

TEST REPORT

EMC Test for DNS-EB70

APPLICANT
D&Shine Co. Ltd.

REPORT NO.
HCT-EM-2606-FC001

DATE OF ISSUE
June 9, 2026

Tested by
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TEST REPORT

FCC Certification

REPORT NO.

HCT-EM-2606-FC001

DATE OF ISSUE

June 09, 2026

FCC ID.

2BUPW-EB70

Applicant

D&Shine Co. Ltd.

B-B134, 140 Tongil-ro, Deogyang-gu, Goyang-si, Gyeonggi-do,
10594, Republic of Korea

Product Name

Self-Diagnostic Emergency Bell

Model Name

DNS-EB70

Date of Test

May 28, 2026 to May 29, 2026

Location of Test

☒ Permanent Testing Lab

☐ On Site Testing Lab

(Address: See clause 1.2)

Test Standard Used

FCC CFR 47 PART 15 Subpart B Class A
ANSI C63.4-2014

Test Results

Refer to this document

Manufacturer

D&Shine Co. Ltd.

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	June 09, 2026	Initial Release

Notice

Content

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

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

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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1. TESTING LABORATORY

1.1 General Information

Organization Name	HCT Co., Ltd.
Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Telephone	+82 31 645 6300
FAX	+82 31 645 6401

1.2 Location of the Test Site

The test site is located at the following address.;

Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Telephone	+82 31 645 6300
FAX	+82 31 645 6401

2. GENERAL INFORMATION

2.1 Description of EUT

FCC ID.	2BUPW-EB70
Product Name	Self-Diagnostic Emergency Bell
Model Name	DNS-EB70
Frequency Range	RF Receiver Module : 447.9 MHz (Rx only) LTE B2 : (Tx) 1850 MHz ~ 1910 MHz / (Rx) 1930 MHz ~ 1990 MHz LTE B4 : (Tx) 1710 MHz ~ 1755 MHz / (Rx) 2110 MHz ~ 2155 MHz LTE B12 : (Tx) 699 MHz ~ 716 MHz / (Rx) 728 MHz ~ 746 MHz Wi-Fi 2.4 GHz : 2 412 MHz ~ 2 462 MHz
Rated Power	Rating: DC 12 V, 1.8 A
Manufacturer	D&Shine Co. Ltd.

- This product uses built-in battery as power source. (Li-ion battery 3.7 V * 1 EA)

2.2 Debug Information



At the request of the manufacturer, A ferrite Bead is attached on the cable.

2.3 Power Source

During the test, the following power supply levels are utilized/provided.;

- AC 120 V, 60 Hz

2.4 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Device Type	Model Name	Serial Number	Manufacturer	Note
Self-Diagnostic Emergency Bell	DNS-EB70	-	D&Shine Co. Ltd.	EUT
Adapter	DZ024FTL120200K	-	Guangdong Keerda Electronics Co., Ltd	a)
Warning Light	S80ADR	230718	Qlight CO.,LTD.	
Debug Jig Board	-	-	D&Shine Co. Ltd.	
Notebook PC	NT551EBE	-	Samsung	
Notebook PC Adapter	PA-1400-96	-	LITE-ON Technology Chanzhou Co.,Ltd	

- a) The AC adapter is not included in the box with the EUT.
INPUT: 100~240 VAC, 50/60 Hz, 0.8 A
OUTPUT: 12.0 VDC, 2.0 A

2.5 Cable Description

Charging + USB-C Communication mode

Product Name	Port		Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	9 pin	-	Y	Y	(P,D) 2.2
		2 pin	N/A	N	(D) 2.7
		DC IN	N	N/A	(P) 1.5
	USB Type C		N/A	N/A	-
	SIM Slot		N/A	N/A	-
Debug Jig Board	Micro USB		N/A	Y	(D) 1.0

(D) Data cable, (P) Power cable

USB-C Communication mode

Product Name	Port		Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	9 pin	-	Y	Y	(P,D) 2.2
		2 pin	N/A	N	(D) 2.7
	USB Type C		N/A	N/A	-
	SIM Slot		N/A	N/A	-
Debug Jig Board	Micro USB		N/A	Y	(D) 1.0

(D) Data cable, (P) Power cable

2.6 Noise Suppression Parts on Cable (I/O Cable)

Charging + USB-C Communication mode

Product Name	Port		Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	9 pin	-	Y	EUT End	Y	EUT End
		2 pin	N	N/A	N	N/A
		DC IN	N	N/A	Y	EUT End
	USB Type C		N	N/A	Y	Both End
	SIM Slot		N/A	N/A	N/A	N/A
Debug Jig Board	Micro USB		N	N/A	Y	Both End

USB-C Communication mode

Product Name	Port		Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	9 pin	-	Y	EUT End	Y	EUT End
		2 pin	N	N/A	N	N/A
	USB Type C		N	N/A	Y	Both End
	SIM Slot		N/A	N/A	N/A	N/A
Debug Jig Board	Micro USB		N	N/A	Y	Both End

3. DESCRIPTION OF TEST

3.1 Measurement of Conducted Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 7.3

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).

