Testing and Certification

TEST REPORT

WPC RF Exposure Test for certification of SM-F741U

APPLICANT
Samsung Electronics. Co., Ltd.

REPORT NO.
HCT-SR-2403-FC005

DATE OF ISSUE
Mar. 29, 2024

Tested by
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TEST REPORT

FCC WPC RF Exposure Test for certification

REPORT NO.
HCT-SR-2403-FC005

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FCC ID
A3LSMF741U

Applicant	SAMSUNG Electronics Co., Ltd 129, Samsung-ro, Yeongtong-gu, Suwon-Si, Gyeonggi-do, 16677, Korea
Product Name	Mobile Phone
Model Name	SM-F741U
Additional Model Name	SM-F741U1
Date of Test	Mar. 13, 2024 ~ Mar. 15, 2024
Location of Test	■ Permanent Testing Lab ☐ On Site Testing Lab (Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si,
FCC Rule Part(s)	FCC Part 1 SUBPART I FCC Part 2 SUBPART J KDB 680106 D01
Test Results	PASS

REVISION HISTORY

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

Revision No.	Date of Issue	Description
0	Mar. 29, 2024	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).

CONTENTS

1. Test Methodology

The DUT was assessed in accordance with 680106 D01 Wireless Power Transfer v04.

2. Test Location

2.1 Test Laboratory

Company Name	HCT Co., Ltd.
Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA
Telephone	031-645-6300
Fax.	031-645-6401

2.2 Test Facilities

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

Korea	National Radio Research Agency (Designation No. KR0032)
	KOLAS (Testing No. KT197)

3. DEVICE UNDER TEST DESCRIPTION

Applicant Name:	SAMSUNG Electronics Co., Ltd.
Model Name	SM-F741U
Additional Model Name	SM-F741U1
EUT Type:	Mobile Phone
Application Type:	Certification

3.1 Description of DUT

The DUT is a mobile phone with a WPT (Wireless Power Transfer) feature using an inductive charging coil to charge a phone and a watch. The charging frequency is between 110 ㎑ to 148 ㎑, and the maximum transfer power consumption is 9 W in charging status.

3.2 Test Configurations

Test configurations	Description
DUT to Phone test configuration 1	Charging from Phone to DUT
DUT to Phone test configuration 2	Charging from Phone to DUT (TA Charging from DUT)
DUT to Phone test configuration 3	Charging from Phone to DUT
DUT to Phone test configuration 4	Charging from Phone to DUT (TA Charging from DUT)
DUT to Phone test configuration 5	Charging from Watch to DUT
DUT to Phone test configuration 6	Charging from Watch to DUT (TA Charging from DUT)
DUT to Phone test configuration 7	Charging from Ear buds to DUT
DUT to Phone test configuration 8	Charging from Ear buds to DUT (TA Charging from DUT)

Note:

1. Configuration 2,4,6 and 8 were tested with the worst case of configuration 1,3,5 and 7

3.3 KDB 680106 D01 Wireless Power Transfer v04. SECTION 5.2)

Requirement	Device
(1) Power transfer frequency is less than 1 ㎒.	Yes. Operation Frequency is between 110 ㎑ to 148 ㎑.
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. Maximum power is 9 Watts.
(3) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)	Yes.
(4) Only § 2.1091-Mobile exposure conditions apply	Yes.
(5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1.	Yes. The aggregate field strengths at 20 cm from the device is 7.61 % of the H field and 0.31 % of the E-Field Limit
(6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested	No, it is a single radiating structure.

3.4 DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT & PERIPHERALS

SUPPORT EQUIPMENT & PERIPHERALS LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Watch	SAMSUNG Electronics Co., Ltd.	SM-R835F	A2103117677	A3LSMR835
Ear Buds	SAMSUNG Electronics Co., Ltd	SM-R180	A2011103347	A3LSMR180L A3LSMR180R
Phone	SAMSUNG Electronics Co., Ltd.	SM-G986B/DS	R5CN101A0JM	A3LSMG986B

TEST SETUP

The following three modes are tested in test configuration;

