



TEST REPORT



Report No. : KES-EM260045

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KES Co., Ltd.

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1. Client

- Name : JLU Co.,Ltd.
- Address : 410~412, Busan Knowledge Industry Center, 111, Hyoyeol-ro, Buk-gu, Busan, Republic of Korea

2. Sample Description

- Product item : Skin Care Device
- Model name : JTMC200B
- Variant model : -
- Manufacturer etc. : JLU Co.,Ltd.
- Manufacturer address : 410~412, Busan Knowledge Industry Center, 111, Hyoyeol-ro, Buk-gu, Busan, Republic of Korea

3. FCC ID : 2BHHE-JTMC200B

4. Date of test : 2026. 01. 14. ~ 2026. 01. 21.

5. Location of Test : Permanent Testing Lab
Address : 473-21, Gayeo-ro, Yeoju-si, Gyeonggi-do, 12658, Republic of Korea

6. Test method used : FCC 47 CFR Part 15, Subpart B (ANSI C63.4a-2017)

7. 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 : DongYun Lee [인선] 2026/01/30	Name : DaeJung, Choi [차대중] 2026/01/30

2026. 01. 30.

KES Co., Ltd.

**REPORT REVISION HISTORY**

Date	Test Report No.	Revision History
2026. 01. 30.	KES-EM260045	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
Address	473-21, Gayeo-ro, Yeosu-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, 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

1.2 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 B	AC 120 V, 60 Hz

2.2 Summary of Test Results

Regulation			
47 CFR Part 15, Subpart B			
Test Item	Test Standard	Test Result	Remark
Conducted Emissions at Mains Power Ports	ANSI C63.4a-2017	PASS	-
Radiated Emissions(Below 1 GHz)		PASS	-
Radiated Emissions(Above 1 GHz)		PASS	-
* N/A: Not Applicable			

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 Clock frequency		25 MHz
Power	Rated power supply	Charging : DC 5 V, 2 A (USB power) Operation : DC 7.4 V, 800 mAh (Battery)
	Test Power	AC 120 V, 60 Hz
I/O Ports	User port	USB Type-C 1 EA
	Unused/Administrator Port	N/A
function	Product features	Skin Care Device
	Wireless function	Bluetooth
Components		Main body 1 EA , Charging cable 1 EA
Others		N/A



4 EUT Setup and Operation Mode

4.1 EUT Configuration

Product Name	Model Number	Serial Number	Manufacturer	Remarks
Skin Care Device	JTMC200B	-	JLU Co.,Ltd.	EUT
AC/DC Adaptor	ETA-U90KWK	-	DONGGUAN DONGWON ELECTRONICS Co., Ltd.	KCC-REI-HAD-ETA-U90KWK
Smartphone	SM-S901	-	Samsung Electronics Co., Ltd.	-

4.2 System Configuration

Product Name	Model Number	Serial Number	Manufacturer	Remarks
Battery	HY14500-800-2S	-	ShenZhen Huayu New Energy Technology CO., LTD	YU10801-19001



4.3 External I/O Cabling

- Mode 1

Start		End		Cable Spec.	
Product Name	I/O Port	Product Name	I/O Port	Length(m)	Shield
EUT	USB Type-C	AC/DC Adaptor	USB Type-A	1.0	U

- Mode 2, Mode 3

Start		End		Cable Spec.	
Product Name	I/O Port	Product Name	I/O Port	Length(m)	Shield
EUT	Wireless	Smartphone	Wireless	-	-

* Unshielded=U, Shielded=S

4.4 EUT Operating Mode(s)

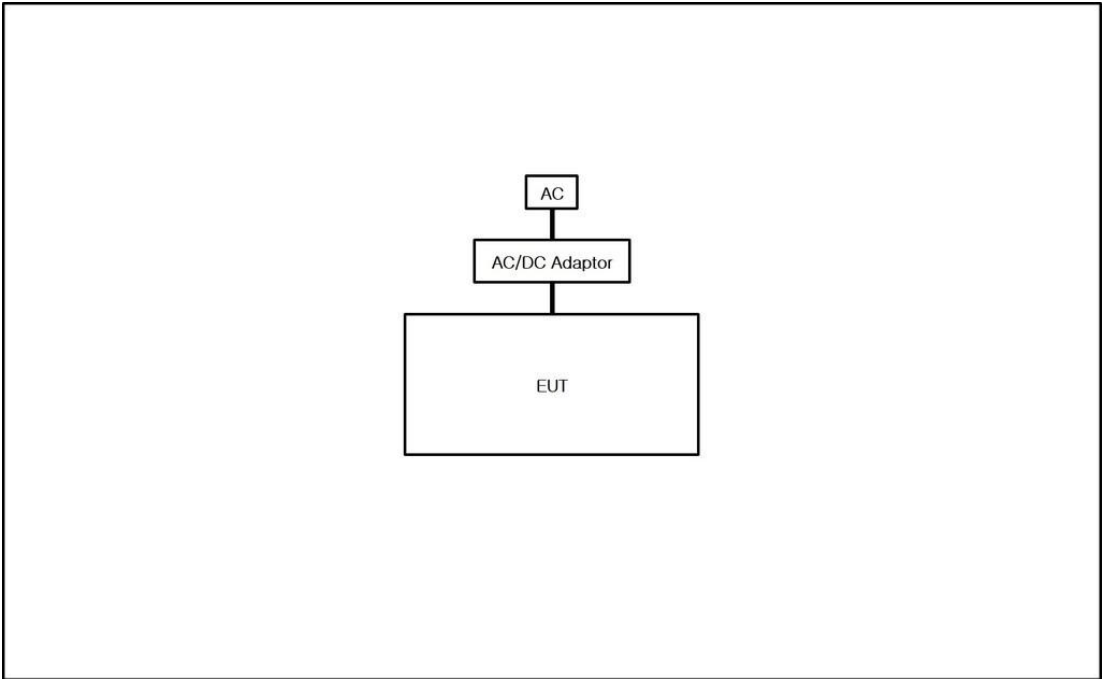
Category	Mode	Operating
Mode 1	Charging	It was tested by checking whether it was charged normally through the display of the test equipment.
Mode 2	Operating 1	After setting the VOLUME mode by pressing the button of the test equipment, the test was performed at the maximum strength. After connecting with the smartphone, the wireless connection status was checked.
Mode 3	Operating 2	After setting the LIFTING mode by pressing the button of the test equipment, the test was performed at the maximum strength. After connecting with the smartphone, the wireless connection status was checked.

4.5 Test operating S/W

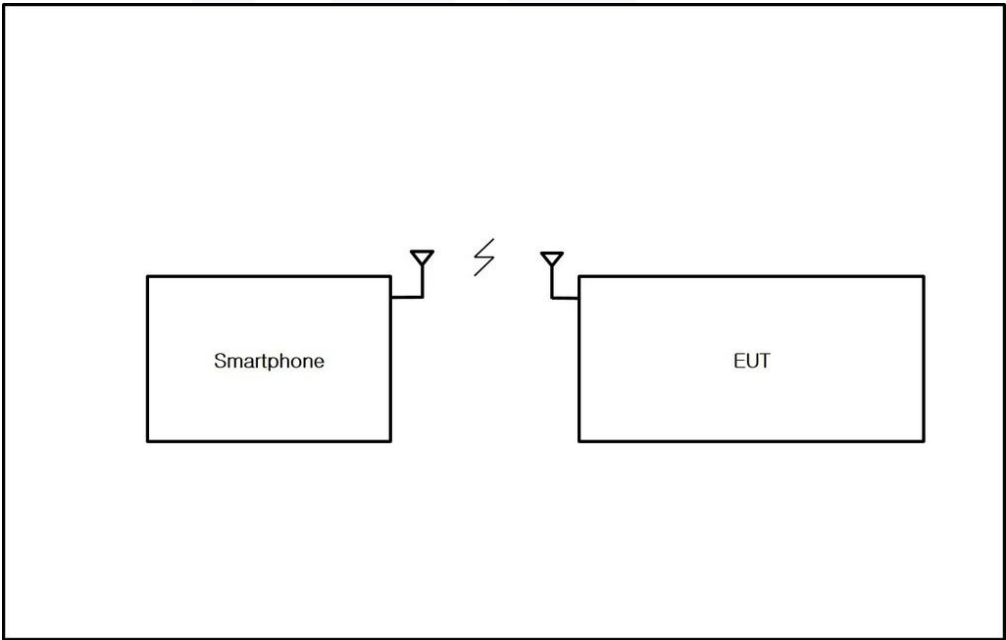
Name	Version	Manufacture Company
-	-	-



4.6 Configuration



Mode 1



EUT – Smartphone : Bluetooth

Mode 2, Mode 3



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 kHz to 30 MHz. 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 GHz at 10 m or 3 m distance and a Peak and Average detector above 1 GHz 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

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

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

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

- Radiated Emissions(Below 1 GHz)

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

$\text{Margin(QP)}[\text{dB}] = \text{Limit}[\text{dB}(\mu\text{V/m})] - \text{Result(QP)} [\text{dB}(\mu\text{V/m})]$

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

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

- Radiated Emissions(Above 1 GHz)

$\text{Result(PK/CAV)} [\text{dB}(\mu\text{V/m})] = (\text{Reading(PK/CAV)}[\text{dB}(\mu\text{V})] + \text{c.f}[\text{dB}(1/\text{m})])$

$\text{Margin(PK/CAV)}[\text{dB}] = \text{Limit}[\text{dB}(\mu\text{V/m})] - \text{Result(PK/CAV)} [\text{dB}(\mu\text{V/m})]$