If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).

Other support units were connected to the power mains through another LISN.

The two LISNs provide $50\ \Omega$ / $50\ \mu\text{H}$ of coupling impedance for the measuring instrument.

b. Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.

c. The frequency ranges from 150 kHz to 30 MHz was searched.

Conducted Emission Limits

Frequency (MHz)	Class A Quasi-Peak (dB μ V)	Class A Average (dB μ V)	Class B Quasi-Peak (dB μ V)	Class B Average (dB μ V)
0.15 to 0.5	79	66	66 to 56*	56 to 46*
0.5 to 5	73	60	56	46
5 to 30	73	60	60	50

NOTE. The more stringent limit applies at transition frequencies.

[*] The limit level in dB μ V decreases linearly with the logarithm of frequency.

3.2 Antenna Conducted Power Measurements

The test procedure was in accordance with ANSI C63.4-2014, Clause 12.2.6.

Antenna-conducted power measurements shall be performed on each broadcast reception tuner input in accordance with the requirements of the applicable regulatory authority. For example, see 47 CFR paragraph 15.111 and ANSI C63.4 paragraph 12.1.5 and Appendix H5 (test method) with the following clarifications:

- a. With the TV tuned to each channel [e.g., channel 2 to channel 69], the level of the local oscillator frequency and the second harmonic shall be measured and recorded for each tuner.
- b. Antenna-conducted power measurements shall be performed with the EUT antenna terminals connected directly to either a spectrum analyzer or another measurement instrument conforming to ANSI C63.2 or CISPR 16-1 or the latest revision thereof, if the antenna impedance matches the impedance of the measuring instrument.

Otherwise, use a balun or impedance-matching network to connect the measuring instrument to the antenna terminals of the EUT. Manufacturer-supplied interconnect cabling or wiring shall be used, or if none is supplied, the cable shall be commercially available and a maximum of 2 m in length. Losses in decibels in any balun or impedance-matching network used shall be added to the measured value in dB μ V.

Antenna Conducted Power Emission Limits

Frequency (MHz)	Limits (dB μ V)	
	Quasi-Peak	Peak
30 to 1 000	51.7	-
1 000 to 2 150	-	51.7

3.3 Measurement of Radiated Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 8.3

- The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi-anechoic chamber.
The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. (1 GHz to 40 GHz)

Radiated Emission Limits

Frequency (MHz)	Class A			Class B		
	Antenna Distance (m)	Field Strength ($\mu\text{V/m}$)	Quasi-Peak (dB $\mu\text{V/m}$)	Antenna Distance (m)	Field Strength ($\mu\text{V/m}$)	Quasi-Peak (dB $\mu\text{V/m}$)
30 to 88	10	90	39.0	3	100	40.0
88 to 216	10	150	43.5	3	150	43.5
216 to 960	10	210	46.4	3	200	46.0
Above 960	10	300	49.5	3	500	54.0
Frequency (MHz)	Antenna Distance (m)	Class A		Class B		
		Peak (dB $\mu\text{V/m}$)	Average (dB $\mu\text{V/m}$)	Peak (dB $\mu\text{V/m}$)	Average (dB $\mu\text{V/m}$)	
Above 1 000	3	80	60	74	54	

