TEST REPORT

KES Co., Ltd.
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1. Client

○ Name	:	Hanwha Vision Co., Ltd.
○ Address	:	6, Pangyo-ro 319beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

2. Sample Description

◯ Product item	:	NETWORK CAMERA
◯ Model name	:	XNP-A6374RH
◯ Variant model	:	-
◯ Manufacturer etc.	:	HANWHA VISION VIETNAM COMPANY LIMITED
◯ Manufacturer address	:	Lot O-2, Que Vo Industrial Zone Extended Area, Nam Son Ward, Bac Ninh Province, Vietnam
◯ Manufacturer etc.	:	D-TECH CO.,LTD.
◯ Manufacturer address	:	173-25, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do, Korea (Suwon Industrial Complex)

3. Date of test	:	2026. 04. 01. ~ 2026. 04. 01.
4. Location of Test	:	Permanent Testing Lab
○ Address	:	473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, 12658, Republic of Korea
5. Test method used	:	VCCI-CISPR 32:2016
6. Test result	:	PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
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This test report is not related to KOLAS accreditation.

Affirmation	Tested by	Technical Manager by
	Name : SeongMin Jang [장성민]2026/04/07	Name : DongHun Jang [장동훈]2026/04/07

2026. 04. 07.

KES Co., Ltd.

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REPORT REVISION HISTORY

Date	Test Report No.	Revision History
2026. 04. 07.	KES-EM260879	Issued

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Use of uncertainty of measurement for decisions on conformity (decision rule):

■ No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty(“simple acceptance” decision rule, previously known as “accuracy method”).

□ Other (to be specified, for example when required by the standard or client)

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1 Laboratory Information

1.1 Test Location

Category	Details
Addres	473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, 12658, Republic of Korea
Telephone Number	031-883-5092
Facsimile Number	031-883-5169

The measurement facility is located at 473-21, Gayeo-ro, Yeoju-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

1.2 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

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2 Test Summary

2.1 Class and Voltage

Test Class	Test Voltage
Class A	AC 100 V, 60 Hz, PoE

2.2 Summary of Test Results

Test Item	Test Standard	Test Result	Remark
Conducted Emissions at Mains Power Ports	VCCI CISPR 32:2016	PASS	NOTE 1
Conducted Emissions at Telecommunication Ports		PASS	-
Radiated Emissions(Below 1 ㎓)		PASS	-
Radiated Emissions(Above 1 ㎓)		PASS	-

* N/A: Not Applicable

(NOTE 1) PoE Power Mode is powered by the PoE port, PoE port is considered to be wired network port, so power-related test items are excluded.

2.3 Remarks when standards applied

N/A

2.4 Variant Model Differences

N/A

2.5 Device Modifications

N/A

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3 General Product Description

	XNP-A6374RH
Video	
Imaging Device	1/2" 2MP CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
NETD	None
Pixel Size	None
Min. Illumination	Color: 0.01Lux(F1.5, 1/30sec) BW: 0Lux(IR LED On)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation
Video Transmission Distance	None
Lens	
Focal Length (Zoom Ratio)	6~222mm(37x) zoom
Optical Zoom	37x
Max. Aperture Ratio	F1.5(Wide)~F4.6(Tele)
Angular Field of View	H: 59.3°(Wide)~1.90°(Tele) / V: 35.8°(Wide)~1.1°(Tele)
Min. Object Distance	3.0m
Focus Control	AF / One-Shot AF / Manual
Lens Type	DC auto iris
Mount Type	None
Optional Lens	None
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	None
Pan Range	360° Endless
Pan Speed	Preset: 400°/sec, Manual: 0.024°/sec~250°/sec
Tilt Range	95°(-5°~90°)
Tilt Speed	Preset: 300°/sec, Manual: 0.024°/sec ~ 250°/sec (TBD- eflip)
Rotate Range	None
Sequence	Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule
Preset Accuracy	±0.2°
Operational	
Camera Title	Displayed up to 127 characters
Direction Indicator	Support
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSDR
Wide Dynamic Range	150dB - TBD
Digital Noise Reduction	WiseNRⅡ(Based on AI engine), SSNRV
Digital Image Stabilization	Support(built-in gyro sensor)
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	Setting area : 32ea, quadrangle zones - 8points(after R/C) - Color: Gray/Green/Red/Blue/Black/White - Mosaic Dynamic Privacy Mask(Based on AI engine) - Color: gray/green/red/blue/black/white/purple/yellow - Mosaic

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Gain Control	Low / Middle / High
White Balance	ATW / NarrowATW / AWC / Manual / Indoor / Outdoor / Mercury / Sodium
LDC	None
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/30,000sec) Prefer shutter control(Based on AI engine)
Digital PTZ	None
Video Rotation	Flip, Mirror
Analytics	Classified object type: Person/Face/Vehicle/License plate Attributes: - Vehicle: (Type: car/bus/truck/motorcycle/bicycle, Color) - Person:(Gender, Clothing top/bottom color, Bag), Face(Age, Gender, Mask, Glasses) Support BestShot Support Re-ID(Person) Analytics events based on AI engine: Motion detection, Object detection, Line crossing(Crossing/Direction), IVA area(Loitering/Intrusion/Enter/Exit/Appear/Disappear), Slip & fall detection Analytics events: Tampering, Shock detection, Audio detection Support analytics by AI pack (WiseAI, Sound pack)
Business Intelligence	None
Serial Interface	RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)
Alarm I/O	Input 4ea / Output 2ea
Alarm Triggers	Analytics, Network disconnect, Alarm input), Time schedule, MQTT subscription
Alarm Events	When alarm trigger occurred File upload(image): e-mail/FTP/SFTP File upload(video clip): FTP/SFTP Notification: e-mail 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
Audio Streaming	None
Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
Light Type	IR LED (850nm)
Light Viewable Length	None
IR Viewable Length	350m(1,148.29ft)
IR Illuminator (Optional)	None
IR Radiation angle	None
IR LED	None
IR Wavelength	None
IR Operation	None
Water Removal	None
Auto Tracking	Support Object auto tracking(Person/Vehicle) Target lock tracking
Coaxial Protocol	None
Color Palettes	None
Radiometry	
Temperature Detect Range	None
Temperature Accuracy	None
Temperature Detection	None
Additional	None

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Network	
Ethernet	Metal shielded RJ-45(10/100BASE-T), SFP(Optional)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz
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 (128 user) Multiple streaming(Up to 10 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP/SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast) , NTCIP 1205, MQTT
SIP support (VoIP, Peer-to-peer,	Support
Security	None
Application Programming Interf	ONVIF Profile S/G/T/M SUNAPI(HTTP API) Hanwha Vision Open Platform: - WiseAI application included - Cloud connector application included - Sound classification(Based on AI engine) application included
Security	
OS / Firmware Protect	Encrypted Firmware, Secure boot, Signed Firmware
User authentication	Digest Authentication, Prevent brute-force attacks
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2), 802.1AE(MACsec)
Secure Communication	IP-based access control, MAC-based access control, Auto logout
Access Control	IP-based access control
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
Supply Chain Security	SBOM
Security Certificate	ETSI EN 303 645, Secure element(FIPS 140-3 level3, CC EAL6+), 국정원인증(RK)
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 1slot Max. 1TB * Hanwha Vision branded microSD cards have been certified and recommended for OnCloud edge recording.
Memory	4GB RAM, 16GB eMMC
Environmental & Electrical	
Operating Temperature / Humic	-50°C ~ +55 C°(-58°F ~ +131°F)
Storage Temperature / Humidity	-50°C ~ +60°C (-58°F~+140°F) / Less than 90% RH
Certification	IP66, IK10
Input Voltage	24VAC, PoE++(IEEE802.3bt type3, Class6)
Power Consumption	24VAC: Max 82.4W Typical 27.3W, PoE: Max 51W Typical 26.6W
Mechanical	
Color / Material	Body: White / Aluminum+Plastic, Head: Black / Aluminum+Plastic
RAL Code	RAL9003
Product Dimensions / Weight	ø236.9x407.7mm(9.33x16.05"), 7020g(15.48 lb)

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4 EUT Setup and Operation Mode

4.1 EUT Configuration

Product Name	Model Number	Serial Number	Manufacturer	Remarks
NETWORK CAMERA	XNP-A6374RH	-	HANWHA VISION VIETNAM COMPANY LIMITED	EUT
AC/AC Adapter	MKAC-96-246000K	-	Shenzhen MaCable Technology Co., Ltd Dongguan Branch	-
PoE Injector	PT-PSE109GBRO-AH-S	-	Dongguan PROCET Network Technology Co.,Ltd	-
Laptop	NT550XDZ	-	Samsung Electronics	-
Laptop AC/DC Adapter	AD-4019A	-	Chicony	-
Alarm	PRO-SL	-	SENSOR PRO	-
Button Alarm	-	-	-	-
Controller	SPC-1010	C50E67WG10100F	SamSung Techwin Co.,Ltd.	-
Controller AC/DC Adapter	AP-12005A	-	Apower	-
Headset	K550	-	Britz®	-
Micro SD Card	-	-	SanDisk	-