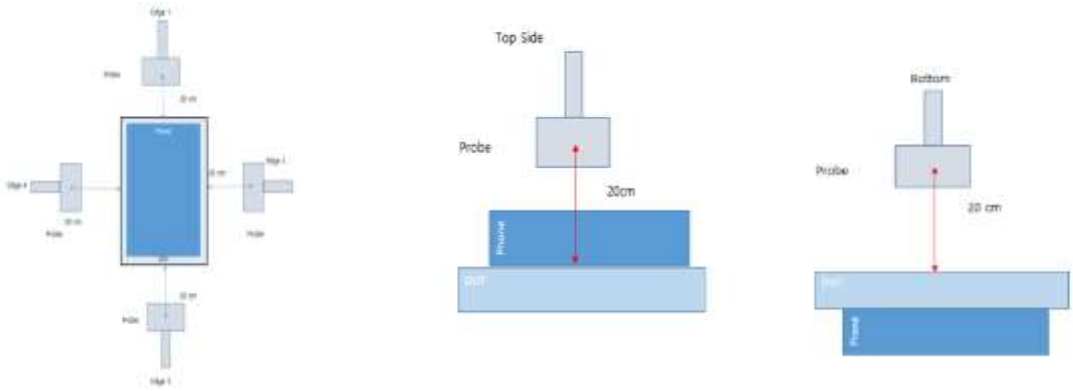
All Position of client device were investigated and the worst position results are reported.

Mode
Operating (SUPPORT Equipment, <10% Power Charging)
Operating (SUPPORT Equipment, 50~55% Power Charging)
Operating (SUPPORT Equipment, 90~95% Power Charging)

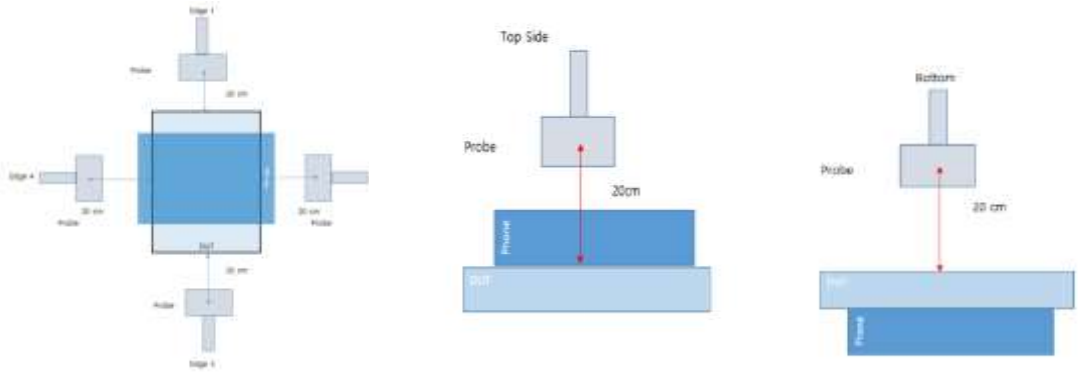
MEASUREMENT TEST SETUP

The measurement was taken using a probe place 20 cm from the all edges of DUT above the DUT. Measurement were from the top and all sides of the DUT per 680106 D01 Wireless Power Transfer v04. Additionally, as the DUT to phone configuration could result with the DUT place either above or below the phone, measurements were performed 'below' the DUT by flipping the DUT/phone so that the DUT was uppermost.

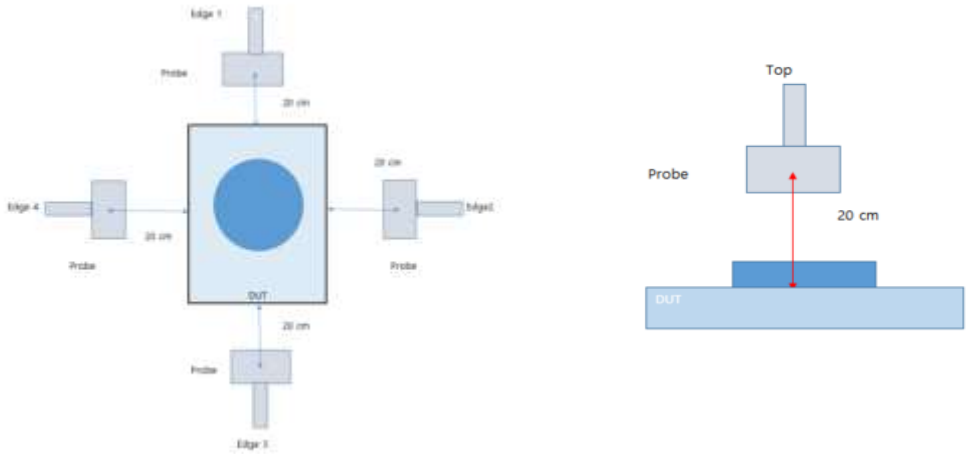
The probe was moved along the edges or above the DUT to a position that showed the maximum field strength. This position was used for the reported result.