Frequency Range of Radiated Measurements

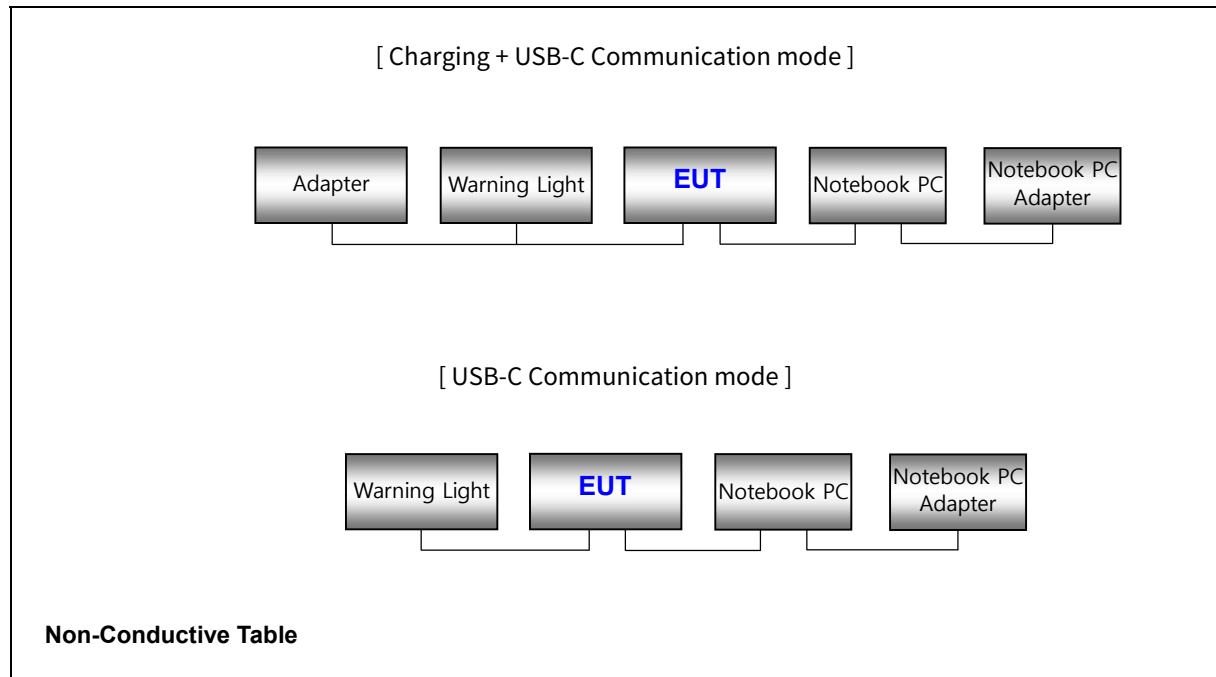
An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

3.4 Configuration of Tested System

The EUT was configured in the following manner.

At the request of the manufacturer, the configuration of the tests was arranged.



3.5 Operation of EUT

During the preliminary and final tests, the following operating mode was investigated.

The following operating mode was tested after connecting all peripheral devices.

Operating Mode: Charging + USB-C Communication mode

USB-C Communication mode

Charging mode

The EUT was tested while charging using 12 V AC Adapter.

USB-C Communication mode

The EUT and notebook PC were connected using the debug jig board and cable.

They continuously linked with the debug port open during the test.

4. TEST SITES CONDITIONS

4.1 Test Facility

The SAC (Semi Anechoic Chamber) and conducted measurement facilities used for collecting radiated data were constructed in accordance with the requirements of ANSI C63.4-2014 + C63.4a-2017.

Our laboratories are accredited and designated in accordance with the provisions of Radio Waves ACT and International Standard ISO/IEC 17025:2017. (National Radio Research Agency, CABID No. KR0032)

4.2 Measuring Instrument Calibration

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5:2017.

4.3 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the UCISPR measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Phenomenon	Test Site (Chamber)	Expanded Uncertainty	
Conducted Emission	EMI Shield Room	2.0 dB	
Antenna Conducted Power Emission	EMI Shield Room	N/A	
Radiated emission	10 m Semi Anechoic Chamber #1	30 MHz to 1 GHz	5.0 dB
	10 m Semi Anechoic Chamber #1	1 GHz to 18 GHz	4.8 dB
	10 m Semi Anechoic Chamber #1	18 GHz to 40 GHz	N/A

4.4 Decision Rules and Statements of Conformity

Simple Acceptance

5. MEASURING EQUIPMENT

Type	Model Name	Manufacturer	Serial Number	Cal. Cycle	Next Cal. Date (yy.mm.dd)
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Conducted emission

☒	EMI Test Receiver	ESR7	ROHDE&SCHWARZ	101910	1 year	2026.08.20
☒	LISN	ENV216	ROHDE&SCHWARZ	102245	1 year	2026.07.15
☒	LISN	ENV216	Rohde & Schwarz	102246	1 year	2026.11.12
☒	Radio Communication Analyzer	MT8821C	Anritsu	6262192376	1 year	2026.09.30
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Antenna conducted power emission

☐	EMI Test Receiver	ESCI	ROHDE&SCHWARZ	100584	1 year	2027.05.08
☐	Impedance Matching Pad	PE7070	PASTERNAK	5	1 year	2027.01.07
☐	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Radiated emission up to 1 GHz

☒	EMI Test Receiver	ESU26	Rohde & Schwarz	100241	1 year	2027.05.22
☒	Bilog Antenna	VULB 9168	Schwarzbeck	847	2 year	2028.04.20
☒	Low Noise Amplifier	TK-PA01S	TESTEK	200112-L	1 year	2027.02.20
☒	Antenna Mast	MA4000-EP	INNCO systems	-	N/A	-
☒	Turn Table	DT3000-3t	INNCO systems	DT3000/69	N/A	-
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

Type	Model Name	Manufacturer	Serial Number	Cal. Cycle	Next Cal. Date (yy.mm.dd)
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Radiated emission above 1 GHz

