

FCC ID: ZVAPS000020

FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

TCL Technoly Electronics (Huizhou) Co.,Ltd

Levitation Bluetooth Speaker
(Mars Craft)

Model Number: L141

FCC ID: ZVAPS000020

Prepared for : TCL Technoly Electronics (Huizhou) Co.,Ltd
Section 37, Zhongkai High-tech Development Zone,
Huizhou City, Guang Dong Province, China, 516006

Prepared By : EST Technology Co., Ltd.
Santun(guantai Road), Houjie Town, DongGuan City,
GuangDong, China.

Tel: 86-769-83081888-808

Report Number: ESTE-R1509030
Date of Test : August 15~September 09,2015
Date of Report : September 11,2015

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

1. Limits for Maximum Permissible Exposure (MPE)

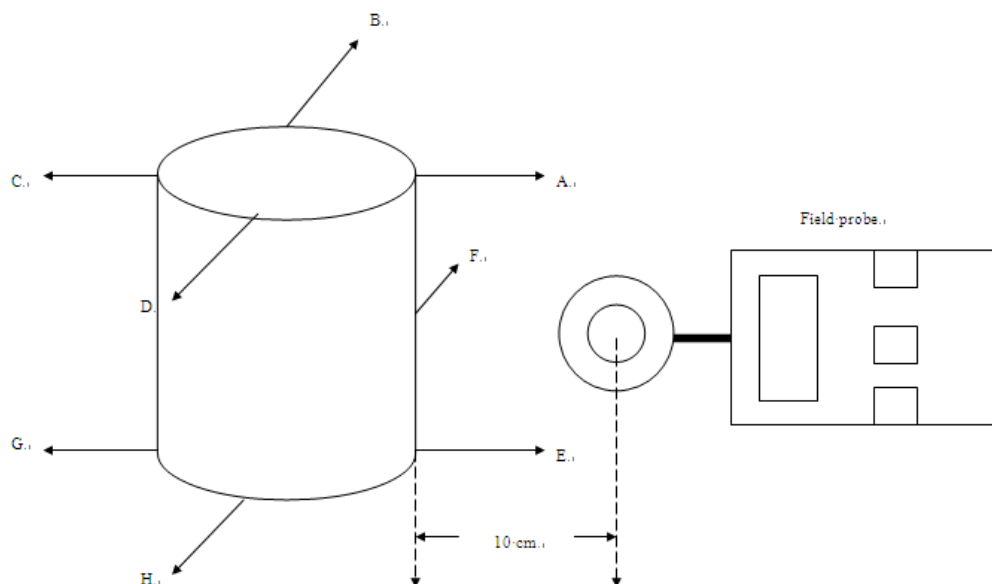
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)
(A) Limits for Occupational / Control Exposures				
0.3-3.0	614	1.63	*(100)	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30

“*” means Plane-wave equivalent power density

2. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Magnetic field probe	Narda	2304/03	M-0018	June,29,15	1 Year

3. Test setup



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

4. Test Mode

Mode	Description
Charging mode with Craft	Low Load
	Mid Load
	High Load
Remark: Low Load. = <1% battery status Mid Load. = 50% battery status High.Load = >95% battery status	

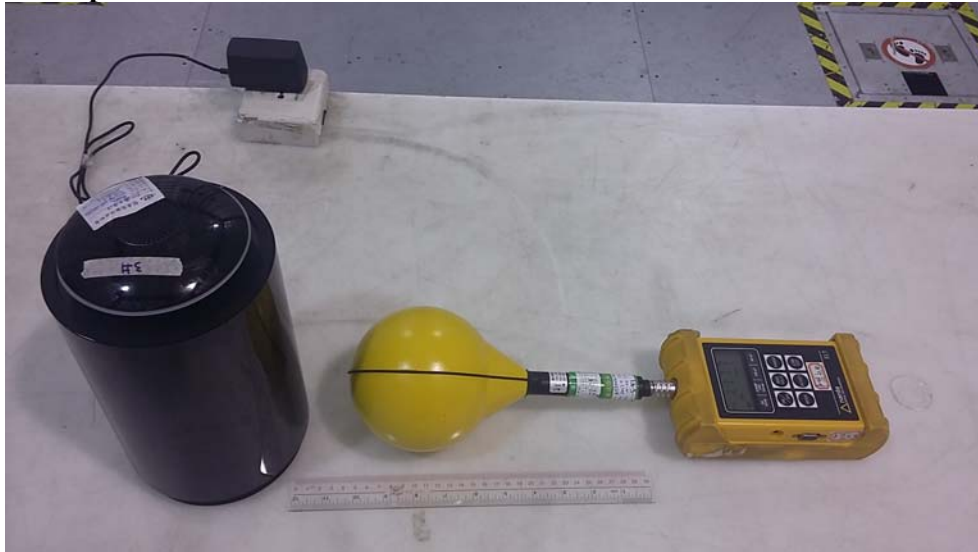
5. E-Field Test Result

Test Mode	Low Load	Mid Load	High Load
Frequency range (kHz)	112~205 kHz		
Position A(V/m)	0.814	0.736	0.712
Position B(V/m)	0.772	0.721	0.635
Position C(V/m)	0.765	0.701	0.610
Position D(V/m)	0.779	0.746	0.689
Position E(V/m)	0.756	0.689	0.621
Position F(V/m)	0.721	0.722	0.606
Position G(V/m)	0.802	0.699	0.687
Position H(V/m)	0.775	0.711	0.643
Limits (V/m)	614		