4.2 System Configuration

Product Name	Model Number	Serial Number	Manufacturer	Remarks
-	-	-	-	-

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4.3 External I/O Cabling

Mode 1

Start		End		Cable Spec.	
Product Name	**I/O Port**	**Product Name**	**Product Name**	**I/O Port**	**Product Name**
EUT	AC IN	AC/AC Adapter	AC OUT	1.5	U
	RJ-45 (LAN)	Laptop	RJ-45 (LAN)	3.1	U
	6 Pin (Audio OUT)	Headset	3.5 ㎜	1.8	U
	6 Pin (Audio IN)		3.5 ㎜	1.8	U
	6 Pin (RS-485)	Controller	RS-485	3.5	U
	12 Pin (Alarm OUT)	Alarm	Alarm IN	3.5	U
	12 Pin (Alarm IN)	Button Alarm	Alarm OUT	3.5	U
	Micro SD Slot	Micro SD Card	Micro SD Slot	-	-
Laptop	DC Jack	Laptop AC/DC Adapter	DC Jack	1.5	U
Controller	DC Jack	Controller AC/DC Adapter	DC Jack	1.3	U

Mode 2

Start		End		Cable Spec.	
Product Name	**I/O Port**	**Product Name**	**Product Name**	**I/O Port**	**Product Name**
EUT	RJ-45 (PoE)	PoE Injector	RJ-45 (PoE)	3.1	U
	6 Pin (Audio OUT)	Headset	3.5 ㎜	1.8	U
	6 Pin (Audio IN)		3.5 ㎜	1.8	U
	6 Pin (RS-485)	Controller	RS-485	3.5	U
	12 Pin (Alarm OUT)	Alarm	Alarm IN	3.5	U
	12 Pin (Alarm IN)	Button Alarm	Alarm OUT	3.5	U
	Micro SD Slot	Micro SD Card	Micro SD Slot	-	-
Laptop	DC Jack	Laptop AC/DC Adapter	DC Jack	1.5	U
Controller	DC Jack	Controller AC/DC Adapter	DC Jack	1.3	U

* Unshielded=U, Shielded=S

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4.4 EUT Operating Mode(s)

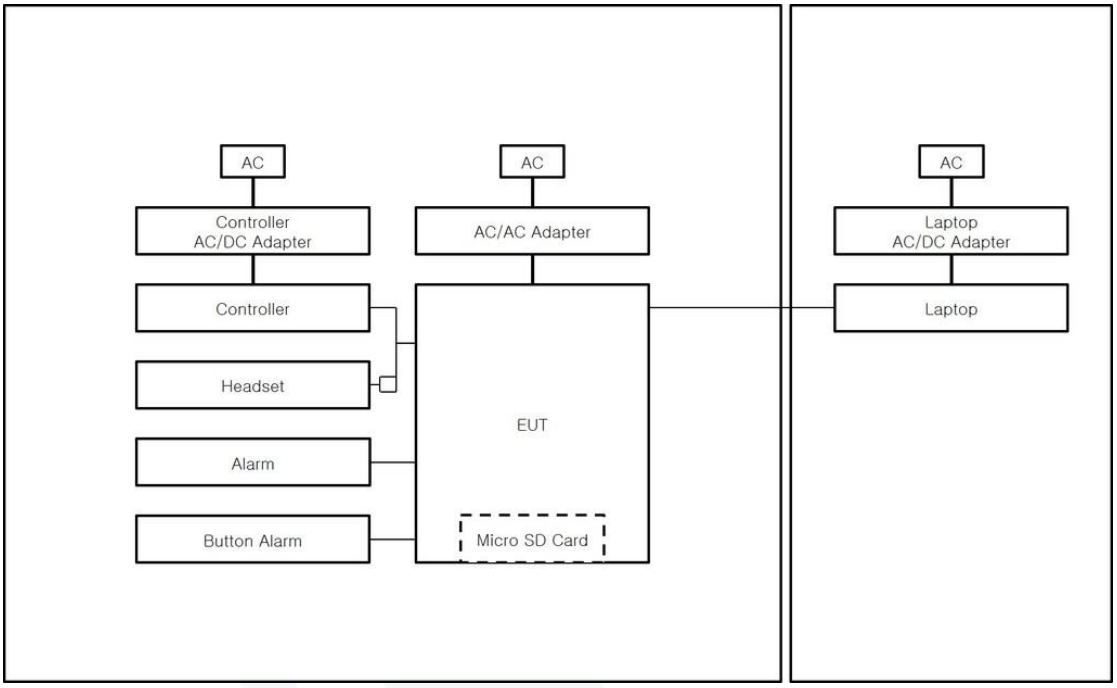
Category	Mode	Operating
Mode 1	AC Power	- Monitoring EUT Using Web Viewer, Ping Test - When the Button Alarm is pressed, make sure the Alarm is working - Uploaded the 1 ㎑ tone sound to the Web Viewer and checked if the sound is output to the headset. - Checked the operation of the controller. - After the test, the recorded video stored on the Micro SD Card was checked and the microphone motion was also confirmed.
Mode 2	PoE Power	

4.5 Test operating S/W

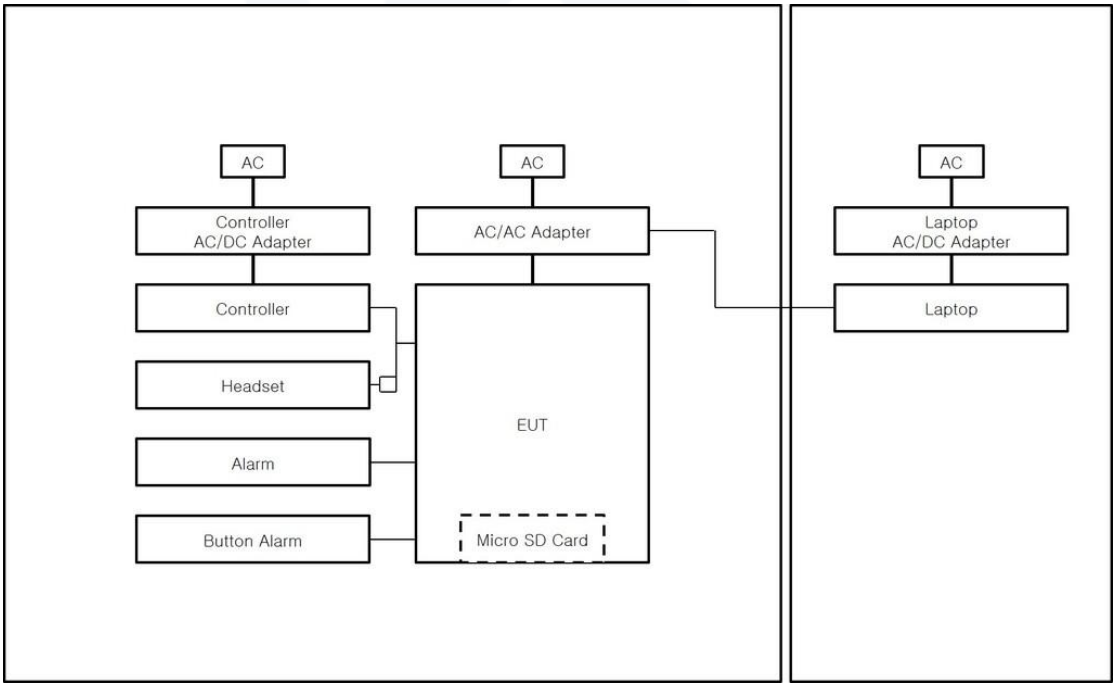
Name	Version	Manufacture Company
Web Viewer	-	HANWHA VISION VIETNAM COMPANY LIMITED

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4.6 Configuration



Mode 1



Mode 2

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5 Measurement Procedure

- Conducted Emissions

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 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".

- Radiated Electric Field Emissions

The test was done at a SEMI ANECHOIC CHAMBER with quasi-peak detector. The final test data was measured using a Quasi-Peak detector below 1 ㎓ at 10 m or 3 m distance and a Peak and Average detector above 1 ㎓ at 3 m distance. Test was proceeded worst case test mode and cable configuration. Measurements were made with the antenna positioned in both the horizontal and vertical planes of polarization. The antenna height was varied from 1 m to 4 m (Radiated Emissions(Below 1 ㎓)) and 1 m (Radiated Emissions(Above 1 ㎓)) and the EUT was rotated 360° to find the maximum emitting point for each frequency.

Measurement procedures was In accordance with ANSI C63.4 or CISPR 32.

♦ Calculation

- Conducted Emissions

QuasiPeak[㏈uV] / CAverage [㏈uV] = Reading Value[㏈uV] + Corr. [㏈]
QuasiPeak / CAverage : The Final Value
Reading Value : Not shown in the table.
Corr. : Correction values (LISN FACTOR + (Cable Loss + Pulse Limiter FACTOR))

- Radiated Emissions(Below 1 ㎓)

Result(QP) [㏈(㎶/m)] = (Reading(QP)[㏈(㎶)] + c.f[㏈(1/m)]
Margin(QP)[㏈] = Limit[㏈(㎶/m)] - Result(QP) [㏈(㎶/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 Emissions(Above 1 ㎓)

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

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6 Test Item

6.1 Conducted Emissions at Mains Power Ports

6.1.1 Test Equipment

Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SHIELD ROOM #6	-	DYMSTEC	-	-	-	■
EMC32 Measurement Software	EMC32	R&S	9.12.00	-	-	■
EMI TEST RECEIVER	ESR3	Rohde & Schwarz	101783	2025-11-03	2026-11-03	■
LISN	ENV216	Rohde & Schwarz	101787	2025-09-04	2026-09-04	■
ARTIFICIAL MAINS NETWORK	ESH2-Z5	Rohde & Schwarz	100450	2025-11-03	2026-11-03	■
PULSE LIMITER	ESH3-Z2	Rohde & Schwarz	101915	2025-11-03	2026-11-03	■

6.1.2 Test Location : SHIELD ROOM #6

6.1.3 Test Conditions :

Temperature	Relative Humidity
(22.9 ~ 23.0) °C	(36.3 ~ 36.3) % R.H.