☒	EMI Test Receiver	ESU26	Rohde & Schwarz	100241	1 year	2027.05.22
☒	Horn Antenna	HF907	Rohde & Schwarz	103160	1 year	2026.10.14
☒	Power Amplifier	TK-PA18H	TESTEK	170034-L	1 year	2026.10.02
☒	Antenna Mast	MA4640-XP-ET	INNCO systems	-	N/A	-
☒	Turn Table	DT3000-3t	INNCO systems	DT3000/69	N/A	-
☒	Software	EMC32	ROHDE&SCHWARZ	-	N/A	-

6. EMISSION TEST SUMMARY

6.1 Conducted Emission

6.1.1 Operating Conditions

The test results of conducted emission at mains ports provide the following information:

Date of Test (yy.mm.dd)	2026.05.29		
Temperature	min. 19.0 °C	Relative Humidity	min. 37.1 %
	max. 25.3 °C		max. 46.9 %
Test Site	EMI Shield Room		
Test Standard Used	FCC CFR 47 PART 15 Subpart B Class A ANSI C63.4-2014		
Frequency Range	0.15 MHz to 30 MHz		
Detector / Bandwidth	Quasi-Peak, CISPR-Average / 9 kHz (6 dB)		
Operating Mode	Charging + USB-C Communication mode		
Test Result	PASS		

A disturbance voltage is calculated by the following equation:

$$A = B + C \quad \text{Where}$$

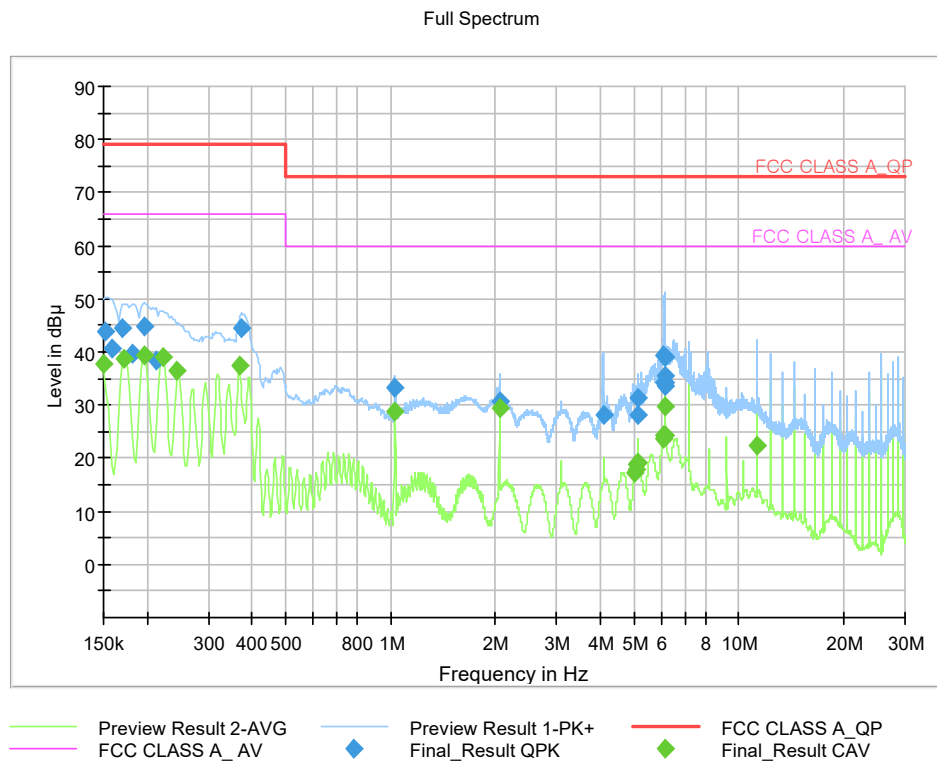
A: QuasiPeak or CAverage in dBμV
B: Meter reading in dBμV
C: Corr. in dB (Cable loss + LISN factor)
Margin in dB: Limit - A

If it's an AC mains cable, the readings includes both Live (L1) and Neutral (N).

The measurements for both Live (L1) and Neutral (N) from the LISN are combined into a single graph.

6.1.2 Measurement Data

[Charging + USB-C Communication mode]



[QuasiPeak]

Frequency [MHz]	QuasiPeak [dBμV]	Corr. [dB]	Line	Margin [dB]	Limit [dBμV]
0.1523	43.72	9.6	N	35.28	79.00
0.1590	40.59	9.6	N	38.41	79.00
0.1703	44.38	9.6	N	34.62	79.00
0.1815	39.77	9.6	N	39.23	79.00
0.1973	44.66	9.6	N	34.34	79.00
0.2130	38.37	9.6	N	40.63	79.00
0.3750	44.46	9.7	L1	34.54	79.00
1.0288	33.25	9.7	L1	39.75	73.00
2.0570	30.86	9.7	N	42.14	73.00
4.0753	28.30	9.7	L1	44.70	73.00
5.1238	28.00	9.8	L1	45.00	73.00
5.1418	31.24	9.8	L1	41.76	73.00
6.0890	34.13	9.8	L1	38.87	73.00
6.1025	39.40	9.8	L1	33.60	73.00
6.1138	35.66	9.8	L1	37.34	73.00
6.1295	34.27	9.8	L1	38.73	73.00
6.1408	33.74	9.8	L1	39.26	73.00
6.1700	39.07	9.8	L1	33.93	73.00