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

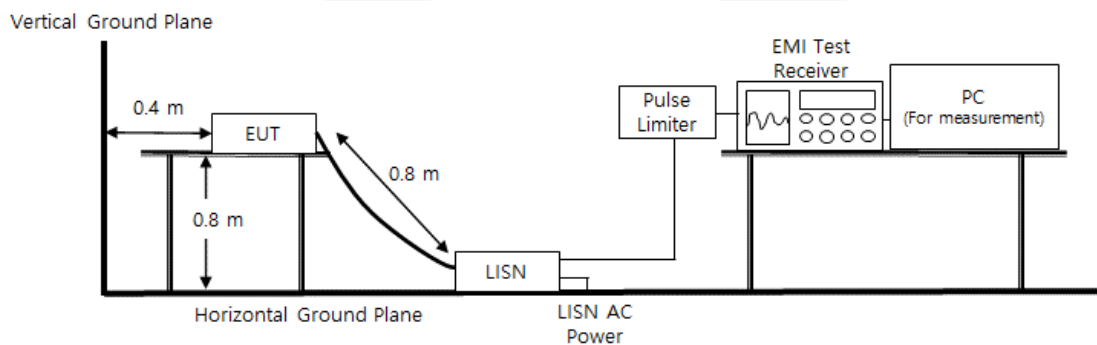
Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SHIELD ROOM #6	-	DYMSTEC	-	-	-	■
EMC32 Measurement Software	EMC32	R&S	9.12.00	-	-	■
EMI TEST RECEIVER	ESR3	Rohde & Schwarz	101783	2025-11-03	2026-11-03	■
LISN	ENV216	Rohde & Schwarz	101787	2025-09-04	2026-09-04	■
PULSE LIMITER	ESH3-Z2	Rohde & Schwarz	101915	2025-11-03	2026-11-03	■
Cable	RG 400	-	-	2025-08-15	2026-02-15	■

6.1.2 Test Location : SHIELD ROOM #6

6.1.3 Test Conditions :

Temperature	Relative Humidity
(21.8 ~ 21.8) °C	(35.6 ~ 35.6) % R.H.

6.1.4 Diagram of test setup



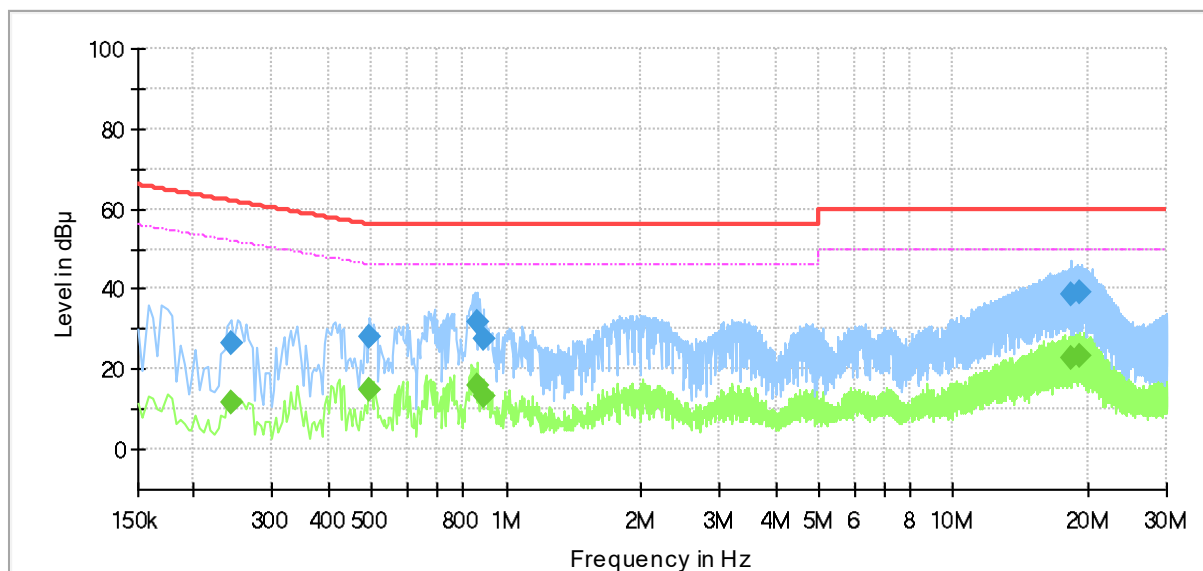


6.1.5 Test Result

- Test Date : 2026-01-14
- Test Mode : Mode 1

Test Report

Test Description: Conducted Emission
Job No.: KES-EM260045
Phase: L
Mode: Mode 1
Operator Name: KES



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Corr. (dB)
0.242000	26.25	---	62.03	35.78	1000.0	9.000	L1	19.6
0.242000	---	11.62	52.03	40.41	1000.0	9.000	L1	19.6
0.494000	---	14.62	46.10	31.48	1000.0	9.000	L1	19.7
0.494000	27.88	---	56.10	28.22	1000.0	9.000	L1	19.7
0.866000	31.80	---	56.00	24.20	1000.0	9.000	L1	19.7
0.866000	---	16.03	46.00	29.97	1000.0	9.000	L1	19.7
0.890000	---	13.05	46.00	32.95	1000.0	9.000	L1	19.7
0.890000	27.73	---	56.00	28.27	1000.0	9.000	L1	19.7
18.386000	38.49	---	60.00	21.51	1000.0	9.000	L1	20.9
18.386000	---	22.71	50.00	27.29	1000.0	9.000	L1	20.9
19.226000	38.94	---	60.00	21.06	1000.0	9.000	L1	20.9
19.226000	---	23.08	50.00	26.92	1000.0	9.000	L1	20.9



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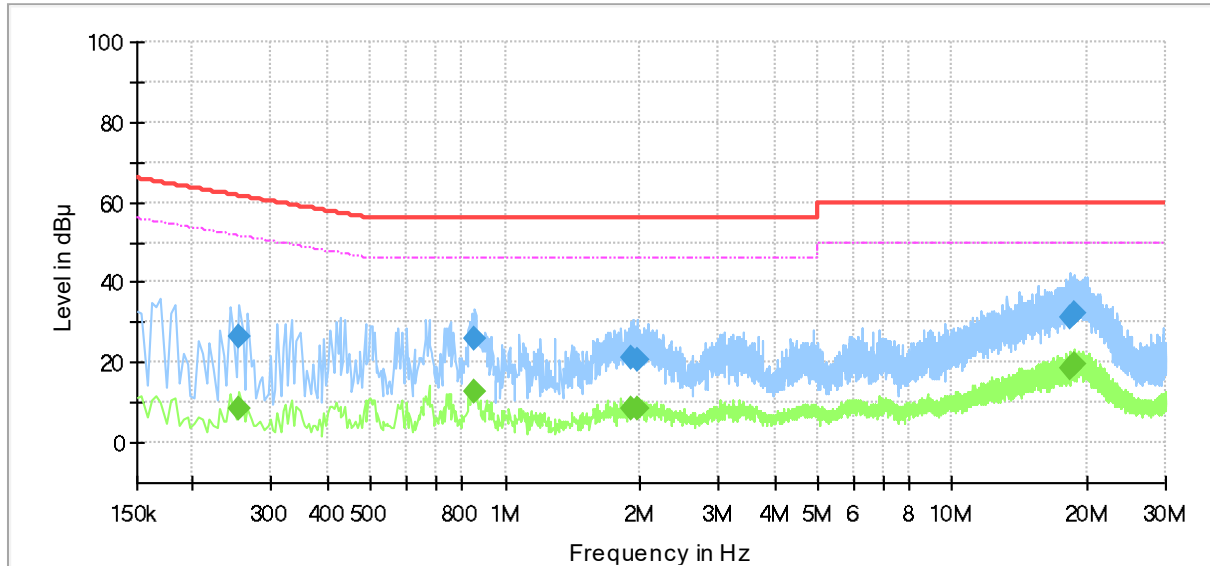
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○ Test Date : 2026-01-14

● Test Mode : Mode 1

Test Report

Test Description: Conducted Emission
Job No.: KES-EM260045
Phase: N
Mode: Mode 1
Operator Name: KES



Final_Result

Frequency (MHz)	QuasiPeak (dB μ V)	CAverage (dB μ V)	Limit (dB μ V)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Corr. (dB)
0.254000	26.65	—	61.63	34.98	1000.0	9.000	N	19.6
0.254000	—	8.72	51.63	42.91	1000.0	9.000	N	19.6
0.854000	—	12.56	46.00	33.44	1000.0	9.000	N	19.7
0.854000	25.93	—	56.00	30.07	1000.0	9.000	N	19.7
1.906000	—	8.58	46.00	37.42	1000.0	9.000	N	19.8
1.906000	20.95	—	56.00	35.05	1000.0	9.000	N	19.8
1.974000	—	8.42	46.00	37.58	1000.0	9.000	N	19.8
1.974000	20.90	—	56.00	35.10	1000.0	9.000	N	19.8
18.254000	—	18.68	50.00	31.32	1000.0	9.000	N	20.9
18.254000	31.14	—	60.00	28.86	1000.0	9.000	N	20.9
18.850000	—	19.48	50.00	30.52	1000.0	9.000	N	21.0
18.850000	32.28	—	60.00	27.72	1000.0	9.000	N	21.0

6.1.6 Remark

Complies with the test requirements.