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6.1.4 Test Result

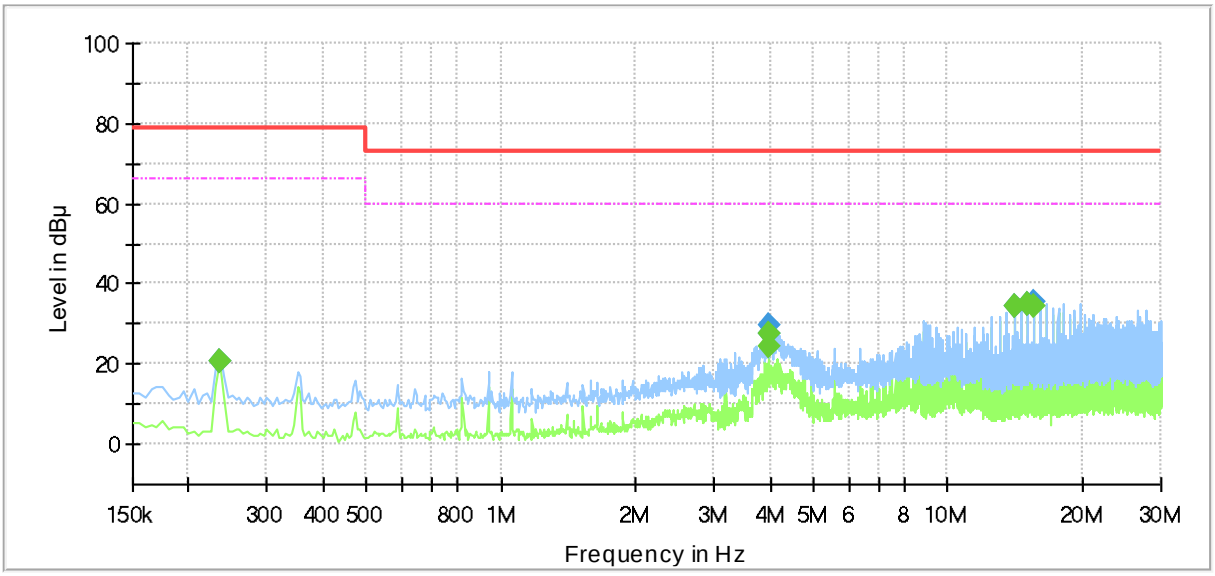
○ Test Date : 2026-04-01

● Test Mode : Mode 1

Test Report

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Test Description:	Conducted Emission
Job No.:	KES-EM260879
Phase:	L
Mode:	Mode 1
Operator Name:	KES



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.235000	20.80	---	79.00	58.20	1000.0	9.000	L1	19.4
0.235000	---	20.48	66.00	45.52	1000.0	9.000	L1	19.4
3.965000	27.80	---	73.00	45.20	1000.0	9.000	L1	19.7
3.965000	---	24.38	60.00	35.62	1000.0	9.000	L1	19.7
3.970000	29.74	---	73.00	43.26	1000.0	9.000	L1	19.7
3.970000	---	27.40	60.00	32.60	1000.0	9.000	L1	19.7
14.080000	---	34.61	60.00	25.39	1000.0	9.000	L1	20.1
14.080000	34.64	---	73.00	38.36	1000.0	9.000	L1	20.1
15.105000	---	34.80	60.00	25.20	1000.0	9.000	L1	20.2
15.105000	34.76	---	73.00	38.24	1000.0	9.000	L1	20.2
15.615000	---	34.62	60.00	25.38	1000.0	9.000	L1	20.2
15.615000	35.53	---	73.00	37.47	1000.0	9.000	L1	20.2

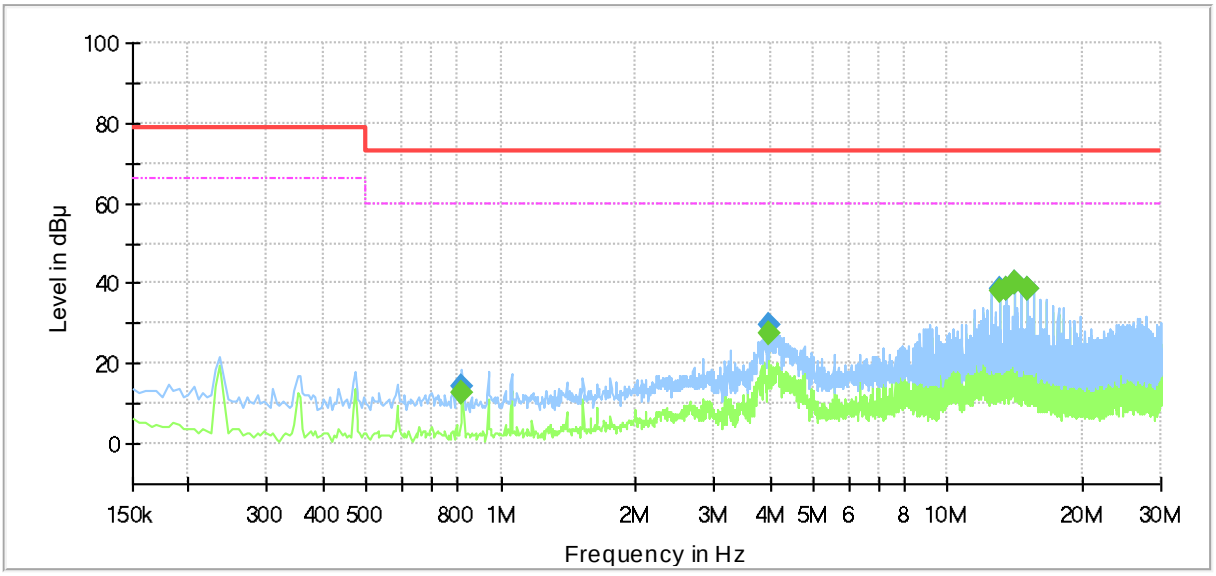
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○ Test Date : 2026-04-01
● Test Mode : Mode 1

Test Report

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Test Description:	Conducted Emission
Job No.:	KES-EM260879
Phase:	N
Mode:	Mode 1
Operator Name:	KES



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.820000	14.24	---	73.00	58.76	1000.0	9.000	N	19.5
0.820000	---	12.64	60.00	47.36	1000.0	9.000	N	19.5
3.970000	29.52	---	73.00	43.48	1000.0	9.000	N	19.7
3.970000	---	27.30	60.00	32.70	1000.0	9.000	N	19.7
13.055000	38.43	---	73.00	34.57	1000.0	9.000	N	20.1
13.055000	---	38.16	60.00	21.84	1000.0	9.000	N	20.1
13.570000	---	38.63	60.00	21.37	1000.0	9.000	N	20.1
13.570000	38.82	---	73.00	34.18	1000.0	9.000	N	20.1
14.080000	---	40.35	60.00	19.65	1000.0	9.000	N	20.1
14.080000	40.45	---	73.00	32.55	1000.0	9.000	N	20.1
15.105000	---	38.73	60.00	21.27	1000.0	9.000	N	20.2
15.105000	38.73	---	73.00	34.27	1000.0	9.000	N	20.2

6.1.5 Remark

Complies with the test requirements.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

6.2 Conducted Emissions at Telecommunication Ports

6.2.1 Test Equipment

Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SHIELD ROOM #6	-	DYMSTEC	-	-	-	■
EMC32 Measurement Software	EMC32	R&S	9.12.00	-	-	■
EMI TEST RECEIVER	ESR3	Rohde & Schwarz	101783	2025-11-03	2026-11-03	■
LISN	ENV216	Rohde & Schwarz	101787	2025-09-04	2026-09-04	■
ARTIFICIAL MAINS NETWORK	ESH2-Z5	Rohde & Schwarz	100450	2025-11-03	2026-11-03	■
PULSE LIMITER	ESH3-Z2	Rohde & Schwarz	101915	2025-11-03	2026-11-03	■
8-WIRE ISN CAT6	ENY81-CAT6	Rohde & Schwarz	101666	2026-02-24	2027-02-24	■

6.2.2 Test Location : SHIELD ROOM #6

6.2.3 Test Conditions :

Temperature	Relative Humidity
(23.0 ~ 23.3) °C	(36.2 ~ 36.3) % R.H.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