[CAverage]

Frequency [MHz]	CAverage [dBμV]	Corr. [dB]	Line	Margin [dB]	Limit [dBμV]
0.1500	37.87	9.7	L1	28.13	66.00
0.1725	38.74	9.7	L1	27.26	66.00
0.1973	39.45	9.7	L1	26.55	66.00
0.2220	39.19	9.7	L1	26.81	66.00
0.2445	36.48	9.7	L1	29.52	66.00
0.3683	37.49	9.7	L1	28.51	66.00
1.0288	28.75	9.7	L1	31.25	60.00
2.0570	29.28	9.7	L1	30.72	60.00
4.9955	17.15	9.8	L1	42.85	60.00
5.0450	17.84	9.8	L1	42.16	60.00
5.0630	18.92	9.8	L1	41.08	60.00
5.1170	19.11	9.8	L1	40.89	60.00
6.0890	23.77	9.8	L1	36.23	60.00
6.0980	24.23	9.8	L1	35.77	60.00
6.1115	24.29	9.8	L1	35.71	60.00
6.1205	24.19	9.8	L1	35.81	60.00
6.1700	29.66	9.8	L1	30.34	60.00
11.3113	22.34	9.9	L1	37.66	60.00

6.2 Antenna Conducted Power Emission (Not Applicable)

6.2.1 Operating Condition

The test results of antenna conducted power emission provide the following information.;

Date of Test (yy.mm.dd)	---				
Temperature	min.	°C	Relative Humidity	min.	%
	max.	°C		max.	%
Test Site	EMI Shield Room				
Test Method Used	ANSI C63.4-2014				
Frequency Range	30 MHz to 2150 MHz				
Detector / Bandwidth	For frequencies ≤ 1 GHz: Quasi-peak / 120 kHz For frequencies ≥ 1 GHz: Peak / 1 MHz				
Operating Mode	---				
Test Result	---				

NOTE. This test is not applicable because the EUT does not have tuner ports.

6.2.2 Measurement Data

Not applicable

6.3 Radiated Emission up to 1 GHz

6.3.1 Operating Condition

The test results of radiated emission provide the following information:

Date of Test (yy.mm.dd)	2026.05.28		
Temperature	min. 19.1 °C	Relative Humidity	min. 37.1 %
	max. 24.8 °C		max. 46.2 %
Test Site	10 m Semi Anechoic Chamber #1		
Used Test Standard	FCC CFR 47 PART 15 Subpart B Class A ANSI C63.4-2014		
Frequency Range	30 MHz to 1 000 MHz		
Detector / Bandwidth	Quasi-Peak / 120 kHz (6 dB)		
Measurement Distance	10 m		
Antenna Height	1 m to 4 m		
Antenna Polarity	Horizontal, Vertical		
Operating Mode	Charging + USB-C Communication mode USB-C Communication mode		
Test Result	PASS		

A field strength is calculated by the following equation;

