

EUT Specification

FCC ID: 2A46S-HX200Q9

Characteristics	Description
Product Name	Power Bank
Model number	HX200Q9
Power Supply	AC120V/60Hz for adapter
Operating Frequency Range	110-205KHz
Modulation Technique	ASK
Antenna Type	Induction coil
Device category	☒ Portable (<20cm separation) ☐ Mobile (>20cm separation) ☐ Others ____
Exposure classification	☐ Occupational/Controlled exposure ☒ General Population/Uncontrolled exposure
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Evaluation applied	☒ MPE Evaluation ☐ SAR Evaluation

Applicable Standard:

FCC Part 1(1.1310) ,Part 2(2.1091) and KDB 680106 D01 RF Exposure
Wireless Charging Apps v03

Applicable Requirement:

Three different categories of transmitters are defined by the FCC in OET Bulletin 65.

These categories are fixed installation, mobile, and portable and are defined as follows:

Fixed Installations: fixed location means that the device, including its

antenna, is physically secured at a permanent location and is not able to be easily moved to another location. Additionally, distance to humans from the antenna is maintained to at least 2 meters.

Mobile Devices: a mobile device is defined as a transmitting device designed to be used in other than fixed locations and to be generally used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structures and the body of the user or nearby persons. Transmitters designed to be used by consumers or workers that can be easily re-located, such as a wireless modem operating in a laptop computer, are considered mobile devices if they meet the 20 centimeter separation requirement. The FCC rules for evaluating mobile devices for RF compliance are found in 47 CFR §2.1091.

Portable Devices: a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user. Portable device requirements are found in Section 2.1093 of the FCC's Rules (47 CFR§2.1093).

The FCC also categorizes the use of the device as based upon the user's awareness and ability to exercise control over his or her exposure. The two categories defined are Occupational/ Controlled Exposure and General Population/Uncontrolled Exposure.

These two categories are defined as follows:

Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when a person is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure. The phrase fully aware in the context of applying these exposure limits means that an exposed person has received written and/or verbal information fully explaining the potential for RF exposure resulting from his or her employment. With the exception of transient persons, this phrase also means that an exposed person has received appropriate training regarding work practices relating to controlling or mitigating his or her exposure. Such training is not required for transient persons, but they must receive written and/or verbal information and notification (for example, using signs) concerning their exposure potential and appropriate means available to mitigate their exposure. The phrase exercise control means that an exposed person is allowed to and knows how to reduce or avoid exposure by administrative or engineering controls and work practices, such as use of personal protective equipment or time averaging of exposure.

General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Licensees and applicants are responsible for compliance with both the occupational/controlled exposure limits and the general population/uncontrolled exposure limits as they apply to transmitters under their jurisdiction. Licensees and applicants should be aware that the occupational/controlled exposure limits apply especially in situations where workers may have access to areas in very close proximity to antennas and access to the general public may be restricted.

In lieu of evaluation with the general population/uncontrolled exposure limits, amateur licensees authorized under part 97 of this chapter and members of his or her immediate household may be evaluated with respect to the occupational/controlled exposure limits in this section, provided appropriate training and information has been provided to the amateur licensee and members of his/her household. Other nearby persons who are not members of the amateur licensee's household must be evaluated with respect to the general population/uncontrolled exposure limits.

Test Procedure

- 1.EUT was placed on a table, and the measure probe was placed at a measurement distance of 0~10cm from the EUT to the center of the probe.
- 2.Power on the measuring probe, the EUT was set at the maximum field strength emission state.
- 3.The EUT was put in different directions (Left, Right, Front, Rear, Top and Bottom) toward to the measure probe.The distance from the EUT to the probe starts from 0cm, and measures every 2cm until the distance is 10cm.
- 4.Record the worst data of the different directions.

Measuring Device And Test Equipment

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
☒	E-Field&H-Field Probe(9kHz-30MHz)	Narda	EHP-200A	180ZX11012	2022.01.19	1 Year

Description of Support Device

adapter	Model number: CD217
	: Input: AC 100-240V, 50/60Hz
	Output: DC 9V/3A,DC 12V/2.5A
iPhone	Manufacturer: Apple Inc.
	: M/N: A1524
	S/N: N/A
Wireless Charger Receiver	Manufacturer: Universal
Module	: M/N: N/A
	S/N: N/A
	Manufacturer: SAMSUNG
SAMSUNG S9	: M/N:Samsung Galaxy S9
	S/N: N/A

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
(A) Limits for Occupational/Control Exposures				
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	F/300	6
1500-100000	--	--	5	6
(B) Limits for General Population/Uncontrol Exposures				
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	F/1500	30
1500-100000	--	--	1	30

Note: f denotes for frequency in MHz.

