TEST REPORT

KES Co., Ltd.
#3002, #3503, #3701, 40, Simin-daero365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea
Tel : +82-31-425-6200, Fax : +82-31-341-3838

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 : FCC 47 CFR Part 15, Subpart B (ANSI C63.4a-2017),
IC ICES-003 Issue 7 (ANSI C63.4a-2017)

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 laboratory is not accredited for the test results marked *.
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.

REPORT REVISION HISTORY

Date	Test Report No.	Revision History
2026. 04. 07.	KES-EM260877	Issued

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

2 Test Summary

2.1 Class and Voltage

Test Class	Test Voltage
Class A	AC 120 V, 60 Hz, PoE

2.2 Summary of Test Results

Regulation
47 CFR Part 15, Subpart B, ICES-003 Issue 7

Test Item	Test Standard	Test Result	Remark
Conducted Emissions at Mains Power Ports	ANSI C63.4a-2017	PASS	-
Radiated Emissions(Below 1 ㎓)		PASS	-
Radiated Emissions(Above 1 ㎓)		PASS	NOTE 1

* N/A: Not Applicable

(NOTE 1) Since the maximum operating frequency exceeds 1 000 MHz, the measurement is conducted up to the 5th harmonic.

2.3 Remarks when standards applied

N/A

2.4 Variant Model Differences

N/A

2.5 Device Modifications

N/A

3 General Product Description

Division	Specificity
Internal maximum operating frequency	1.78 ㎓

	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

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

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)

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
-	-	-	-	-

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

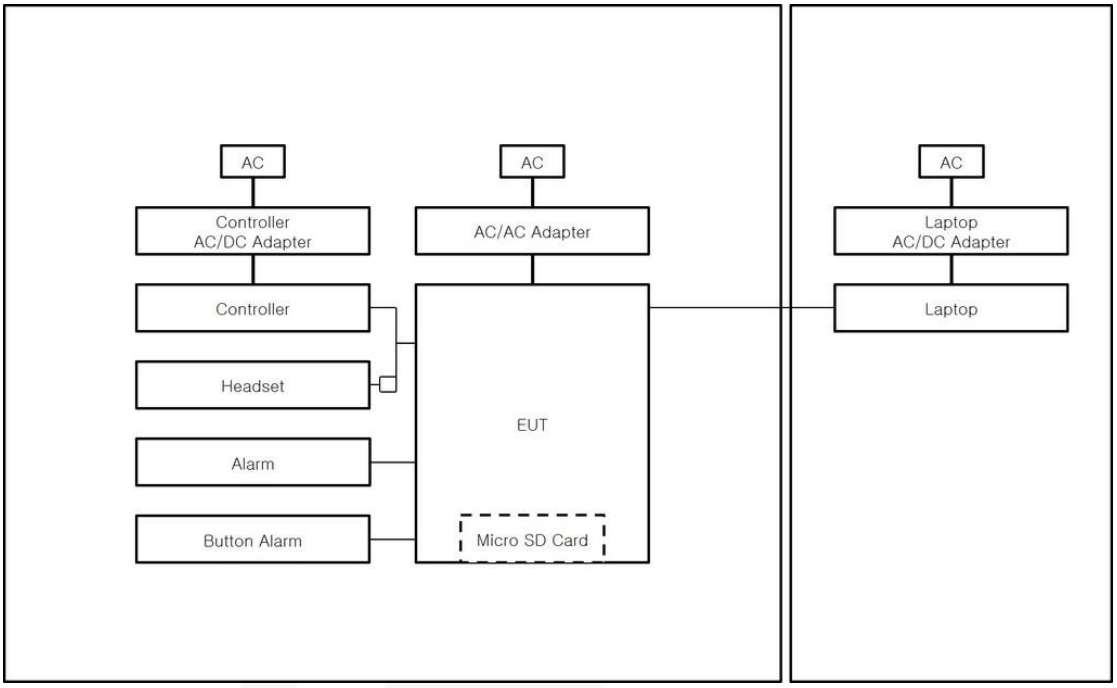
4.4 EUT Operating Mode(s)

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	

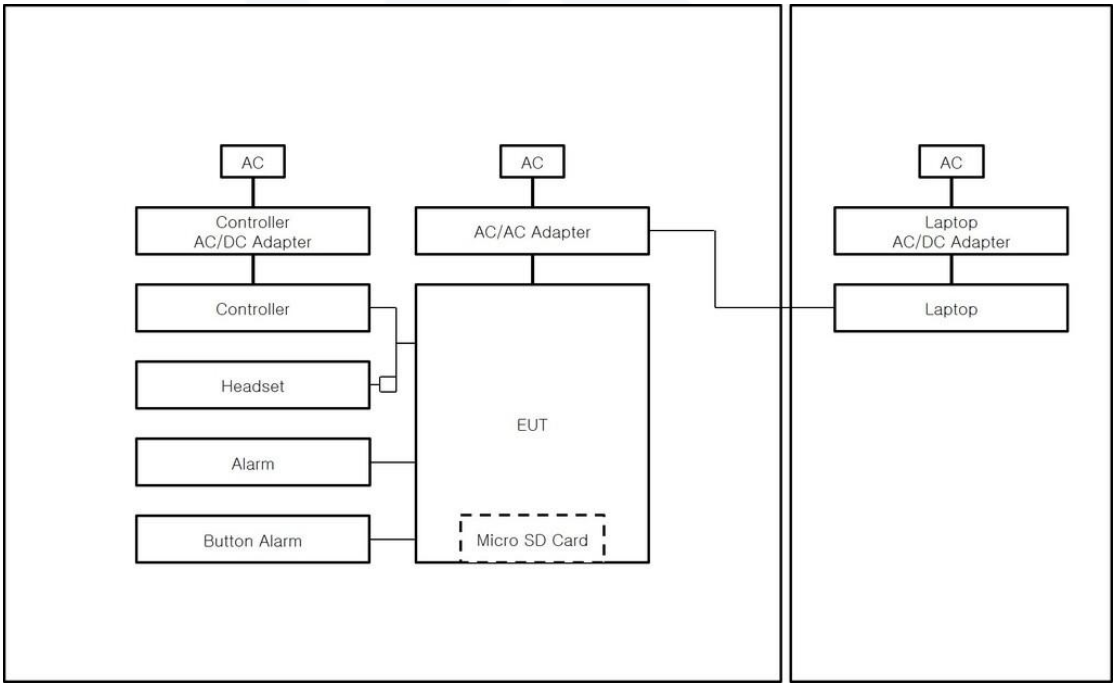
4.5 Test operating S/W

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

4.6 Configuration



Mode 1



Mode 2

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 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

6 Test Item

6.1 Conducted Emissions at Mains Power Ports

6.1.1 Test Equipment

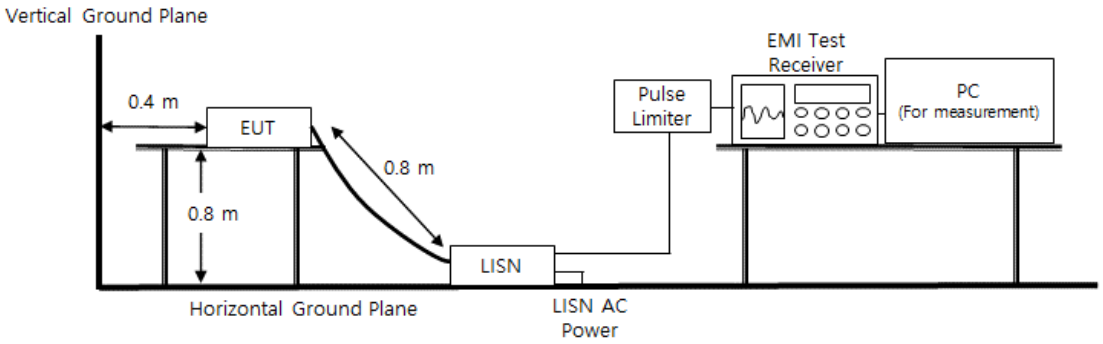
Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SHIELD ROOM #6	-	DYMSTEC	-	-	-	■
EMC32 Measurement Software	EMC32	R&S	9.12.00	-	-	■
EMI TEST RECEIVER	ESR3	Rohde & Schwarz	101783	2025-11-03	2026-11-03	■
LISN	ENV216	Rohde & Schwarz	101787	2025-09-04	2026-09-04	■
ARTIFICIAL 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 ~ 23.1) °C	(36.2 ~ 36.3) % R.H.