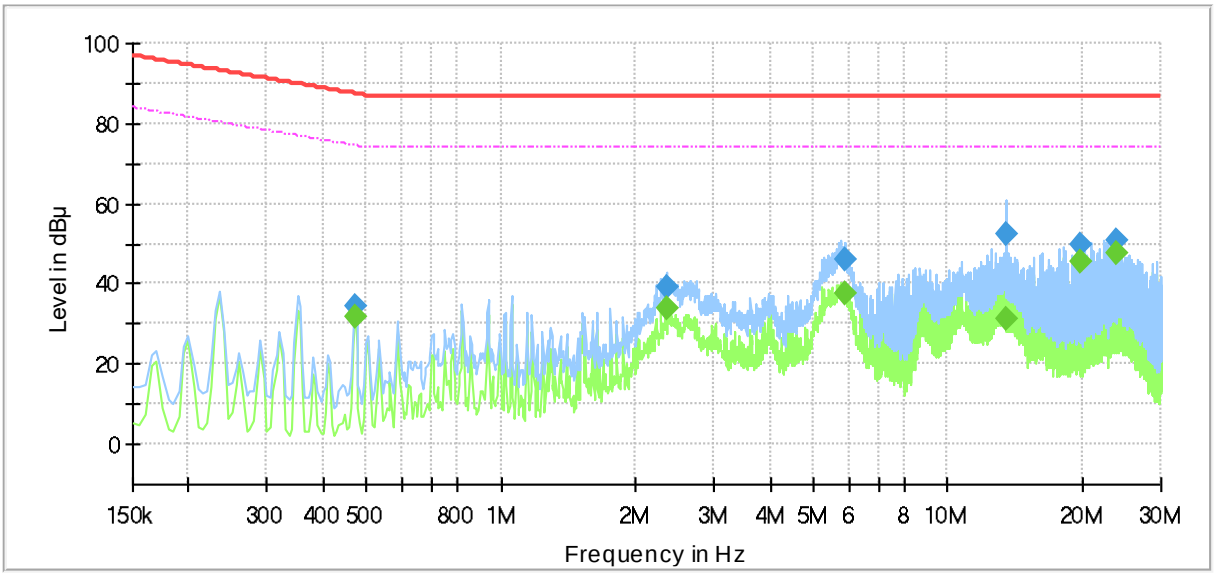
6.2.4 Test Result

○ Test Date : 2026-04-01
● Test Mode : Mode 1

Test Report

1 / 1

Test Description:	Telecommunication Emission
Job No.:	KES-EM260879
Mode :	Mode 1
Speed :	100 Mbps
Operator Name:	KES



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.470000	34.33	---	87.51	53.18	1000.0	9.000	Single Line	19.4
0.470000	---	31.59	74.51	42.92	1000.0	9.000	Single Line	19.4
2.345000	39.35	---	87.00	47.65	1000.0	9.000	Single Line	19.3
2.345000	---	33.68	74.00	40.32	1000.0	9.000	Single Line	19.3
5.875000	46.09	---	87.00	40.91	1000.0	9.000	Single Line	19.5
5.875000	---	37.72	74.00	36.28	1000.0	9.000	Single Line	19.5
13.555000	52.46	---	87.00	34.54	1000.0	9.000	Single Line	19.6
13.555000	---	31.09	74.00	42.91	1000.0	9.000	Single Line	19.6
19.710000	49.63	---	87.00	37.37	1000.0	9.000	Single Line	19.8
19.710000	---	45.54	74.00	28.46	1000.0	9.000	Single Line	19.8
23.810000	51.03	---	87.00	35.97	1000.0	9.000	Single Line	19.9
23.810000	---	47.77	74.00	26.23	1000.0	9.000	Single Line	19.9

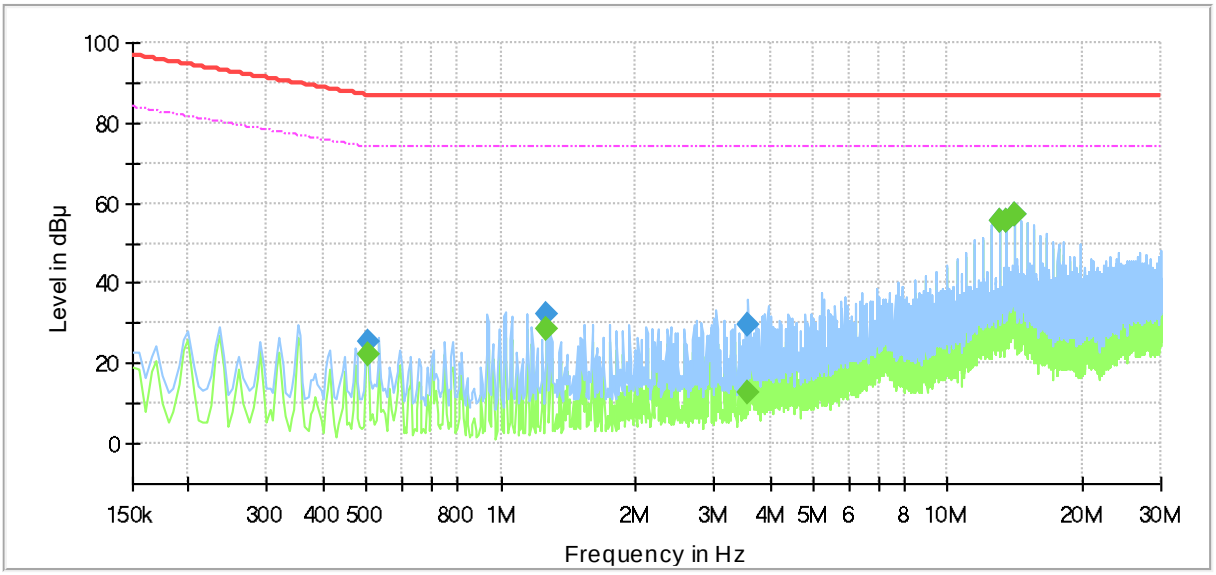
You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

○ Test Date : 2026-04-01
● Test Mode : Mode 2

Test Report

1 / 1

Test Description:	Telecommunication Emission
Job No.:	KES-EM260879
Mode :	Mode 2
Speed :	100 Mbps
Operator Name:	KES



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.505000	25.23	---	87.00	61.77	1000.0	9.000	Single Line	19.3
0.505000	---	22.13	74.00	51.87	1000.0	9.000	Single Line	19.3
1.265000	32.07	---	87.00	54.93	1000.0	9.000	Single Line	19.3
1.265000	---	28.75	74.00	45.25	1000.0	9.000	Single Line	19.3
3.580000	29.78	---	87.00	57.22	1000.0	9.000	Single Line	19.3
3.580000	---	12.82	74.00	61.18	1000.0	9.000	Single Line	19.3
13.055000	55.43	---	87.00	31.57	1000.0	9.000	Single Line	19.6
13.055000	---	55.34	74.00	18.66	1000.0	9.000	Single Line	19.6
13.570000	55.84	---	87.00	31.16	1000.0	9.000	Single Line	19.6
13.570000	---	55.71	74.00	18.29	1000.0	9.000	Single Line	19.6
14.080000	57.21	---	87.00	29.79	1000.0	9.000	Single Line	19.7
14.080000	---	57.10	74.00	16.90	1000.0	9.000	Single Line	19.7

6.2.5 Remark

Complies with the test requirements.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

6.3 Radiated Emissions(Below 1 ㎓)

6.3.1 Test Equipment

Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #4(10 m)	-	DYMSTEC	-	-	-	■
EP5/RE Software	EP5/RE	TOYO	6.0.0	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100551	2026-02-12	2027-02-12	■
AMPLIFIER	SCU 01	Rohde & Schwarz	100603	2025-11-03	2026-11-03	■
BILOG ANTENNA	VULB 9168	SCHWARZBECK	9168-461	2024-05-09	2026-05-09	■

6.3.2 Test Location : SEMI ANECHOIC CHAMBER #4(10 m) Measurement Distance : □ 3 m, ■ 10 m

6.3.3 Test Conditions :

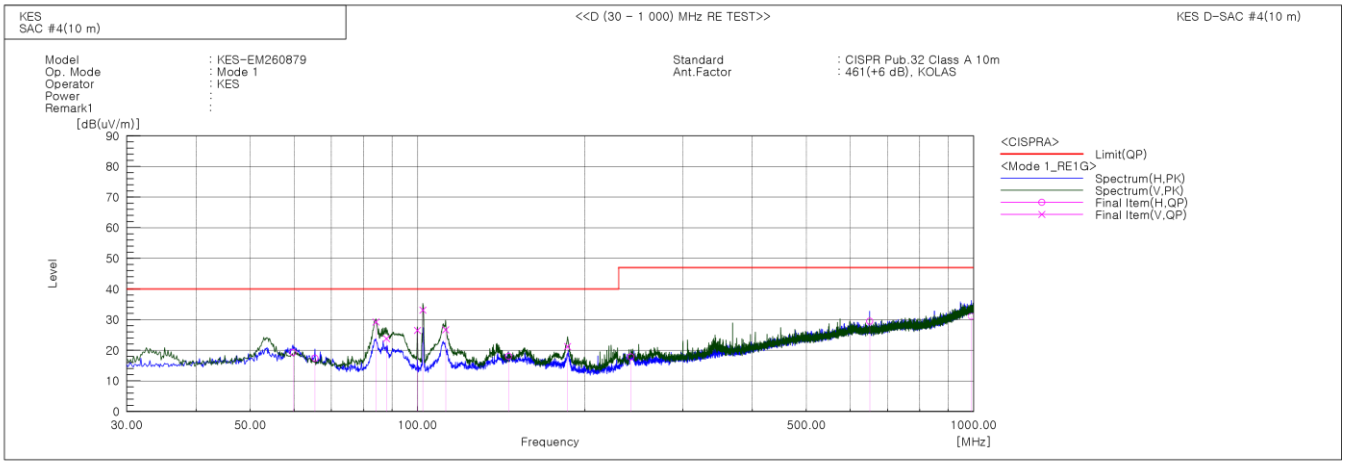
Temperature	Relative Humidity
(22.8 ~ 23.0) °C	(35.5 ~ 35.6) % R.H.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