* denotes for plane-wave equivalent power density.

Measurement Result

We pretested three modes (max load, mid load, Standby) for EUT. All mode and worst test frequency(frequency: 127.7KHz)test data see the following.

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	10% Limit(A/m)
Measurement Point 1	Front	0	0.169	1.63	0.163
Measurement Point 2	Back	0	0.157		
Measurement Point 3	Left	0	0.152		
Measurement Point 4	Right	0	0.141		
Measurement Point 5	Bottom	0	0.139		
Measurement Point 6	Top	0	0.178		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	0	45.199	614	61.4
Measurement Point 2	Back	0	45.304		
Measurement Point 3	Left	0	45.242		
Measurement Point 4	Right	0	45.11		
Measurement Point 5	Bottom	0	45.321		
Measurement Point 6	Top	0	45.232		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	2	0.145	1.63	0.163
Measurement Point 2	Back	2	0.152		
Measurement Point 3	Left	2	0.142		
Measurement Point 4	Right	2	0.146		
Measurement Point 5	Bottom	2	0.123		
Measurement Point 6	Top	2	0.158		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	2	43.517	614	61.4
Measurement Point 2	Back	2	43.608		
Measurement Point 3	Left	2	43.251		
Measurement Point 4	Right	2	43.248		
Measurement Point 5	Bottom	2	41.250		
Measurement Point 6	Top	2	44.012		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	4	0.141	1.63	0.163
Measurement Point 2	Back	4	0.136		
Measurement Point 3	Left	4	0.128		
Measurement Point 4	Right	4	0.131		
Measurement Point 5	Bottom	4	0.120		
Measurement Point 6	Top	4	0.139		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	4	41.226	614	61.4
Measurement Point 2	Back	4	41.341		
Measurement Point 3	Left	4	41.234		
Measurement Point 4	Right	4	41.247		
Measurement Point 5	Bottom	4	40.115		
Measurement Point 6	Top	4	41.342		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	6	0.136	1.63	0.163
Measurement Point 2	Back	6	0.125		
Measurement Point 3	Left	6	0.121		
Measurement Point 4	Right	6	0.118		
Measurement Point 5	Bottom	6	0.119		
Measurement Point 6	Top	6	0.136		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	6	37.318	614	61.4
Measurement Point 2	Back	6	37.513		
Measurement Point 3	Left	6	37.508		
Measurement Point 4	Right	6	37.501		
Measurement Point 5	Bottom	6	37.401		
Measurement Point 6	Top	6	37.193		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	8	0.122	1.63	0.163
Measurement Point 2	Back	8	0.126		
Measurement Point 3	Left	8	0.129		
Measurement Point 4	Right	8	0.116		
Measurement Point 5	Bottom	8	0.108		
Measurement Point 6	Top	8	0.134		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	8	35.342	614	61.4
Measurement Point 2	Back	8	35.108		
Measurement Point 3	Left	8	35.307		
Measurement Point 4	Right	8	35.612		
Measurement Point 5	Bottom	8	32.014		
Measurement Point 6	Top	8	36.988		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	10	0.118	1.63	0.163
Measurement Point 2	Back	10	0.122		
Measurement Point 3	Left	10	0.123		
Measurement Point 4	Right	10	0.108		
Measurement Point 5	Bottom	10	0.102		
Measurement Point 6	Top	10	0.123		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	10	33.231	614	61.4
Measurement Point 2	Back	10	34.512		
Measurement Point 3	Left	10	33.510		
Measurement Point 4	Right	10	33.235		
Measurement Point 5	Bottom	10	31.012		
Measurement Point 6	Top	10	36.930		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	10% Limit(A/m)
Measurement Point 1	Front	0	0.146	1.63	0.163
Measurement Point 2	Back	0	0.144		
Measurement Point 3	Left	0	0.143		
Measurement Point 4	Right	0	0.140		
Measurement Point 5	Bottom	0	0.132		
Measurement Point 6	Top	0	0.160		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	0	45.199	614	61.4
Measurement Point 2	Back	0	45.304		
Measurement Point 3	Left	0	45.242		
Measurement Point 4	Right	0	45.110		
Measurement Point 5	Bottom	0	45.321		
Measurement Point 6	Top	0	45.232		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	2	0.145	1.63	0.163
Measurement Point 2	Back	2	0.150		
Measurement Point 3	Left	2	0.142		
