3	26.5	100.0	180.7	

◆ Calculation

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

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

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

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



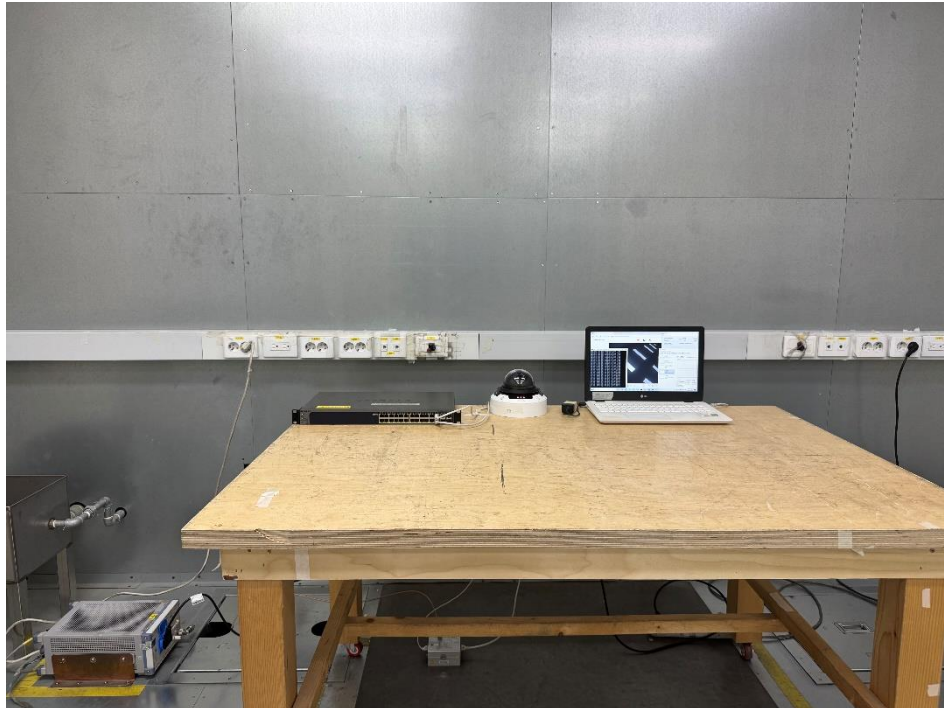
Test Setup Photos and Configuration

Conducted Emissions at Mains Power Ports

N/A

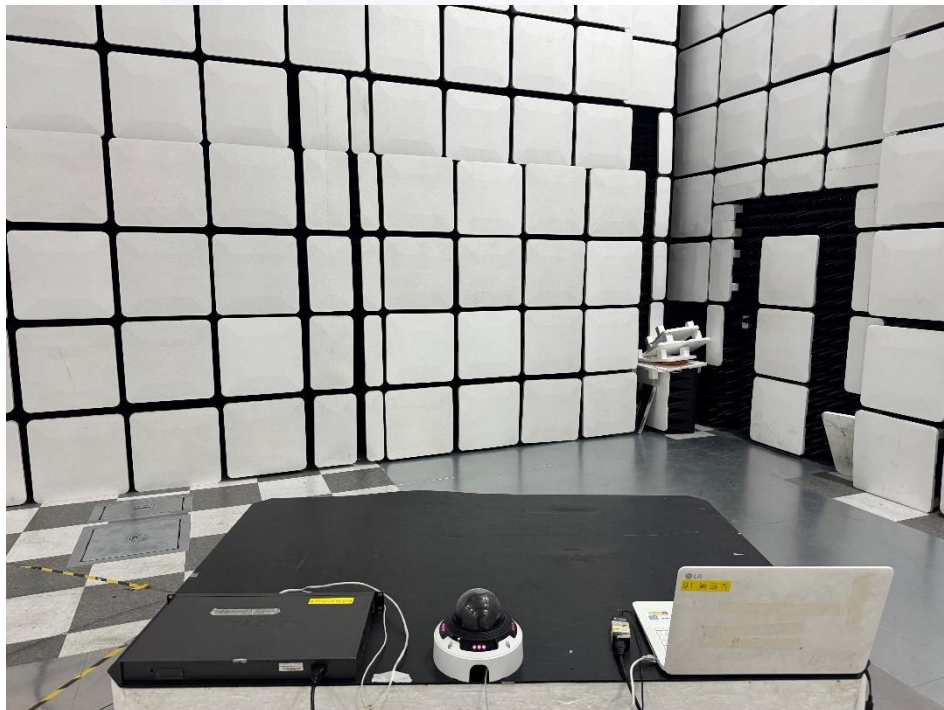
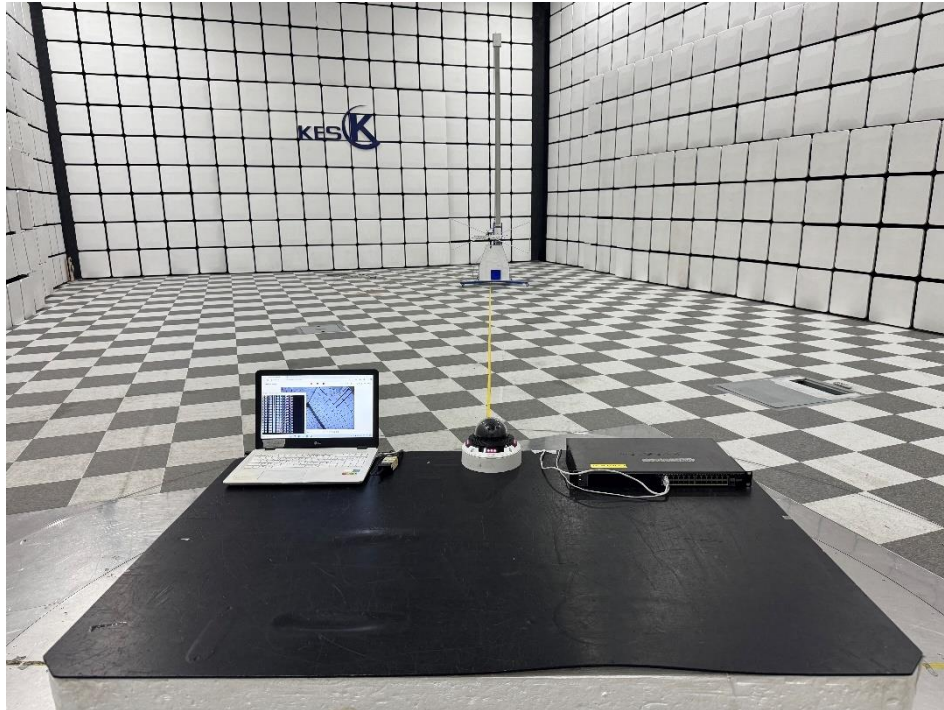