6.3.4 Test Result

○ Test Date : 2026-04-01

● Test Mode : Mode 1



Final Result

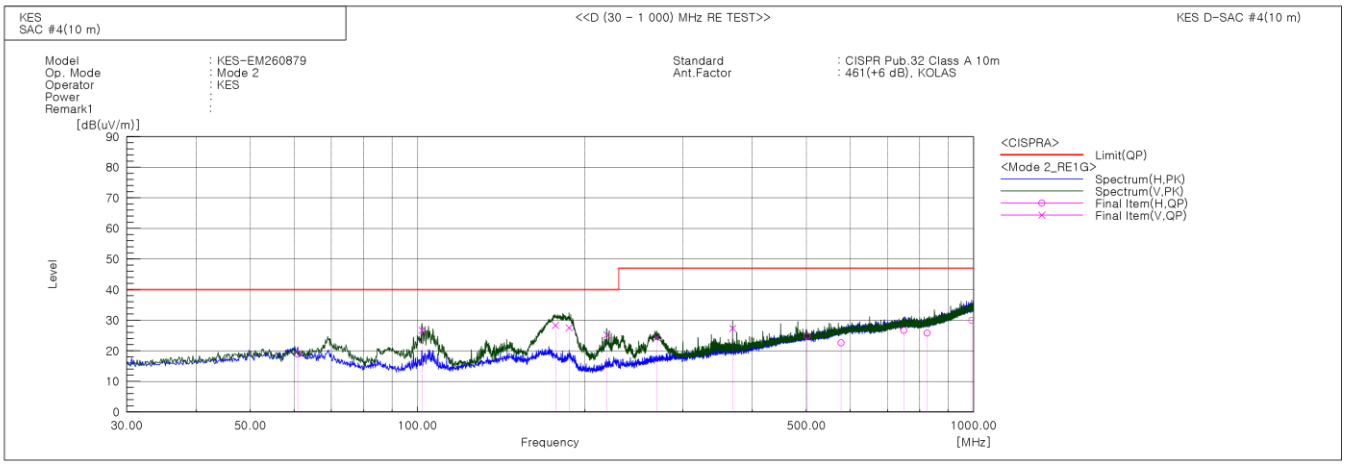
No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	59.706	H	40.2	-20.9	19.3	40.0	20.7	329.0	31.0	
2	65.405	H	38.9	-21.5	17.4	40.0	22.6	385.0	272.0	
3	84.199	V	55.0	-25.8	29.2	40.0	10.8	101.0	214.0	
4	87.958	V	49.7	-25.9	23.8	40.0	16.2	134.0	3.0	
5	99.961	V	51.2	-24.7	26.5	40.0	13.5	100.0	210.0	
6	102.265	V	57.4	-24.3	33.1	40.0	6.9	103.0	203.0	
7	112.329	V	49.8	-23.1	26.7	40.0	13.3	101.0	145.0	
8	145.794	H	37.4	-19.4	18.0	40.0	22.0	399.0	62.0	
9	186.049	V	42.6	-21.4	21.2	40.0	18.8	111.0	180.0	
10	241.824	H	37.8	-20.0	17.8	47.0	29.2	397.0	96.0	
11	650.073	H	36.0	-6.5	29.5	47.0	17.5	399.0	256.0	
12	990.058	H	31.1	0.0	31.1	47.0	15.9	399.0	192.0	

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

○ Test Date : 2026-04-01

● Test Mode : Mode 2



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	60.919	H	40.0	-21.1	18.9	40.0	21.1	197.0	16.0	
2	101.901	V	51.1	-24.4	26.7	40.0	13.3	157.0	326.0	
3	176.955	V	48.9	-20.6	28.3	40.0	11.7	103.0	7.0	
4	187.261	V	49.0	-21.5	27.5	40.0	12.5	100.0	93.0	
5	218.908	V	46.6	-21.4	25.2	40.0	14.8	104.0	181.0	
6	269.105	V	42.8	-18.5	24.3	47.0	22.7	142.0	299.0	
7	368.651	V	41.9	-14.6	27.3	47.0	19.7	106.0	211.0	
8	502.148	H	34.5	-9.7	24.8	47.0	22.2	118.0	186.0	
9	577.323	H	30.2	-7.6	22.6	47.0	24.4	399.0	117.0	
10	748.528	H	31.5	-4.8	26.7	47.0	20.3	199.0	51.0	
11	824.673	H	30.5	-4.7	25.8	47.0	21.2	179.0	258.0	
12	991.998	H	29.9	0.0	29.9	47.0	17.1	202.0	66.0	

※ The data is the result measured by the detector in Quasi-Peak mode on the Peak graph.

6.3.5 Remark

Complies with the test requirements.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

6.4 Radiated Emissions(Above 1 ㎓)

6.4.1 Test Equipment

Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #3	-	DYMSTEC	-	-	-	■
EP5/RE Software	EP5/RE	TOYO	6.0.0	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100517	2025-07-08	2026-07-08	■
PREAMPLIFIER	8449B	AGILENT	3008A01967	2026-03-04	2027-03-04	■
ATTENUATOR	8491A	HP	35496	2026-02-12	2027-02-12	■
DOUBLE RIDGED HORN ANTENNA	SAS-571	A.H. SYSTEM,INC	781	2026-03-06	2027-03-06	■

6.4.2 Test Location : SEMI ANECHOIC CHAMBER #3

6.4.3 Test Conditions :

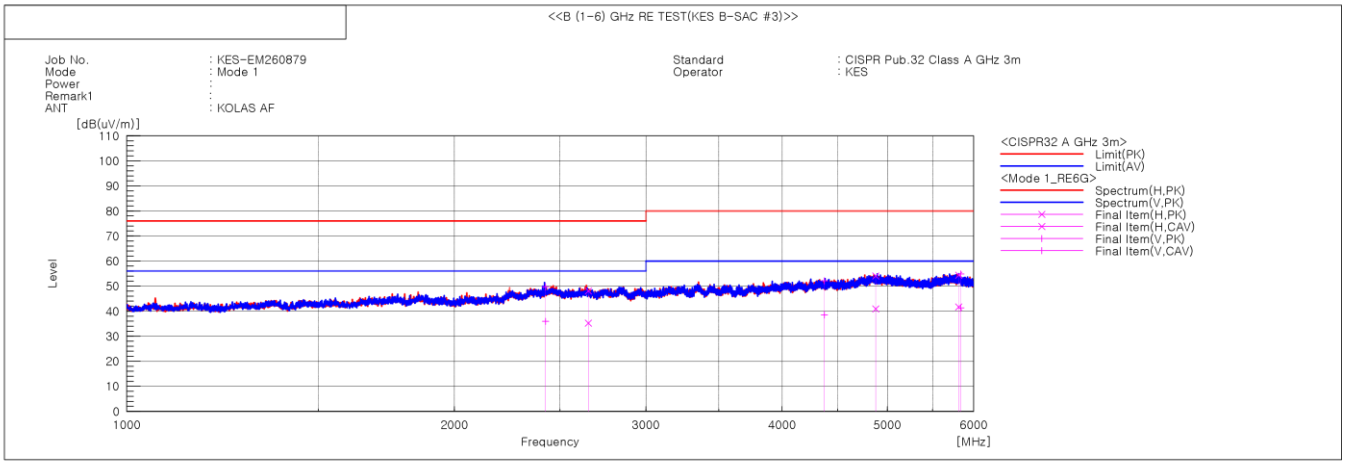
Temperature	Relative Humidity
(23.1 ~ 23.4) °C	(36.3 ~ 36.4) % R.H.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

6.4.4 Test Result

○ Test Date : 2026-04-01

● Test Mode : Mode 1



Final Result

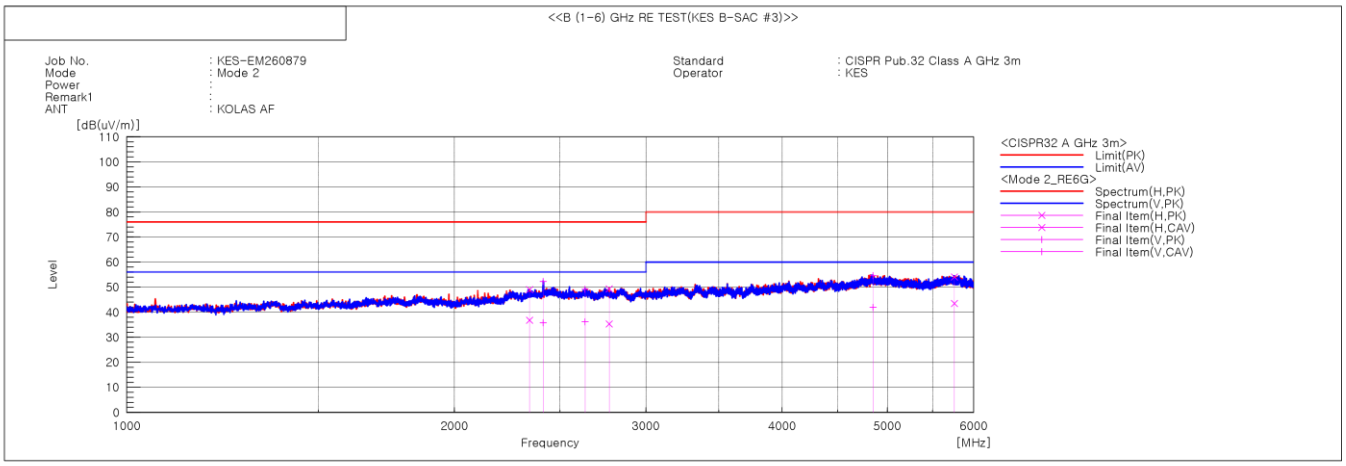
No.	Frequency [MHz]	(P)	Reading PK [dB(uV)]	Reading CAV [dB(uV)]	c.f [dB(1/m)]	Result PK [dB(uV/m)]	Result CAV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin CAV [dB]	Angle [deg]	Remark
1	2425.413	V	43.6	29.8	6.1	49.7	35.9	76.0	56.0	26.3	20.1	34.4	
2	2655.088	H	41.8	28.9	6.3	48.1	35.2	76.0	56.0	27.9	20.8	63.2	
3	4375.525	V	40.0	26.4	12.1	52.1	38.5	80.0	60.0	27.9	21.5	318.0	
4	4876.850	H	40.5	27.3	13.6	54.1	40.9	80.0	60.0	25.9	19.1	183.1	
5	5813.753	H	39.2	26.5	15.2	54.4	41.7	80.0	60.0	25.6	18.3	257.1	
6	5838.688	V	39.6	26.1	15.2	54.8	41.3	80.0	60.0	25.2	18.7	206.3	

