

TEST REPORT



Dt&C Co., Ltd.

42, Yurim-ro, 154Beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea, 17042
Tel : 031-321-2664, Fax : 031-321-1664

1. Report No : DRTFCC2607-0073

2. Customer

• Name (FCC) : BH EVS CO.,LTD.

• Address (FCC) : 35, Magokjungang 8-ro 3-gil, Gangseo-gu, South Korea 07793

3. Use of Report : FCC Class 2 Permissive Change

4. Product Name / Model Name : Wireless Power Charger / WCGMM00N3C8

FCC ID : 2A6WXWCGMM00N3C8

5. FCC Regulation(s) : FCC Part 15 Subpart C

Test Method used : ANSI C63.30-2021, ANSI C63.10-2020

6. Date of Test : 2026.05.18 ~ 2026.05.29

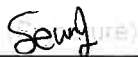
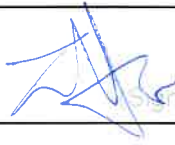
7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing

8. Testing Environment: See appended test report.

9. Test Result: Refer to the attached test result.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

This test report is not related to KOLAS accreditation.

Affirmation	Tested by	Technical Manager
	Name : SeungMin Gil 	Name : JaeJin Lee 

2026 . 07 . 08.

Dt&C Co., Ltd.

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

Test Report Version

Test Report No.	Date	Description	Tested by	Reviewed by
DRTFCC2607-0073	Jul. 08, 2026	Initial issue	SeungMin Gil	JaeJin Lee

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1. General Information

1.1. Description of EUT

FCC Equipment Class	Part 15 Low Power Transmitter Below 1705 kHz (DCD)
Product Name	Wireless Power Charger
Model Name	WCGMM00N3C8
Firmware Version Identification Number	1.21
EUT Serial Number	603VIEG60Y5NH
Frequency Range	127.87 kHz
Wireless charging output	Max : 15 W
Power Supply	DC 14 V
Antenna type	Coil Antenna

1.2. Testing Laboratory

Dt&C Co., Ltd.

The 3 m test site and conducted measurement facility used to collect the radiated data are located at the 42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042. The site is complies with the requirements of part 2.948.

- FCC Designation No.: KR0034
- FCC Test Firm Registration No.: 704742
- ISED CAB identifier: KR0034
- ISED#: 5740A

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1.3. Testing Environment

Ambient Condition	
▪ Temperature	21 °C ~ 22 °C
▪ Relative Humidity	42 % ~ 45 %

1.4. Measurement Uncertainty

Parameter	Measurement uncertainty
Radiated emission (1 GHz Below)	4.9 dB (The confidence level is about 95 %, k = 2)

2. Information about test items

2.1. Test mode

This device has been tested with a power receiver block (dummy load).

Test Mode	Frequency(kHz)	Note
Charging Mode	127.87	With a client device.

2.2. Support equipment

Support Equipment	Model Name	Manufacturer	Note
Power receiver block	-	BH EVS Co.,Ltd.	Dummy load

Note: The above equipment was supported by manufacturer.