$$A = B + C \quad \text{Where}$$

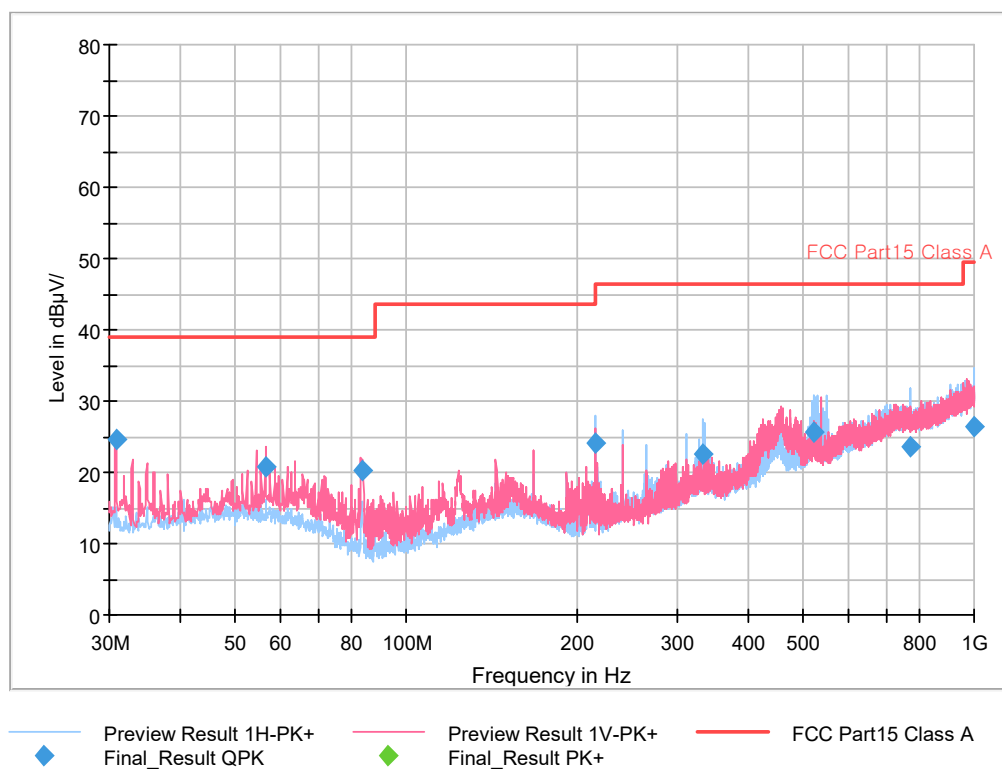
A: Field strength (Quasi Peak) in dBμV/m
B: Meter reading in dBμV/m
C: Corr. in dB (Cable loss + Antenna factor)
Margin in dB: Limit - A

The measurements' polarities are H and V, where H means horizontal and V means vertical.

6.3.2 Measurement Data

[Charging + USB-C Communication Mode]

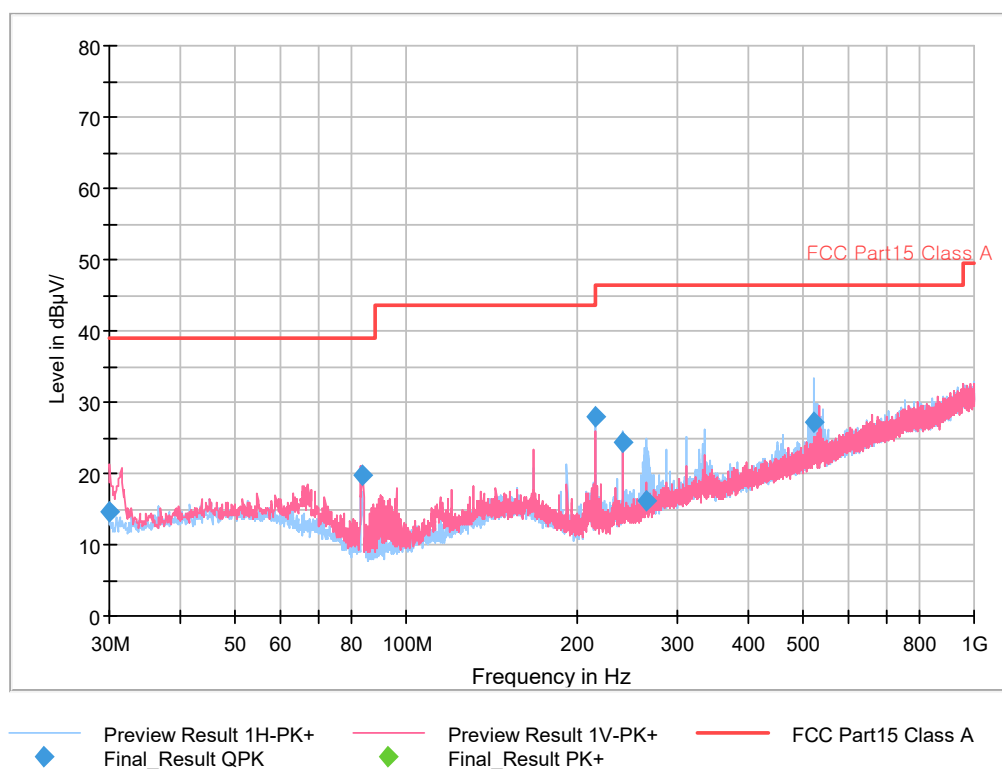
Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
30.8880	24.56	161.0	V	312.0	-21.1	14.44	39.00
56.5913	20.79	250.0	V	115.0	-19.6	18.21	39.00
83.5858	20.17	160.8	V	101.0	-24.5	18.83	39.00
215.9868	24.03	250.0	H	134.0	-21.9	19.47	43.50
332.9593	22.51	250.0	H	302.0	-16.5	23.89	46.40
521.9087	25.64	150.1	H	148.0	-11.8	20.76	46.40
772.3813	23.66	109.8	H	50.0	-6.2	22.74	46.40
998.8480	26.34	100.0	H	144.0	-2.9	23.16	49.50

[USB-C Communication Mode]