Conducted Emissions at Telecommunication Ports



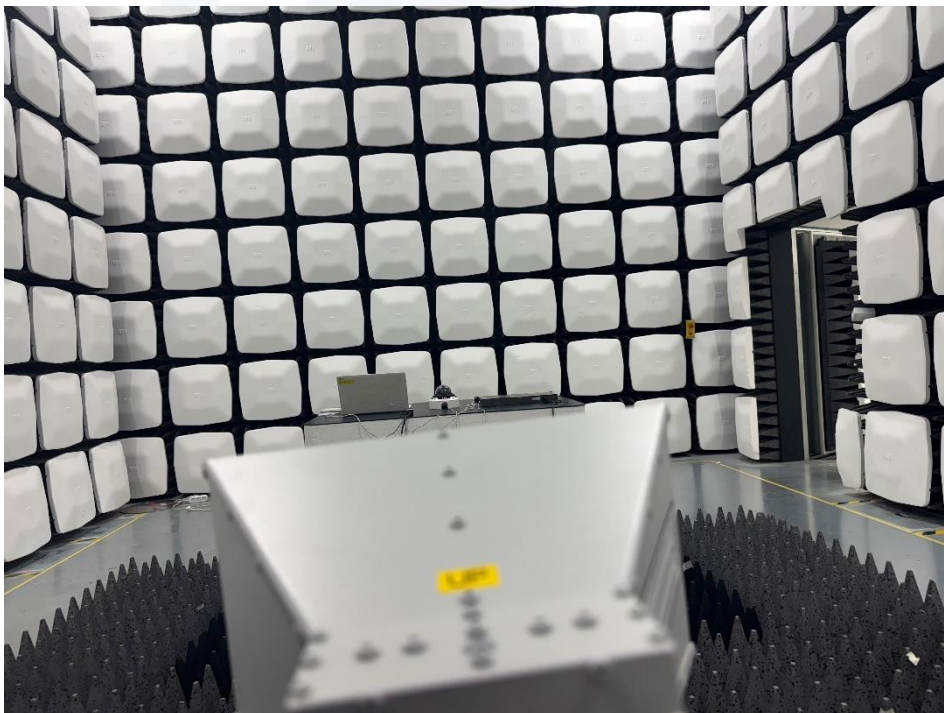
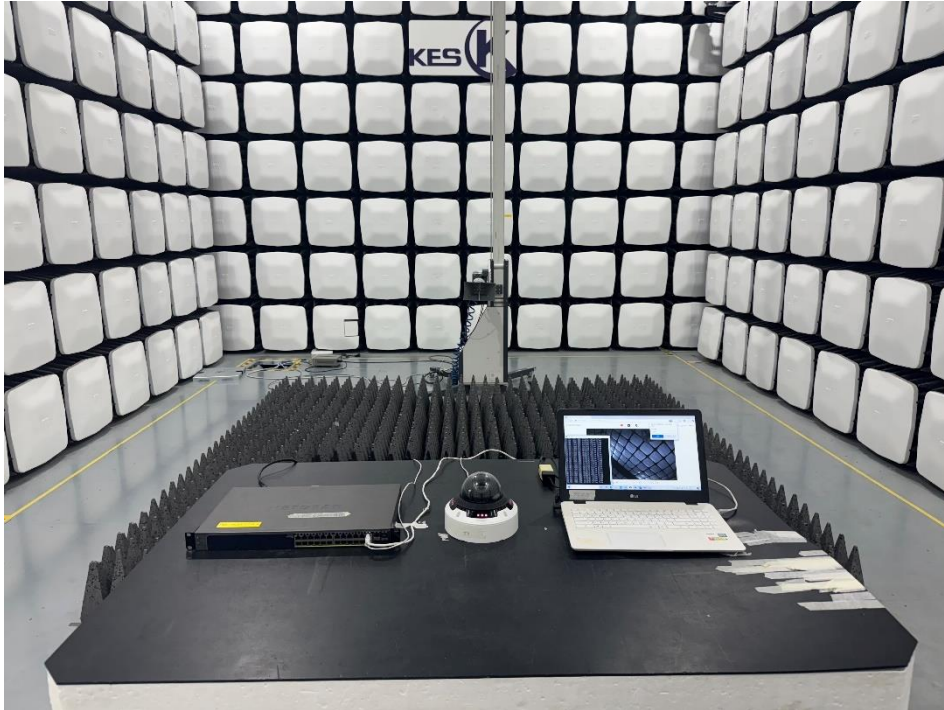


Radiated Electric Field Emissions(Below 1 GHz)





Radiated Electric Field Emissions(Above 1 GHz)





EUT External Photographs

(Top)



(Bottom)