2.3. EMI Suppression Device(s)/Modifications

EMI suppression device(s) added and/or modifications made during testing
→ None

3. Antenna requirements

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

**The antenna is permanently attached.
Therefore this E.U.T Complies with the requirement of §15.203**

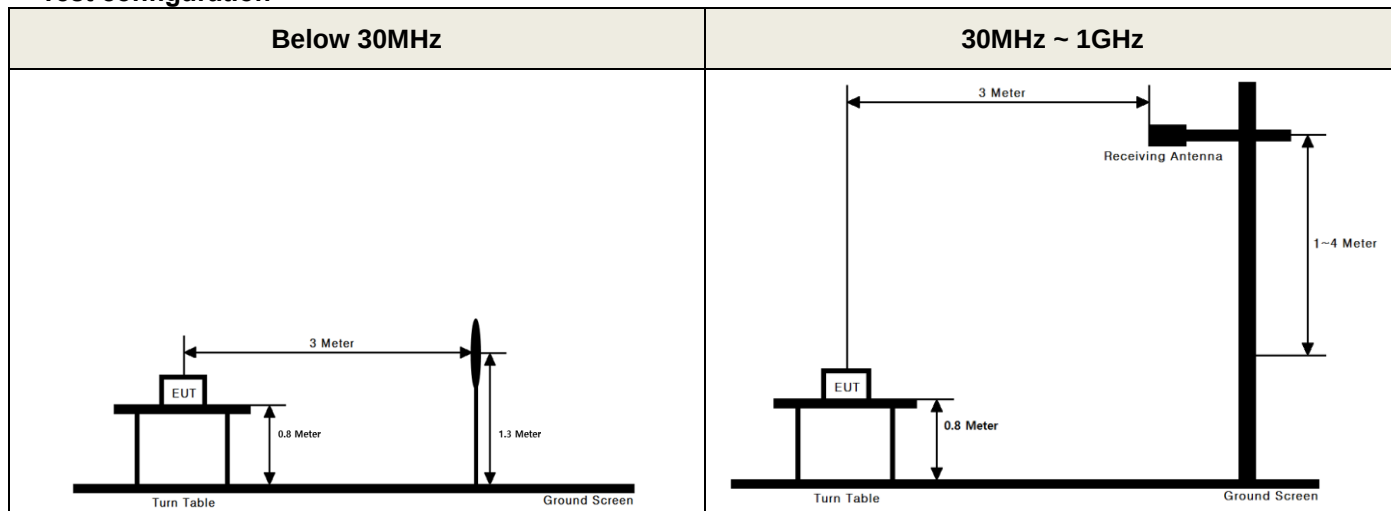
4. Summary of Test Results

FCC Part Section(s)	Parameter	Limit	Test Condition	Status Note 1
15.209	Radiated Emission	Part 15.209 limits (Refer to section 5.1)	Radiated	C
Note 1: C =Comply NC =Not Comply NT =Not Tested NA =Not Applicable				
Note 2: The device has been modified from the original certified product with changes to the non-transmitter section. Radiated emission testing was performed for this change.				

5. Test Result

5.1. Radiated Emissions

- Test configuration



- Test Procedure:

ANSI C63.30-2021 – Section 9.1.2

For frequencies from 9 kHz to 30 MHz, the radiated magnetic field strength was measured using a small loop antenna method. Measurements were performed to determine the maximum radiated magnetic field strength of the EUT in all three orthogonal orientations (coaxial, vertical coplanar, and horizontal coplanar), over all azimuth angles of the EUT, at the applicable limit distance. The center of the loop antenna was fixed at 1.3 m above the ground during all measurements.

For frequencies from 30 MHz to 1 GHz, the radiated electric field strength was measured to determine the maximum emissions from the EUT. Measurements were performed in both horizontal and vertical polarizations over all azimuth angles of the EUT at the applicable limit distance. The receiving antenna height was varied from 1 m to 4 m to maximize the measured field strength.

- Measurement Instrument Setting for Radiated Emission Measurements.

RBW = As specified in table, VBW $\geq 3 \times$ RBW, Sweep = Auto, Detector = Peak^{Note1} or Quasi Peak,

Trace mode = Max Hold until the trace stabilize

Frequency	RBW
9 kHz - 150 kHz	200 Hz - 300 Hz
0.15 MHz - 30 MHz	9 kHz -10 kHz
30 MHz - 1 000 MHz	100 kHz - 120 kHz

Note1: Measurements were performed using the peak detector.

The data measured using the peak detector of a spectrum analyzer will represent the worst-case results.