6.1.4 Diagram of test setup



6.1.5 Test Result

○ Test Date : 2026-04-01

● Test Mode : Mode 1

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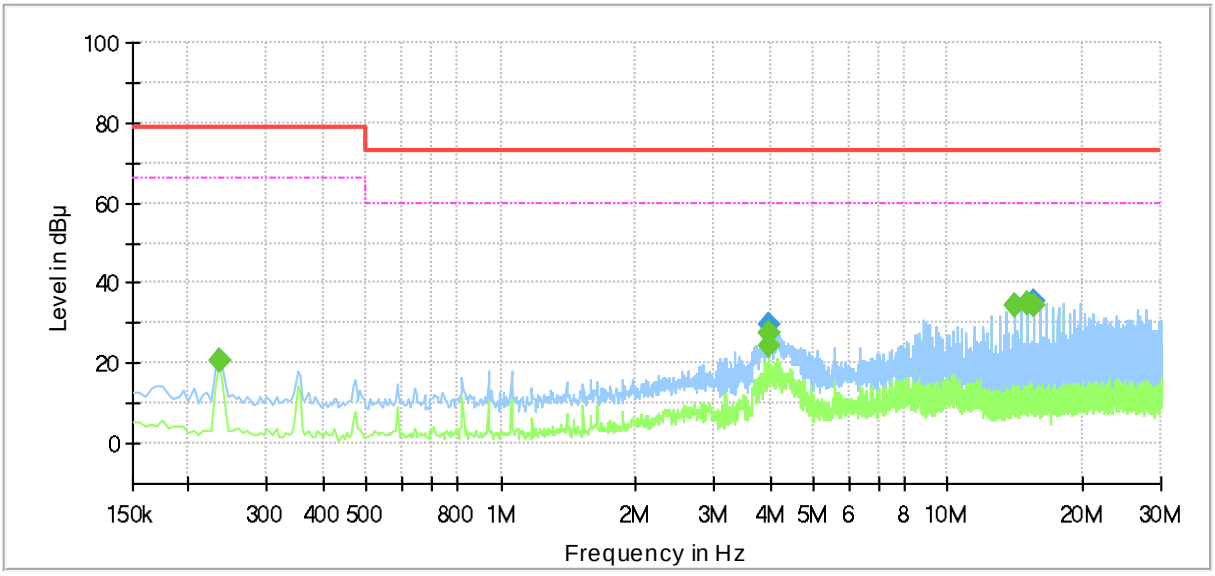
Test Description:	Conducted Emission
Job No.:	KES-EM260877
Phase:	L
Mode:	Mode 1
Operator Name:	KES



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

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

Test Report

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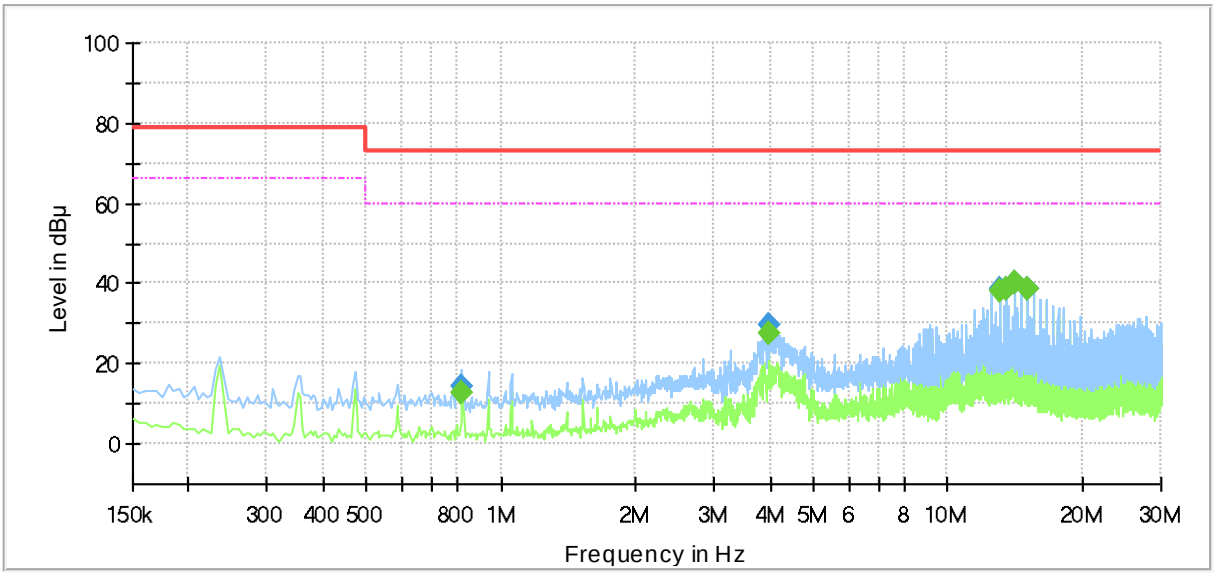
Test Description:	Conducted Emission
Job No.:	KES-EM260877
Phase:	N
Mode:	Mode 1
Operator Name:	KES



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

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

Test Report

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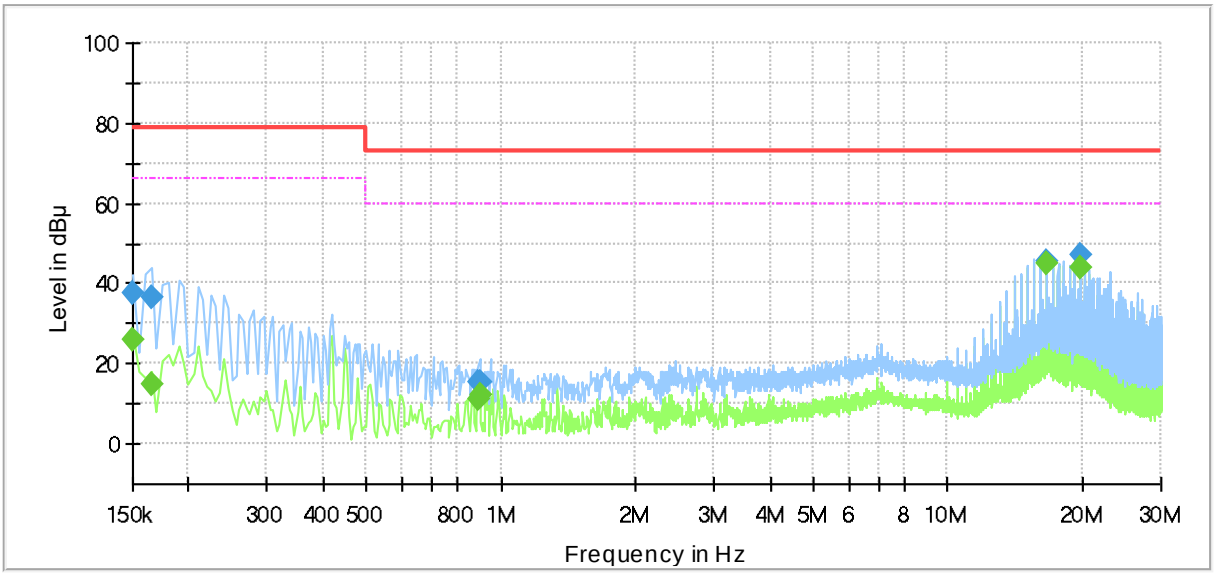
Test Description:	Conducted Emission
Job No.:	KES-EM260877
Phase:	L
Mode:	Mode 2
Operator Name:	KES