EUT Internal Photographs

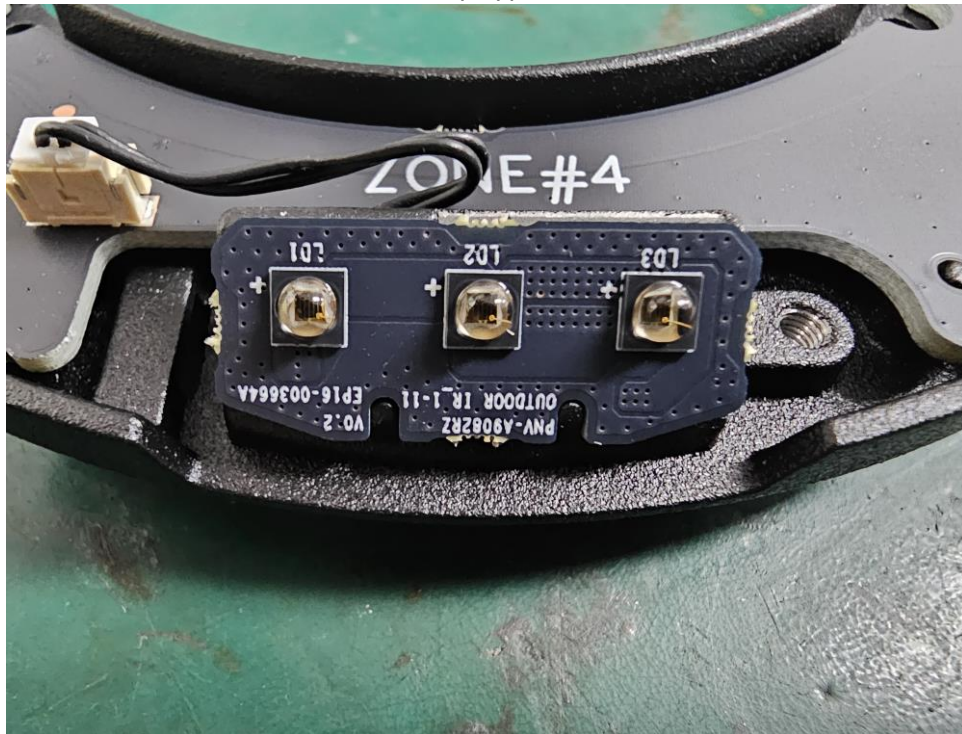
(Internal View)