※ The data is the result of measured by the detector in PK and CISPR Average on the Peak graph.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

○ Test Date : 2026-04-01

● Test Mode : Mode 2



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]	Angle [deg]	Remark
1	2345.143	H	43.4	31.2	5.6	49.0	36.8	76.0	56.0	27.0	19.2	61.9	
2	2413.113	V	46.3	29.8	6.0	52.3	35.8	76.0	56.0	23.7	20.2	28.0	
3	2636.875	V	43.0	30.0	6.2	49.2	36.2	76.0	56.0	26.8	19.8	78.1	
4	2775.025	H	42.4	28.4	6.9	49.3	35.3	76.0	56.0	26.7	20.7	267.3	
5	4849.371	V	41.0	28.3	13.6	54.6	41.9	80.0	60.0	25.4	18.1	204.6	
6	5761.226	H	39.0	28.4	15.1	54.1	43.5	80.0	60.0	25.9	16.5	292.7	

※ The data is the result of measured by the detector in PK and CISPR Average on the Peak graph.

6.4.5 Remark

Complies with the test requirements.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

7 Test Setup Photos and EUT Photographs

7.1 Test Setup Photos



<Conducted Emissions at Mains Power Ports - Front> Mode 1

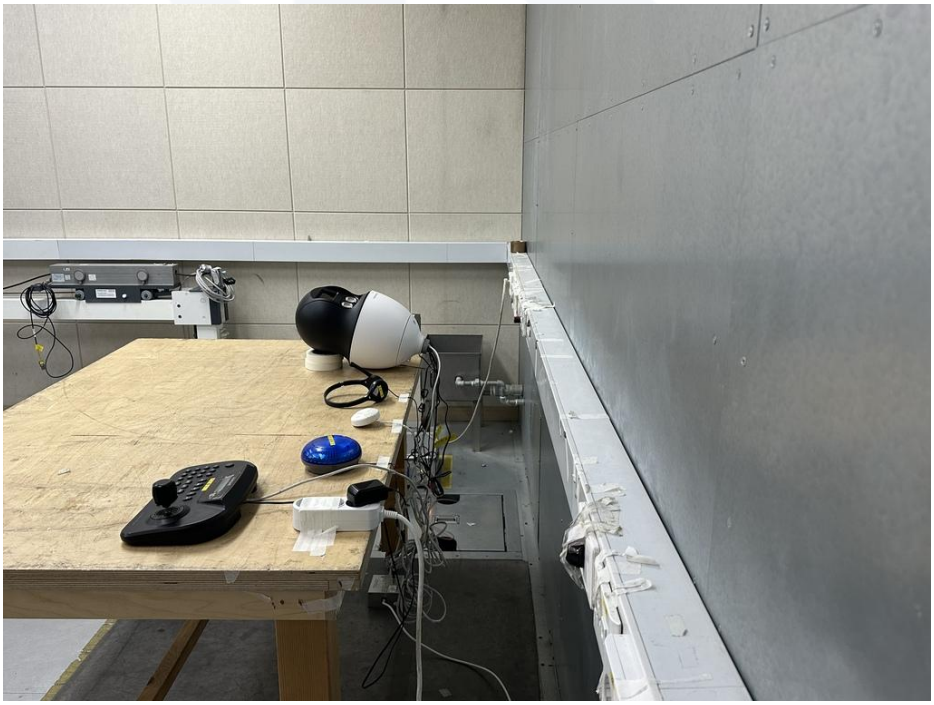


<Conducted Emissions at Mains Power Ports - Rear> Mode 1

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Conducted Emissions at Telecommunication Ports - Front> Mode 1



<Conducted Emissions at Telecommunication Ports - Rear> Mode 1

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Conducted Emissions at Telecommunication Ports - Front> Mode 2

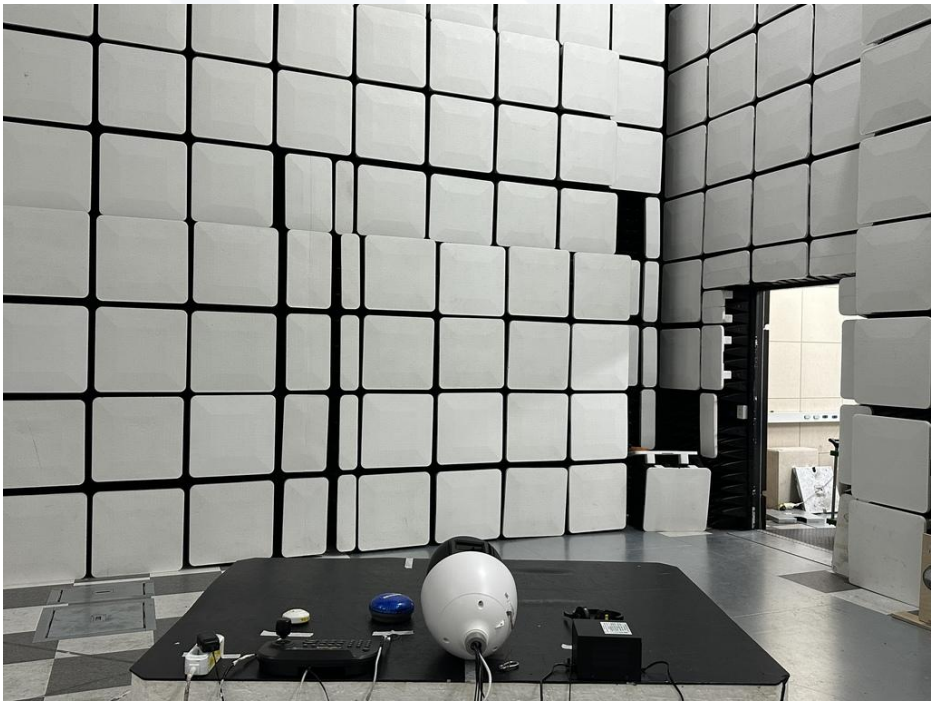


<Conducted Emissions at Telecommunication Ports - Rear> Mode 2

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Radiated Emissions(Below 1 ㎓) - Front> Mode 1

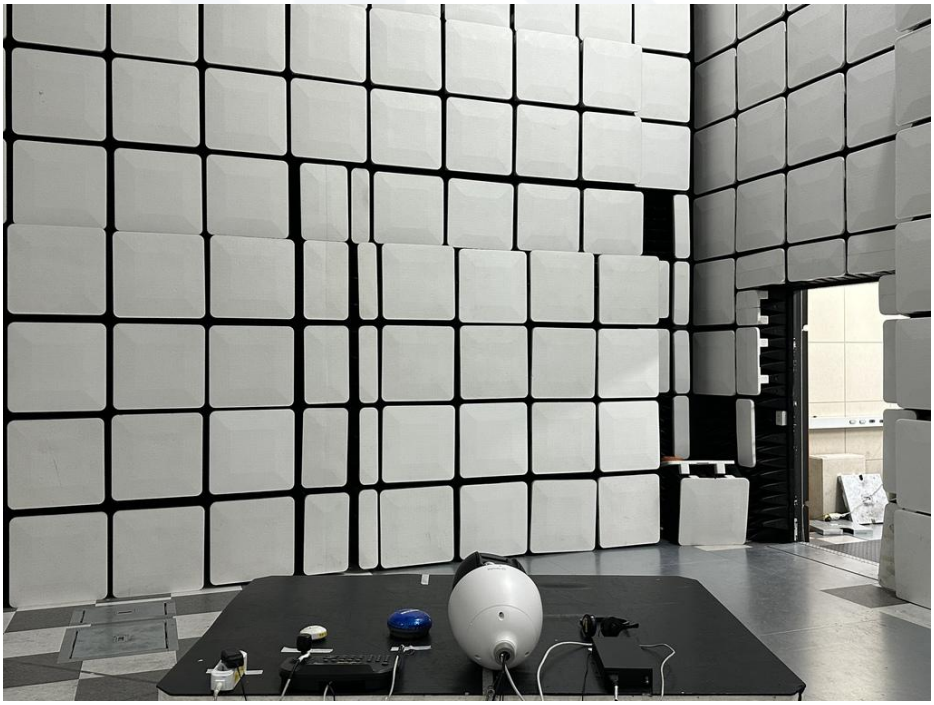


<Radiated Emissions(Below 1 ㎓) - Rear> Mode 1

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Radiated Emissions(Below 1 ㎓) - Front> Mode 2