Final_Result

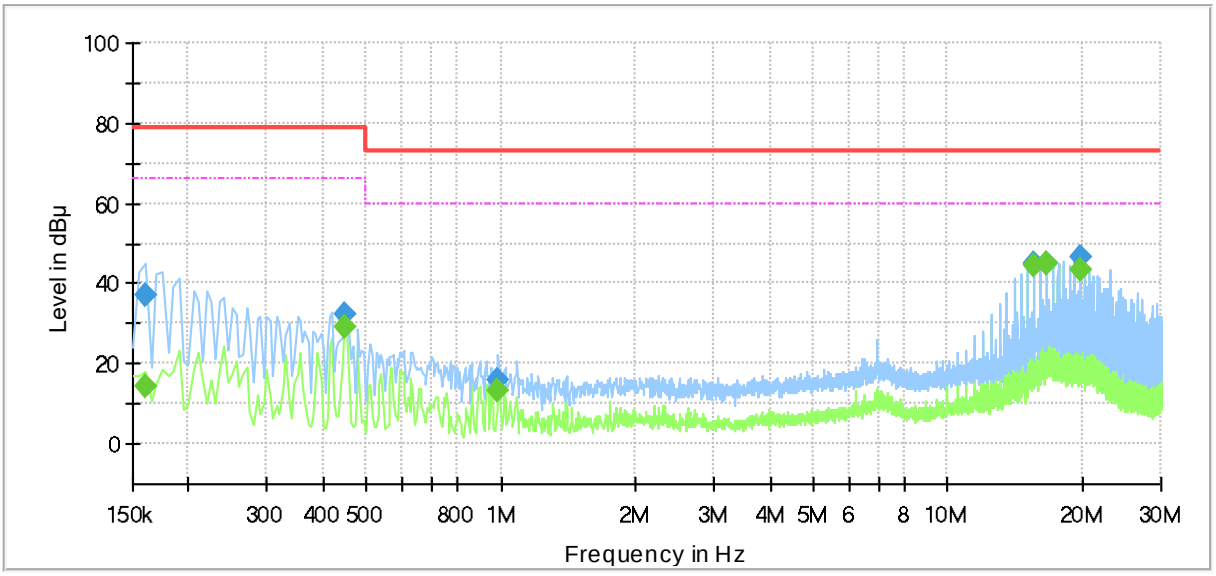
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	---	25.92	66.00	40.08	1000.0	9.000	L1	19.4
0.150000	37.79	---	79.00	41.21	1000.0	9.000	L1	19.4
0.165000	---	15.01	66.00	50.99	1000.0	9.000	L1	19.4
0.165000	36.79	---	79.00	42.21	1000.0	9.000	L1	19.4
0.890000	---	10.92	60.00	49.08	1000.0	9.000	L1	19.5
0.890000	15.14	---	73.00	57.86	1000.0	9.000	L1	19.5
0.895000	---	12.37	60.00	47.63	1000.0	9.000	L1	19.5
0.895000	15.15	---	73.00	57.85	1000.0	9.000	L1	19.5
16.640000	---	45.20	60.00	14.80	1000.0	9.000	L1	20.2
16.640000	45.33	---	73.00	27.67	1000.0	9.000	L1	20.2
19.710000	---	43.78	60.00	16.22	1000.0	9.000	L1	20.2
19.710000	46.99	---	73.00	26.01	1000.0	9.000	L1	20.2

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

Test Report

1 / 1

Test Description:	Conducted Emission
Job No.:	KES-EM260877
Phase:	N
Mode:	Mode 2
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	37.30	---	79.00	41.70	1000.0	9.000	N	19.4
0.160000	---	14.28	66.00	51.72	1000.0	9.000	N	19.4
0.445000	32.43	---	79.00	46.57	1000.0	9.000	N	19.5
0.445000	---	29.30	66.00	36.70	1000.0	9.000	N	19.5
0.985000	15.84	---	73.00	57.16	1000.0	9.000	N	19.5
0.985000	---	13.15	60.00	46.85	1000.0	9.000	N	19.5
15.615000	---	44.52	60.00	15.48	1000.0	9.000	N	20.2
15.615000	45.03	---	73.00	27.97	1000.0	9.000	N	20.2
16.640000	---	45.01	60.00	14.99	1000.0	9.000	N	20.2
16.640000	45.13	---	73.00	27.87	1000.0	9.000	N	20.2
19.710000	---	43.64	60.00	16.36	1000.0	9.000	N	20.3
19.710000	46.82	---	73.00	26.18	1000.0	9.000	N	20.3

6.1.6 Remark

Complies with the test requirements.

6.2 Radiated Emissions(Below 1 ㎓)

6.2.1 Test Equipment

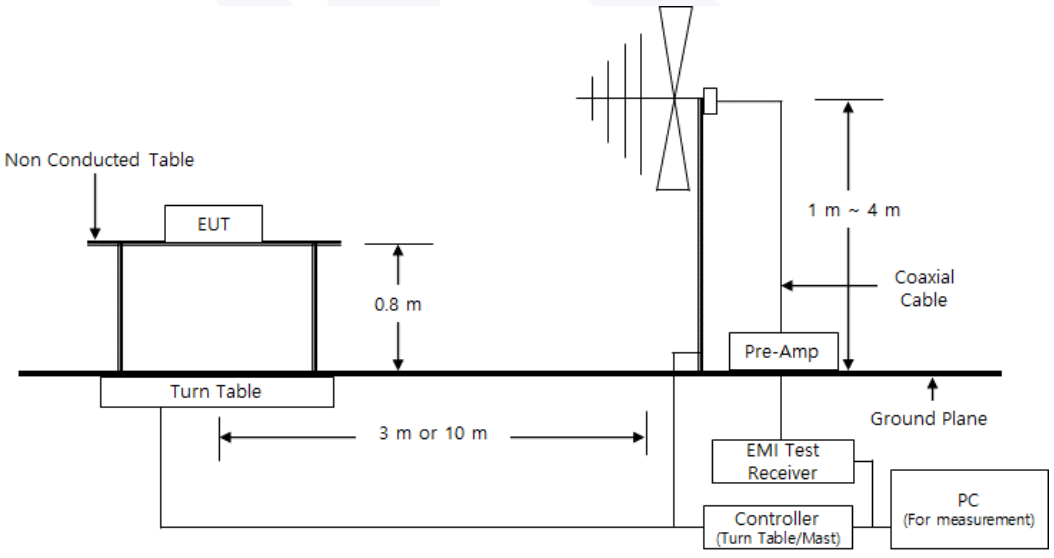
Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #4(10 m)	-	DYMSTEC	-	-	-	■
EP5/RE Software	EP5/RE	TOYO	6.0.0	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100551	2026-02-12	2027-02-12	■
AMPLIFIER	SCU 01	Rohde & Schwarz	100603	2025-11-03	2026-11-03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

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

6.2.3 Test Conditions :

Temperature	Relative Humidity
(22.7 ~ 23.3) °C	(35.4 ~ 3537) % R.H.