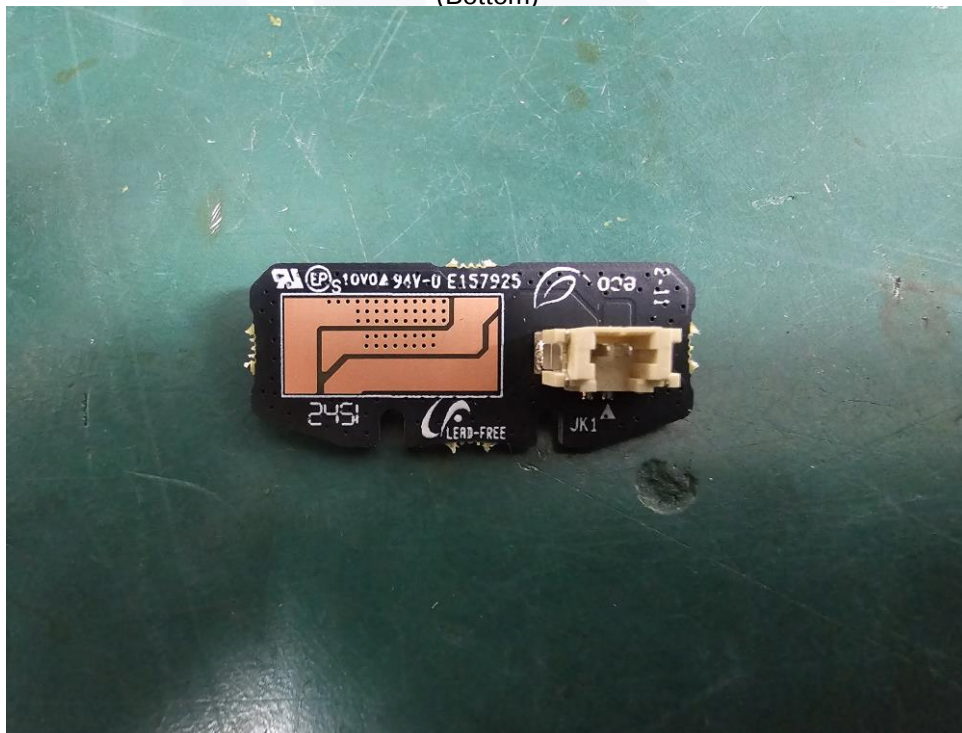


EUT Internal View – Board 1

(Top)



(Bottom)





EUT Internal View – Board 2

(Top)



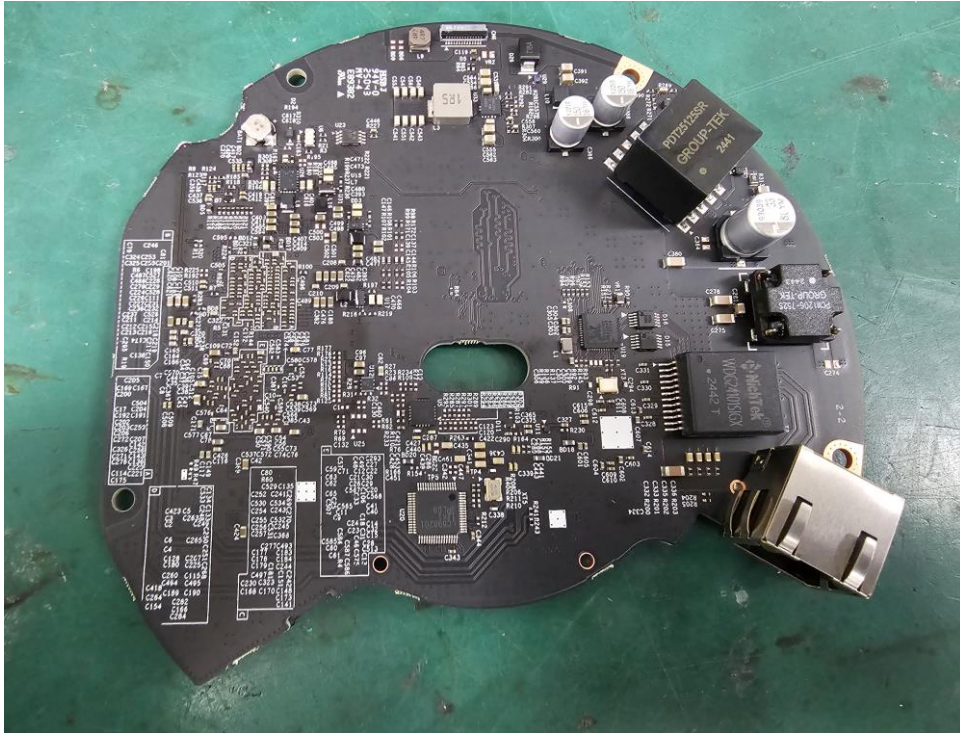
(Bottom)





EUT Internal View – board 3

(Top)



(Bottom)





EUT Internal View – board 4

(Top)



(Bottom)





EUT Internal View – board 5

(Top)