6.2 Radiated Emissions(Below 1 GHz)

6.2.1 Test Equipment

Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #6	-	SY Corporation	-	-	-	■
ES10/RE Software	ES10/RE	TOYO	2022.01.000	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100517	2025-07-08	2026-07-08	■
AMPLIFIER	310N	SONOMA INSTRUMENT	401123	2025-02-13	2026-02-13	■
TRILOG-BROADBAND ANTENNA	VULB9163	Schwarzbeck	714	2024-04-19	2026-04-19	■
ATTENUATOR	6806.17.A	HUBER+SUHNER	-	2025-02-13	2026-02-13	■
Cable	TCLH21D-SMSM-2.5M 0222	OSI Cable	-	2025-08-15	2026-02-15	■
Cable	TCLH21D-NMNM-10.0M 0222	OSI Cable	-	2025-08-15	2026-02-15	■
Cable	TCLH21D-SMSM-7.0M 0222	OSI Cable	-	2025-08-15	2026-02-15	■

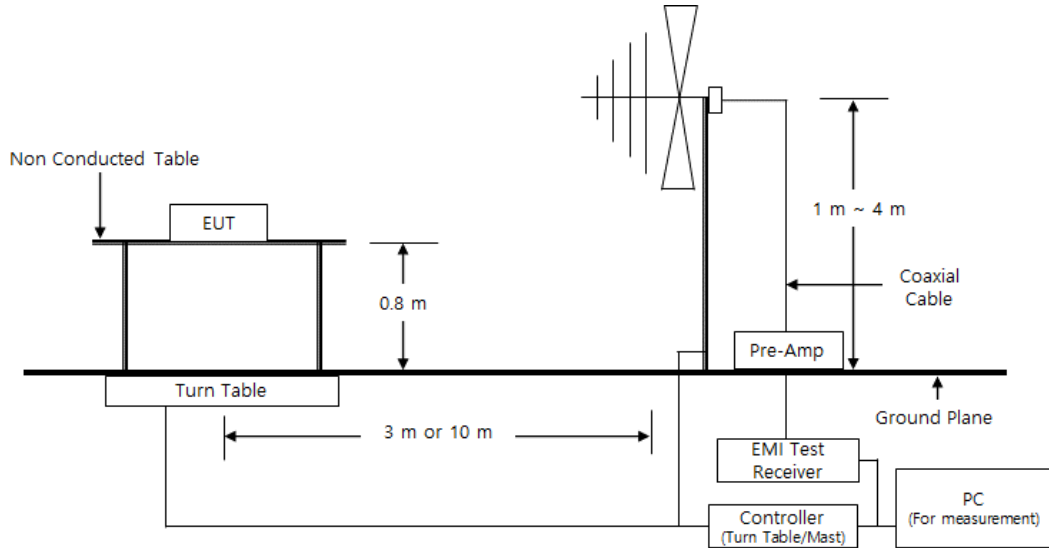
6.2.2 Test Location : SEMI ANECHOIC CHAMBER #6 Measurement Distance : ■ 3 m, □ 10 m

6.2.3 Test Conditions :

Temperature	Relative Humidity
(21.3 ~ 21.7) °C	(32.4 ~ 32.8) % R.H.



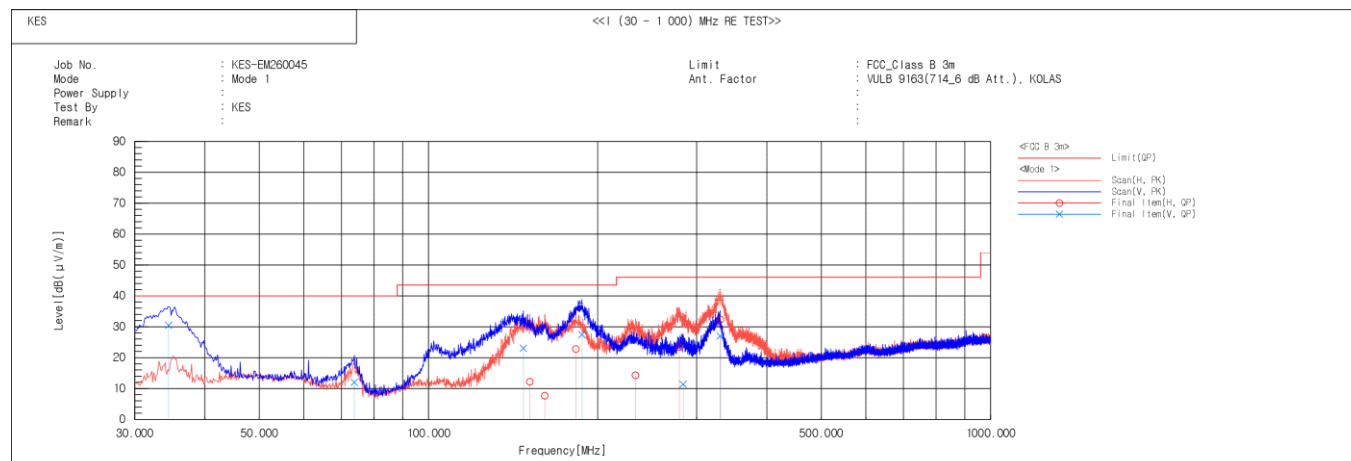
6.2.4 Diagram of test setup





6.2.5 Test Result

- Test Date : 2026-01-21
- Test Mode : Mode 1



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	34.486	V	46.0	-15.5	30.5	40.0	9.5	108.0	277.6	
2	73.771	V	29.5	-17.5	12.0	40.0	28.0	110.0	54.7	
3	147.491	V	40.2	-17.2	23.0	43.5	20.5	105.0	141.6	
4	151.493	H	29.5	-17.3	12.2	43.5	31.3	103.0	282.5	
5	161.071	H	24.2	-16.5	7.7	43.5	35.8	104.0	125.6	
6	182.896	H	37.6	-14.8	22.8	43.5	20.7	201.0	237.6	
7	187.504	V	41.8	-14.4	27.4	43.5	16.1	123.0	29.6	
8	233.458	H	26.7	-12.4	14.3	46.0	31.7	108.0	104.9	
9	279.169	H	34.6	-11.2	23.4	46.0	22.6	130.0	36.2	
10	283.898	V	22.5	-11.1	11.4	46.0	34.6	109.0	299.4	
11	330.215	V	36.3	-9.3	27.0	46.0	19.0	107.0	232.3	
12	330.821	H	41.6	-9.3	32.3	46.0	13.7	219.0	305.3	

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

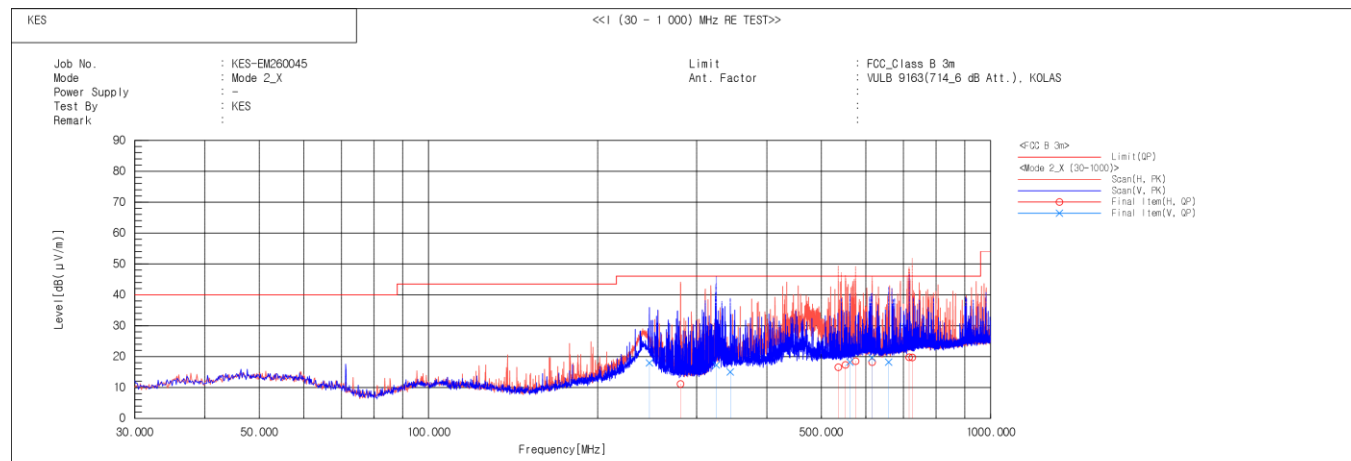


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○ Test Date : 2026-01-21

● Test Mode : Mode 2_X



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	247.159	V	29.9	-12.0	17.9	46.0	28.1	104.0	29.7	
2	280.866	H	22.2	-11.1	11.1	46.0	34.9	205.0	330.3	
3	325.244	V	26.7	-9.5	17.2	46.0	28.8	154.0	162.8	
4	344.401	V	23.7	-8.7	15.0	46.0	31.0	158.0	29.7	
5	536.219	H	21.7	-5.2	16.5	46.0	29.5	203.0	306.3	
6	551.860	H	22.2	-4.9	17.3	46.0	28.7	103.0	1.8	
7	562.288	V	22.8	-4.6	18.2	46.0	27.8	111.0	162.8	
8	575.261	H	22.8	-4.3	18.5	46.0	27.5	210.0	40.3	
9	615.395	V	23.0	-3.4	19.6	46.0	26.4	153.0	162.8	
10	616.001	H	21.6	-3.4	18.2	46.0	27.8	215.0	216.3	
11	658.803	V	21.2	-3.0	18.2	46.0	27.8	159.0	96.5	
12	716.518	H	21.9	-2.1	19.8	46.0	26.2	209.0	282.9	
13	726.096	H	21.6	-1.9	19.7	46.0	26.3	208.0	216.3	

