# 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)	,		Average Time (minutes)			
(A)Limits for Occupational / Control Exposures							
0.3-3.0	614	614 1.63 *(100)		6			
(B) Limits for General Population/Uncontrolled Exposure							
0.3-1.34	614	1.63	*(100)	30			

<sup>&</sup>quot;\*" means Plane-wave equivalent power density

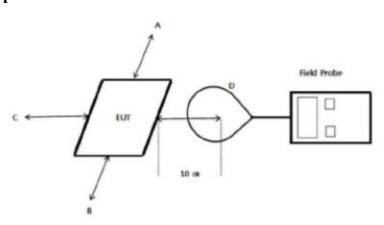
#### 2. Test mode

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

#### 3. Test equipment

Equipment	Manufacturer	Model	Serial No.	<b>Due Date</b>	
3M Chamber &	TDK	SAC-3		06/01/2016	
Accessory Equipment	IDK	SAC-3		00/01/2010	
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

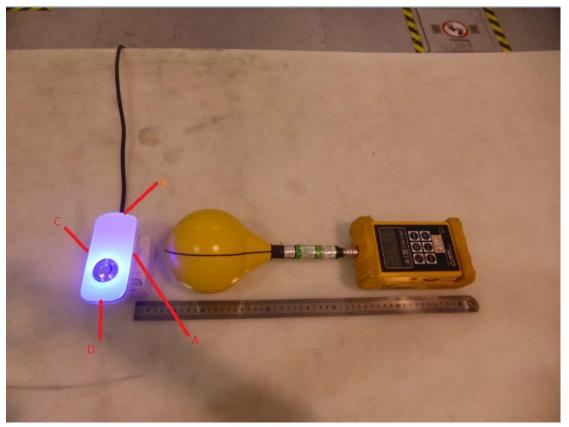
Remark:

Max. = <1% battery status

Mid. = 50% battery status

Min. = >95% battery status

# **Test setup photo**



Charging Mode with load