- Limit: FCC Part 15.209(a): General requirement

Frequency (MHz)	Field Strength (uV/m)	Measurement Distance (Meters)
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100**	3
88 ~ 216	150**	3
216 ~ 960	200**	3
Above 960	500	3

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 - 72 MHz, 76 - 88 MHz, 174 - 216 MHz or 470 - 806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

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- Measurement Data: **Comply**

Measurement Distance : 3 Meters

- Measurement Data: Charging Mode

Tested Frequency(kHz)	Freq. (MHz)	ANT pol (Note 3)	Reading (dBuV)	TF (dB/m)	DCF (dB)	Field Strength (dBuV/m)	Limit (dBuV/m)	Margin (dB)
127.87	* 0.128	C	81.30	12.37	80	13.67	25.46	11.79
	0.640	C	47.00	12.56	40	19.56	31.48	11.92
	0.897	C	40.70	12.66	40	13.36	28.55	15.19
	1.149	C	36.90	12.70	40	9.60	26.40	16.80
	36.467	V	38.30	-9.64	0	28.66	40.00	11.34
	# 908.460	V	25.60	6.97	0	32.57	46.00	13.43
	# 930.445	H	26.00	7.10	0	33.10	46.00	12.90

Note 1. Radiated emission measurements were performed with the client device at three positions(left, center, right) relative to the WPT device. And the worst case data (left position) are reported.

Note 2. * = Fundamental emission, # = Noise Floor

Note 3. Loop antenna orientation (Below 30 MHz)

"C"= Coaxial, "H"= Horizontal coplanar, "V"= Vertical coplanar,

Bilog antenna polarization (Above 30 MHz)

"H"= Horizontal, "V"= Vertical

Note 4. If PK results were meet Quasi-peak limit, Quasi-peak measurements were omitted.

Note 5. No other spurious and harmonic emissions were reported greater than listed emissions above table.

Note 6. Sample calculation

Margin = Limit – Field Strength

Field Strength = Reading + TF – Distance factor

T.F = AF + CL – AG

Where, T.F = Total Factor, AF = Antenna Factor, CL = Cable Loss, AG = Amplifier Gain

DCF= Distance Correction Factor

Distance Correction factor

At frequencies below 30 MHz = 40 log(tested distance / specified distance)

At frequencies at or above 30 MHz = 20 log(tested distance / specified distance)

APPENDIX I

TEST EQUIPMENT FOR TESTS

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal.Date (yy/mm/dd)	S/N
Spectrum Analyzer	Agilent Technologies	N9020A	25/11/18	26/11/18	MY50410399
DC Power Supply	SM techno	SDP30-5D	25/05/29	26/05/29	305DMG304
Digital Multimeter	FLUKE	17B+	25/11/21	26/11/21	36390701WS
Signal Generator	Rohde Schwarz	SMBV100A	25/11/20	26/11/20	255571
Loop Antenna	ETS-Lindgren	6502	25/11/06	27/11/06	00060496
Hybrid Antenna	Schwarzbeck	VULB9163	25/05/27	27/05/27	9163-572
PreAmplifier	H.P	8447D	25/11/17	26/11/17	2944A07774
Thermohygrometer	BODYCOM	BJ5478	25/11/24	26/11/24	120612-2
Cable	HUBER+SUHNER	SUCOFLEX100	26/01/02	27/01/02	M-01
Cable	HUBER+SUHNER	SUCOFLEX100	26/01/02	27/01/02	M-02
Cable	JUNFLON	MWX241/B	26/01/02	27/01/02	M-03
Cable	JUNFLON	J12J101757-00	26/01/02	27/01/02	M-07
Cable	HUBER+SUHNER	SUCOFLEX106	26/01/02	27/01/02	M-09
Test Software (Radiated)	tsj	EMI Measurement	NA	NA	Version 2.00.0185
3m Semi Anechoic Chamber	SYC	3m-SAC	25/06/13(NSA) 25/06/19(VSWR)	26/06/13(NSA) 26/06/19(VSWR)	3m-SAC-1

Note1: The measurement antennas were calibrated in accordance to the requirements of ANSI C63.5-2017

Note2: The cable is not a regular calibration item, so it has been calibrated by Dt&C itself.

- End of test report -