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

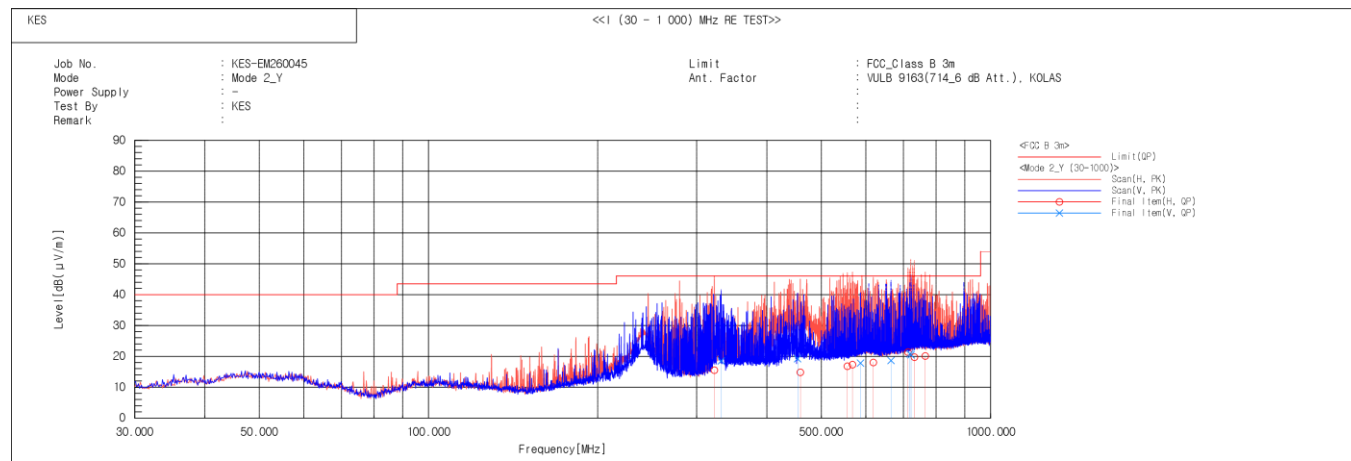


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● Test Mode : Mode 2_Y



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	322.576	H	25.2	-9.7	15.5	46.0	30.5	210.0	61.9	
2	331.791	V	27.8	-9.3	18.5	46.0	27.5	109.0	213.4	
3	453.526	V	26.3	-7.1	19.2	46.0	26.8	113.0	167.4	
4	458.983	H	21.8	-7.0	14.8	46.0	31.2	205.0	283.2	
5	556.104	H	21.6	-4.8	16.8	46.0	29.2	207.0	84.0	
6	567.865	H	21.8	-4.5	17.3	46.0	28.7	203.0	239.3	
7	587.023	V	21.7	-3.9	17.8	46.0	28.2	156.0	29.8	
8	618.669	H	21.4	-3.4	18.0	46.0	28.0	201.0	261.5	
9	665.108	V	21.5	-2.9	18.6	46.0	27.4	104.0	145.1	
10	713.123	H	23.6	-2.2	21.4	46.0	24.6	214.0	324.0	
11	718.700	V	22.9	-2.1	20.8	46.0	25.2	163.0	145.1	
12	722.580	V	22.5	-2.0	20.5	46.0	25.5	101.0	29.8	
13	732.038	H	21.4	-1.7	19.7	46.0	26.3	226.0	107.2	
14	765.381	H	21.3	-1.2	20.1	46.0	25.9	208.0	197.7	

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

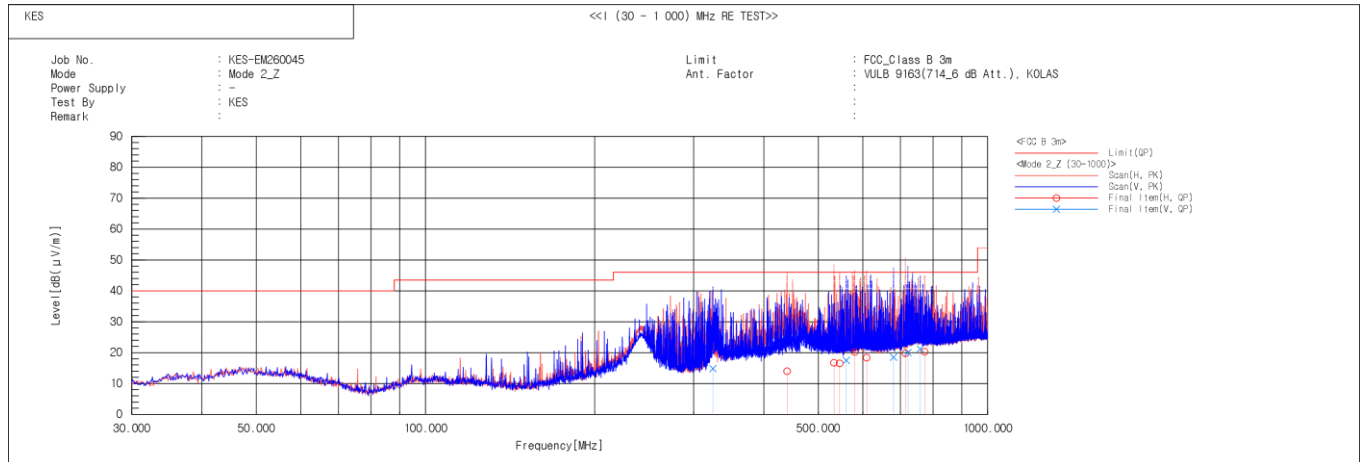


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○ Test Date : 2026-01-21

● Test Mode : Mode 2_Z



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	324.638	V	24.4	-9.6	14.8	46.0	31.2	109.0	36.1	
2	439.825	H	21.4	-7.4	14.0	46.0	32.0	202.0	84.4	
3	533.066	H	21.9	-5.2	16.7	46.0	29.3	208.0	130.2	
4	545.555	H	21.6	-5.1	16.5	46.0	29.5	103.0	285.2	
5	560.711	V	22.2	-4.7	17.5	46.0	28.5	104.0	54.7	
6	580.596	H	24.3	-4.1	20.2	46.0	25.8	207.0	2.3	
7	609.333	H	21.9	-3.5	18.4	46.0	27.6	201.0	84.4	
8	680.506	V	21.3	-2.8	18.5	46.0	27.5	158.0	0.0	
9	714.093	H	22.0	-2.2	19.8	46.0	26.2	206.0	308.9	
10	721.974	V	22.0	-2.0	20.0	46.0	26.0	106.0	145.2	
11	759.076	V	22.4	-1.2	21.2	46.0	24.8	162.0	166.6	
12	772.656	H	21.5	-1.2	20.3	46.0	25.7	218.0	0.0	

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

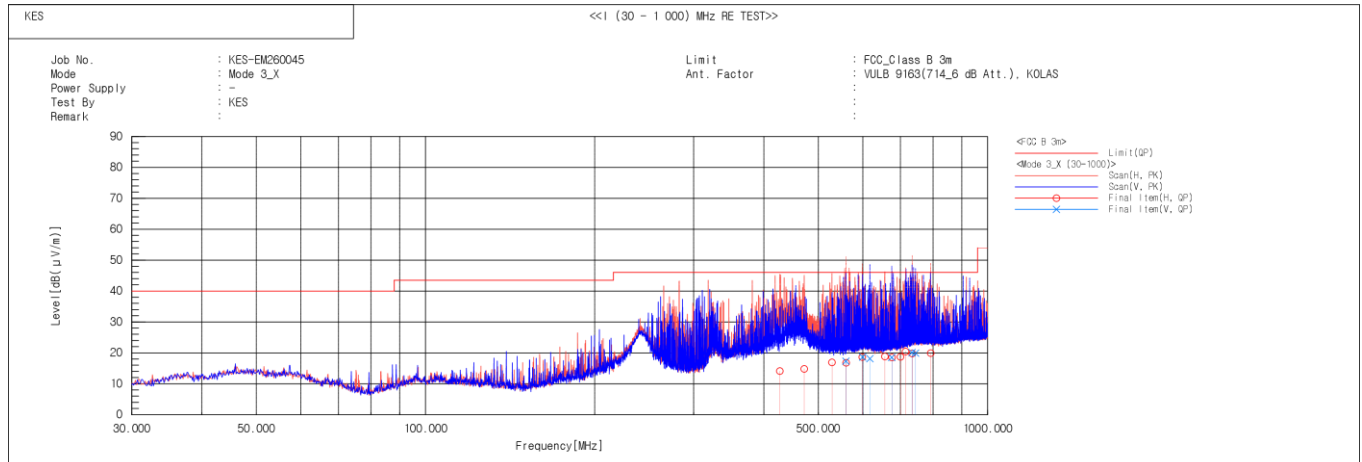


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○ Test Date : 2026-01-21

● Test Mode : Mode 3_X



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	427.094	H	21.7	-7.6	14.1	46.0	31.9	208.0	324.0	
2	471.956	H	21.4	-6.6	14.8	46.0	31.2	203.0	305.7	
3	528.944	H	22.2	-5.3	16.9	46.0	29.1	209.0	283.1	
4	559.863	V	22.0	-4.7	17.3	46.0	28.7	153.0	208.5	
5	560.469	H	21.5	-4.7	16.8	46.0	29.2	207.0	3.5	
6	598.541	H	22.2	-3.6	18.6	46.0	27.4	210.0	283.1	
7	599.390	V	22.2	-3.6	18.6	46.0	27.4	158.0	118.3	
8	617.699	V	21.5	-3.4	18.1	46.0	27.9	102.0	208.5	
9	656.620	H	21.8	-3.0	18.8	46.0	27.2	201.0	283.1	
10	675.778	V	21.3	-2.8	18.5	46.0	27.5	108.0	208.5	
11	676.384	H	21.3	-2.8	18.5	46.0	27.5	205.0	174.1	
12	699.906	H	21.3	-2.6	18.7	46.0	27.3	211.0	305.7	
13	714.699	H	22.6	-2.2	20.4	46.0	25.6	214.0	283.1	
14	733.856	V	21.8	-1.7	20.1	46.0	25.9	154.0	208.5	
15	734.705	H	21.4	-1.6	19.8	46.0	26.2	202.0	0.0	
16	744.890	V	21.3	-1.4	19.9	46.0	26.1	107.0	165.8	
17	792.663	H	21.0	-1.1	19.9	46.0	26.1	207.0	18.9	