DUT to phone test Configuration 1 & 2



DUT to phone test Configuration 3 & 4



DUT to Watch/Ear buds test Configuration 5 & 6 and 7 & 8

4. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was used for the tests documented in this report:

Manufacturer	Model name	Description	S/N	Calib. Date	Calib.Due
Narda	EHP 200AC	Electric and Magnetic Field Probe	170WX91009	07/29/2022	07/29/2024

5. MAXIMUM PERMISSIBLE RF EXPOSURE

1.13010 The criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio-frequency(RF) radiation as specified in 1.1307(b), except in the case of portable devices which shall be evaluated according the provisions of 2.1093 of this chapter.

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)	Averaging time (minutes)
(A) Limits for Occupational/Controlled 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
300–1500			f/300	6
1500–100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f^2)	30

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)—Continued

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
30–300	27.5	0.073	0.2	30
300–1500			f/1500	30
1500–100,000			1.0	30

f = frequency in MHz
* = Plane-wave equivalent power density

NOTE 1 TO TABLE 1: Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

6. TEST RESULTS

H-Field Measurements

[Folder Open]

Note : peak measurements were performed. RMS values were calculated from the peak measurement.
Please refer to the formula for calculating the RMS value: [Field Strength * √Duty Cycle]

TEST results of DUT to phone test Configuration 1&2

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 1	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.051
			Bottom		0.068
			Edge 1		**0.073**
			Edge 2		0.053
			Edge 3		0.057
			Edge 4		0.052
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.055
			Bottom		0.060
			Edge 1		0.052
			Edge 2		0.054
			Edge 3		0.056
			Edge 4		0.058
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.057
			Bottom		0.060
			Edge 1		0.054
			Edge 2		0.057
			Edge 3		0.058
			Edge 4		0.054
Configuration 2	Operation Real Product (Power <10% charging)	20 cm	Edge 1	1.63	0.053

TEST results of DUT to phone test Configuration 3&4

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 3	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.056
			Bottom		0.088
			Edge 1		0.055
			Edge 2		0.067
			Edge 3		0.055
			Edge 4		0.098
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.055
			Bottom		0.094
			Edge 1		0.054
			Edge 2		0.068
			Edge 3		0.056
			Edge 4		0.105
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.059
			Bottom		0.104
			Edge 1		0.055
			Edge 2		0.058
			Edge 3		0.055
			Edge 4		**0.109**
Configuration 4	Operation Real Product (Power 90~95% charging)	20 cm	Edge 4	1.63	0.093

TEST results of DUT to Watch test Configuration 5&6

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 5	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.056
			Edge 1		0.053
			Edge 2		0.056
			Edge 3		0.053
			Edge 4		0.052
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.055
			Edge 1		0.052
			Edge 2		0.055
			Edge 3		0.054
			Edge 4		0.056
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.053
			Edge 1		0.055
			Edge 2		**0.057**
			Edge 3		0.055
			Edge 4		0.054
Configuration 6	Operation Real Product (Power 90~95% charging)	20 cm	Edge 2	1.63	0.054

TEST results of DUT to Ear Buds test Configuration 7&8

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 7	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.067
			Edge 1		0.057
			Edge 2		**0.080**
			Edge 3		0.058
			Edge 4		0.065
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.066
			Edge 1		0.056
			Edge 2		0.064
			Edge 3		0.074
			Edge 4		0.064
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.075
			Edge 1		0.054
			Edge 2		0.067
			Edge 3		0.076
			Edge 4		0.053
Configuration 8	Operation Real Product (Power <10% charging)	20 cm	Edge 2	1.63	0.098

E-Field Measurements

[Folder Open]

Note : peak measurements were performed. RMS values were calculated from the peak measurement.
Please refer to the formula for calculating the RMS value: [Field Strength * √Duty Cycle]