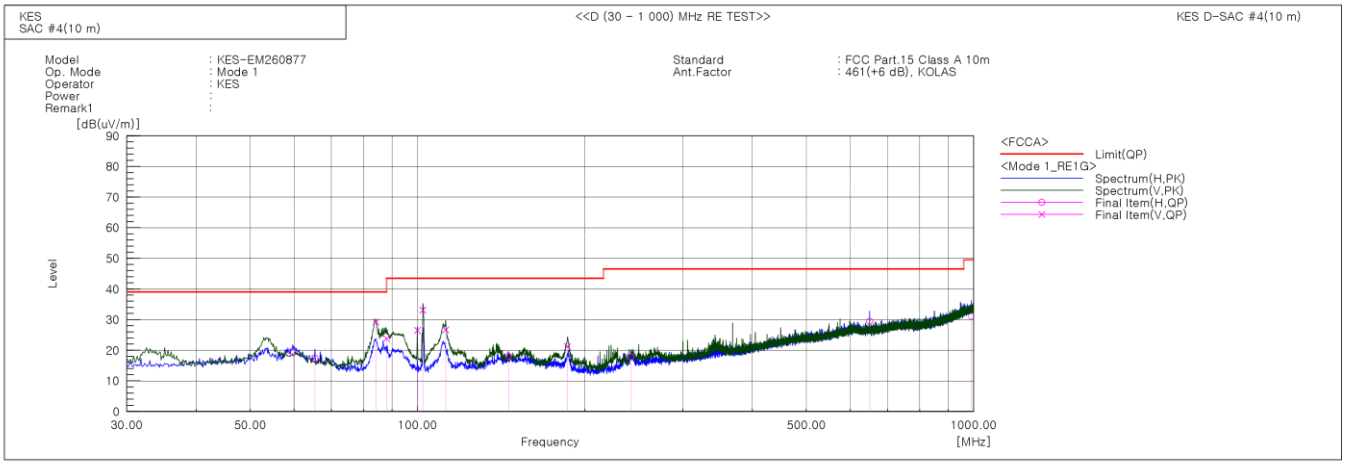
6.2.4 Diafram of test setup



6.2.5 Test Result

○ Test Date : 2026-04-01

● Test Mode : Mode 1_FCC



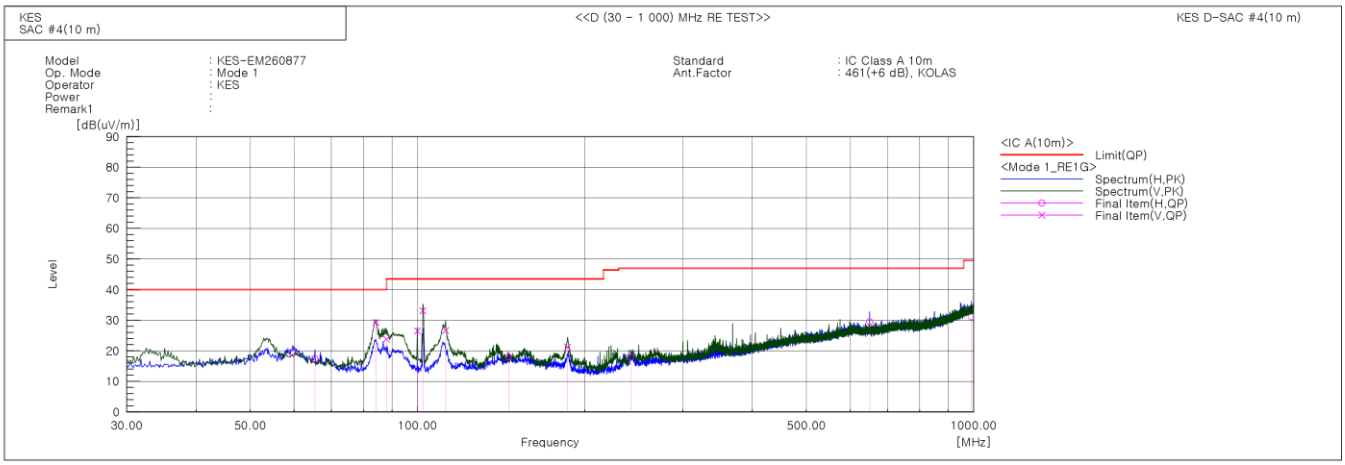
Final Result

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	39.0	19.7	329.0	31.0	
2	65.405	H	38.9	-21.5	17.4	39.0	21.6	385.0	272.0	
3	84.199	V	55.0	-25.8	29.2	39.0	9.8	101.0	214.0	
4	87.958	V	49.7	-25.9	23.8	39.0	15.2	134.0	3.0	
5	99.961	V	51.2	-24.7	26.5	43.5	17.0	100.0	210.0	
6	102.265	V	57.4	-24.3	33.1	43.5	10.4	103.0	203.0	
7	112.329	V	49.8	-23.1	26.7	43.5	16.8	101.0	145.0	
8	145.794	H	37.4	-19.4	18.0	43.5	25.5	399.0	62.0	
9	186.049	V	42.6	-21.4	21.2	43.5	22.3	111.0	180.0	
10	241.824	H	37.8	-20.0	17.8	46.5	28.7	397.0	96.0	
11	650.073	H	36.0	-6.5	29.5	46.5	17.0	399.0	256.0	
12	990.058	H	31.1	0.0	31.1	49.5	18.4	399.0	192.0	

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

○ Test Date : 2026-04-01

● Test Mode : Mode 1_IC



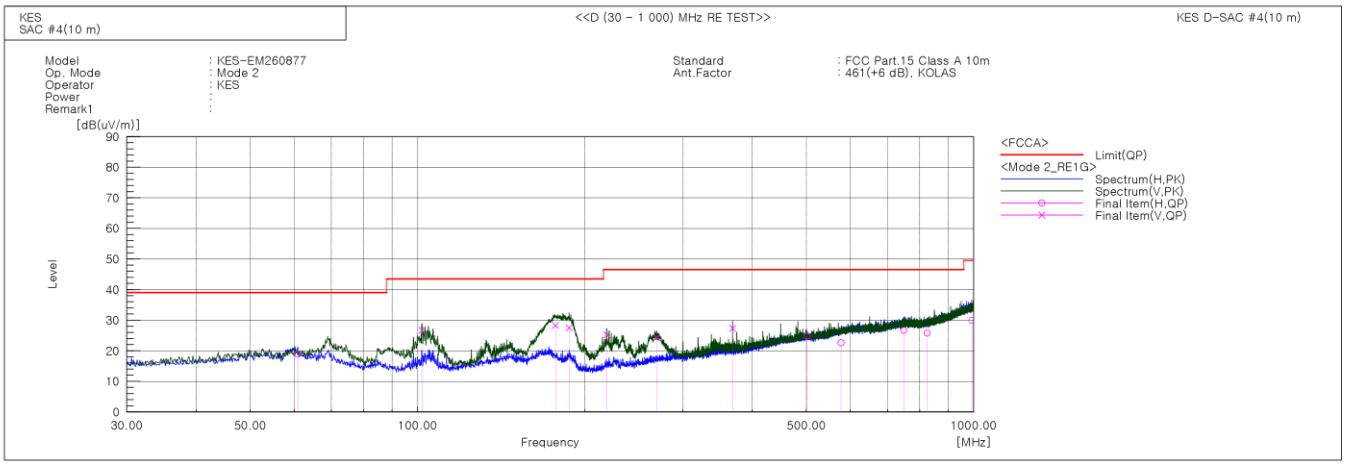
Final Result

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	43.5	17.0	100.0	210.0	
6	102.265	V	57.4	-24.3	33.1	43.5	10.4	103.0	203.0	
7	112.329	V	49.8	-23.1	26.7	43.5	16.8	101.0	145.0	
8	145.794	H	37.4	-19.4	18.0	43.5	25.5	399.0	62.0	
9	186.049	V	42.6	-21.4	21.2	43.5	22.3	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	49.5	18.4	399.0	192.0	

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

○ Test Date : 2026-04-01

● Test Mode : Mode 2_FCC



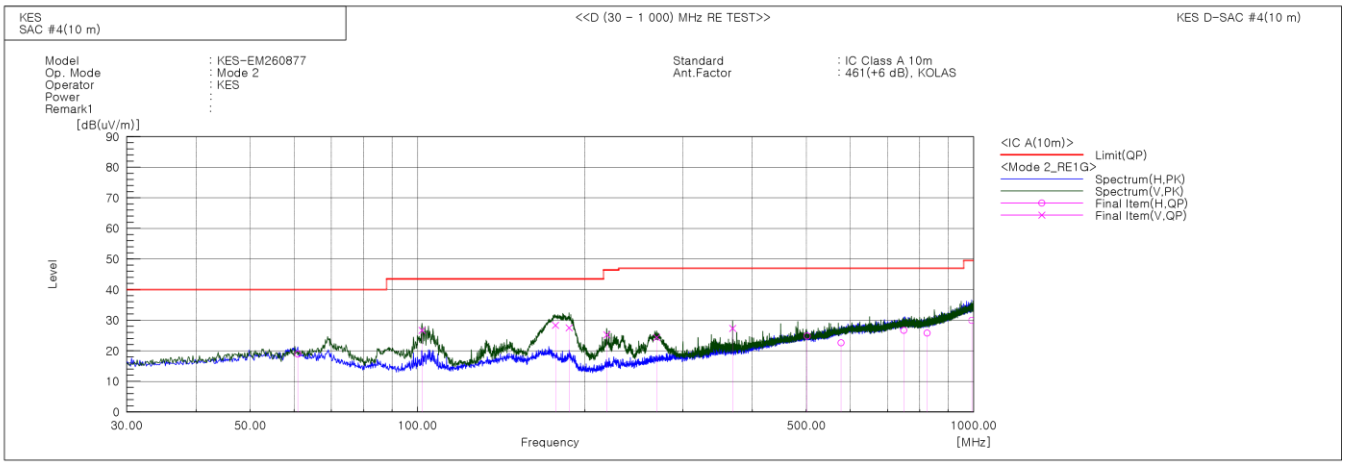
Final Result

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	39.0	20.1	197.0	16.0	
2	101.901	V	51.1	-24.4	26.7	43.5	16.8	157.0	326.0	
3	176.955	V	48.9	-20.6	28.3	43.5	15.2	103.0	7.0	
4	187.261	V	49.0	-21.5	27.5	43.5	16.0	100.0	93.0	
5	218.908	V	46.6	-21.4	25.2	46.5	21.3	104.0	181.0	
6	269.105	V	42.8	-18.5	24.3	46.5	22.2	142.0	299.0	
7	368.651	V	41.9	-14.6	27.3	46.5	19.2	106.0	211.0	
8	502.148	H	34.5	-9.7	24.8	46.5	21.7	118.0	186.0	
9	577.323	H	30.2	-7.6	22.6	46.5	23.9	399.0	117.0	
10	748.528	H	31.5	-4.8	26.7	46.5	19.8	199.0	51.0	
11	824.673	H	30.5	-4.7	25.8	46.5	20.7	179.0	258.0	
12	991.998	H	29.9	0.0	29.9	49.5	19.6	202.0	66.0	

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

○ Test Date : 2026-04-01

● Test Mode : Mode 2_IC



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	43.5	16.8	157.0	326.0	
3	176.955	V	48.9	-20.6	28.3	43.5	15.2	103.0	7.0	
4	187.261	V	49.0	-21.5	27.5	43.5	16.0	100.0	93.0	
5	218.908	V	46.6	-21.4	25.2	46.4	21.2	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	49.5	19.6	202.0	66.0	

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

6.2.6 Remark

Complies with the test requirements.

