

FCC Maximum Permissible RF Exposure (MPE) Estimation Report

In accordance with the requirements of
FCC Part 1 Subpart I 1.1307&1.1310 and
FCC Part 2 Subpart J 2.1091&2.1093

Product Name: Magnetic Wireless Power Bank

Trademark: N/A

Model Name: PO2

Serial Model: N/A

Report No.: S22050502909002

FCC ID: 2A8WF-PO2

Prepared for

Shenzhen Yufeng Information Technology Co., Ltd.
Room 833 & 856-856, Jiaxiye Plaza, No. 318, Minzhi Avenue, Minzhi Community, Minzhi Street, Longhua District, Shenzhen, China

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd.
1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street,
Bao'an District, Shenzhen P.R. China
Tel. 400-800-6106, 0755-2320 0050, 0755-2320 0090
Website: <http://www.ntek.org.cn>

TEST RESULT CERTIFICATION

Applicant's name : Shenzhen Yufeng Information Technology Co., Ltd.
Address : Room 833 & 856-856, Jiaxiye Plaza, No. 318, Minzhi Avenue, Minzhi Community, Minzhi Street, Longhua District, Shenzhen, China

Manufacturer's Name : Shenzhen Yufeng Information Technology Co., Ltd.
Address : Room 833 & 856-856, Jiaxiye Plaza, No. 318, Minzhi Avenue, Minzhi Community, Minzhi Street, Longhua District, Shenzhen, China

Product description

Product name : Magnetic Wireless Power Bank

Trademark : N/A

Model and/or type reference : PO2

Serial Model : N/A

Standards : FCC Part 1 Subpart I 1.1307&1.1310
FCC Part 2 Subpart J 2.1091&2.1093

This device described above has been tested by Shenzhen NTEK. In accordance with the RF Exposure requirements specified in FCC Part 1 Subpart I 1.1307&1.1310 and FCC Part 2 Subpart J 2.1091&2.1093. Testing has shown that this device is capable of compliance with RF Exposure requirements specified in FCC Part 1 Subpart I 1.1307&1.1310 and FCC Part 2 Subpart J 2.1091&2.1093. The test results in this report apply only to the tested sample of the stated device/equipment. Other similar device/equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

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Date of Test

Date (s) of performance of tests : Oct. 17, 2022 ~ Oct. 18, 2022

Date of Issue : Oct. 18, 2022

Test Result : **Pass**

Prepared By
(Test Engineer)



(Susan Li)

Approved By
(Lab Manager)



(Alex Li)

※※ Revision History ※※

REV.	DESCRIPTION	ISSUED DATE	REMARK
Rev.1.0	Initial Test Report Release	Oct. 18, 2022	Susan li

TABLE OF CONTENTS

1	General Information	5
1.1	RF Exposure Limits.....	5
1.2	Facilities And Accreditations.....	5
1.3	EUT Description	6
1.4	Test specification(s)	7
1.5	Measurement Uncertainty	7
1.6	Test Equipment List.....	8
1.7	Measuring Requirements	8
1.8	Test configuration	9
1.9	Test Setup	9
2	Test Results	10
2.1	For load mode H-Filed Strength.....	10
2.2	For No load mode H-Filed Strength	15
2.3	For load mode E-Filed Strength	18
2.4	For No load mode E-Filed Strength.....	20

1 General Information

1.1 RF Exposure Limits

Table - Limits For Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

1.2 Facilities And Accreditations

All measurement facilities used to collect the measurement data are located at Shenzhen NTEK Testing Technology Co., Ltd. (1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen P.R. China)

Site Description

CNAS-Lab. : The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2006 (identical to ISO/IEC 17025:2005) The Certificate Registration Number is L5516.

IC-Registration : The Certificate Registration Number is 9270A-1.

FCC- Accredited : Test Firm Registration Number: 463705. Designation Number: CN1184

A2LA-Lab. : The Certificate Registration Number is 4298.01
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

1.3 EUT Description

Device Information	
Product Name	Magnetic Wireless Power Bank
Trade Name	N/A
Model Name	PO2
Serial Model	N/A
FCC ID	2A8WF-PO2
Device Phase	Identical Prototype
Exposure Category	General population / Uncontrolled environment
Antenna Type	Induction coil
Device Operating Configurations	
Operating Frequency Range(s)	111kHz~205kHz
Power Rating	Battery Capacity:10000mAh,38.5Wh Input: DC 3.85V from Battery or DC 5V/3A,9V/2A from USB-C port USB-C output:5V ---3A;9V ---2.22A;12V ---1.67A; Wireless output: 15W(Max) Battery Rated Capacity: 6000mAh(5V ---2.4A)
Adapter	N/A
Battery	DC 3.85V, 5000mAh*2
HW Version	N/A
FW version	N/A
SW Version	N/A