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

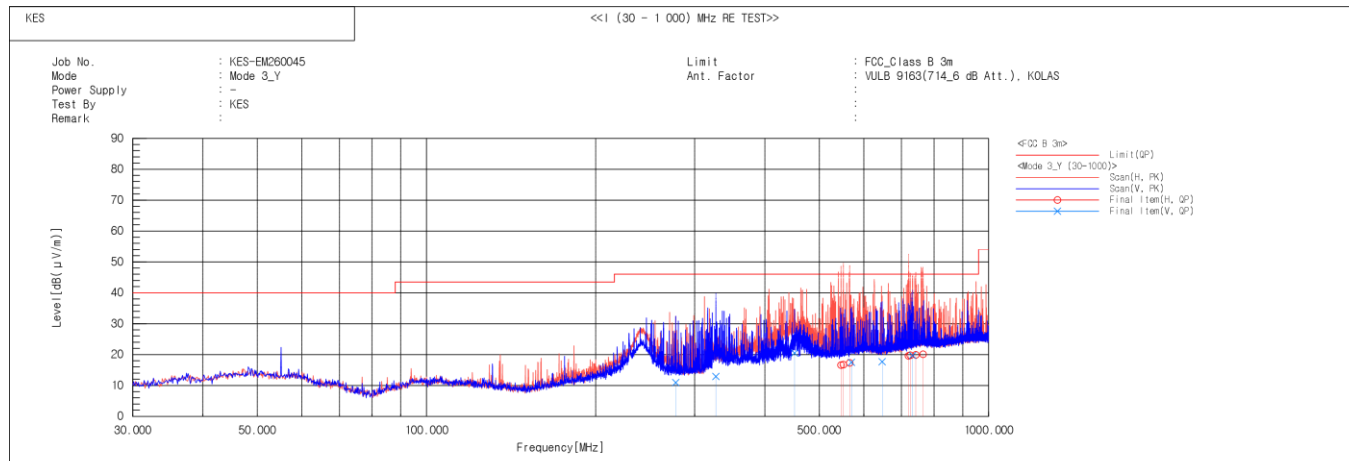


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○ Test Date : 2026-01-21

● Test Mode : Mode 3_Y



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	277.714	V	22.1	-11.2	10.9	46.0	35.1	160.0	119.0	
2	327.305	V	22.4	-9.5	12.9	46.0	33.1	119.0	209.1	
3	451.829	V	27.7	-7.2	20.5	46.0	25.5	105.0	140.1	
4	546.646	H	21.6	-5.0	16.6	46.0	29.4	207.0	85.0	
5	551.860	H	21.6	-4.9	16.7	46.0	29.3	204.0	305.3	
6	566.046	H	21.8	-4.5	17.3	46.0	28.7	209.0	85.0	
7	570.411	V	21.9	-4.4	17.5	46.0	28.5	204.0	250.9	
8	646.678	V	20.8	-3.1	17.7	46.0	28.3	113.0	163.7	
9	720.519	H	21.6	-2.0	19.6	46.0	26.4	212.0	305.3	
10	725.854	H	21.7	-1.9	19.8	46.0	26.2	206.0	172.8	
11	732.886	V	21.4	-1.7	19.7	46.0	26.3	158.0	0.0	
12	742.586	H	21.3	-1.4	19.9	46.0	26.1	215.0	238.2	
13	765.139	H	21.3	-1.2	20.1	46.0	25.9	218.0	129.0	

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

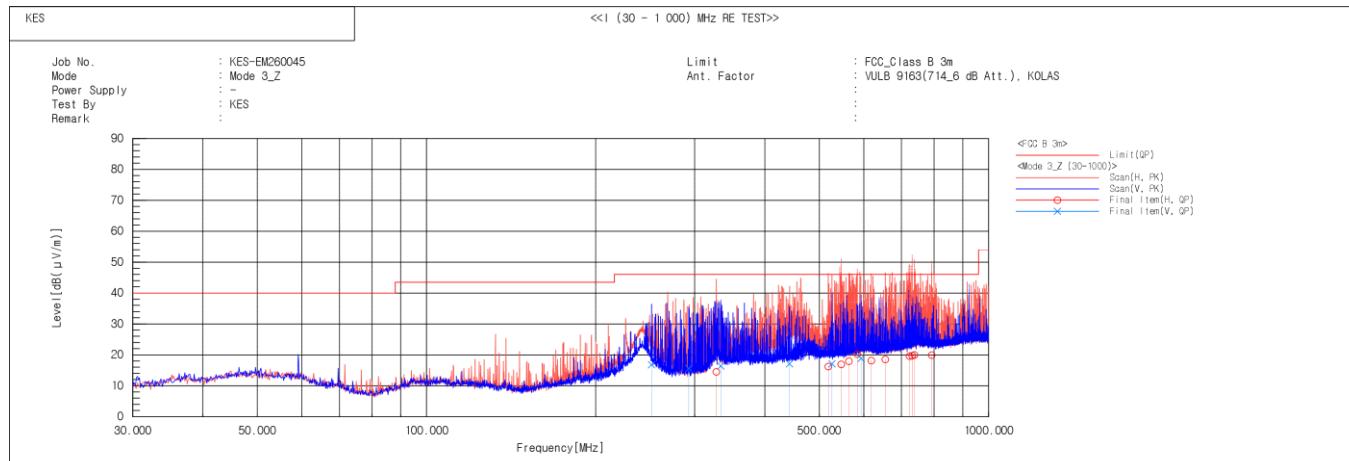


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○ Test Date : 2026-01-21

● Test Mode : Mode 3_Z



Final Result

No.	Frequency [MHz]	Pol	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	Remark
1	251.524	V	28.7	-11.9	16.8	46.0	29.2	103.0	0.0	
2	292.870	V	26.4	-10.8	15.6	46.0	30.4	106.0	35.9	
3	327.790	H	23.9	-9.4	14.5	46.0	31.5	208.0	307.6	
4	333.974	V	25.6	-9.2	16.4	46.0	29.6	108.0	143.8	
5	442.371	V	24.4	-7.3	17.1	46.0	28.9	152.0	278.0	
6	518.516	H	21.6	-5.4	16.2	46.0	29.8	203.0	285.9	
7	526.761	V	22.4	-5.3	17.1	46.0	28.9	109.0	97.3	
8	547.010	H	21.9	-5.0	16.9	46.0	29.1	216.0	307.6	
9	564.470	H	22.5	-4.6	17.9	46.0	28.1	197.0	108.1	
10	584.234	H	24.2	-4.0	20.2	46.0	25.8	110.0	264.8	
11	593.570	V	22.5	-3.7	18.8	46.0	27.2	117.0	165.4	
12	618.548	H	21.5	-3.4	18.1	46.0	27.9	207.0	307.6	
13	655.286	H	21.6	-3.1	18.5	46.0	27.5	213.0	174.3	
14	723.671	H	21.5	-1.9	19.6	46.0	26.4	101.0	151.0	
15	731.916	H	21.4	-1.7	19.7	46.0	26.3	187.0	196.2	
16	738.464	H	21.5	-1.5	20.0	46.0	26.0	215.0	41.4	
17	792.663	H	21.0	-1.1	19.9	46.0	26.1	207.0	128.6	

※ 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.

Mode 2, Mode 3 : The fundamental of the EUT was investigated in thre orthogonal orientations X, Y and Z.