6.3 Radiated Emissions(Above 1 ㎓)

6.3.1 Test Equipment

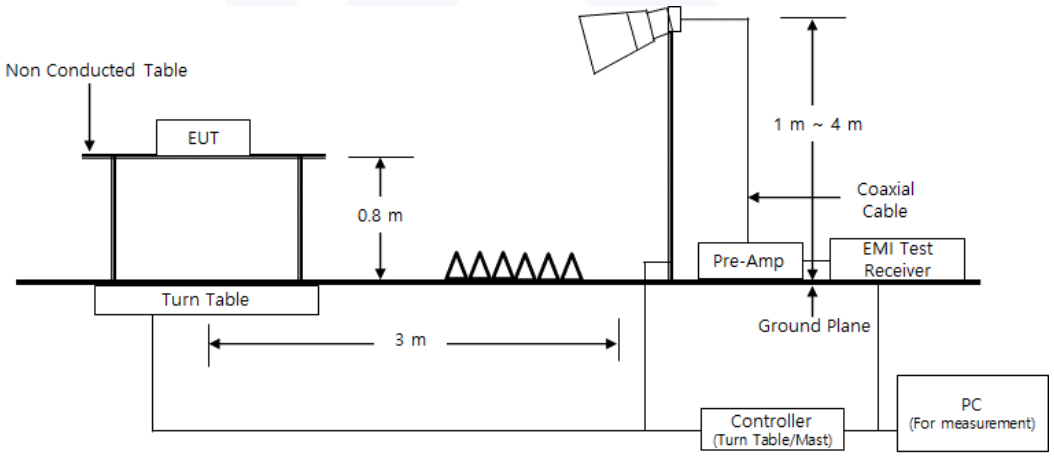
Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #5	-	SY Corporation	-	-	-	■
ES10/RE Software	ES10/RE	TOYO	2022.01.000	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100552	2026-02-12	2027-02-12	■
PREAMPLIFIER	8449B	HP	3008A00538	2025-04-30	2026-04-30	■
ATTENUATOR	8491B	HP	23094	2026-02-12	2027-02-12	■
HORN ANTENNA	BBHA 9120D	SCHWARZBECK	9120D-1802	2025-11-05	2026-11-05	■

6.3.2 Test Location : SEMI ANECHOIC CHAMBER #5

6.3.3 Test Conditions :

Temperature	Relative Humidity
(24.0 ~ 24.2) °C	(37.1 ~ 37.3) % R.H.

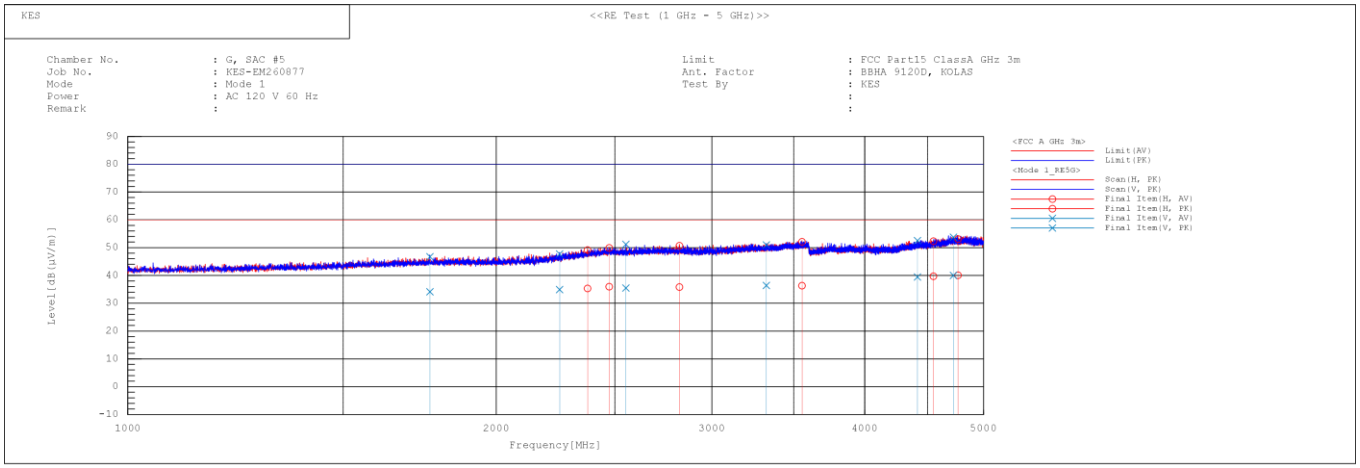
6.3.4 Diagram of test setup



6.3.5 Test Result

○ Test Date : 2026-04-01

● Test Mode : Mode 1



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	1765.322	V	31.5	44.1	2.6	34.1	46.7	60.0	80.0	25.9	33.3	105.0	300.8	
2	2252.800	V	30.4	43.2	4.5	34.9	47.7	60.0	80.0	25.1	32.3	121.0	97.2	
3	2374.781	H	30.1	43.9	5.2	35.3	49.1	60.0	80.0	24.7	30.9	143.0	0.4	
4	2472.989	H	30.5	44.4	5.5	36.0	49.9	60.0	80.0	24.0	30.1	146.0	261.1	
5	2552.234	V	29.8	45.5	5.7	35.5	51.2	60.0	80.0	24.5	28.8	115.0	142.0	
6	2822.819	H	29.3	44.2	6.5	35.8	50.7	60.0	80.0	24.2	29.3	397.0	318.1	
7	3323.789	V	29.0	43.6	7.4	36.4	51.0	60.0	80.0	23.6	29.0	152.0	86.8	
8	3553.774	H	28.6	44.4	7.7	36.3	52.1	60.0	80.0	23.7	27.9	265.0	0.9	
9	4416.000	V	28.4	41.5	11.0	39.4	52.5	60.0	80.0	20.6	27.5	400.0	359.2	
10	4550.411	H	28.3	40.9	11.4	39.7	52.3	60.0	80.0	20.3	27.7	143.0	255.7	
11	4726.001	V	28.0	41.7	12.0	40.0	53.7	60.0	80.0	20.0	26.3	138.0	245.4	
12	4765.600	H	28.0	41.0	12.1	40.1	53.1	60.0	80.0	19.9	26.9	383.0	161.5	

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

○ Test Date : 2026-04-01

● Test Mode : Mode 1

(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)
6 114.173	39.800	H	1.000	33.140	9.340	33.760	48.520	80.000	31.480
6 730.748	41.100	V	1.000	35.010	10.150	34.760	51.500	80.000	28.500

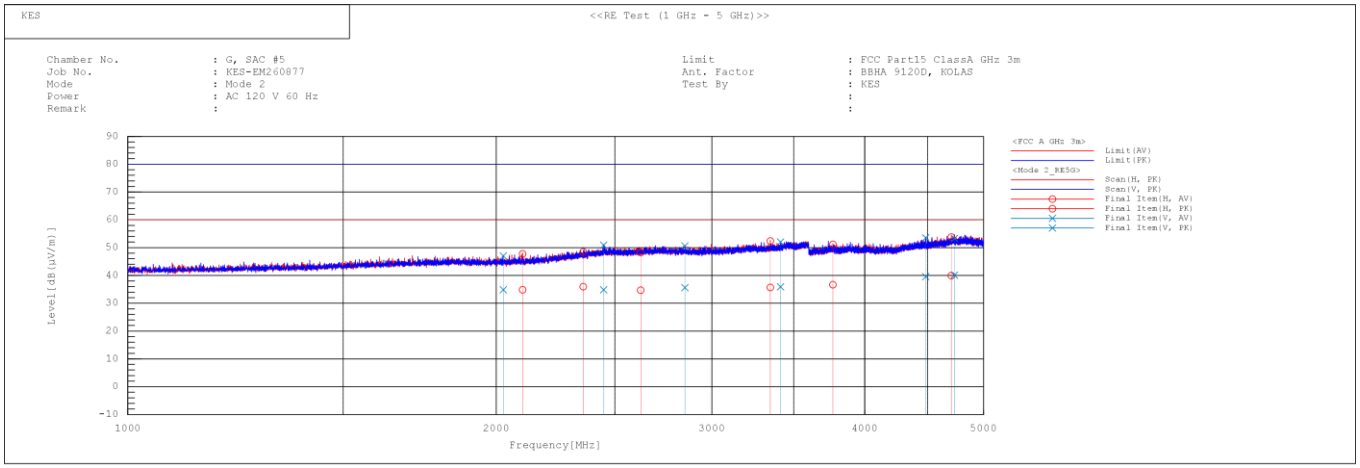
Cispr-AV

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)
6 114.173	27.000	H	1.000	33.140	9.340	33.760	35.720	60.000	24.280
6 730.748	27.000	V	1.000	35.010	10.150	34.760	37.400	60.000	22.600