Measurement Point 4	Right	2	0.146		
Measurement Point 5	Bottom	2	0.123		
Measurement Point 6	Top	2	0.158		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	2	43.517	614	61.4
Measurement Point 2	Back	2	43.608		
Measurement Point 3	Left	2	43.251		
Measurement Point 4	Right	2	43.248		
Measurement Point 5	Bottom	2	41.250		
Measurement Point 6	Top	2	44.012		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	4	0.141	1.63	0.163
Measurement Point 2	Back	4	0.135		
Measurement Point 3	Left	4	0.128		
Measurement Point 4	Right	4	0.131		
Measurement Point 5	Bottom	4	0.120		
Measurement Point 6	Top	4	0.139		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	4	41.226	614	61.4
Measurement Point 2	Back	4	41.341		
Measurement Point 3	Left	4	41.234		
Measurement Point 4	Right	4	41.247		
Measurement Point 5	Bottom	4	40.114		
Measurement Point 6	Top	4	41.342		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	6	0.135	1.63	0.163
Measurement Point 2	Back	6	0.125		
Measurement Point 3	Left	6	0.121		
Measurement Point 4	Right	6	0.117		
Measurement Point 5	Bottom	6	0.118		
Measurement Point 6	Top	6	0.136		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	6	37.318	614	61.4
Measurement Point 2	Back	6	37.513		
Measurement Point 3	Left	6	37.508		
Measurement Point 4	Right	6	37.501		
Measurement Point 5	Bottom	6	37.402		
Measurement Point 6	Top	6	37.193		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	8	0.122	1.63	0.163
Measurement Point 2	Back	8	0.126		
Measurement Point 3	Left	8	0.129		
Measurement Point 4	Right	8	0.116		
Measurement Point 5	Bottom	8	0.108		
Measurement Point 6	Top	8	0.134		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	8	35.342	614	61.4
Measurement Point 2	Back	8	35.108		
Measurement Point 3	Left	8	35.307		
Measurement Point 4	Right	8	35.612		
Measurement Point 5	Bottom	8	32.014		
Measurement Point 6	Top	8	36.988		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	10	0.118	1.63	0.163
Measurement Point 2	Back	10	0.122		
Measurement Point 3	Left	10	0.123		
Measurement Point 4	Right	10	0.108		
Measurement Point 5	Bottom	10	0.102		
Measurement Point 6	Top	10	0.123		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	10	33.231	614	61.4
Measurement Point 2	Back	10	34.512		
Measurement Point 3	Left	10	33.510		
Measurement Point 4	Right	10	33.235		
Measurement Point 5	Bottom	10	31.012		
Measurement Point 6	Top	10	36.930		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	10% Limit(A/m)
Measurement Point 1	Front	0	0.146	1.63	0.163
Measurement Point 2	Back	0	0.144		
Measurement Point 3	Left	0	0.143		
Measurement Point 4	Right	0	0.14		
Measurement Point 5	Bottom	0	0.132		
Measurement Point 6	Top	0	0.16		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	0	45.199	614	61.4
Measurement Point 2	Back	0	45.304		
Measurement Point 3	Left	0	45.242		
Measurement Point 4	Right	0	45.11		
Measurement Point 5	Bottom	0	45.321		
Measurement Point 6	Top	0	45.232		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	2	0.145	1.63	0.163
Measurement Point 2	Back	2	0.150		
Measurement Point 3	Left	2	0.142		
Measurement Point 4	Right	2	0.146		
Measurement Point 5	Bottom	2	0.123		
Measurement Point 6	Top	2	0.158		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	2	43.517	614	61.4
Measurement Point 2	Back	2	43.608		
Measurement Point 3	Left	2	43.251		
Measurement Point 4	Right	2	43.248		
Measurement Point 5	Bottom	2	41.250		
Measurement Point 6	Top	2	44.012		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	4	0.141	1.63	0.163
Measurement Point 2	Back	4	0.135		
Measurement Point 3	Left	4	0.128		
Measurement Point 4	Right	4	0.131		
Measurement Point 5	Bottom	4	0.120		
Measurement Point 6	Top	4	0.139		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	4	41.226	614	61.4
Measurement Point 2	Back	4	41.341		
Measurement Point 3	Left	4	41.234		
Measurement Point 4	Right	4	41.247		
Measurement Point 5	Bottom	4	40.114		
Measurement Point 6	Top	4	41.342		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	6	0.135	1.63	0.163