6.3 Radiated Emissions(Above 1 GHz)

6.3.1 Test Equipment

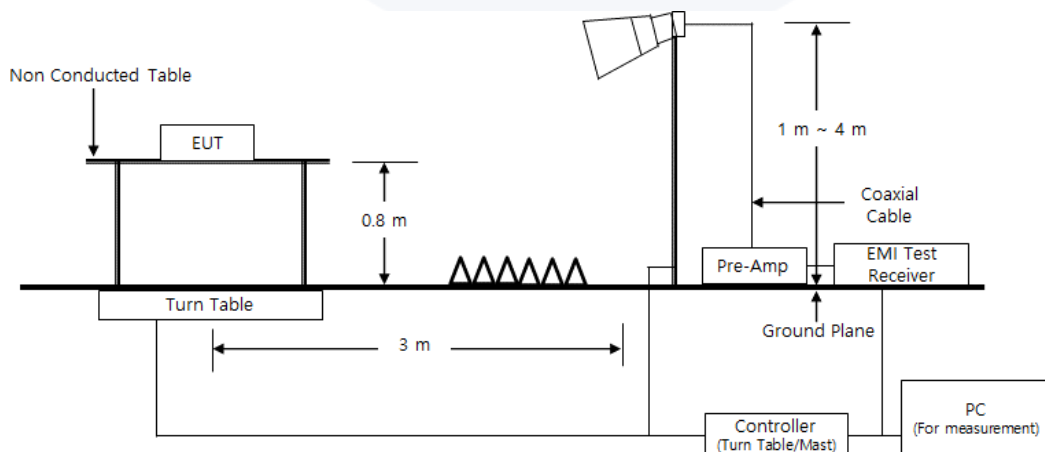
Equipment Name	Model Number	Manufacturer	Serial No.	Cal. Date	Next Cal. Date	Used
SEMI ANECHOIC CHAMBER #5	-	SY Corporation	-	-	-	■
ES10/RE Software	ES10/RE	TOYO	2022.01.000	-	-	■
EMI TEST RECEIVER	ESU26	Rohde & Schwarz	100552	2025-02-13	2026-02-13	■
PREAMPLIFIER	8449B	HP	3008A00538	2025-04-30	2026-04-30	■
ATTENUATOR	8491B	HP	23094	2025-02-13	2026-02-13	■
HORN ANTENNA	BBHA 9120D	SCHWARZBEC K	9120D-1802	2025-11-05	2026-11-05	■
Cable	SUCOFLEX106	HUBER_SUHNE R	-	2026-01-25	2026-07-25	■
Cable	LH21D/2Xsma(m)	OSI Cable	-	2026-01-25	2026-07-25	■
Cable	SUCOFLEX106	HUBER_SUHNE R	-	2026-01-25	2026-07-25	■

6.3.2 Test Location : SEMI ANECHOIC CHAMBER #5

6.3.3 Test Conditions :

Temperature	Relative Humidity
(21.8 ~ 22.2) °C	(36.2 ~ 36.6) % R.H.

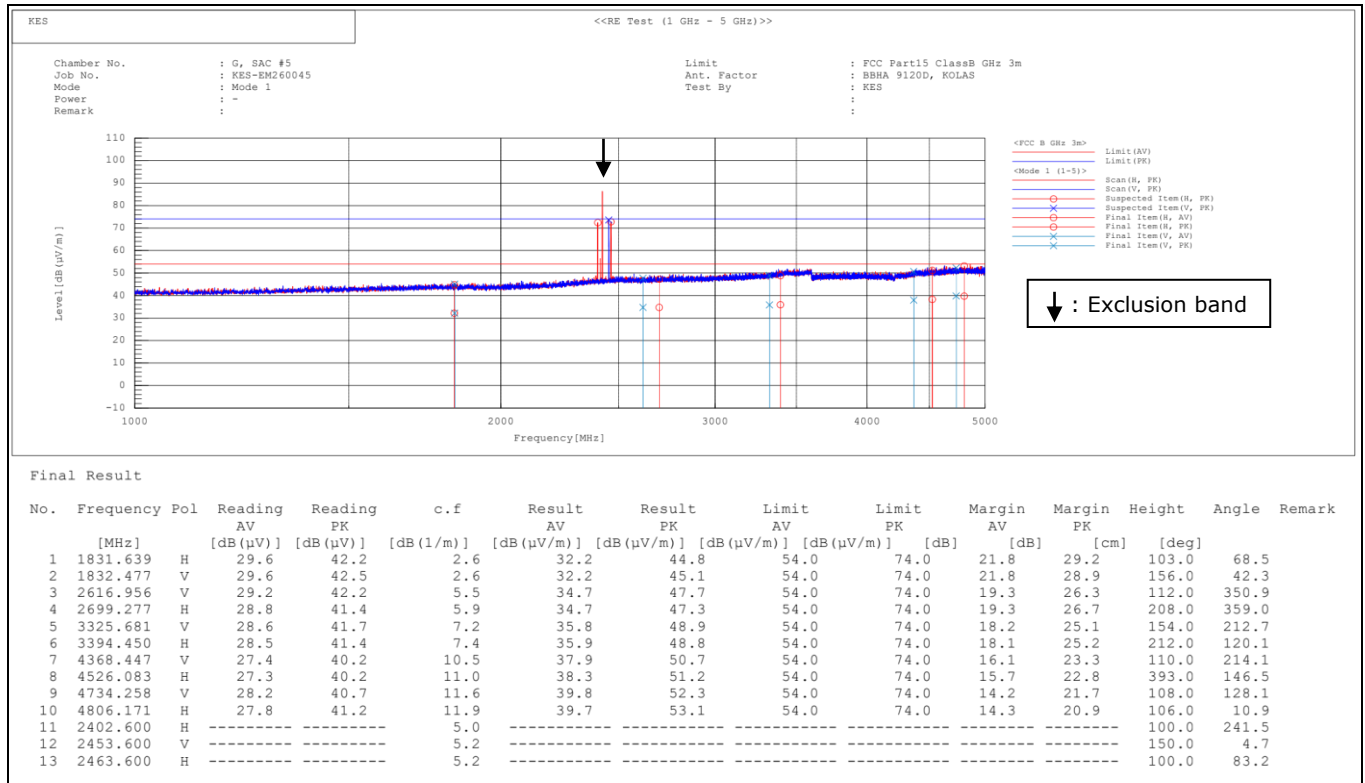
6.3.4 Diagram of test setup





6.3.5 Test Result

- Test Date : 2026-01-16
- Test Mode : Mode 1



※ 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.



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○ Test Date : 2026-01-16

● Test Mode : Mode 1

(5 ~ 12.4) 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)
6 692.420	34.300	V	1.000	34.990	10.080	34.780	44.590	74.000	29.410
6 842.520	33.200	H	1.000	35.680	9.840	34.720	44.000	74.000	30.000

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)
6 692.420	26.900	V	1.000	34.990	10.080	34.780	37.190	54.000	16.810
6 842.520	26.100	H	1.000	35.680	9.840	34.720	36.900	54.000	17.100

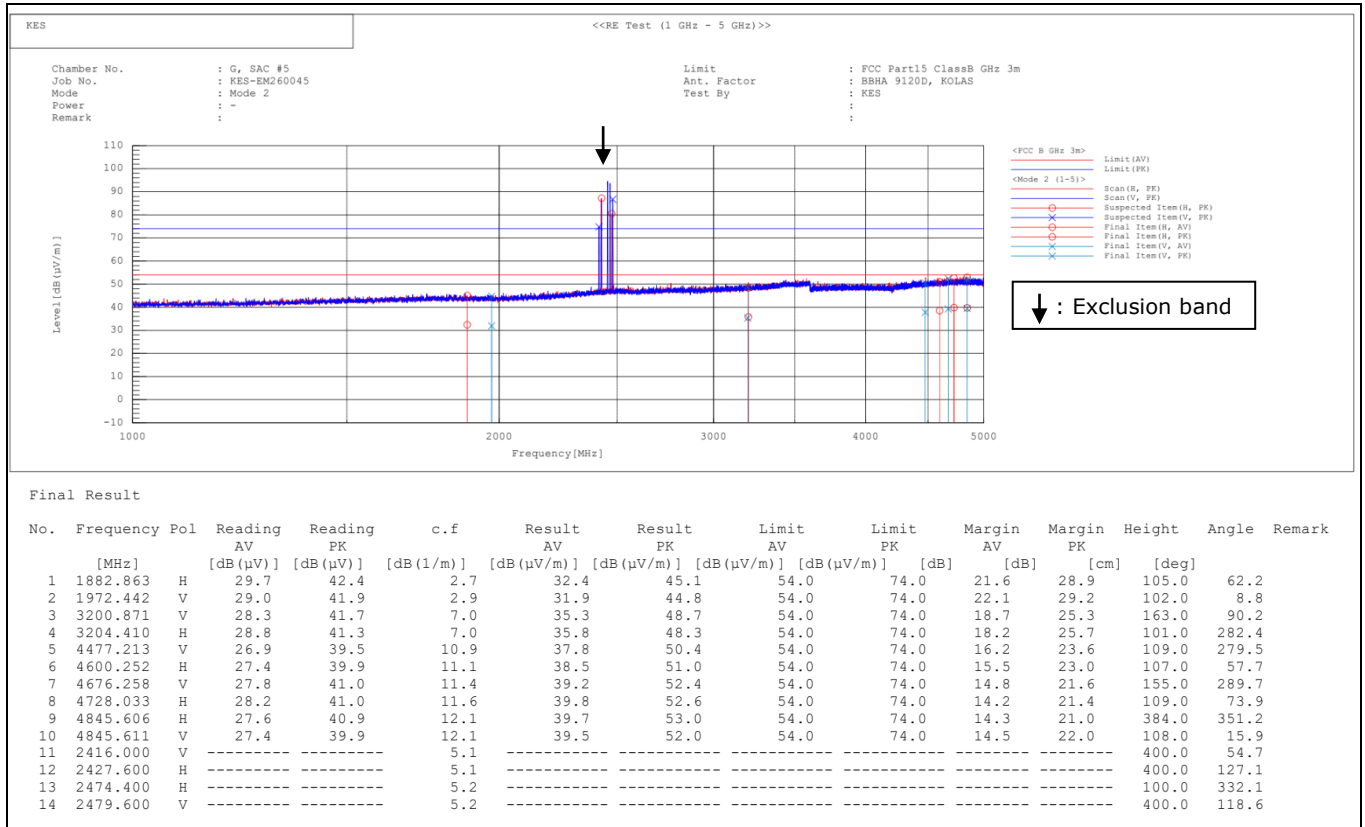
※ No spurious emission were detected above 12.4 GHz



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- Test Date : 2026-01-16
- Test Mode : Mode 2



※ 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.