※ No spurious emission were detected above 9 GHz

○ Test Date : 2026-04-01

● Test Mode : Mode 2



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	2026.787	V	31.4	43.6	3.4	34.8	47.0	60.0	80.0	25.2	33.0	151.0	5.5	
2	2101.779	H	31.0	44.0	3.8	34.8	47.8	60.0	80.0	25.2	32.2	102.0	359.3	
3	2355.113	H	30.9	43.4	5.1	36.0	48.5	60.0	80.0	24.0	31.5	398.0	66.4	
4	2448.218	V	29.3	45.4	5.5	34.8	50.9	60.0	80.0	25.2	29.1	100.0	74.4	
5	2623.773	H	28.9	42.4	5.8	34.7	48.2	60.0	80.0	25.3	31.8	396.0	40.4	
6	2851.600	V	29.0	44.0	6.6	35.6	50.6	60.0	80.0	24.4	29.4	148.0	172.9	
7	3348.101	H	28.3	45.0	7.4	35.7	52.4	60.0	80.0	24.3	27.6	211.0	359.3	
8	3413.548	V	28.4	44.5	7.5	35.9	52.0	60.0	80.0	24.1	28.0	151.0	358.8	
9	3767.111	H	28.3	42.8	8.4	36.7	51.2	60.0	80.0	23.3	28.8	393.0	353.7	
10	4486.006	V	28.4	42.3	11.2	39.6	53.5	60.0	80.0	20.4	26.5	101.0	69.9	
11	4706.683	H	28.0	41.9	11.9	39.9	53.8	60.0	80.0	20.1	26.2	199.0	154.3	
12	4735.119	V	28.1	41.3	12.0	40.1	53.3	60.0	80.0	19.9	26.7	113.0	155.9	

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

○ Test Date : 2026-04-01

● Test Mode : Mode 2

(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)
6 149.214	39.800	H	1.000	33.340	9.360	33.860	48.640	80.000	31.360
6 583.249	41.100	V	1.000	34.300	9.550	34.830	50.120	80.000	29.880

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)
6 149.214	27.000	H	1.000	33.340	9.360	33.860	35.840	60.000	24.160
6 583.249	27.000	V	1.000	34.300	9.550	34.830	36.020	60.000	23.980

※ No spurious emission were detected above 9 GHz

6.3.6 Remark

Complies with the test requirements.

7 Test Setup Photos and EUT Photographs

7.1 Test Setup Photos

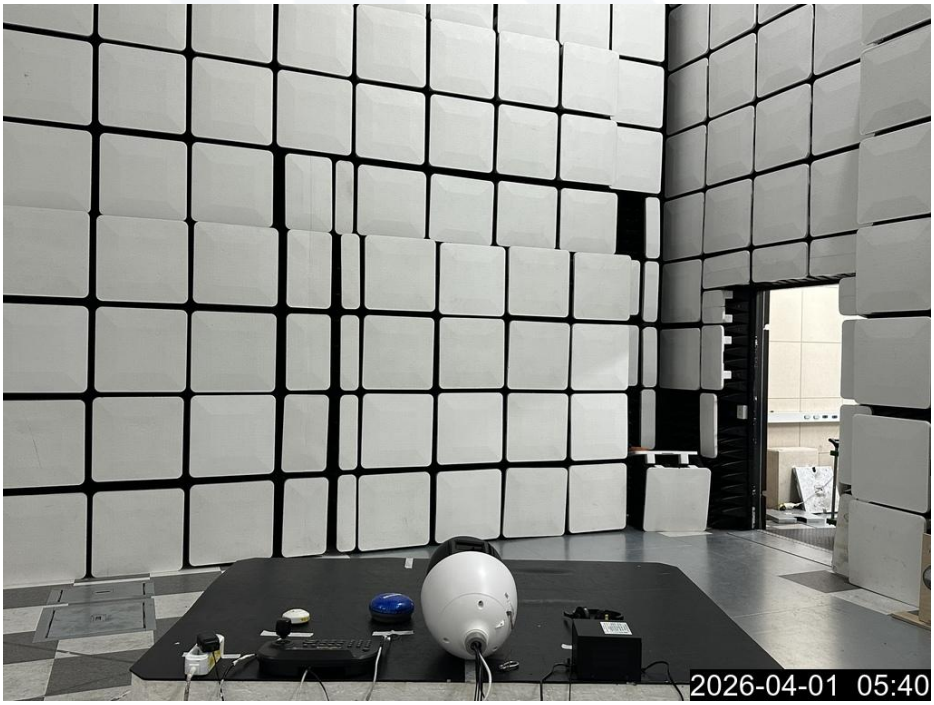
<Conducted Emissions at Mains Power Ports - Front> Mode 1

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

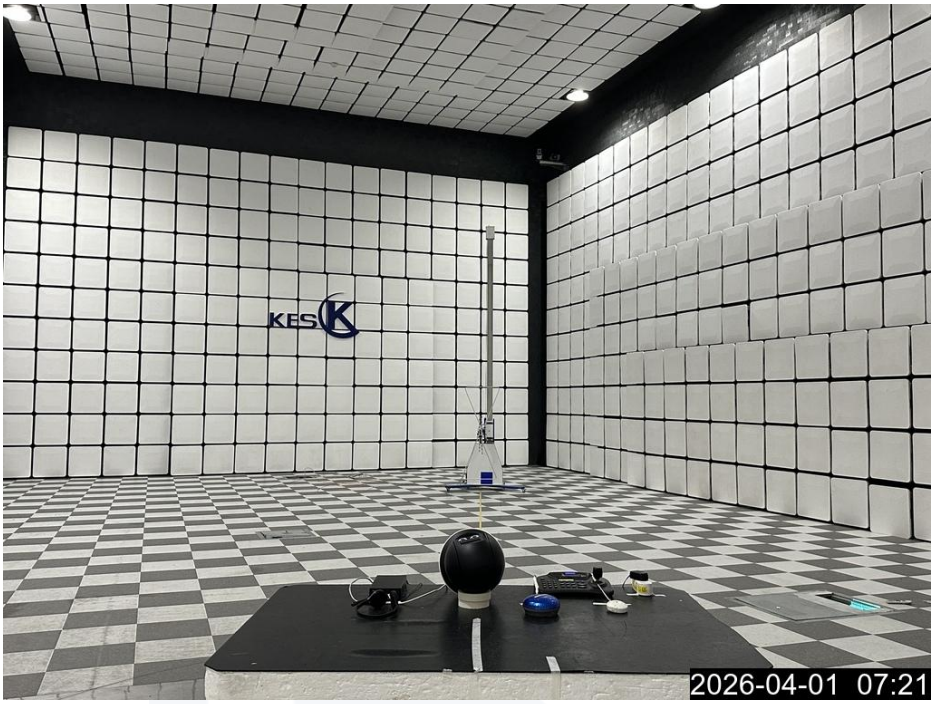
<Conducted Emissions at Mains Power Ports - Front> Mode 2