1.4 Test specification(s)

FCC Part 1 Subpart I 1.1307&1.1310
FCC Part 2 Subpart J 2.1091&2.1093
KDB 680106 D01 RF Exposure Wireless Charging App v03r01

KDB 680106 D01 section 5b equipment approval considerations

Requirement	Device
(1) Power transfer frequency is less than 1MHz.	Yes. The operating frequencies are 111kHz ~ 205kHz.
(2) Output power from each primary coil is less than or equal to 15 watts.	Yes. The maximum power is 15 Watts
(3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.	Yes. The system includes one single primary coil and the device is designed to charge a single client.
(4) Client device is placed directly in contact with the transmitter.	Yes. The client device is placed directly in contact with the transmitter.
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	No. It supports mobile and Portable configuration.
(6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.	Yes. After measuring the product the Max H-Field Strength and the Max E-Field Strength, it is less than 50% of the MPE limit.

1.5 Measurement Uncertainty

Item	Uncertainty
Uncertainty for H-Field	2.39dB
Uncertainty for E-Field	2.45dB
Uncertainty for conducted RF Power	0.65dB
Uncertainty for temperature	0.2°C
Uncertainty for humidity	1%
Uncertainty for DC and low frequency voltages	0.06%

(95% confidence levels, k=2)

1.6 Test Equipment List

Item	Equipment	Manufacturer	Model No.	Firmware version	Serial No.	Last Cal.	Cal. Due day
1	Exposure Level Tester	narda	ELT-400	/	N-0231	2022.08.30	2023.08.29
2	Magnetic field probe 100cm ²	narda	ELT probe 100cm ²	/	M0675	2022.08.30	2023.08.29
3	Isotropic Electric Field Probe	narda	EP-601	/	511WX60706	2022.08.30	2023.08.29

1.7 Measuring Requirements

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:

- o 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.
- o 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.
- o 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: In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means. Awareness of the potential for RF exposure in a workplace or similar environment can be provided through specific training as part of a RF safety program. If appropriate, warning signs and labels can also be used to establish such awareness by providing prominent information on the risk of potential exposure and instructions on methods to minimize such exposure risks.

General Population/Uncontrolled Exposure: The general population / uncontrolled exposure limits are applicable to 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 made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity. Warning labels placed on low-power consumer devices such as cellular telephones are not considered sufficient to allow the device to be considered under the occupational/controlled category, and the general population/uncontrolled exposure limits apply to these devices.

1.8 Test configuration

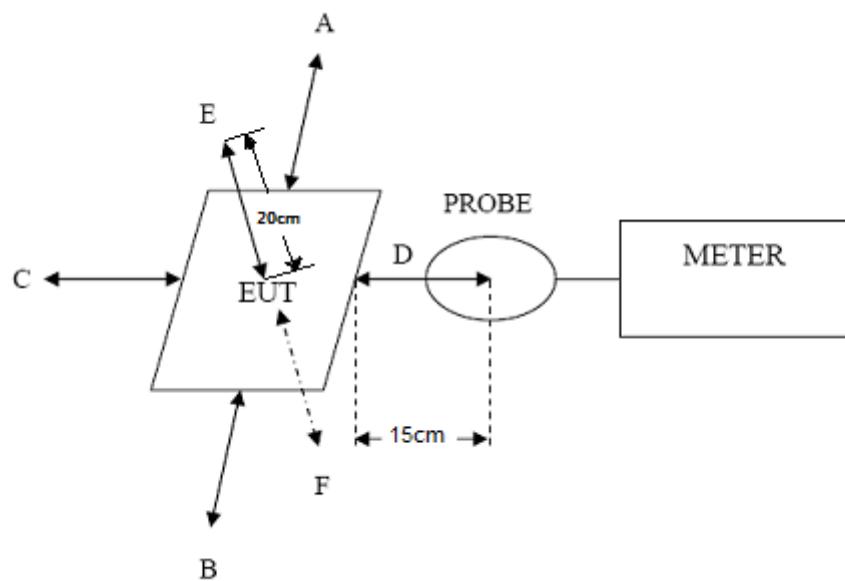
1, For mobile devices, The field strength of both E-field was measured at 15cm, H-field was measured at 15cm surrounding the device, and 20 cm away from the surface from all coils using the equipment list above for determining compliance with the MPE requirements of FCC Part 1.1310. For portable devices, The field strength of both E-field was measured from 0cm to 20cm, in 2cm minimum increment measured from the edge of the device, H-field was measured from 0cm to 20cm, in 2cm minimum increment measured from the edge of the device surrounding the device, using the equipment list above for determining compliance with the MPE requirements of FCC Part 1.1310.