TEST results of DUT to phone test Configuration 1&2

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 1	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.452
			Bottom		0.594
			Edge 1		0.547
			Edge 2		0.522
			Edge 3		1.098
			Edge 4		0.470
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.335
			Bottom		0.569
			Edge 1		0.556
			Edge 2		0.435
			Edge 3		**1.291**
			Edge 4		0.483
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.466
			Bottom		0.659
			Edge 1		0.461
			Edge 2		0.448
			Edge 3		1.243
			Edge 4		0.421
Configuration 2	Operation Real Product (Power 50~55% charging)	20 cm	Edge 3	614	0.959

TEST results of DUT to phone test Configuration 3&4

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 3	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.334
			Bottom		0.553
			Edge 1		0.575
			Edge 2		0.402
			Edge 3		0.729
			Edge 4		1.050
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.506
			Bottom		0.558
			Edge 1		0.575
			Edge 2		0.471
			Edge 3		0.570
			Edge 4		1.260
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.410
			Bottom		0.547
			Edge 1		0.481
			Edge 2		0.389
			Edge 3		0.589
			Edge 4		1.006
Configuration 4	Operation Real Product (Power 50~55% charging)	20 cm	**Edge 4**	614	**1.880**

TEST results of DUT to Watch test Configuration 5&6

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 5	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.343
			Edge 1		0.334
			Edge 2		0.334
			Edge 3		0.326
			Edge 4		0.373
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.346
			Edge 1		0.359
			Edge 2		0.343
			Edge 3		0.335
			Edge 4		0.400
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.338
			Edge 1		0.335
			Edge 2		0.326
			Edge 3		0.318
			Edge 4		0.389
Configuration 6	Operation Real Product (Power 90~95% charging)	20 cm	**Edge 4**	614	**0.410**

TEST results of DUT to Ear Buds test Configuration 7&8

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 7	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.473
			Edge 1		0.537
			Edge 2		0.409
			Edge 3		0.402
			Edge 4		0.474
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.545
			Edge 1		0.422
			Edge 2		0.326
			Edge 3		0.383
			Edge 4		0.482
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.416
			Edge 1		0.507
			Edge 2		0.327
			Edge 3		0.326
			Edge 4		**0.579**
Configuration 8	Operation Real Product (Power 90~95% charging)	20 cm	Edge 4	614	0.454

H-Field Measurements

[Folder Close]

Note : peak measurements were performed. RMS values were calculated from the peak measurement.

Please refer to the formula for calculating the RMS value: [Field Strength * √Duty Cycle]

TEST results of DUT to phone test Configuration 1&2

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 1	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.054
			Bottom		0.051
			Edge 1		0.052
			Edge 2		**0.066**
			Edge 3		0.052
			Edge 4		0.055
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.056
			Bottom		0.052
			Edge 1		0.054
			Edge 2		0.055
			Edge 3		0.058
			Edge 4		0.053
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.053
			Bottom		0.055
			Edge 1		0.053
			Edge 2		0.054
			Edge 3		0.055
			Edge 4		0.052
Configuration 2	Operation Real Product (Power <10% charging)	20 cm	Edge 2	1.63	0.053

TEST results of DUT to phone test Configuration 3&4

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 3	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.052
			Bottom		0.054
			Edge 1		0.053
			Edge 2		0.060
			Edge 3		0.051
			Edge 4		0.070
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.053
			Bottom		0.054
			Edge 1		0.058
			Edge 2		0.063
			Edge 3		0.054
			Edge 4		0.070
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.054
			Bottom		0.053
			Edge 1		0.050
			Edge 2		**0.071**
			Edge 3		0.053
			Edge 4		0.068
Configuration 4	Operation Real Product (Power 90~95% charging)	20 cm	Edge 2	1.63	0.070

TEST results of DUT to Watch test Configuration 5&6

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 5	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.053
			Edge 1		0.054
			Edge 2		0.056
			Edge 3		0.055
			Edge 4		0.053
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.053
			Edge 1		0.052
			Edge 2		0.055
			Edge 3		0.056
			Edge 4		0.056
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.052
			Edge 1		0.051
			Edge 2		0.054
			Edge 3		**0.057**
			Edge 4		0.054
Configuration 6	Operation Real Product (Power 90~95% charging)	20 cm	Edge 3	1.63	0.054