<Conducted Emissions at Mains Power Ports - Rear> Mode 2

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

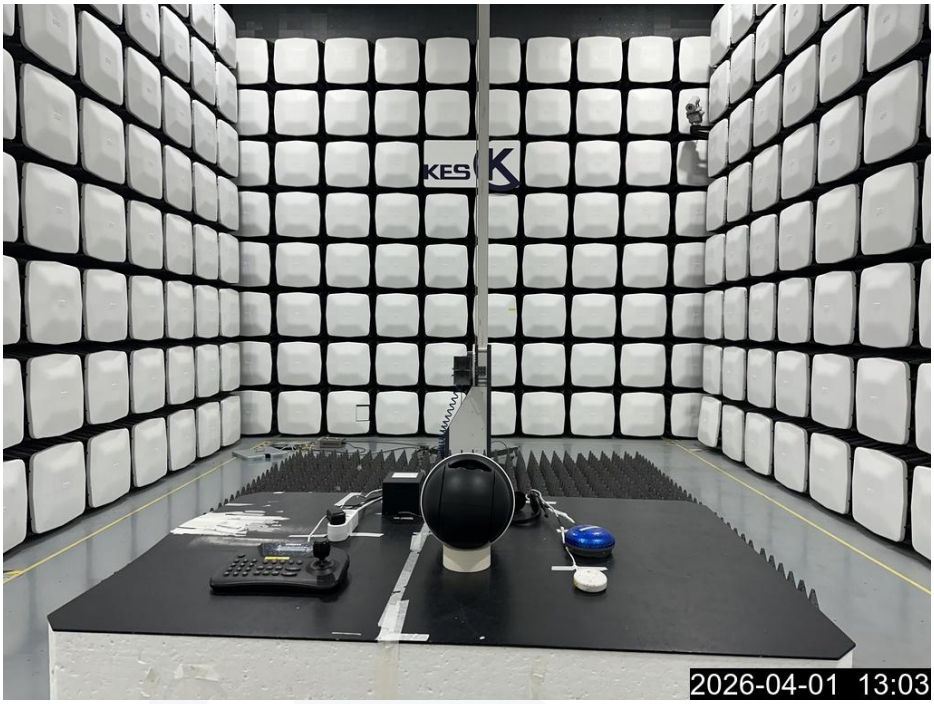


<Radiated Emissions(Below 1 ㎓) - Rear> Mode 1

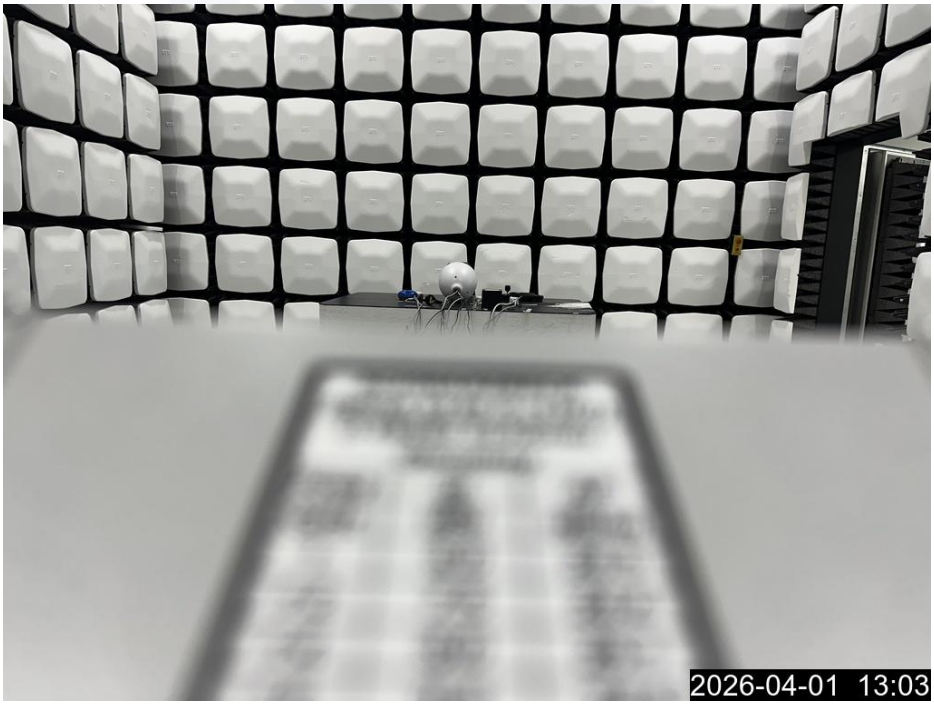


<Radiated Emissions(Below 1 ㎓) - Front> Mode 2

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

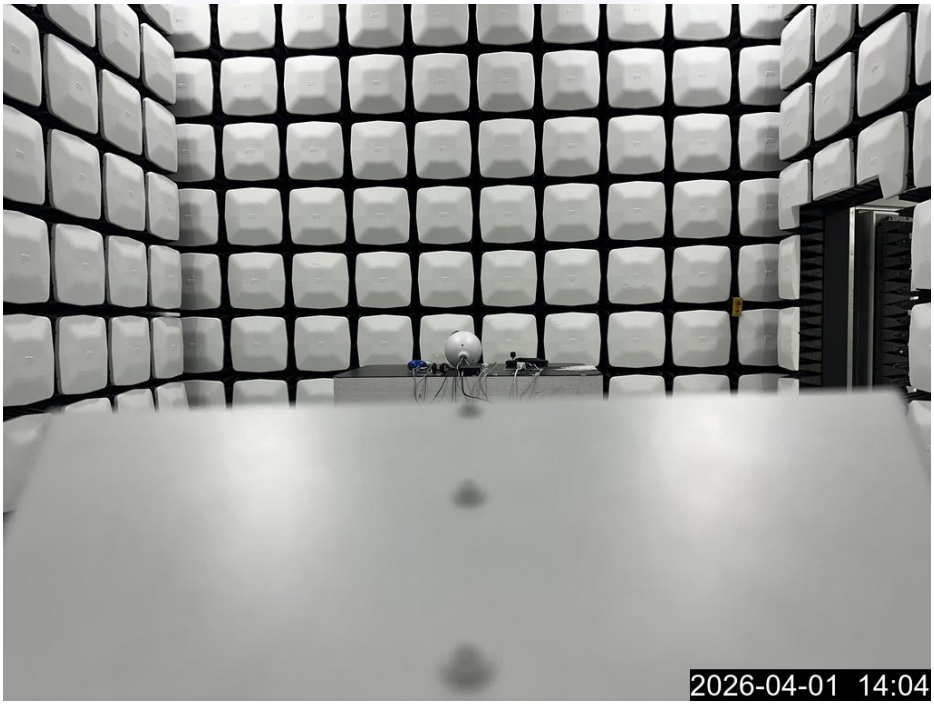


<Radiated Emissions(Above 1 ㎓) - Front> Mode 1



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

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

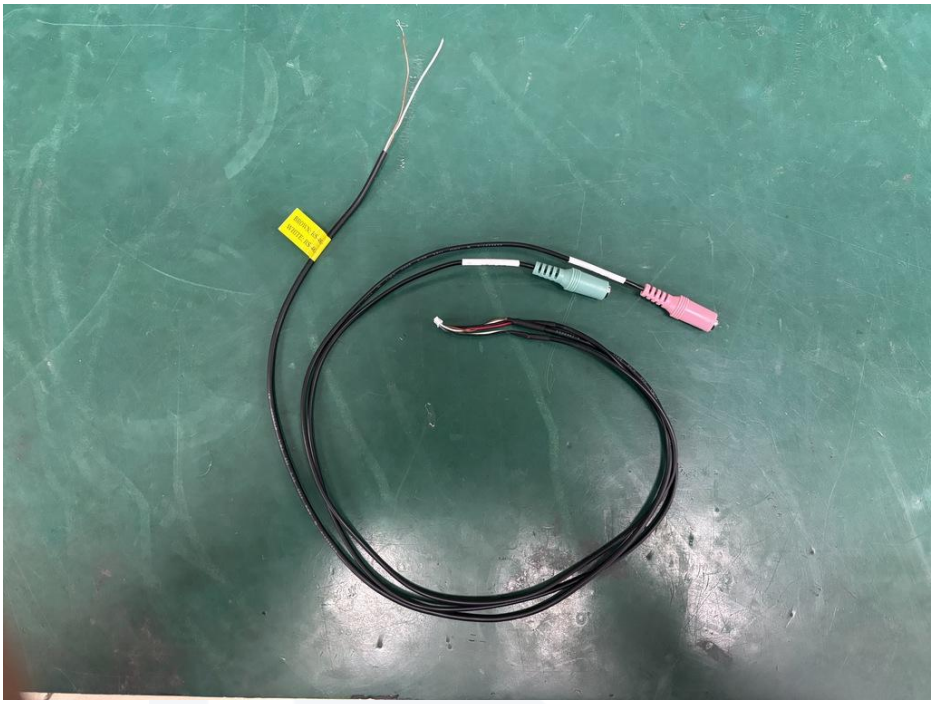


<Radiated Emissions(Above 1 ㎓) - Rear> Mode 2

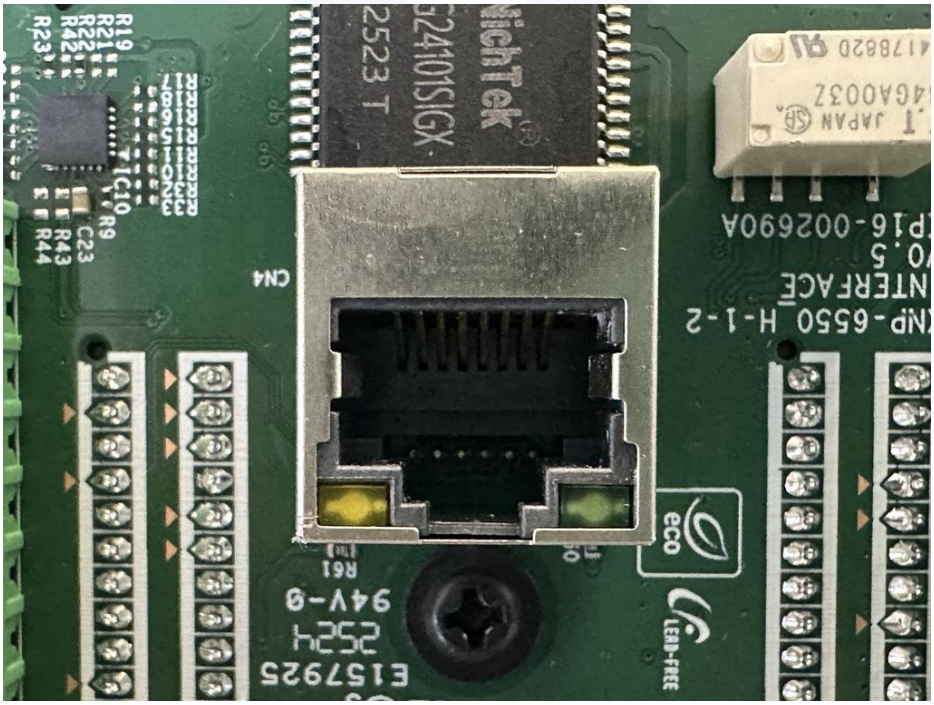
7.2 EUT Photographs

<EUT External Photographs - Top>

