



MPE Test Report

Report No: FCS202510110W01

Issued for

Applicant:	LEADER PREMIUMS LIMITED
Address:	9/F., Hengfu Mansion, NO.858. Fuming Road, Ningbo, China
Product Name:	Ultra Thin Fabric Wireless Charging Pad
Brand Name:	N/A
Model Name:	AB0068
Series Model:	7141-83GY
FCC ID:	2APYY-AB0068-1
Issued By: Flux Compliance Service Laboratory Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan Tel: 769-27280901 Fax:769-27280901 http://www.fcs-lab.com	

RF Exposure Evaluation

FCC ID: 2APYY-AB0068-1

1 Measuring Standard

KDB 680106 Wireless Power Transfer D01 V04

2 Requirements

All requirements refer to Section 3 of KDB 680106 D01V04:

1.The devices may be considered to meet the § 2.1091-Mobile conditions (“generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source’s radiating structure(s) and [the nearest person]”)

2.Devices Operating at Frequencies Below 4 MHz.

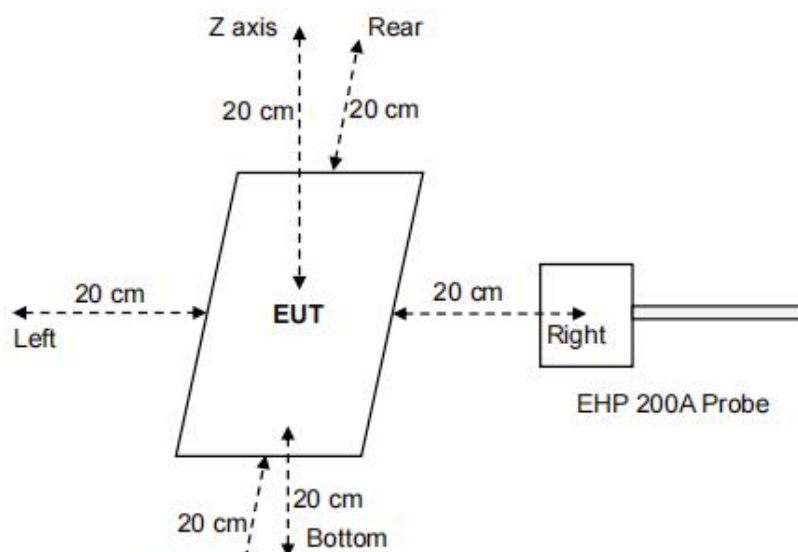
3.For § 2.1091-Mobile devices, the MPE limits between 100 kHz to 300 kHz are to be considered the same as those at 300 kHz in Table 1 of § 1.1310, that is, 614 V/m and 1.63 A/m, for the electric field and magnetic field, respectively.

3 Limits

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

4 Test Setup



5 Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at test distance (20 cm from the top) which is between the edge of the charger and the geometric center of probe.
- 3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed
- 4) The EUT was measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

6 Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for H-Field	2.36dB
Uncertainty for E-Field	2.42dB
Uncertainty for conducted RF Power	0.62dB
Uncertainty for temperature	0.2°C
Uncertainty for humidity	1.1%
Uncertainty for DC and low frequency voltages	0.06%



7 GENERAL DESCRIPTION OF THE EUT

Product Name	Ultra Thin Fabric Wireless Charging Pad
Trade Name	N/A
Model Name	AB0068
Series Model	7141-83GY
Model Difference	PCB board, structure and internal of these model(s) are the same, only differing in appearance and color. So no additional models were tested
Channel List	Please refer to the Note 2.
Operation frequency	115-205 KHZ
Modulation Type	MSK
Antenna Type	Inductive Loop Antenna with 0dBi
Power Supply	Input: DC 5V/1.5A Output: 5W
Rated voltage	5V DC passes through the voltage source
Test voltage	5V DC passes through the voltage source
Hardware version number	wirelesscharging-AB0198
Software version number	leader.2021.11
Connecting I/O Port(s)	Please refer to the User's Manual