Measurement Point 2	Back	6	0.125		
Measurement Point 3	Left	6	0.121		
Measurement Point 4	Right	6	0.117		
Measurement Point 5	Bottom	6	0.118		
Measurement Point 6	Top	6	0.136		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	6	37.318	614	61.4
Measurement Point 2	Back	6	37.513		
Measurement Point 3	Left	6	37.508		
Measurement Point 4	Right	6	37.501		
Measurement Point 5	Bottom	6	37.402		
Measurement Point 6	Top	6	37.193		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	8	0.122	1.63	0.163
Measurement Point 2	Back	8	0.126		
Measurement Point 3	Left	8	0.129		
Measurement Point 4	Right	8	0.116		
Measurement Point 5	Bottom	8	0.108		
Measurement Point 6	Top	8	0.134		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	8	35.342	614	61.4
Measurement Point 2	Back	8	35.108		
Measurement Point 3	Left	8	35.307		
Measurement Point 4	Right	8	35.612		
Measurement Point 5	Bottom	8	32.014		
Measurement Point 6	Top	8	36.988		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	10	0.118	1.63	0.163
Measurement Point 2	Back	10	0.122		
Measurement Point 3	Left	10	0.123		
Measurement Point 4	Right	10	0.108		
Measurement Point 5	Bottom	10	0.102		
Measurement Point 6	Top	10	0.123		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 10% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	10	33.231	614	61.4
Measurement Point 2	Back	10	34.512		
Measurement Point 3	Left	10	33.51		
Measurement Point 4	Right	10	33.235		
Measurement Point 5	Bottom	10	31.012		
Measurement Point 6	Top	10	36.93		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	10% Limit(A/m)
Measurement Point 1	Front	0	0.156	1.63	0.163
Measurement Point 2	Back	0	0.147		
Measurement Point 3	Left	0	0.146		
Measurement Point 4	Right	0	0.150		
Measurement Point 5	Bottom	0	0.134		
Measurement Point 6	Top	0	0.157		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	0	44.504	614	61.4
Measurement Point 2	Back	0	44.505		
Measurement Point 3	Left	0	44.309		
Measurement Point 4	Right	0	44.242		
Measurement Point 5	Bottom	0	44.305		
Measurement Point 6	Top	0	44.508		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	2	0.149	1.63	0.163
Measurement Point 2	Back	2	0.144		
Measurement Point 3	Left	2	0.140		
Measurement Point 4	Right	2	0.139		
Measurement Point 5	Bottom	2	0.132		
Measurement Point 6	Top	2	0.154		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	2	43.235	614	61.4
Measurement Point 2	Back	2	43.108		
Measurement Point 3	Left	2	43.187		
Measurement Point 4	Right	2	43.195		
Measurement Point 5	Bottom	2	42.197		
Measurement Point 6	Top	2	43.248		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	4	0.138	1.63	0.163
Measurement Point 2	Back	4	0.137		
Measurement Point 3	Left	4	0.133		
Measurement Point 4	Right	4	0.135		
Measurement Point 5	Bottom	4	0.129		
Measurement Point 6	Top	4	0.140		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	4	41.005	614	61.4
Measurement Point 2	Back	4	41.107		
Measurement Point 3	Left	4	41.087		
Measurement Point 4	Right	4	41.109		
Measurement Point 5	Bottom	4	40.682		
Measurement Point 6	Top	4	41.309		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	6	0.132	1.63	0.163
Measurement Point 2	Back	6	0.126		
Measurement Point 3	Left	6	0.125		
Measurement Point 4	Right	6	0.119		
Measurement Point 5	Bottom	6	0.118		
Measurement Point 6	Top	6	0.133		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	6	37.107	614	61.4
Measurement Point 2	Back	6	37.109		
Measurement Point 3	Left	6	37.215		
Measurement Point 4	Right	6	37.218		
Measurement Point 5	Bottom	6	36.996		
Measurement Point 6	Top	6	37.22		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	8	0.124	1.63	0.163
Measurement Point 2	Back	8	0.122		
Measurement Point 3	Left	8	0.123		
Measurement Point 4	Right	8	0.112		
Measurement Point 5	Bottom	8	0.108		
Measurement Point 6	Top	8	0.125		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	8	34.512	614	61.4
Measurement Point 2	Back	8	34.507		
Measurement Point 3	Left	8	34.240		
Measurement Point 4	Right	8	34.129		
