

RF EXPOSURE REPORT

Environmental evaluation and exposure limit according to FCC CFR 47 Part 1.1307(b), 1.1310

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
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30

*** means Plane-wave equivalent power density

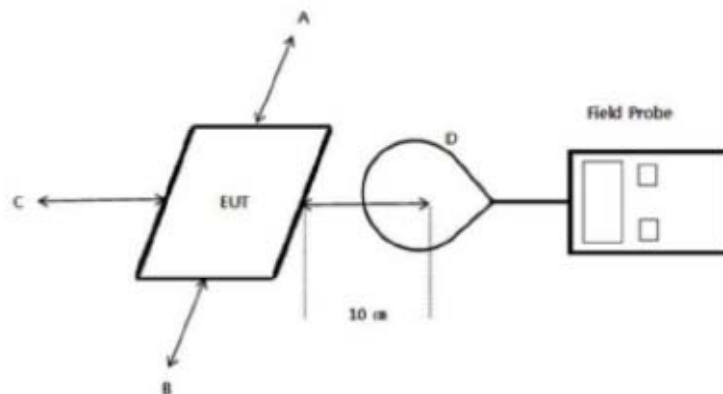
2. Test mode

Mode	Description
Charging mode with load	Using Max. load
	Using Mid. load
	Using Min. load

3. Test equipment

Equipment	Manufacturer	Model	Serial No.	Due Date
3M Chamber & Accessory Equipment	TDK	SAC-3	---	06/01/2016
Magnetic field probe	Narda	2304/03	M-0018	09/04/2016

4. Test setup



1. The test was performed on 360 degree turn table in anechoic chamber.
2. The probe was placed at distance 10 cm which is between the edge of the charger and the geometric centre of the probe.
3. The highest emission level was recorded and compared with limit as soon as measurement of each point; A, B, C, D were completed.
4. The EUT was measured according to the KDB 680106 D01v02.

5. Test results

5.1 E-Field Strength at 10 cm from each edges the EUT

Test mode	Frequency range (kHz)	Position A (V/m)	Position B (V/m)	Position C (V/m)	Position D (V/m)	Limits (V/m)
Charging mode with load (Max.)	73kHz	0.58	0.57	0.44	0.49	614
Charging mode with load (Mid.)	73kHz	0.57	0.59	0.51	0.47	614
Charging mode with load (Min.)	73kHz	0.62	0.6	0.48	0.50	614

Remark:

Max. = <1% battery status

Mid. = 50% battery status

Min. = >95% battery status

5.2 H-Field Strength at 10 cm from each edges the EUT

Test mode	Frequency range (kHz)	Position A (A/m)	Position B (A/m)	Position C (A/m)	Position D (A/m)	Limits (A/m)
Charging mode with load (Max.)	73kHz	0.20	0.17	0.19	0.17	1.63
Charging mode with load (Mid.)	73kHz	0.22	0.18	0.16	0.17	1.63
Charging mode with load (Min.)	73kHz	0.22	0.18	0.16	0.18	1.63

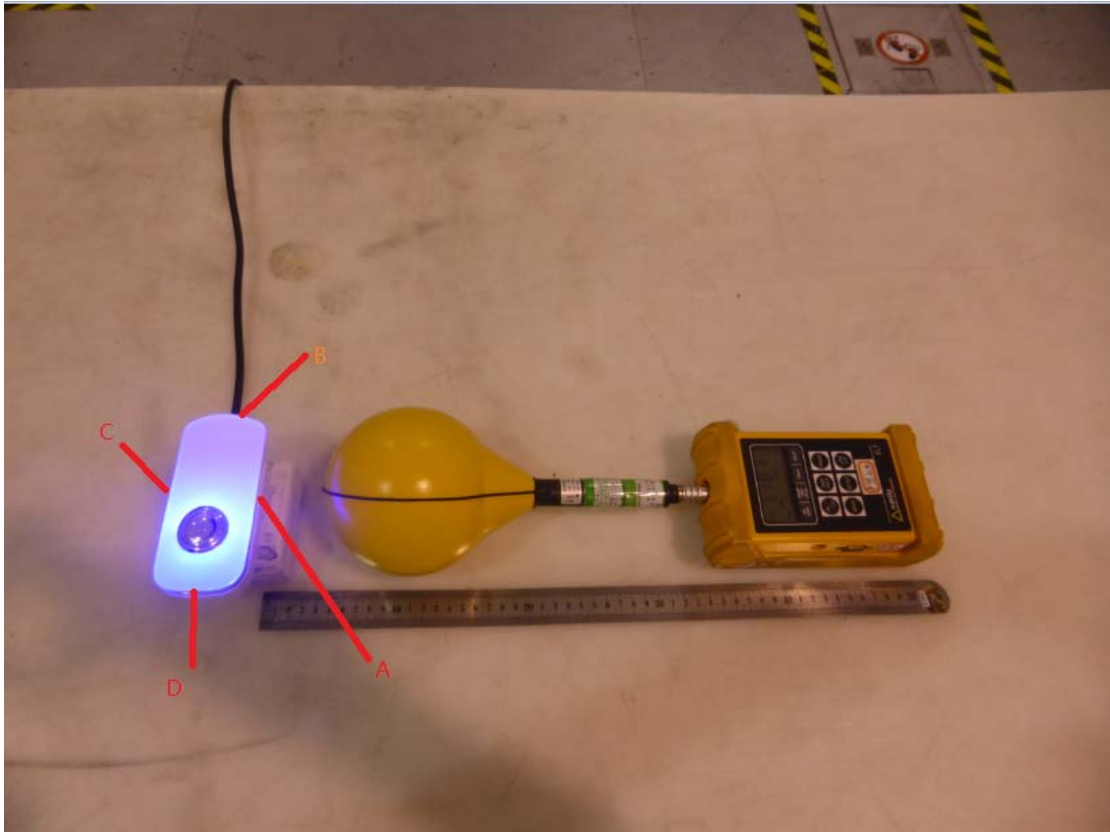
Remark:

Max. = <1% battery status

Mid. = 50% battery status

Min. = >95% battery status

Test setup photo



Charging Mode with load