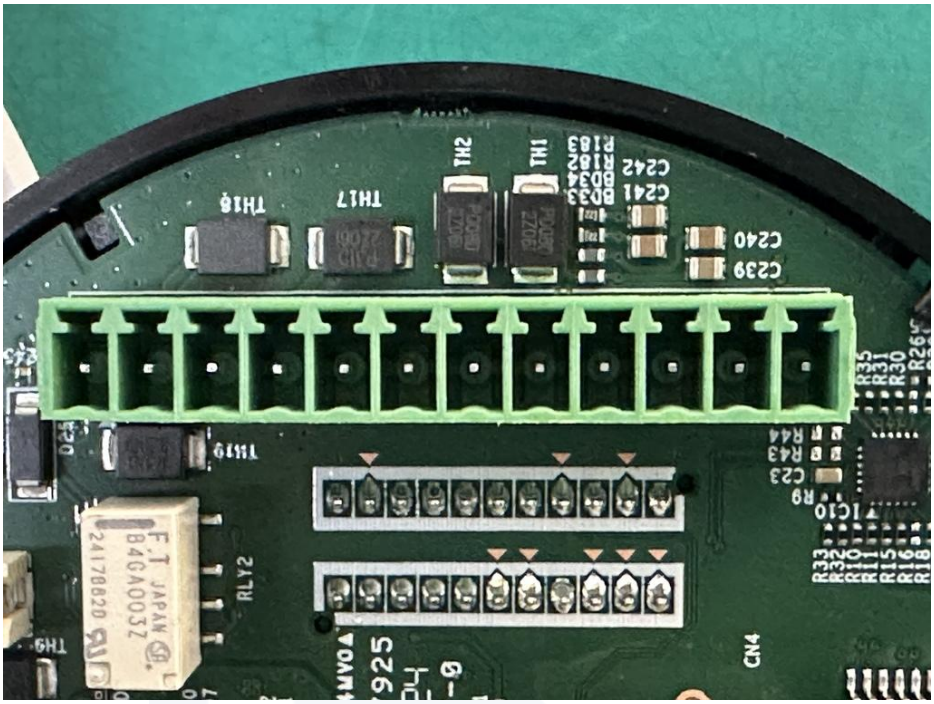
<EUT External Photographs - Bottom>



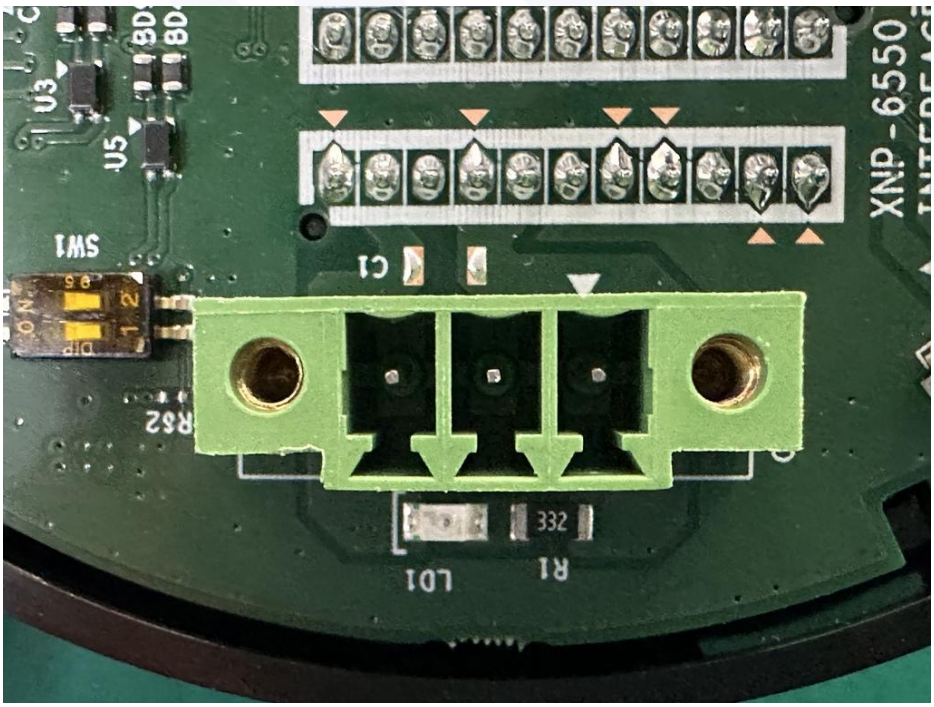
<Components>



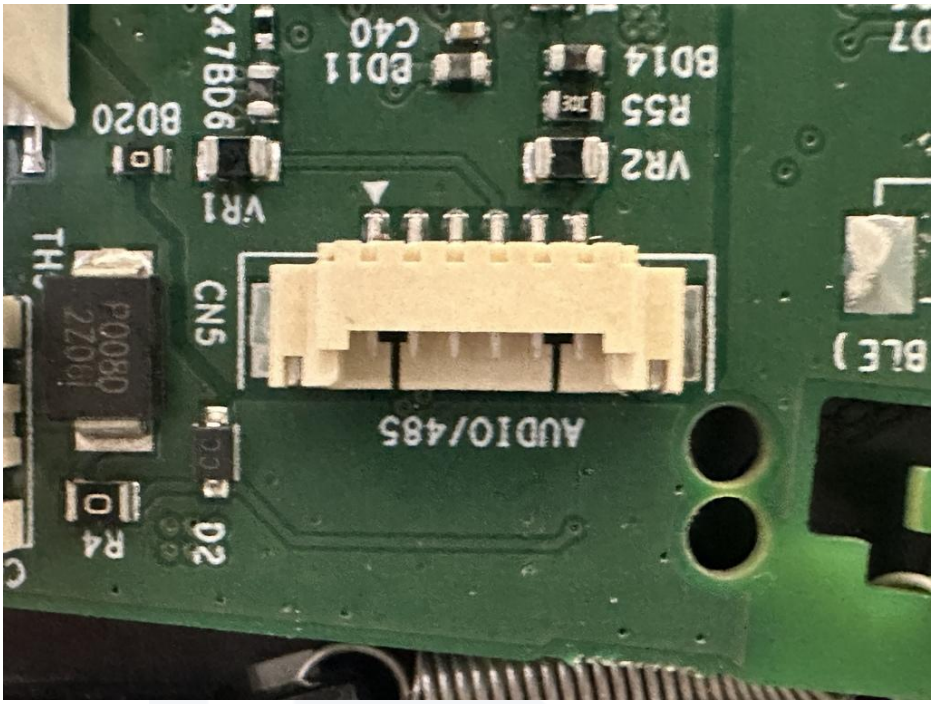
<Port-1>



<Port-2>



<Port-3>



<Port-4>

<Port-5>

<EUT Internal Photographs>

7.3 Label

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

The above label is only an example. The specific format is left to the manufacturer to decide, as long as the label includes the required information, in accordance with ICES-Gen. The requirements specified in ICES-Gen shall apply. An example ISED compliance label, to be placed on each unit of an equipment model (or in the user manual, if allowed), is given below:
CAN ICES-003(A) / NMB-003(A)

The End.