TEST results of DUT to Ear Buds test Configuration 7&8

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	H-Field Limit (A/m)	H-Field meas data (A/m)
Configuration 7	Operation Real Product (Power <10% charging)	20 cm	Top	1.63	0.066
			Edge 1		0.054
			Edge 2		0.103
			Edge 3		0.076
			Edge 4		0.060
	Operation Real Product (Power 50~55% charging)	20 cm	Top	1.63	0.068
			Edge 1		0.052
			Edge 2		0.124
			Edge 3		0.079
			Edge 4		0.068
	Operation Real Product (Power 90~95% charging)	20 cm	Top	1.63	0.070
			Edge 1		0.052
			Edge 2		0.112
			Edge 3		0.086
			Edge 4		0.056
Configuration 8	Operation Real Product (Power 50~55% charging)	20 cm	Edge 2	1.63	0.117

E-Field Measurements

[Folder Open]

Note : peak measurements were performed. RMS values were calculated from the peak measurement.
Please refer to the formula for calculating the RMS value: [Field Strength * √Duty Cycle]

TEST results of DUT to phone test Configuration 1&2

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 1	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.543
		20 cm	Bottom		0.987
			Edge 1		0.383
			Edge 2		0.335
			Edge 3		0.576
			Edge 4		0.326
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.698
		20 cm	Bottom		1.163
			Edge 1		0.361
			Edge 2		0.357
			Edge 3		0.535
			Edge 4		0.349
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.681
		20 cm	Bottom		0.996
			Edge 1		0.373
			Edge 2		0.381
			Edge 3		0.609
			Edge 4		0.334
Configuration 2	Operation Real Product (Power 50~55% charging)	20 cm	Bottom	614	0.987

TEST results of DUT to phone test Configuration 3&4

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 3	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.599
		20 cm	Bottom		0.893
			Edge 1		0.378
			Edge 2		0.828
			Edge 3		0.349
			Edge 4		0.326
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.582
		20 cm	Bottom		0.974
			Edge 1		0.396
			Edge 2		0.715
			Edge 3		0.361
			Edge 4		0.349
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.856
		20 cm	Bottom		0.896
			Edge 1		0.365
			Edge 2		0.699
			Edge 3		0.371
			Edge 4		0.308
Configuration 4	Operation Real Product (Power 50~55% charging)	20 cm	**Bottom**	614	**0.987**

TEST results of DUT to Watch test Configuration 5&6

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 5	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.338
		20 cm	Edge 1		0.356
			Edge 2		0.343
			Edge 3		0.334
			Edge 4		0.347
	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.325
		20 cm	Edge 1		0.346
			Edge 2		0.335
			Edge 3		0.326
			Edge 4		0.328
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.357
		20 cm	Edge 1		0.327
			Edge 2		0.327
			Edge 3		**0.364**
			Edge 4		0.334
Configuration 6	Operation Real Product (Power 90~95% charging)	20 cm	Edge 3	614	0.351

TEST results of DUT to Ear Buds test Configuration 7&8

FCC RF Exposure Result					
Test Configuration	Test mode	Test distance	Test Position	E-Field Limit (V/m)	E-Field meas data (V/m)
Configuration 7	Operation Real Product (Power <10% charging)	20 cm	Top	614	0.500
		20 cm	Edge 1		0.337
			Edge 2		0.334
			Edge 3		0.327
			Edge 4		0.343
	Operation Real Product (Power 50~55% charging)	20 cm	**Top**	614	**0.682**
		20 cm	Edge 1		0.335
			Edge 2		0.325
			Edge 3		0.349
			Edge 4		0.340
	Operation Real Product (Power 90~95% charging)	20 cm	Top	614	0.603
		20 cm	Edge 1		0.327
			Edge 2		0.427
			Edge 3		0.326
			Edge 4		0.326
Configuration 8	Operation Real Product (Power 50~55% charging)	20 cm	Top	614	0.657

7. Conclusion

	H-Field (A/m)	E-Field (V/m)
MPE Limit	1.63	614
Maximum Measurement Result	0.124	1.88
Percentage (%)	7.61	0.31

H-Field, E-Field test result was less than 50% of MPE Limit