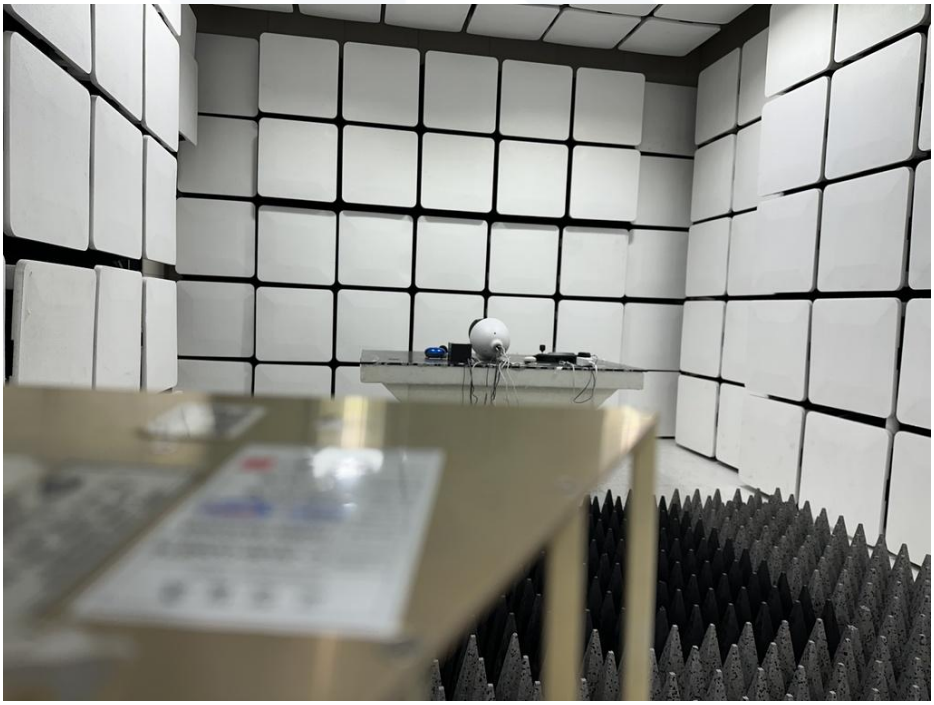


<Radiated Emissions(Below 1 ㎓) - Rear> Mode 2

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

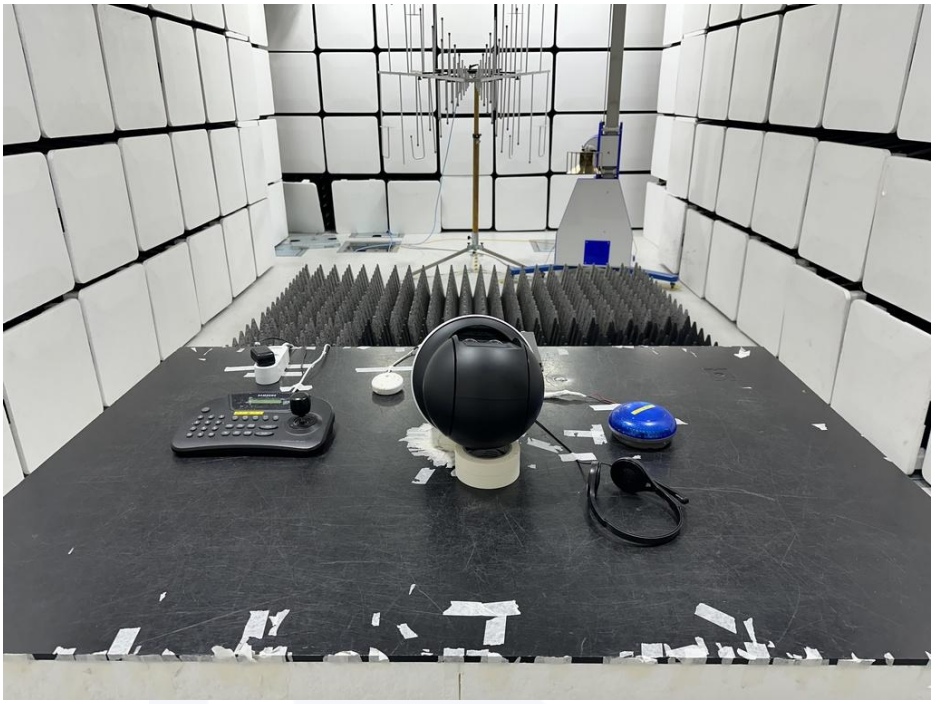


<Radiated Emissions(Above 1 ㎓) - Front> Mode 1

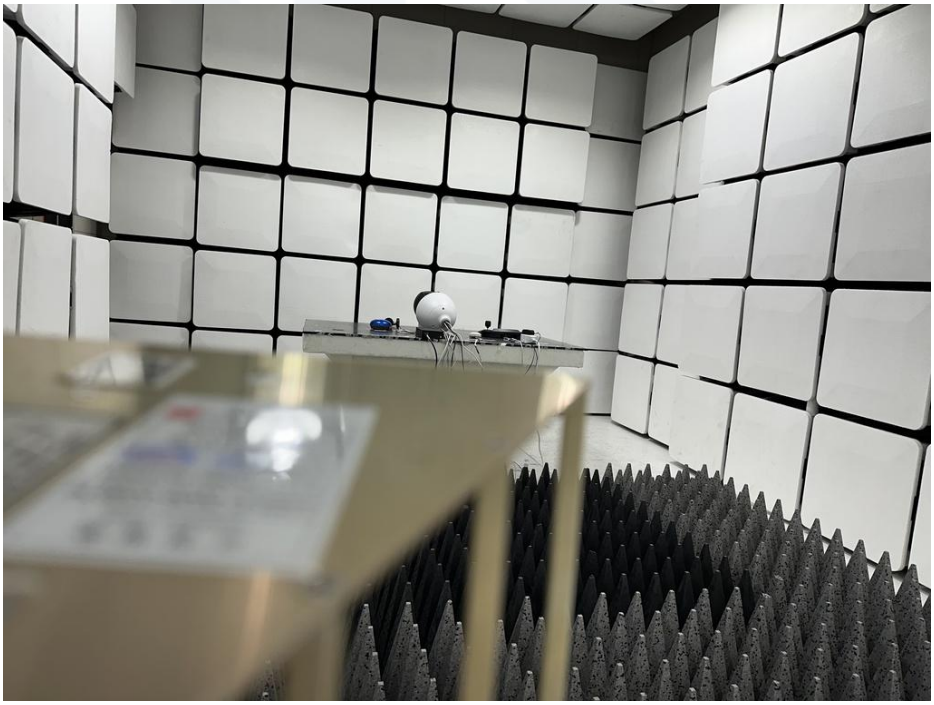


<Radiated Emissions(Above 1 ㎓) - Rear> Mode 1

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Radiated Emissions(Above 1 ㎓) - Front> Mode 2