2, The RF power density was measured at Under maximum load test

3, Maximum E-field measurements was made 0cm to 20cm from each side of the EUT and H-field measurements was made 0cm to 20cm from surrounding the EUT and 0cm to 20cm away from the surface from all coils. Along the side of the EUT and still in 2cm minimum increment measured from the edge of the EUT, the field probes were positioned at the location where there is maximum field strength. The maximum E-field and H-field is reported below.

4, This device uses a wireless charging circuit for power transfer operating at the frequency of 111–205kHz. Thus, the 300kHz limits were used: E-field Limit = 614 (V/m); H-field limit = 1.63 (A/m).

1.9 Test Setup



For portable devices, E- and H-field data are taken along all the device surface, from 0 cm to 20 cm, in 2cm minimum increment measured from the edge of the device.

2 Test Results

2.1 For load mode H-Field Strength

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	0	A	0.637	0.815
			0.796	uT
		B	0.723	0.815
			0.904	uT
		C	0.805	0.815
			1.006	uT
		D	0.728	0.815
			0.910	uT
		E	0.806	0.815
			1.008	uT
		F	0.553	0.815
			0.691	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	0	A	0.686	0.706	0.703	0.815
			0.858	0.883	0.879	uT
		B	0.806	0.811	0.808	0.815
			1.008	1.014	1.010	uT
		C	0.800	0.810	0.799	0.815
			1.000	1.013	0.999	uT
		D	0.813	0.803	0.797	0.815
			1.016	1.004	0.996	uT
		E	0.804	0.810	0.809	0.815
			1.005	1.013	1.011	uT
		F	0.619	0.613	0.633	0.815
			0.774	0.766	0.791	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	2	A	0.544	0.815
			0.680	uT
		B	0.71	0.815
			0.888	uT
		C	0.699	0.815
			0.874	uT
		D	0.614	0.815
			0.768	uT
		E	0.793	0.815
			0.991	uT
		F	0.402	0.815
			0.503	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	2	A	0.632	0.653	0.557	0.815
			0.790	0.816	0.696	uT
		B	0.749	0.778	0.691	0.815
			0.936	0.973	0.864	uT
		C	0.773	0.759	0.799	0.815
			0.966	0.949	0.999	uT
		D	0.764	0.762	0.786	0.815
			0.955	0.953	0.983	uT
		E	0.681	0.800	0.715	0.815
			0.851	1.000	0.894	uT
		F	0.472	0.570	0.63	0.815
			0.590	0.713	0.788	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	4	A	0.418	0.815
			0.523	uT
		B	0.61	0.815
			0.763	uT
		C	0.609	0.815
			0.761	uT
		D	0.478	0.815
			0.598	uT
		E	0.791	0.815
			0.989	uT
		F	0.393	0.815
			0.491	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	4	A	0.620	0.645	0.45	0.815
			0.775	0.806	0.563	uT
		B	0.671	0.755	0.588	0.815
			0.839	0.944	0.735	uT
		C	0.641	0.652	0.687	0.815
			0.801	0.815	0.859	uT
		D	0.677	0.689	0.774	0.815
			0.846	0.861	0.968	uT
		E	0.537	0.709	0.569	0.815
			0.671	0.886	0.711	uT
		F	0.328	0.453	0.592	0.815
			0.410	0.566	0.740	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	6	A	0.303	0.815
			0.379	uT
		B	0.545	0.815
			0.681	uT
		C	0.573	0.815
			0.716	uT
		D	0.391	0.815
			0.489	uT
		E	0.7	0.815
			0.875	uT
		F	0.297	0.815
			0.371	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	6	A	0.503	0.497	0.344	0.815
			0.629	0.621	0.430	uT
		B	0.528	0.735	0.565	0.815
			0.660	0.919	0.706	uT
		C	0.616	0.533	0.652	0.815
			0.770	0.666	0.815	uT
		D	0.581	0.685	0.688	0.815
			0.726	0.856	0.860	uT
		E	0.511	0.625	0.54	0.815
			0.639	0.781	0.675	uT
		F	0.261	0.316	0.455	0.815
			0.326	0.395	0.569	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	8	A	0.298	0.815
			0.373	uT
		B	0.421	0.815
			0.526	uT
		C	0.443	0.815
			0.554	uT
		D	0.318	0.815
			0.398	uT
		E	0.643	0.815
			0.804	uT
		F	0.152	0.815
			0.190	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	8	A	0.500	0.420	0.304	0.815
			0.625	0.525	0.380	uT
		B	0.429	0.637	0.534	0.815
			0.536	0.796	0.668	uT
		C	0.494	0.470	0.506	0.815
			0.618	0.588	0.633	uT
		D	0.475	0.578	0.686	0.815
			0.594	0.723	0.858	uT
		E	0.486	0.491	0.4	0.815
			0.608	0.614	0.500	uT
		F	0.163	0.214	0.454	0.815
			0.204	0.268	0.568	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	10	A	0.207	0.815
			0.259	uT
		B	0.381	0.815
			0.476	uT
		C	0.333	0.815
			0.416	uT
		D	0.198	0.815
			0.248	uT
		E	0.579	0.815
			0.724	uT
		F	0.129	0.815
			0.161	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	10	A	0.388	0.278	0.166	0.815
			0.485	0.348	0.208	uT
		B	0.397	0.628	0.39	0.815
			0.496	0.785	0.488	uT
		C	0.468	0.363	0.498	0.815
			0.585	0.454	0.623	uT
		D	0.378	0.571	0.546	0.815
			0.473	0.714	0.683	uT
		E	0.468	0.443	0.353	0.815
			0.585	0.554	0.441	uT
		F	0.133	0.070	0.445	0.815
			0.166	0.088	0.556	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	15	A	0.137	0.815
			0.171	uT
		B	0.295	0.815
			0.369	uT
		C	0.214	0.815
			0.268	uT
		D	0.1	0.815
			0.125	uT
		E	0.492	0.815
			0.615	uT
		F	0.01	0.815
			0.013	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50% Limit (A/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	15	A	0.342	0.247	0.136	0.815
			0.428	0.309	0.170	uT
		B	0.281	0.566	0.35	0.815
			0.351	0.708	0.438	uT
		C	0.333	0.309	0.391	0.815
			0.416	0.386	0.489	uT
		D	0.260	0.569	0.519	0.815
			0.325	0.711	0.649	uT
		E	0.400	0.331	0.324	0.815
			0.500	0.414	0.405	uT
		F	0.101	0.068	0.439	0.815
			0.126	0.085	0.549	uT