Full Spectrum



Frequency	QuasiPeak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
30.0747	14.55	133.5	V	276.0	-21.1	24.45	39.00
83.8248	19.75	160.8	V	120.0	-24.5	19.25	39.00
216.0032	27.95	354.9	H	116.0	-21.9	18.45	46.40
240.0078	24.47	384.1	H	97.0	-19.9	21.93	46.40
264.0724	16.24	349.9	H	151.0	-19.0	30.16	46.40
523.8442	27.25	149.8	H	119.0	-11.8	19.15	46.40

6.4 Radiated Emission above 1 GHz

6.4.1 Operating Condition

The test results of radiated emission provide the following information:

Date of Test (yy.mm.dd)	2026.05.28		
Temperature	min. 19.1 °C	Relative Humidity	min. 37.1 %
	max. 24.8 °C		max. 46.2 %
Test Site	10 m Semi Anechoic Chamber #1		
Used Test Standard	FCC CFR 47 PART 15 Subpart B Class A ANSI C63.4-2014		
Detector / Bandwidth	Peak, CISPR-Average / 1 MHz		
Highest Frequency	2462 MHz		
Tested Frequency Range	1 GHz to 18 GHz		
Measurement Distance	3 m		
Antenna Height	1 m to 4 m		
Antenna Polarity	Horizontal, Vertical		
Operating Mode	Charging + USB-C Communication mode USB-C Communication mode		
Test Result	PASS		

A field strength is calculated by the following equation:

$$A = B + C$$

Where

A: Field strength (Peak or CAverage) in dBμV/m

B: Meter reading in dBμV/m

C: Corr. in dB (Cable loss + Antenna factor - Amplifier gain)

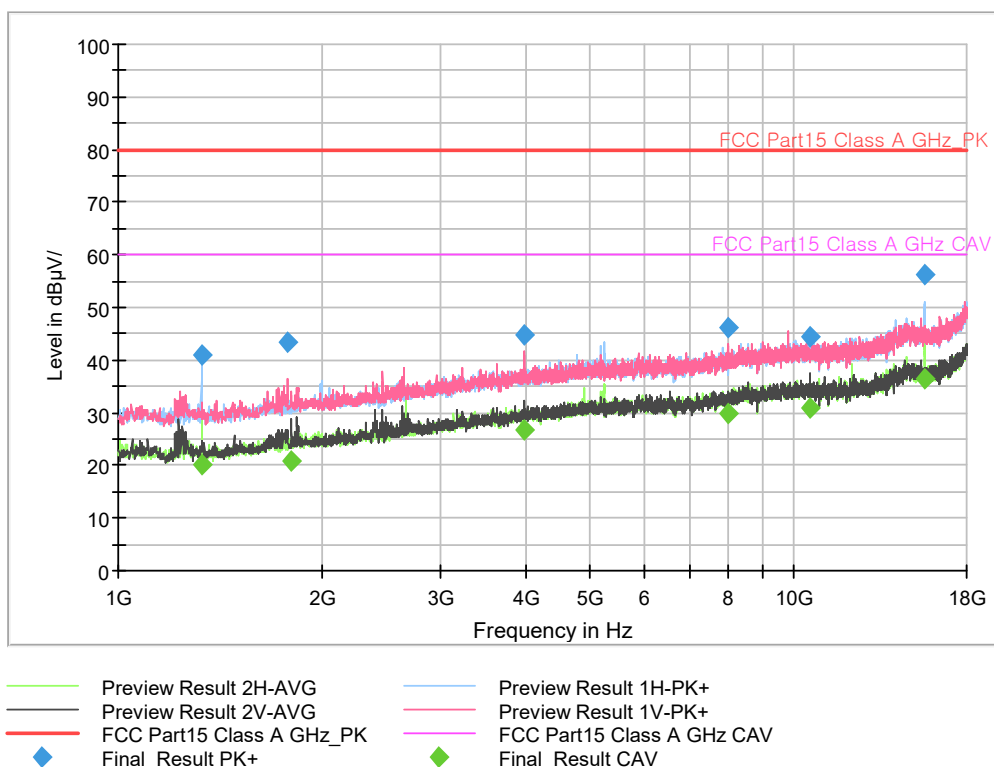
Margin in dB: Limit - A

The measurements' polarities are H and V, where H means horizontal and V means vertical.

