

**FCC RF EXPOSURE
CERTIFICATION TEST REPORT**

For

CHARGER,WIRELESS

MODEL NUMBER: W58Q0

REPORT NUMBER: 4792017615-RF-4

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FCC ID: 2A3PSW58Q0

Prepared for

**Uno Minda Ltd.
B-64/1, Wazirpur Industrial Area,
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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	December 3, 2025	Initial Issue	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Uno Minda Ltd.
B-64/1, Wazirpur Industrial Area,
Address: Delhi – 110052,
INDIA

Manufacturer Information

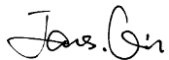
Company Name: Uno Minda Ltd. (Controller Division)
First Floor, Gat No. 427/5, 427/10,
Address: Village Mahalunge Tal. Khed,
Dist. Pune, Maharashtra –410501, INDIA.

EUT Information

EUT Name: CHARGER,WIRELESS
Model: W58Q0
Brand: \
Sample Received Date: November 5, 2025
Sample Status: Normal
Sample ID: 9091554-1
Date of Tested: November 5, 2025 to December 1, 2025

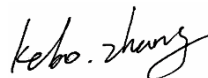
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR §1.1307	PASS
FCC 47 CFR §1.1310	PASS
FCC 47 CFR §2.1093	PASS
FCC 47 CFR §2.1091	PASS

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC 47 CFR§1.1307(b)(1), FCC 47 CFR §1.1310, FCC 47 CFR §2.1093, KDB 680106 D01 Wireless Power Transfer v04.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been assessed and proved to be in compliance with VCCI, the membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note:

1. All measurement facilities that used to collect the measurement data are located at Room 101, Building 2, No. 4, Information Road, Songshan Lake, Dongguan, Guangdong, China.
2. The anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field site (OFS), the anechoic chamber is proved to be equivalent to the worst case from the open field site (OFS).
3. Radiation measurements below 30 MHz have been performed in anechoic chamber, the measurement result is compared to the result that obtained on an open field site (OFS) and have been correlated to measurements result collected on an open field site (OFS).

4. DESCRIPTION OF EUT

EUT Name	CHARGER,WIRELESS
Model	W58Q0
EUT Classification	Class B
Internal Operation Frequency	127.7 $\pm$ 10 kHz
EUT Ratings	15 W Max

5. TEST MODE

Test Mode	Description
M01	Maximum output power draw by dummy load
M02	EUT alone powered by DC source

6. REQUIREMENT

LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (Minutes)
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 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

* = Plane-wave equivalent power density

METHOD OF MEASUREMENT

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 20 cm test distance surrounding the device.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

The diagram illustrates the setup for testing an Electromagnetic Interference (EMI) Susceptibility Test (EUT) using an E-Field & B-Field Probe. The EUT is represented by a rectangle within a larger circle. The probe is shown as a smaller circle labeled 'D' that overlaps with the EUT. The probe is connected to a measurement device, represented by a box with two small squares. The distance between the EUT and the probe is labeled 'Dist.'. The probe is positioned to measure the electric field (E) and magnetic field (B) components. The EUT is labeled 'EUT' and the probe is labeled 'D'. The measurement device is labeled 'E-Field & B-Field Probe'.

EQUIPMENT APPROVAL CONSIDERATIONS

The EUT comply with KDB680106 D01 Wireless Power Transfer v04.

1) Power transfer frequency is less than 1 MHz.

No; the device operated at 127.7kHz.

2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.

Yes; the maximum output power is 15 watts.

3) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact).

Yes; Client device is placed directly in contact with the transmitter.

4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).

Yes; The EUT is a mobile device.

5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field strength decay is observed. Symmetry considerations may be used for test reduction purposes. The device shall be operated in documented worst-case compliance scenarios (i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.

Yes; The EUT's field strength levels are less than 50% of the MPE limit.

6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested.

Yes; The EUT has three coils, but only one coil works at a time. Out of 3 coils only one coil activated during the charging. That depends which coil has the better alignment with the Load to transfer the maximum power.

MEASURING INSTRUMENT USED

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Electric and Magnetic Field Analyzer	Narda	EHP-200A	170WX90204	January 2, 2025	January 1, 2026

E FIELD AND H FIELD STRENGTH TEST RESULT

Test Position	H-field Strength Measured Result (A/m)	Limit (A/m)
	M01	
A	0.4184	1.63
B	0.1842	
C	0.1127	
D	0.1438	
E	0.5993	
F	0.1393	
Maximum measured value to limit ratio (%)		36.7669

Test Position	E-field Strength Measured Result (V/m)	Limit (V/m)
	M01	
A	0.8598	614
B	0.5764	
C	0.5306	
D	0.4593	
E	0.7133	
F	0.9869	
Maximum measured value to limit ratio (%)		0.1607

END OF REPORT