2.2 For No load mode H-Filed Strength

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	0	A	0.641	0.815
			0.801	uT
		B	0.729	0.815
			0.911	uT
		C	0.807	0.815
			1.009	uT
		D	0.726	0.815
			0.908	uT
		E	0.801	0.815
			1.001	uT
		F	0.597	0.815
			0.746	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	2	A	0.605	0.815
			0.756	uT
		B	0.586	0.815
			0.733	uT
		C	0.798	0.815
			0.998	uT
		D	0.607	0.815
			0.759	uT
		E	0.687	0.815
			0.859	uT
		F	0.567	0.815
			0.709	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	4	A	0.465	0.815
			0.581	uT
		B	0.499	0.815
			0.624	uT
		C	0.67	0.815
			0.838	uT
		D	0.556	0.815
			0.695	uT
		E	0.624	0.815
			0.780	uT
		F	0.453	0.815
			0.566	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	6	A	0.452	0.815
			0.565	uT
		B	0.492	0.815
			0.615	uT
		C	0.591	0.815
			0.739	uT
		D	0.525	0.815
			0.656	uT
		E	0.496	0.815
			0.620	uT
		F	0.363	0.815
			0.454	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	8	A	0.42	0.815
			0.525	uT
		B	0.385	0.815
			0.481	uT
		C	0.45	0.815
			0.563	uT
		D	0.509	0.815
			0.636	uT
		E	0.364	0.815
			0.455	uT
		F	0.308	0.815
			0.385	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	10	A	0.288	0.815
			0.360	uT
		B	0.364	0.815
			0.455	uT
		C	0.365	0.815
			0.456	uT
		D	0.435	0.815
			0.544	uT
		E	0.309	0.815
			0.386	uT
		F	0.3	0.815
			0.375	uT