6. H-Field Test Result

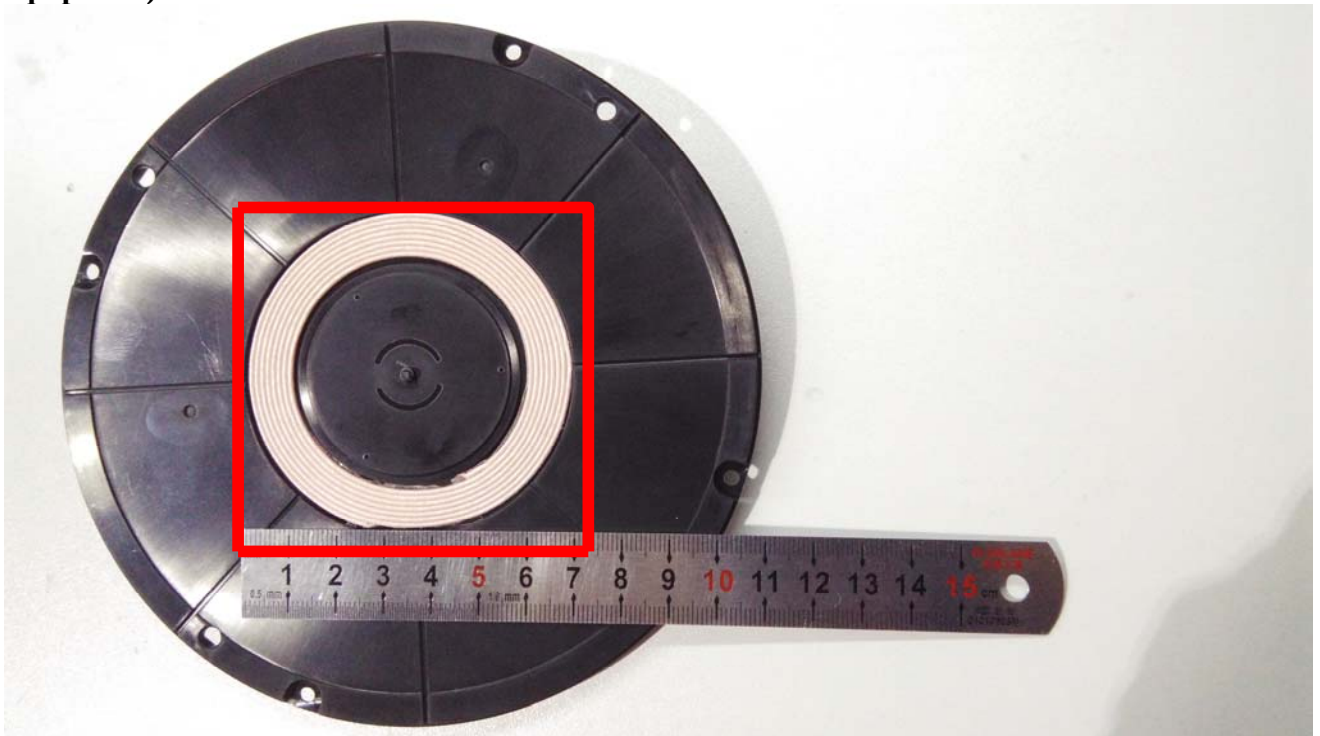
Test Mode	Low Load	Mid Load	High Load
Frequency range (kHz)	112~205 kHz		
Position A(A/m)	0.107	0.097	0.091
Position B(A/m)	0.103	0.089	0.088
Position C(A/m)	0.102	0.087	0.092
Position D(A/m)	0.103	0.095	0.092
Position E(A/m)	0.101	0.088	0.089
Position F(A/m)	0.098	0.087	0.090
Position G(A/m)	0.106	0.094	0.092
Position H(A/m)	0.103	0.090	0.086
Limits (A/m)	1.63		

7. Test Setup Photo



Note: The Craft must be placed in the horizontal of the equipment at the top.(Parallel to the coil)

8. The inductive area is below(Coupling area: $\varnothing$ 67.2 mm, The located at top of the equipment):



====END====