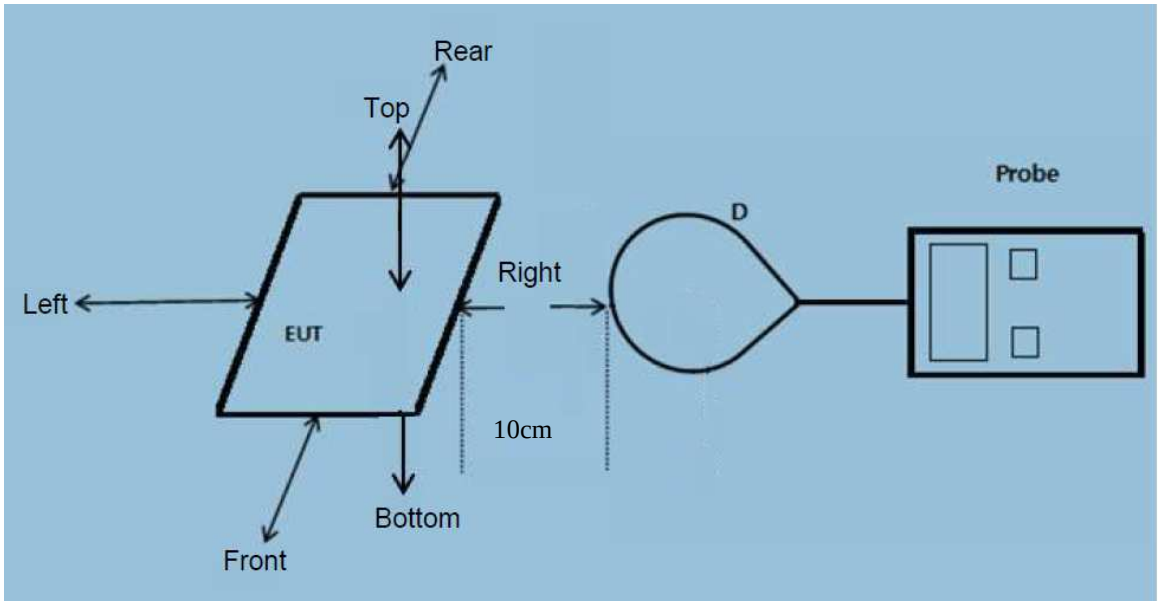
TEST REPORT

Test Setup Configuration



Note

- The RF exposure test is performed in the shield room.
- The test distance is between the edge of the charger and the geometric centre of probe.

Test Equipment List

Equip No.	Description	Manufacturer	Model No.	Cal. Date	Due Date
SZ186-03	Exposure Level Tester	Narda	ELT-400 2304/03	15-Mar-2016	15-Mar-2017

Reference Limit:

Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(c) and (d), 1.1310

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation

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/Controlled Exposure				
0.3 – 3.0	614	1.63	(100)*	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3 – 1.34	614	1.63	(100)*	30

Note: * = Plane wave equivalent power density

Test Mode: Transfer initiation & termination mode.

Test Result: Pass

H-Field Strength at 10 cm from the edges surrounding the EUT

Frequency Range (MHz)	Front (A/m)	Rear (A/m)	Left (A/m)	Right (A/m)	Top (A/m)	Bottom (A/m)	Limits (A/m)
0.115	0.034	0.040	0.030	0.031	0.030	0.018	1.63

E-Field Strength (calculated) at 10 cm from the edges surrounding the EUT

Frequency Range (MHz)	Front (V/m)	Rear (V/m)	Left (V/m)	Right (V/m)	Top (V/m)	Bottom (V/m)	Limits (V/m)
0.115	12.8	15.1	11.3	11.7	11.3	6.8	614

Note:

1. E= 377* H,
   E = electric field strength (V/m), H = magnetic field strength (A/m)

2. The maximum E-field Strength at 3m is 81.7dBuV/m, According to FCC KDB 412172D01:
   The EIRP = (FS*D) ^2 / 30 = -13.5 dBm

Configuration photo of the test:

1. Measuring distance 10 cm