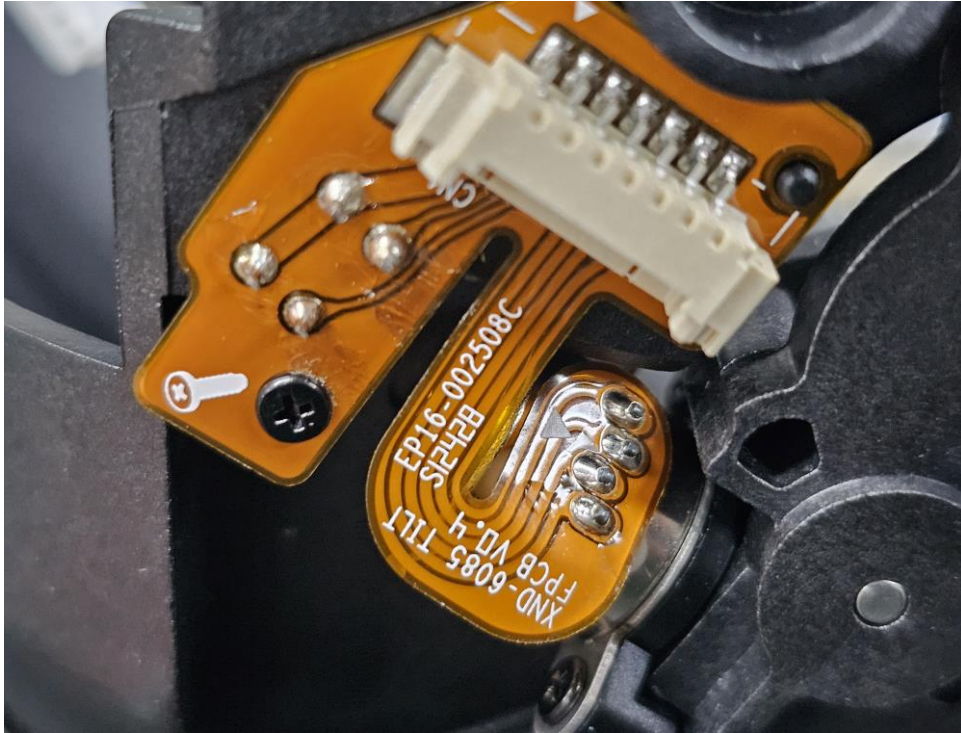
(Bottom)





EUT Internal View – board 6

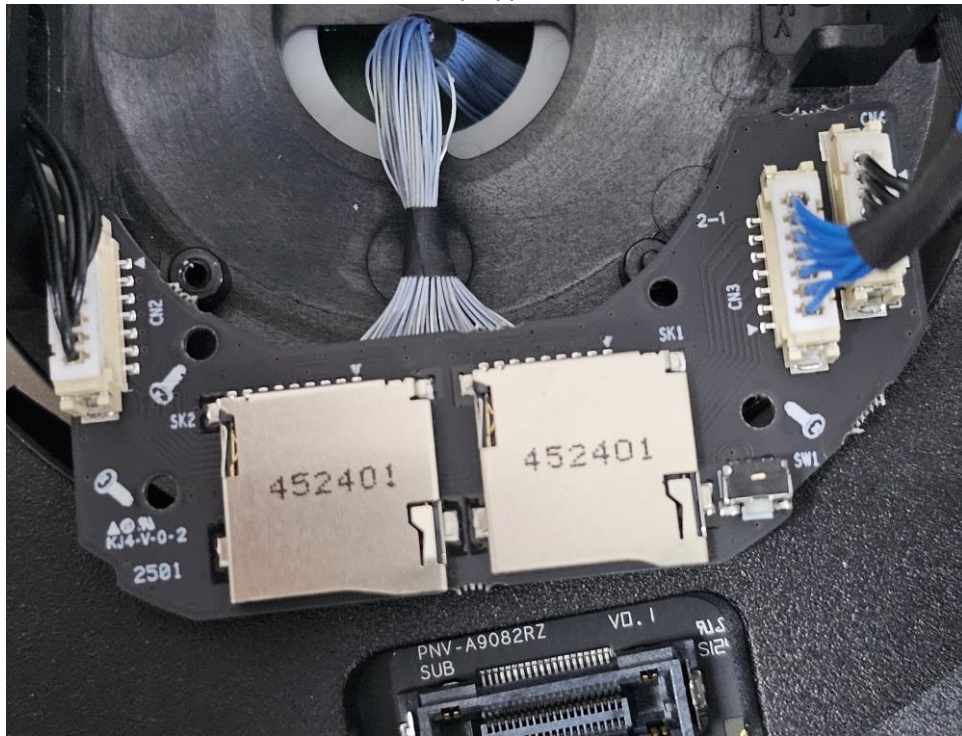
(Top)