6.4.2 Measurement Data

[Charging + USB-C Communication Mode]

Full Spectrum



[Peak]

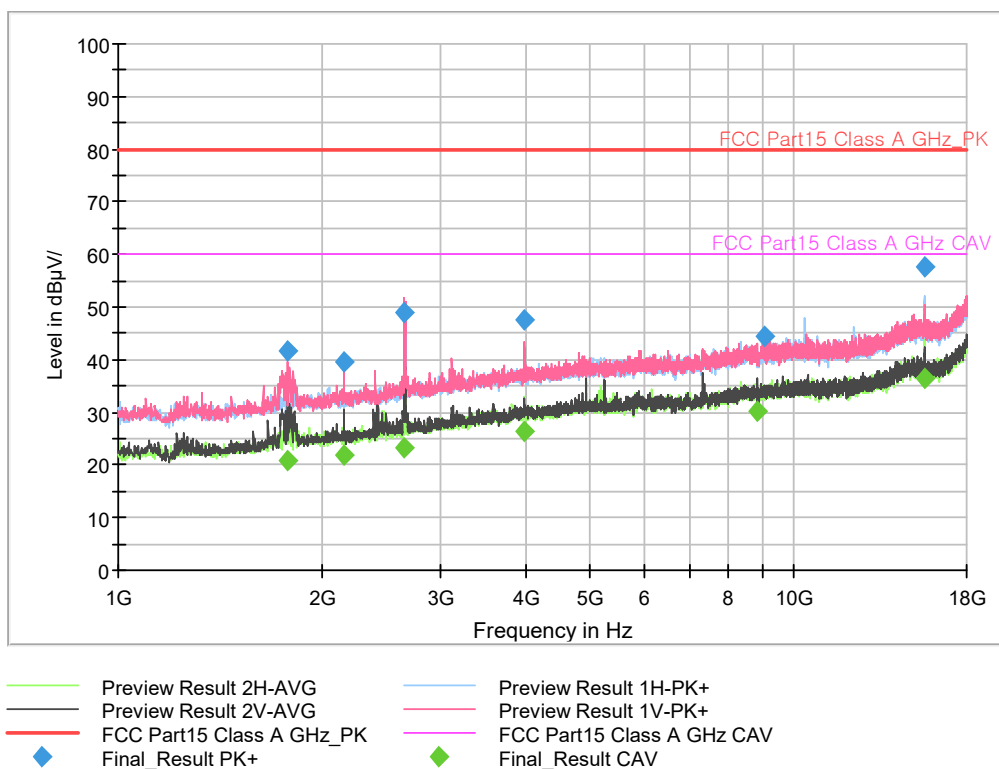
Frequency	Peak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dB μ V/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dB μ V/m]
1328.1000	40.81	294.7	H	176.0	-29.0	39.19	80.00
1776.9000	43.50	301.0	V	66.0	-26.3	36.50	80.00
3981.8000	44.77	294.3	V	129.0	-16.6	35.23	80.00
7976.8000	46.12	300.6	V	255.0	-8.5	33.88	80.00
10581.2000	44.60	100.0	H	171.0	-5.1	35.40	80.00
15597.9000	56.24	301.1	H	202.0	3.0	23.76	80.00

[CAverage]

Frequency	CAverage	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dB μ V/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dB μ V/m]
1329.8000	20.05	294.4	H	170.0	-29.0	39.95	60.00
1804.1000	20.79	295.7	V	183.0	-26.1	39.21	60.00
3981.8000	26.67	300.7	V	123.0	-16.6	33.33	60.00
7995.5000	29.75	105.1	V	127.0	-8.5	30.25	60.00
10560.8000	30.81	105.0	V	337.0	-5.1	29.19	60.00
15597.9000	36.36	300.5	H	202.0	3.0	23.64	60.00

[USB-C Communication Mode]

Full Spectrum



[Peak]

Frequency	Peak	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
1780.3000	41.75	301.2	V	195.0	-26.3	38.25	80.00
2161.1000	39.51	100.0	V	64.0	-24.4	40.49	80.00
2654.1000	49.01	100.0	V	121.0	-22.1	30.99	80.00
3998.8000	47.40	201.4	V	132.0	-16.5	32.60	80.00
9017.2000	44.34	201.2	H	6.0	-7.6	35.66	80.00
15594.5000	57.53	301.2	H	321.0	3.0	22.47	80.00

[CAverage]

Frequency	CAverage	Height	Pol.	Azimuth	Corr.	Margin	Limit
[MHz]	[dBμV/m]	[cm]	[H/V]	[deg]	[dB]	[dB]	[dBμV/m]
1780.3000	20.95	295.8	V	195.0	-26.3	39.05	60.00
2161.1000	21.89	100.6	V	58.0	-24.4	38.11	60.00
2654.1000	23.33	101.3	V	121.0	-22.1	36.67	60.00
3997.1000	26.37	295.4	H	238.0	-16.5	33.63	60.00
8804.7000	30.37	294.8	V	-15.0	-8.0	29.63	60.00
15594.5000	36.44	295.0	H	322.0	3.0	23.56	60.00

APPENDIX A. TEST SETUP PHOTO

Please refer to Appendix. A and test setup photo file no. as follows;

File No.	Date of Issue	Description
HCT-EM-2606-FC001-P	June 09, 2026	Initial Release

End of report