

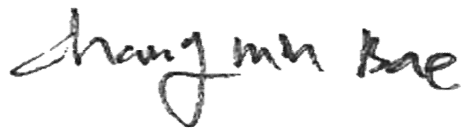
Test Report

Company : SAMSUNG ELECTRONICS Co., Ltd.
Representative : Young-hyun, Jun
Address : 19 Chapin Rd, Building D. Pine Brook, New Jersey, United States

1. Product Name : Wireless Charger
-Model Name: EP-OL715
2. FCC ID : A3LEPOL715
3. Date of Receipt : 2026-03-11
4. Date of test : 2026-03-11 ~ 2026-04-06
5. Testing Method : MPE Test Report
6. Test Result : PASS

Tested by : Chang Min, Bae

Approved by : Sung Ryul, Kim



1. The test results presented in this report are unrelated to KS Q ISO/IEC 17025 and KOLAS accreditation. The test results relate only to the object tested and are not representative of the quality of the entire product.
2. The report should not be used for other intended purposes including promotional, advertising, or litigation without the prior consent of KTC.
3. The authenticity of this test report can be verified on the KTC website (www.ktc.re.kr).

Dated 2026. 04. 06.



Korea Testing Certification institute

www.ktc.re.kr [15809] 22, Heungan-daero 27beon-gil, Gunpo-si, Gyeonggi-do, Korea

TEL : +82-1899-7654, FAX : -82-31-428-2926

Test Result

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Test Result

1. General Information

1.1. Summary

Testing Laboratory	Korea Testing Certification
Testing location / address	22 Heungan-daero 27 beon-gil, Gunpo-si, Gyeonggi-Do, 15809, Republic of Korea
Designation Number	KR0006
Test Firm Registration Number	709616
Applicant	SAMSUNG ELECTRONICS Co., Ltd.
Address of Applicant	19 Chapin Rd, Building D. Pine Brook, New Jersey, United States
Manufacturer #1	RFTECH THAI NGUYEN Co.,Ltd.
Address of Manufacturer #1	Lot CN 1-2 Diem Thuy Industrial Zone, Diem Thuy Commune, Phu Binh District, Thai Nguyen Province, Vietnam
Manufacturer #2	CRESYN HANOI CO.,LTD
Address of Manufacturer #2	Dong Tho Industrial Complex, Van Mon Commune, Bac Ninh Province, Vietnam
Manufacturer #3	HAEM VINA CO., LTD.
Address of Manufacturer #3	Lot B4, Song Khe- Noi Hoang Industrial zone, Tien Phong Ward Bac Ninh Province, Viet Nam
Manufacturer #4	CHITWING PRECISION TECH VIET NAM CO.,LTD.
Address of Manufacturer #4	Lot Cn2-2 and Lot Cn9-4 Yen Phong Industrial Park, Yen Trung Commune, Yen Phong District. Bac Ninh Province Vietnam
Product Name	Wireless Charger
Model Name	EP-OL715
Power Supply	DC 5.0 V
Frequency Range	145 kHz, 1.78 MHz
Modulation	FSK

Test Result

Antenna Type	Coil Antenna
Hardware Version	0.2
Software Version	1.4

Test Result

1.2. Test Information

1.2.1 Supporting Equipment Used During Test

Use	Manufacturer	Model	Comments
EUT	SAMSUNG ELECTRONICS Co., Ltd.	EP-OL715	-
AE	HAEM VINA Co.,Ltd.	EP-T2510	AC/DC Adapter
AE	SAMSUNG ELECTRONICS Co., Ltd.	SM-L500	-
AE	SAMSUNG ELECTRONICS Co., Ltd.	SM-L310	-
Supplementary information EUT = Equipment Under Test, AE = Auxiliary / Associated Equipment, SIM = Simulator (Not Subjected to Test)			

1.3. List of Test Equipment

Test Equipment Used					
Equipment	Model	Manufacturer	Serial Number	Last Cal. Date	Cal. Due Date
Electric and Magnetic Field Probe	EHP-200AC	Narda S.T.S.	180ZX30107	2026-01-21	2027-01-21

1.4. Measurement uncertainty

Parameter	Condition	Uncertainty
Electric Field Strength	Radiated	$\pm 5.67 \%$
Magnetic Field Strength	Radiated	$\pm 16.62 \%$
Note; -This uncertainty represents an expanded uncertainty expressed at approximately 95% confidence level using a coverage factor of k=2.		

Test Result

2. RF Exposure Evaluation

2.1. TABLE 1 - LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
(A) Limits for Occupational /Control Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1 500			f/300	6
1 500-100 000			5	6
(B) Limits for General Population / Uncontrol Exposures				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1 500			f/1 500	30
1 500-100 000			1.0	30