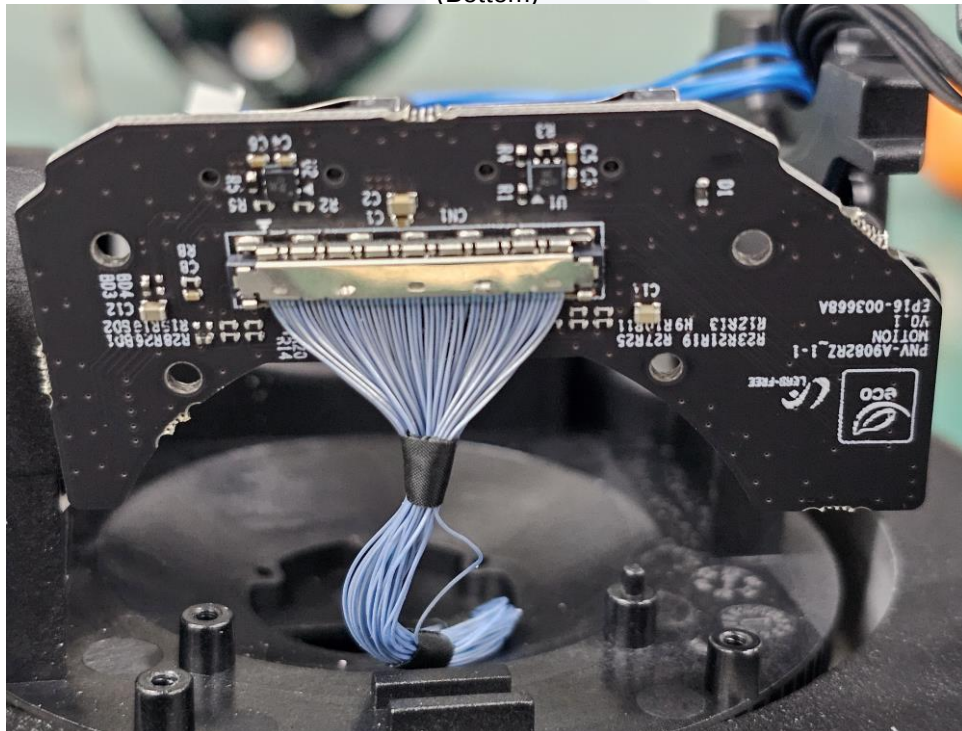


EUT Internal View – board 7

(Top)