<Radiated Emissions(Above 1 ㎓) - Rear> Mode 2

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

7.2 EUT Photographs

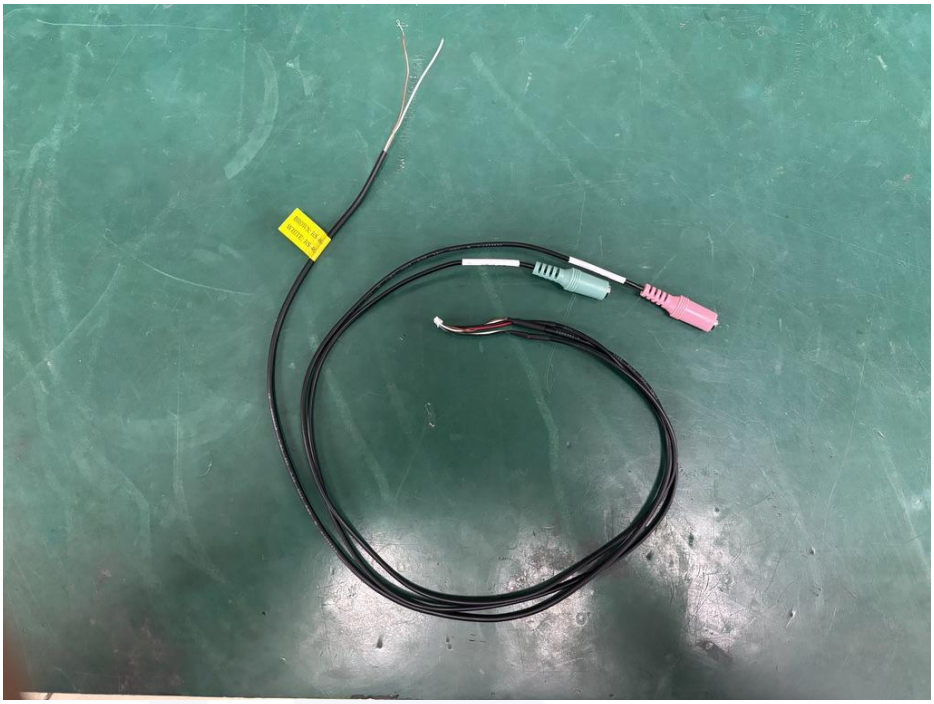


<EUT External Photographs - Top>

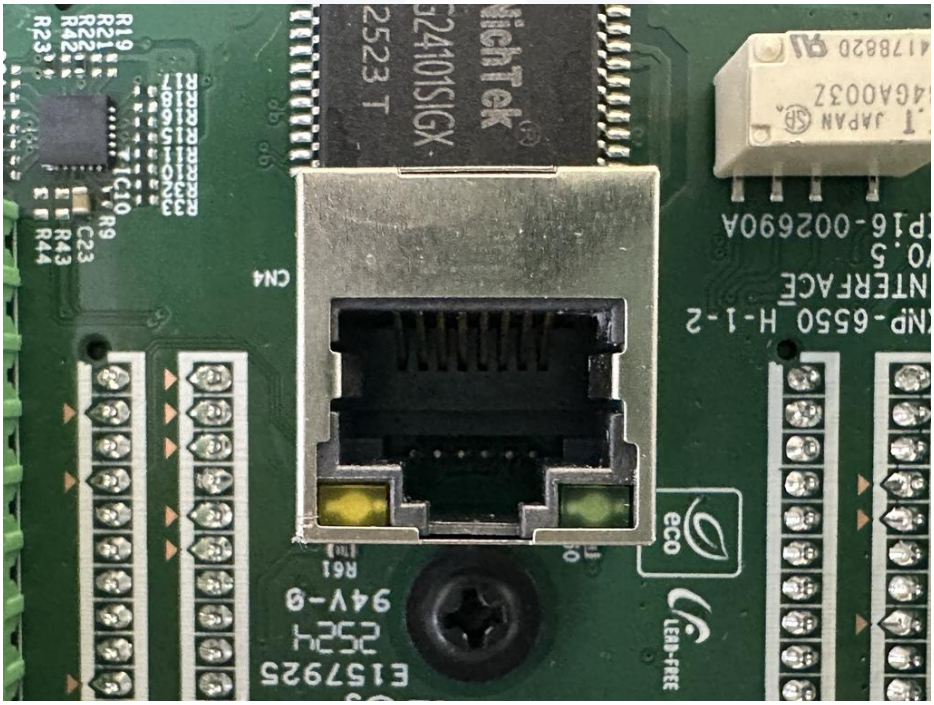


<EUT External Photographs - Bottom>

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

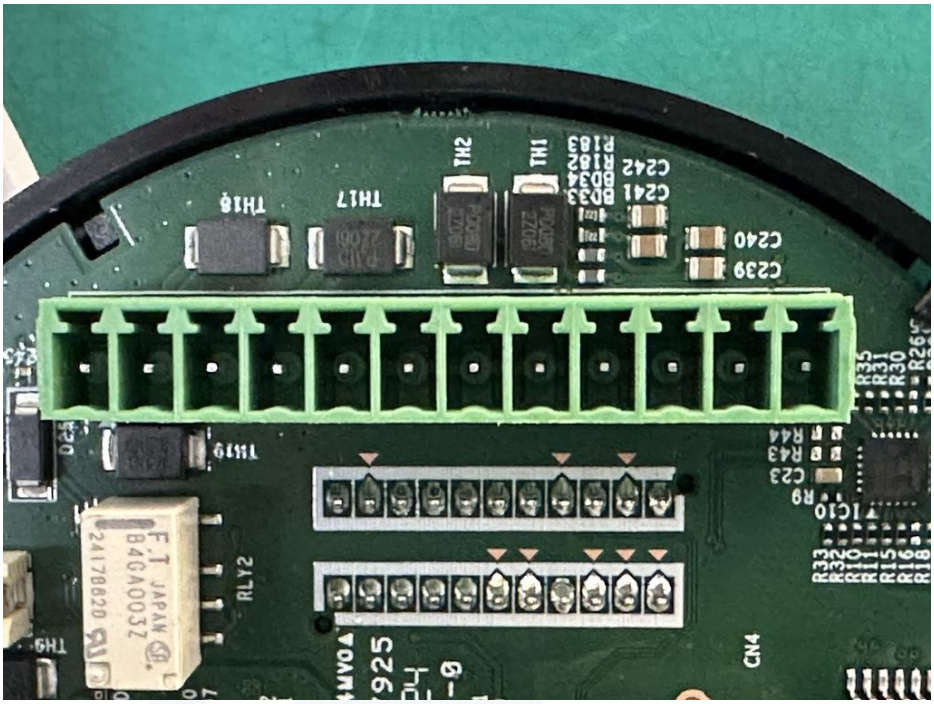


<Components>

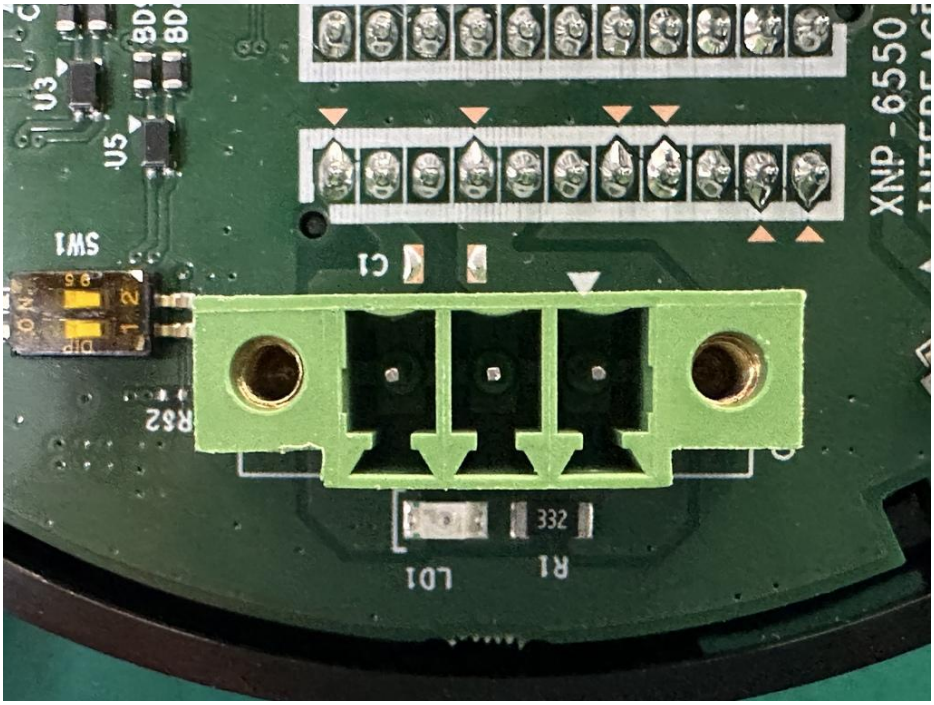


<Port-1>

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

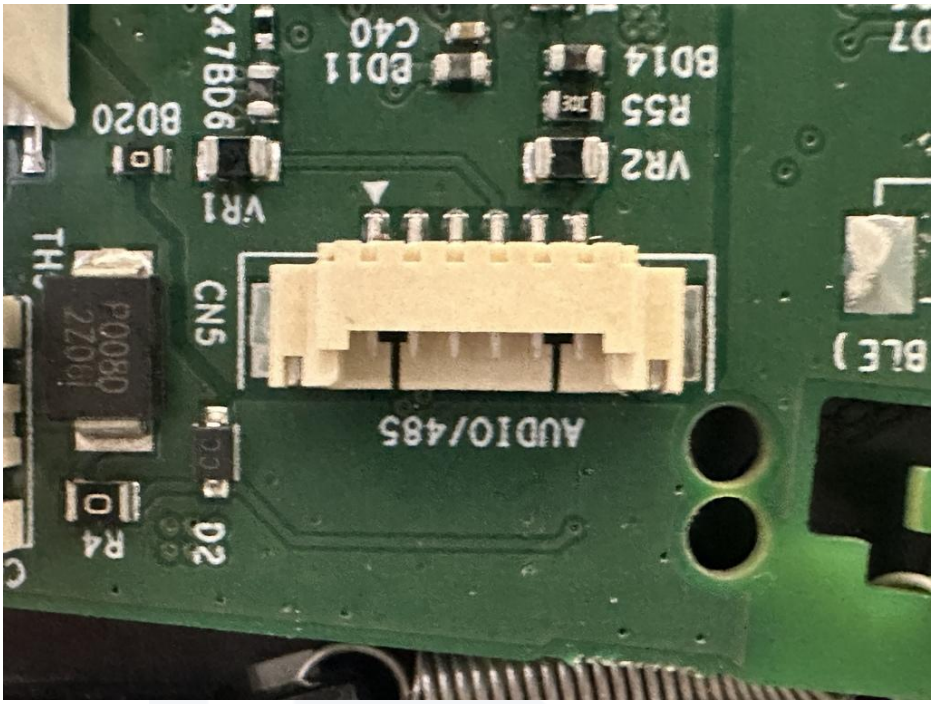


<Port-2>



<Port-3>

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<Port-4>



<Port-5>

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).



<EUT Internal Photographs>

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).

7.3 Label

Name	:	Hanwha Vision Co., Ltd.
Product item	:	NETWORK CAMERA
Model name	:	XNP-A6374RH

この装置は、クラスＡ情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 ＶＣＣＩ－Ａ

The End.

You can check the authenticity of this test report on the authenticity verification page on our website (www.kes.co.kr).