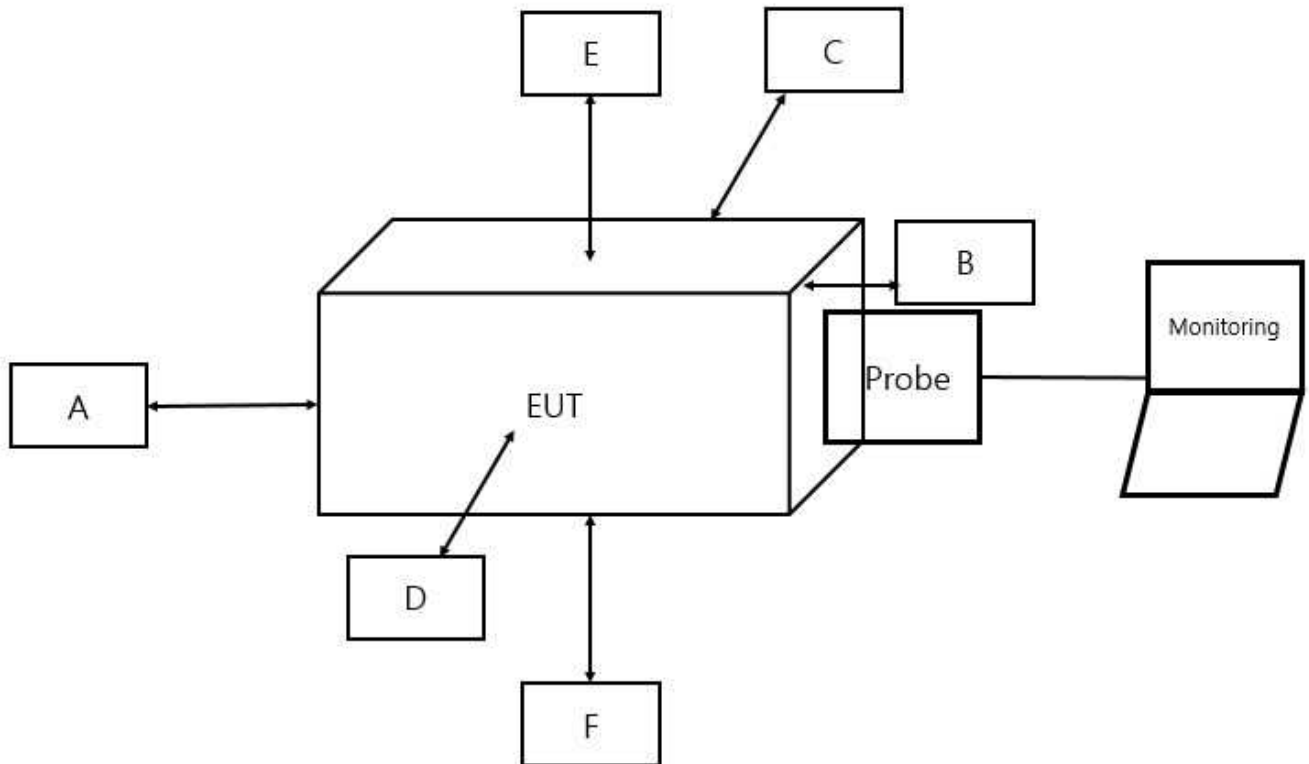
f = frequency in MHz

* = Plane wave equivalent power density

Test Result

2.2. Test Setup

2.2.1 EUT Position



2.2.2 Test configurations

The DUT is categorized as a Portable Device per § 2.1093, as it is designed to be used in close proximity to the user's body. In accordance with KDB 680106 D01 v04 Section 3.2, RF exposure compliance was evaluated for portable exposure conditions.

Measurements were performed at a separation distance of 0 cm (in contact) from the top and all sides of the DUT to represent the worst-case exposure scenario.

Field strength measurements (E-field and H-field) were taken at all individual positions (A, B, C, D, E, F) in accordance with the guidance in KDB 680106 D01 v04.

For positions where the probe center could not physically reach the surface, the 0 cm values were estimated using an extrapolation model as per Footnote 2 of the KDB.

Test Result

2.3. Test result

Ambient Temp. 23 ± 1 °C
Relative Humidity 43 %
Test Result PASS (Refer to below)

2.3.1 Charging with 2 W & 5W (1 % battery status of client device)

- 145 kHz
- Electric Field

	Frequency Range (kHz)	Probe Position A		Probe Position B		Probe Position C		Probe Position D		Probe Position E		Probe Position F		Limit (V/m)
E-field	145 kHz	1.13	V/m	1.08	V/m	1.28	V/m	1.13	V/m	1.31	V/m	1.08	V/m	614 V/m

- Magnetic Field

	Frequency Range (kHz)	Probe Position A		Probe Position B		Probe Position C		Probe Position D		Probe Position E		Probe Position F		Limit (A/m)
H-field ¹⁾	145 kHz	0.21	A/m	0.22	A/m	0.13	A/m	0.81	A/m	0.34	A/m	0.15	A/m	1.63 A/m

- 1.780 MHz
- Electric Field

	Frequency Range (kHz)	Probe Position A		Probe Position B		Probe Position C		Probe Position D		Probe Position E		Probe Position F		Limit (V/m)
E-field	1 780 kHz	0.48	V/m	0.53	V/m	0.56	V/m	0.32	V/m	0.47	V/m	0.72	V/m	614 V/m

- Magnetic Field

	Frequency Range (kHz)	Probe Position A		Probe Position B		Probe Position C		Probe Position D		Probe Position E		Probe Position F		Limit (A/m)
H-field ¹⁾	1 780 kHz	0.01	A/m	0.02	A/m	0.02	A/m	0.02	A/m	0.01	A/m	0.02	A/m	1.63 A/m

- The end of test report -