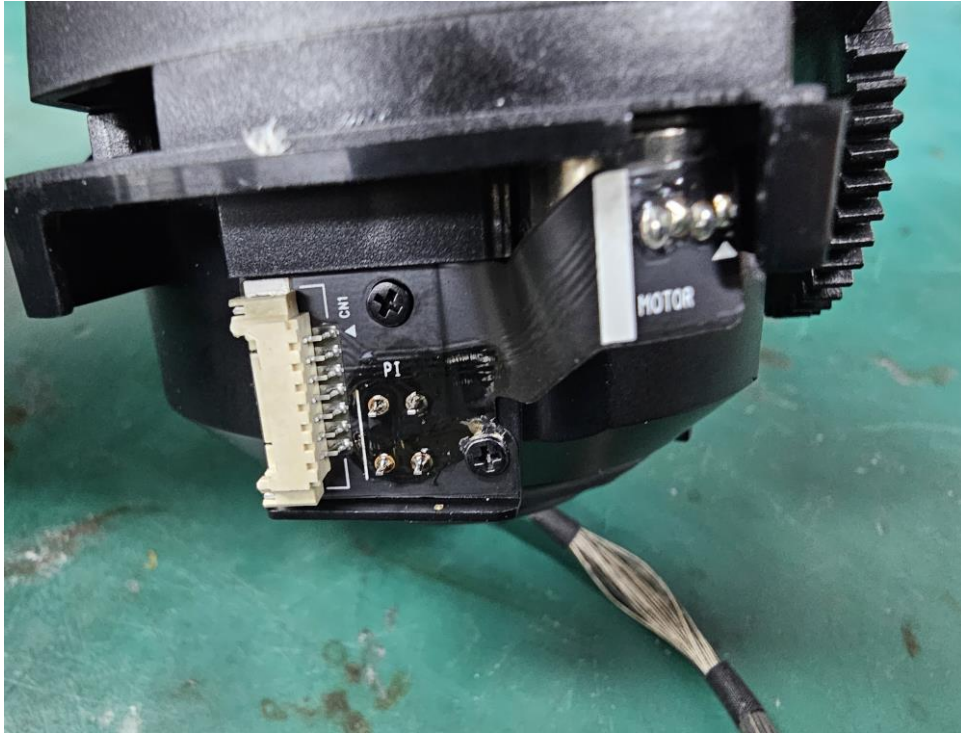
(Bottom)





EUT Internal View – board 8

(Top)



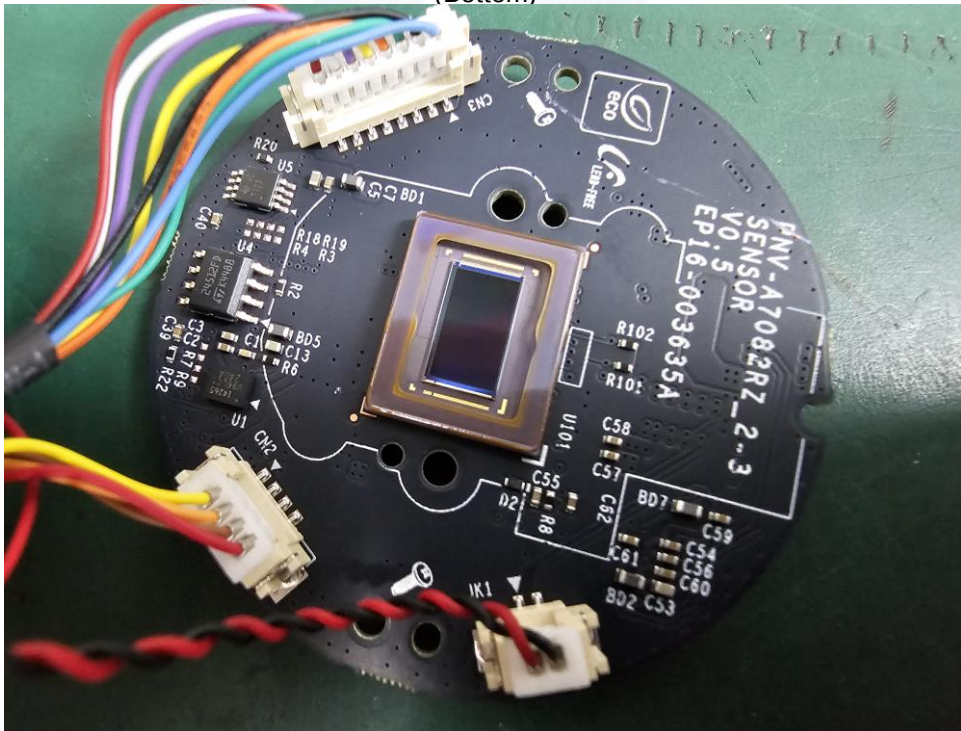


EUT Internal View – board 9

(Top)



(Bottom)



The End.