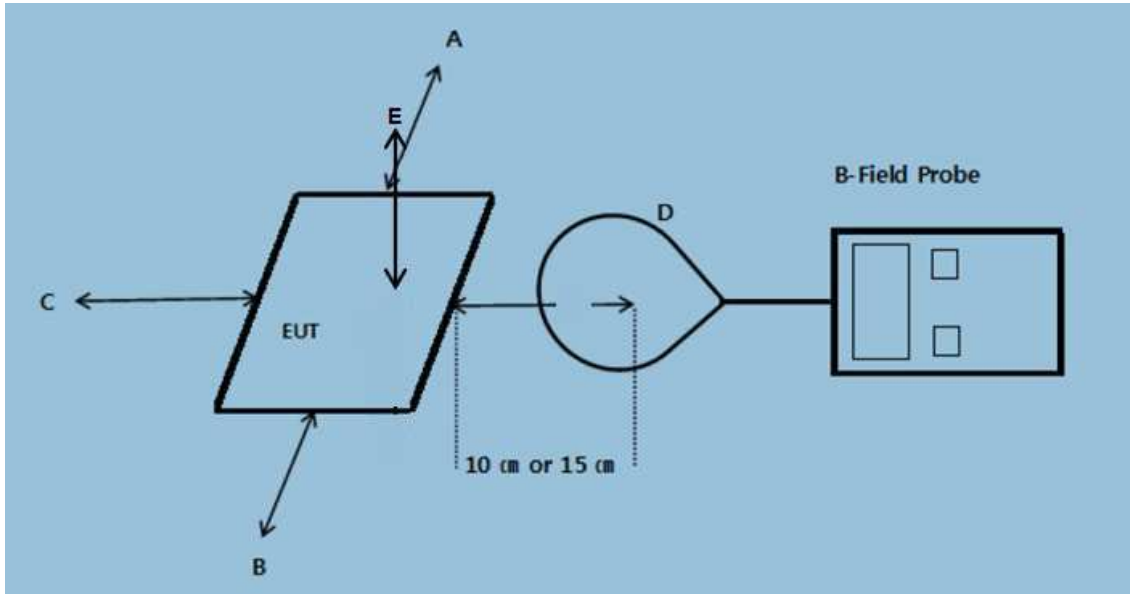


## RF Exposure

### 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

Name of instrument	Model	Manufacturer	Cal. Date	Due Date
MAGNETIC FIELD HiTESTER	3470	Hioki	25-Jun-11	25-Jun-13

Test Date: March 25, 2013

**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 <sup>2</sup> )	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:** Normal Operation (Transmit with Charging Mode)

**Test Result:**

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

Frequency Range (MHz)	Probe Position A (A/m)	Probe Position B (A/m)	Probe Position C (A/m)	Probe Position D (A/m)	Probe Position E (A/m)	Limits (A/m)
0.135~0.205	0.028	0.029	0.043	0.030	0.038	1.63

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

Frequency Range (MHz)	Probe Position A (V/m)	Probe Position B (V/m)	Probe Position C (V/m)	Probe Position D (V/m)	Probe Position E (V/m)	Limits (V/m)
0.135~0.205	10.556	10.933	16.211	11.310	14.326	614

Note:

1.  $E = 377 \cdot H$ ,

E = electric field strength (V/m), H = magnetic field strength (A/m)

2. The maximum E-field Strength at 3m is 73.9dBuV/m, According to FCC KDB 412172D01:

The EIRP =  $(FS \cdot D)^2 / 30 = -21.3 \text{ dBm}$