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
111K-205K	15	A	0.186	0.815
			0.233	uT
		B	0.335	0.815
			0.419	uT
		C	0.365	0.815
			0.456	uT
		D	0.31	0.815
			0.388	uT
		E	0.166	0.815
			0.208	uT
		F	0.193	0.815
			0.241	uT

2.3 For load mode E-Filed Strength

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	0	A	2.345	307
		B	2.512	307
		C	1.949	307
		D	1.970	307
		E	2.555	307
		F	1.982	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	0	A	1.903	2.222	2.147	307
		B	1.913	2.039	2.154	307
		C	1.966	2.594	2.051	307
		D	1.724	1.898	2.434	307
		E	2.292	1.710	1.728	307
		F	2.323	1.760	2.172	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	2	A	1.809	307
		B	2.369	307
		C	1.844	307
		D	1.944	307
		E	2.359	307
		F	1.493	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	2	A	1.671	1.694	2.052	307
		B	1.755	1.914	2.090	307
		C	1.578	1.996	2.012	307
		D	1.582	1.542	2.163	307
		E	2.141	1.450	1.546	307
		F	1.956	1.167	2.120	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	4	A	1.261	307
		B	2.320	307
		C	1.356	307
		D	1.782	307
		E	1.766	307
		F	1.106	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	4	A	1.355	1.664	2.015	307
		B	1.555	1.755	1.984	307
		C	1.088	1.972	1.660	307
		D	1.432	1.461	1.800	307
		E	1.843	1.360	1.538	307
		F	1.702	1.112	1.776	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	6	A	1.215	307
		B	1.997	307
		C	1.029	307
		D	1.694	307
		E	1.251	307
		F	0.963	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	6	A	1.203	1.194	1.417	307
		B	1.385	1.671	1.982	307
		C	0.956	1.919	1.203	307
		D	0.877	0.927	1.531	307
		E	1.425	0.983	1.011	307
		F	1.267	0.789	1.416	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	8	A	0.691	307
		B	1.900	307
		C	0.832	307
		D	1.095	307
		E	1.039	307
		F	0.954	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	8	A	0.763	0.835	0.884	307
		B	1.312	1.104	1.731	307
		C	0.874	1.909	1.069	307
		D	0.747	0.432	1.524	307
		E	1.292	0.769	0.705	307
		F	1.233	0.417	1.378	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	10	A	0.406	307
		B	1.820	307
		C	0.450	307
		D	0.992	307
		E	0.494	307
		F	0.451	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	10	A	0.738	0.751	0.722	307
		B	1.019	0.914	1.371	307
		C	0.355	1.595	0.697	307
		D	0.591	0.340	1.251	307
		E	0.929	0.313	0.124	307
		F	1.024	0.203	1.263	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	15	A	0.200	307
		B	1.353	307
		C	0.226	307
		D	0.531	307
		E	0.263	307
		F	0.234	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(V/m)			50% Limit (V/m)
			10% Charge	50% Charge	90% Charge	
111K-205K	15	A	0.590	0.462	0.570	307
		B	0.849	0.865	0.976	307
		C	0.157	1.004	0.142	307
		D	0.264	0.214	1.079	307
		E	0.769	0.140	0.149	307
		F	0.634	0.193	1.132	307

2.4 For No load mode E-Filed Strength

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	0	A	1.863	307
		B	2.243	307
		C	1.799	307
		D	2.533	307
		E	1.816	307
		F	2.463	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	2	A	1.310	307
		B	2.198	307
		C	1.615	307
		D	2.157	307
		E	1.286	307
		F	1.973	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	4	A	0.992	307
		B	1.990	307
		C	1.566	307
		D	2.105	307
		E	1.181	307
		F	1.619	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	6	A	0.747	307
		B	1.950	307
		C	1.310	307
		D	1.553	307
		E	0.896	307
		F	1.192	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	8	A	0.638	307
		B	1.540	307
		C	0.784	307
		D	1.016	307
		E	0.695	307
		F	0.774	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (V/m)
111K-205K	10	A	0.662	307
		B	1.423	307
		C	0.504	307
		D	0.854	307
		E	0.552	307
		F	0.181	307

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	50% Limit (Vm)
111K-205K	15	A	0.293	307
		B	1.078	307
		C	0.455	307
		D	0.835	307
		E	0.331	307
		F	0.011	307

Note: 1. This report only records the worst test results, EUT Alone powered by internal battery Mode is worst-case.
2. uT to A/m: A/m = uT/1.25.

End Of Report