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○ Test Date : 2026-01-16

● Test Mode : Mode 2

(5 ~ 12.4) 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)
6 814.870	33.300	H	1.000	35.550	9.840	34.730	43.960	74.000	30.040
6 878.540	33.600	V	1.000	35.840	9.820	34.700	44.560	74.000	29.440

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)
6 814.870	26.100	H	1.000	35.550	9.840	34.730	36.760	54.000	17.240
6 878.540	26.300	V	1.000	35.840	9.820	34.700	37.260	54.000	16.740

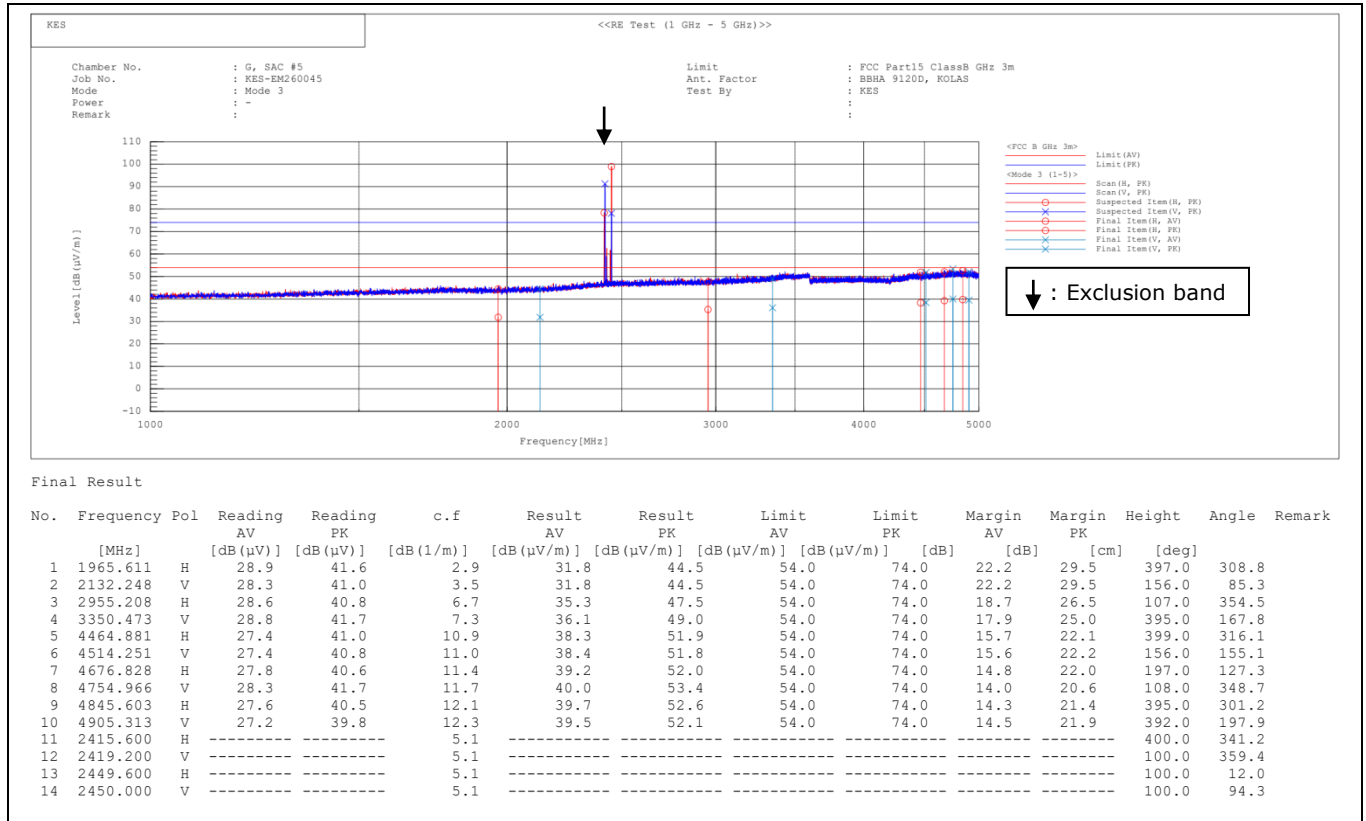
※ No spurious emission were detected above 12.4 GHz



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- Test Date : 2026-01-16
- Test Mode : Mode 3



- ※ 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 : 2026-01-16

● Test Mode : Mode 3

(5 ~ 12.4) 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)
6 630.220	33.000	H	1.000	34.700	9.970	34.810	42.860	74.000	31.140
6 719.900	33.400	V	1.000	35.110	10.130	34.770	43.870	74.000	30.130

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)
6 630.220	26.000	H	1.000	34.700	9.970	34.810	35.860	54.000	18.140
6 719.900	26.300	V	1.000	35.110	10.130	34.770	36.770	54.000	17.230

※ No spurious emission were detected above 12.4 GHz

6.3.6 Remark

Complies with the test requirements.

Mode 1, Mode 2, Mode 3 : (2 402 ~ 2 480) MHz (Exclusion band)

Mode 2, Mode 3 : it was determined that Y orientation was worst-case orientation; therefore, al final radiated testing was performed with the EUT in Y orientation.



7 Test Setup Photos and EUT Photographs

7.1 Test Setup Photos



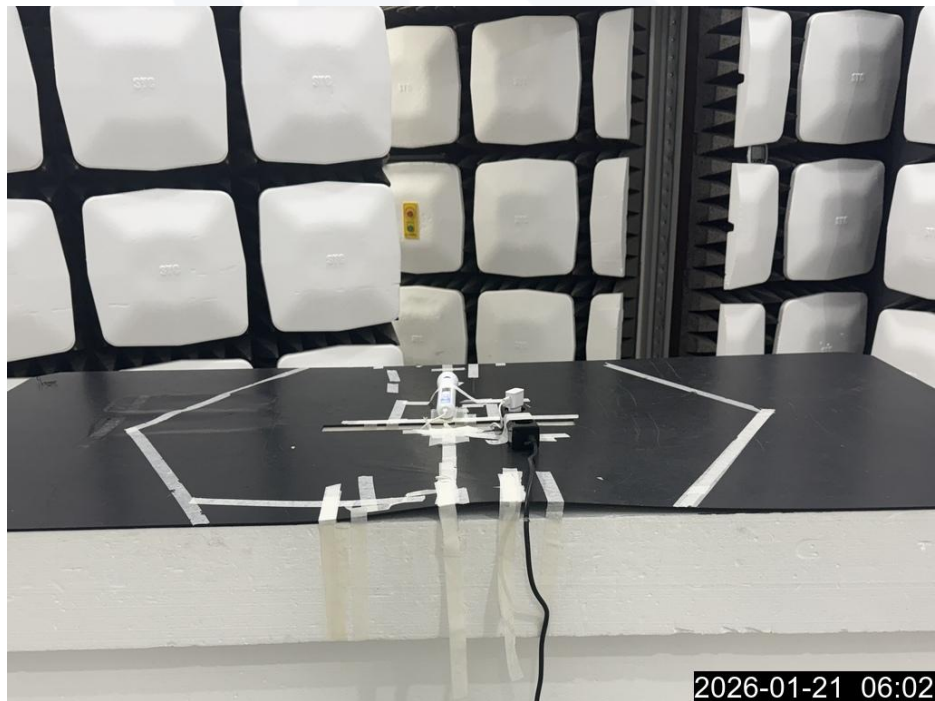
<Conducted Emissions at Mains Power Ports - Front> Mode 1



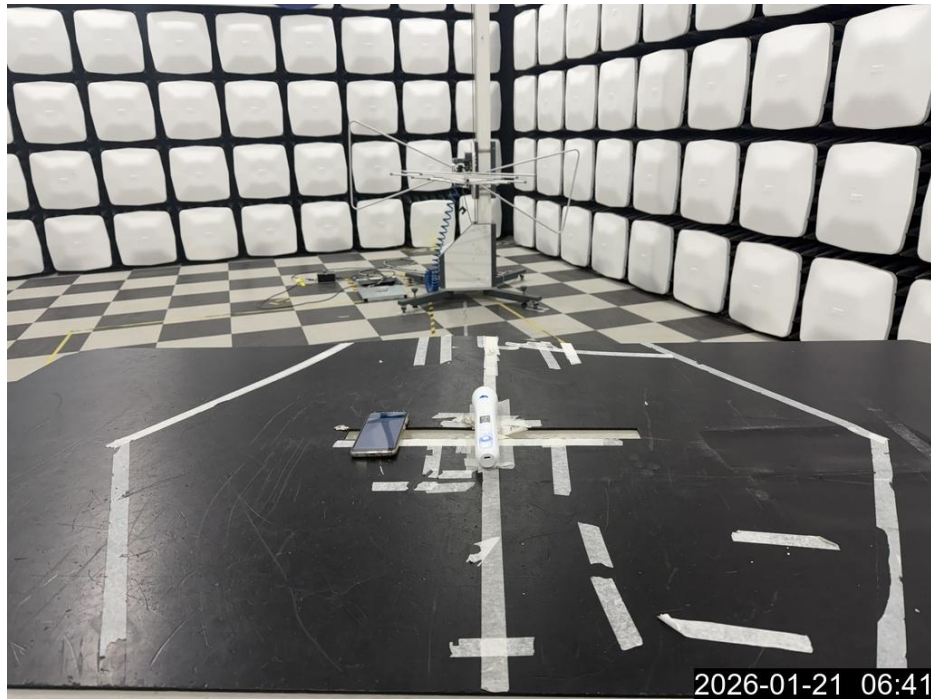
<Conducted Emissions at Mains Power Ports - Rear> Mode 1