8 Equipment list

Test Equipment	Manufacturer	Model No.	SN.	Last calibration	Calibrated until
Electric and Magnetic field probe-Analyzer	Narda	EHP-200A	N03565	Aug 25,2025	Aug 24,2026

Placement Mode 1 Photo



9 Test mode

	Mode 1	5W

10 Necessary accessories

Equipment	Mfr/Brand	Model/Type No.	Serial No.	Note

1	phone	XIAOMI	XIAOMI 15	N/A	This is for testing only in report.
2	adapter	XIAOMI	AD652G	N/A	This is for testing only in report.

11 Test Result

Placement Mode 1																																												
E-Filed Strength at 20 cm from the edges surrounding the EUT (V/m)																																												
<table><tr><th>Battery power</th><th>Frequency Range(MHz)</th><th>Test Position A</th><th>Test Position B</th><th>Test Position C</th><th>Test Position D</th><th>Limits (V/m)</th><th>50%M PE limit (V/m)</th><th>Result</th></tr><tr><td>1%</td><td>0.100-0.205</td><td>1.46</td><td>1.48</td><td>0.59</td><td>0.59</td><td>614</td><td>307</td><td>PASS</td></tr><tr><td>50%</td><td>0.100-0.205</td><td>1.51</td><td>1.48</td><td>0.49</td><td>0.63</td><td>614</td><td>307</td><td>PASS</td></tr><tr><td>95%</td><td>0.100-0.205</td><td>1.29</td><td>1.51</td><td>0.48</td><td>0.61</td><td>614</td><td>307</td><td>PASS</td></tr></table>									Battery power	Frequency Range(MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Limits (V/m)	50%M PE limit (V/m)	Result	1%	0.100-0.205	1.46	1.48	0.59	0.59	614	307	PASS	50%	0.100-0.205	1.51	1.48	0.49	0.63	614	307	PASS	95%	0.100-0.205	1.29	1.51	0.48	0.61	614	307	PASS
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<table><tr><th>Battery power</th><th>Frequency Range(MHz)</th><th>Test Position E</th><th>Limits (V/m)</th><th>50%MPE limit(V/m)</th><th>Result</th></tr><tr><td>1%</td><td>0.100-0.205</td><td>1.28</td><td>614</td><td>307</td><td>PASS</td></tr><tr><td>50%</td><td>0.100-0.205</td><td>1.30</td><td>614</td><td>307</td><td>PASS</td></tr><tr><td>95%</td><td>0.100-0.205</td><td>1.36</td><td>614</td><td>307</td><td>PASS</td></tr></table>									Battery power	Frequency Range(MHz)	Test Position E	Limits (V/m)	50%MPE limit(V/m)	Result	1%	0.100-0.205	1.28	614	307	PASS	50%	0.100-0.205	1.30	614	307	PASS	95%	0.100-0.205	1.36	614	307	PASS												
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Battery power	Frequency Range(MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Limits (A/m)	50%MP E limit (A/m)	Result
1%	0.100-0.205	0.67	0.66	0.65	0.64	1.63	0.815	PASS
50%	0.100-0.205	0.63	0.60	0.61	0.67	1.63	0.815	PASS
95%	0.100-0.205	0.67	0.60	0.62	0.64	1.63	0.815	PASS

H-Filed Strength at 20 cm from the top of the EUT (A/m)

Battery power	Frequency Range(MHz)	Test Position E	Limits (A/m)	50%MPE limit (A/m)	Result
1%	0.100-0.205	0.56	1.62	0.815	PASS
50%	0.100-0.205	0.56	0.61	0.815	PASS
95%	0.100-0.205	0.55	1.64	0.815	PASS

Tested by: Nels wang

Reviewed by:



*****END OF THE REPORT*****