Measurement Point 5	Bottom	8	32.309		
Measurement Point 6	Top	8	35.605		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	10	0.125	1.63	0.163
Measurement Point 2	Back	10	0.126		
Measurement Point 3	Left	10	0.119		
Measurement Point 4	Right	10	0.103		
Measurement Point 5	Bottom	10	0.104		
Measurement Point 6	Top	10	0.129		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	10	32.682	614	61.4
Measurement Point 2	Back	10	32.338		
Measurement Point 3	Left	10	32.310		
Measurement Point 4	Right	10	32.131		
Measurement Point 5	Bottom	10	31.240		
Measurement Point 6	Top	10	33.666		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	10% Limit(A/m)
Measurement Point 1	Front	0	0.152	1.63	0.163
Measurement Point 2	Back	0	0.144		
Measurement Point 3	Left	0	0.143		
Measurement Point 4	Right	0	0.146		
Measurement Point 5	Bottom	0	0.135		
Measurement Point 6	Top	0	0.154		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	0	44.220	614	61.4
Measurement Point 2	Back	0	44.219		
Measurement Point 3	Left	0	44.199		
Measurement Point 4	Right	0	44.310		
Measurement Point 5	Bottom	0	43.573		
Measurement Point 6	Top	0	44.507		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	2	0.146	1.63	0.163
Measurement Point 2	Back	2	0.142		
Measurement Point 3	Left	2	0.135		
Measurement Point 4	Right	2	0.137		
Measurement Point 5	Bottom	2	0.129		
Measurement Point 6	Top	2	0.147		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	2	42.640	614	61.4
Measurement Point 2	Back	2	42.126		
Measurement Point 3	Left	2	42.346		
Measurement Point 4	Right	2	42.399		
Measurement Point 5	Bottom	2	41.952		
Measurement Point 6	Top	2	42.662		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	4	0.132	1.63	0.163
Measurement Point 2	Back	4	0.130		
Measurement Point 3	Left	4	0.129		
Measurement Point 4	Right	4	0.131		
Measurement Point 5	Bottom	4	0.124		
Measurement Point 6	Top	4	0.135		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	4	40.215	614	61.4
Measurement Point 2	Back	4	40.109		
Measurement Point 3	Left	4	40.299		
Measurement Point 4	Right	4	40.346		
Measurement Point 5	Bottom	4	39.510		
Measurement Point 6	Top	4	41.007		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	6	0.124	1.63	0.163
Measurement Point 2	Back	6	0.122		
Measurement Point 3	Left	6	0.120		
Measurement Point 4	Right	6	0.118		
Measurement Point 5	Bottom	6	0.114		
Measurement Point 6	Top	6	0.127		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 50% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	6	36.235	614	61.4
Measurement Point 2	Back	6	36.511		
Measurement Point 3	Left	6	36.399		
Measurement Point 4	Right	6	36.242		
Measurement Point 5	Bottom	6	36.007		
Measurement Point 6	Top	6	36.725		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	8	0.116	1.63	0.163
Measurement Point 2	Back	8	0.115		
Measurement Point 3	Left	8	0.116		
Measurement Point 4	Right	8	0.108		
Measurement Point 5	Bottom	8	0.106		
Measurement Point 6	Top	8	0.122		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	8	33.235	614	61.4
Measurement Point 2	Back	8	33.435		
Measurement Point 3	Left	8	33.242		
Measurement Point 4	Right	8	33.198		
Measurement Point 5	Bottom	8	32.007		
Measurement Point 6	Top	8	33.773		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	H- Field(A/m)	Limit(A/m)	50% Limit(A/m)
Measurement Point 1	Front	10	0.118	1.63	0.163
Measurement Point 2	Back	10	0.117		
Measurement Point 3	Left	10	0.115		
Measurement Point 4	Right	10	0.104		
Measurement Point 5	Bottom	10	0.096		
Measurement Point 6	Top	10	0.123		

Test Mode: Wireless Charging 15W use Xiaomi 9 for 90% battery					
		Measuring Distance(cm)	E- Field(V/m)	Limit(V/m)	10% Limit(V/m)
Measurement Point 1	Front	10	31.682	614	61.4
Measurement Point 2	Back	10	31.309		
Measurement Point 3	Left	10	31.682		
Measurement Point 4	Right	10	31.238		
Measurement Point 5	Bottom	10	31.126		
Measurement Point 6	Top	10	32.247		

PHOTOGRAPHS OF TEST SETUP

Signature

Alan He

Alan He
Manager

Date: 2022-04-22