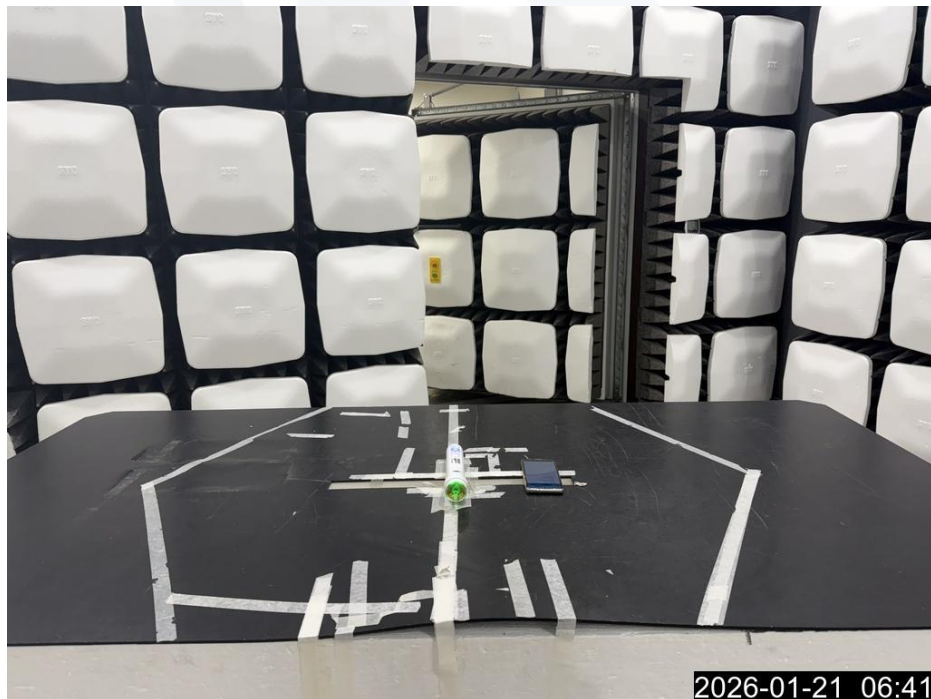
<Radiated Emissions(Below 1 GHz) - Front> Mode 1



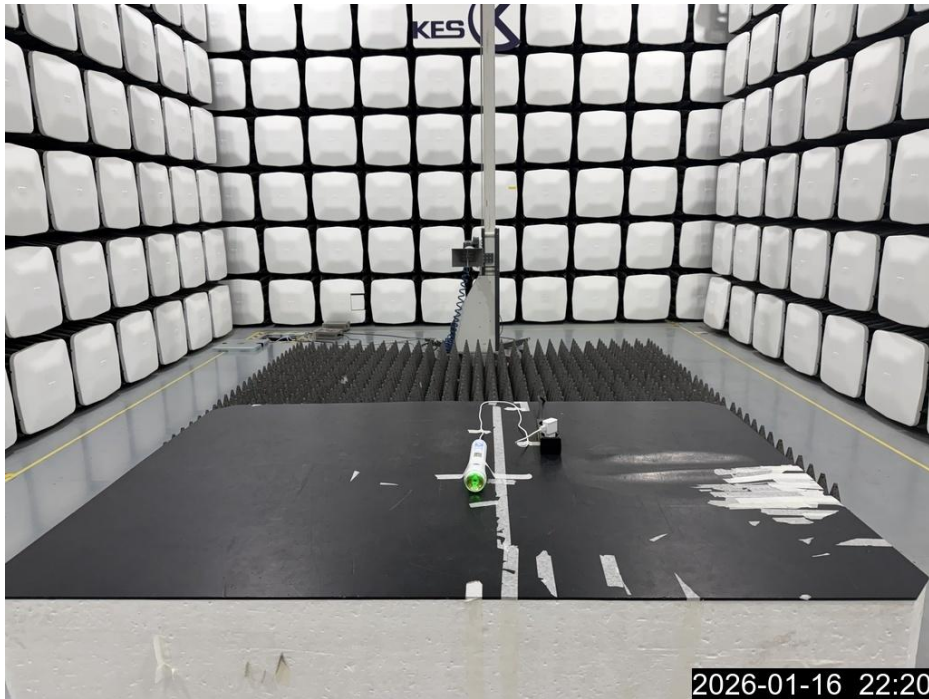
<Radiated Emissions(Below 1 GHz) - Rear> Mode 1



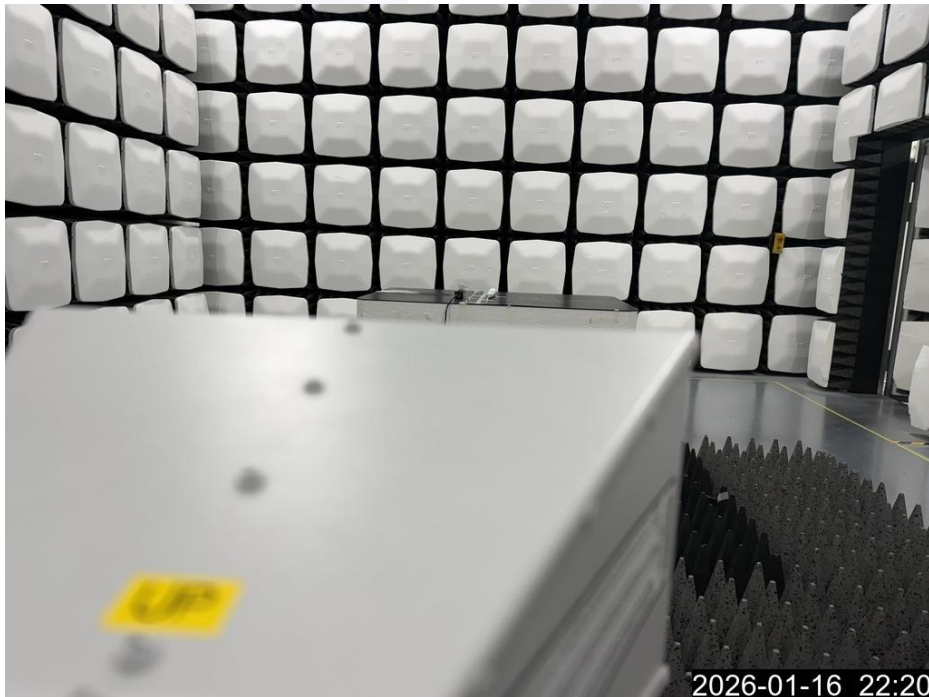
<Radiated Emissions(Below 1 GHz) - Front> Mode 2, Mode 3



<Radiated Emissions(Below 1 GHz) - Rear> Mode 2, Mode 3



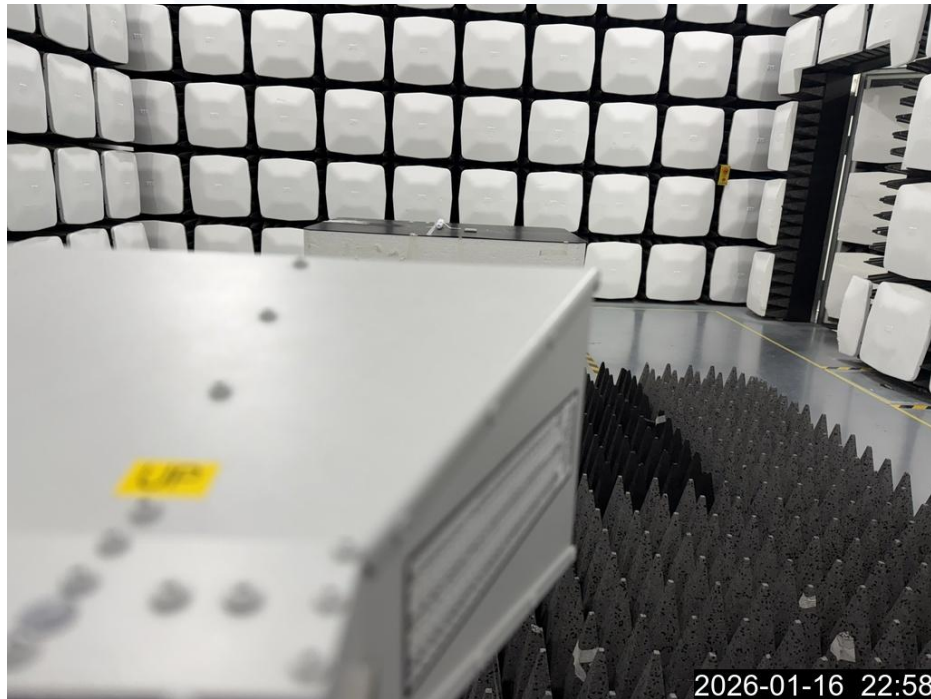
<Radiated Emissions(Above 1 GHz) - Front> Mode 1



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



<Radiated Emissions(Above 1 GHz) - Front> Mode 2, Mode 3



<Radiated Emissions(Above 1 GHz) - Rear> Mode 2, Mode 3

The End.