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RF Exposure evaluation

Report Reference No.: CTL2606042011-WFH

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Product Name: MAGNETIC PHONE CHARGING STAND-DOCKS TO BATTERY

Model/Type reference: 141 0015 DW

List Model(s): Please check the next page

Trade Mark: DEWALT

FCC ID: 2ADH6-1410015

Applicant's name: E-filliate Incorporated

Address of applicant: 11321 White Rock Rd. Rancho Cordova, CA 95742, USA

Test specification:

47CFR §1.1310

Standard: 47CFR §2.1093

KDB680106 D01

TRF Originator: Shenzhen CTL Testing Technology Co., Ltd.

Master TRF: Dated 2017-01

Date of receipt of test item: July. 01, 2026

Date of Test: July. 01, 2026–July. 21, 2026

Date of Issue: July. 22, 2026

Result: Pass

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TEST REPORT

Test Report No. :	CTL2606042011-WFH	July. 22, 2026
		Date of issue

Product Name : MAGNETIC PHONE CHARGING STAND-DOCKS TO BATTERY

Sample No : CTL260604201004

Type / Model(s) : 141 0015 DW

Listed Models : 141 0015, 141 0015 DW2, 141 0015 DW3, 141 0015 DWG,
141 0015 DWE, 141 0015 DWM, 141 0015 DWJ, 141 0015
DWA, 141 0015 DWX, 141 0015 XXX, DXMA1410015,
DXMA1410015E, DXMA1410015A, DXMA1410015J,
DXMA1410015X, QTW79
(XXX=0-9, A-Z or Blank for marketing purpose)

Model Difference : All these models are identical in the same PCB, layout and
electrical circuit, only the model number are different.

Applicant : **E-filliate Incorporated**

Address : 11321 White Rock Rd. Rancho Cordova, CA 95742, USA

Manufacturer : **E-filliate Incorporated**

Address : 11321 White Rock Rd. Rancho Cordova, CA 95742, USA

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory.

** Modified History **

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1 GENERAL INFORMATION

1.1 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C -35°C
Relative Humidity:	35%-55 %
Air Pressure:	101 KPa

1.2 Product Description

Product Name:	MAGNETIC PHONE CHARGING STAND-DOCKS TO BATTERY
Model/Type reference:	141 0015 DW
Power supply voltage:	Input: 5V---3A 12V---2.25A Phone Output: 5W/10W/15W(Max) Watch Output: 2.5W(Max) Battery Input: 20V Max
WPT :	
Operation frequency:	Phone: 160.76KHz Watch: 306.47kHz
Modulation type:	CW (Continuous Wave)
Antenna type:	loop coil Antenna
Antenna Gain:	0dBi

Note 1: For more details, refer to the user's manual of the EUT.

Note 2: Antenna gain and cable loss provided by the applicant.

1.3 Test Mode

Pretest Test Mode	Description of Mode
1	Wireless Output (Phone: 5W + Watch: 2.5W)
2	Wireless Output (Phone: 10W + Watch: 2.5W)
3	Wireless Output (Phone: 15W + Watch: 2.5W)

1.4 Test Facility

1.3.1 Test laboratory

Company Name:	Shenzhen CTL Testing Technology Co., Ltd.
Address 1:	Zone A.1/F..Warehouse 2.Baisha Technology Park, No.3011,Shahexi Road, Nanshan District,Shenzhen.518055,P.R.C.
Address 2:	Fl.A1, Bldg.A3, No.2533 GuanGuang Road, Fenghuang Community Fenghuang Street, Guangming District, Shenzhen, Guangdong, PR.C

1.3.2 Test location

All tests were performed at:

Company Name:	Shenzhen CTL Testing Technology Co., Ltd.
☐ Main location	Zone A.1/F..Warehouse 2.Baisha Technology Park, No.3011,Shahexi Road, Nanshan District,Shenzhen.518055,P.R.C.
☒ Satellite location	Fl.A1, Bldg.A3, No.2533 GuanGuang Road, Fenghuang Community Fenghuang Street, Guangming District, Shenzhen, Guangdong, PR.C

1.3.3 Laboratory accreditation

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L7497

Shenzhen CTL Testing Technology Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No. 4343.01

Shenzhen CTL Testing Technology Co., Ltd, EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

IC CAB identifier: CN0041

Main Company Number :9618B

Satellite Company Number:35187

The 3m alternate test site of Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements with Main Company Number:9618B and Satellite Company Number:35187.

FCC-Registration No.: 399832

Designation No.: CN1216

Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation No.: CN1216. Test Firm Registration 399832.

1.5 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen CTL Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for CTL laboratory is reported:

Test	Measurement Uncertainty	Notes
Conducted Emission 0.15-30MHz	$\pm 3.11\text{dB}$	(1)
Radiated Emission 0.009~30MHz	$\pm 3.66\text{dB}$	(1)
Radiated Emission 30~1000MHz	$\pm 4.5\text{dB}$	(1)
Radiated Emission Above 1GHz	$\pm 5.08\text{dB}$	(1)
20dB Emission Bandwidth	$\pm 1.9\%$	(1)
Carrier Frequency Separation	$\pm 1.9\%$	(1)
Maximum Power Spectral Density Level	$\pm 0.98\text{ dB}$	(1)
Number of Hopping Channel	$\pm 1.9\%$	(1)
Time of Occupancy	$\pm 0.11\%$	(1)
Max Peak Conducted Output Power	$\pm 0.98\text{ dB}$	(1)
Band-edge Spurious Emission	$\pm 1.21\text{dB}$	(1)
Conducted RF Spurious Emission	9kHz-7GHz: $\pm 1.09\text{dB}$ 7GHz-26.5GHz: $\pm 3.27\text{dB}$	(1)

- (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=1.96$.
- (2) Decision rule for Statement of Conformity: The measurement uncertainty is not taken into account but only measured result.

1.6 Test Equipment

Equipment	Manufacturer	Model	Serial no.	Calibrated date	Calibrated Due
electric and magnetic field analyzer	Narda	EHP-200A	180ZX40222	2026.07.02	2027.07.01

1.7 Ancillary Equipment

Brand	Product	Model	Serial Number	FCC ID
Apple	iPhone 13 Pro	ML93CH/A	PM70VNX0G4	BCG-E4034A
Apple	Apple Watch Ultra 2	MRF83CH/A	MKG6NXNK29	BCG-E2986

2 Evaluation Limit

2.1 Refer Evaluation Method

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

According KDB 680106 D01 RF Exposure Wireless Charging App v03

2.2 Equipment Approval Considerations

According to the item 5 of KDB680106 D01 RF Exposure Wireless Charging App v03r01:

Power transfer frequency is less than 1 MHz	Yes, The power transfer frequency of ANT is 160.76KHz and 306.47kHz.
Output power from each primary coil is less than or equal to 15 watts.	Yes, Out power is less than or equal to $\leq 15W$.
The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	No, The transmission system has only two coil
Client device is placed directly in contact with the transmitter.	Yes, Client device is placed directly in contact with the transmitter.
Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Yes, Mobile exposure conditions only
The aggregate H-field strengths at 20 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, The EUT H-field strengths at 20 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.

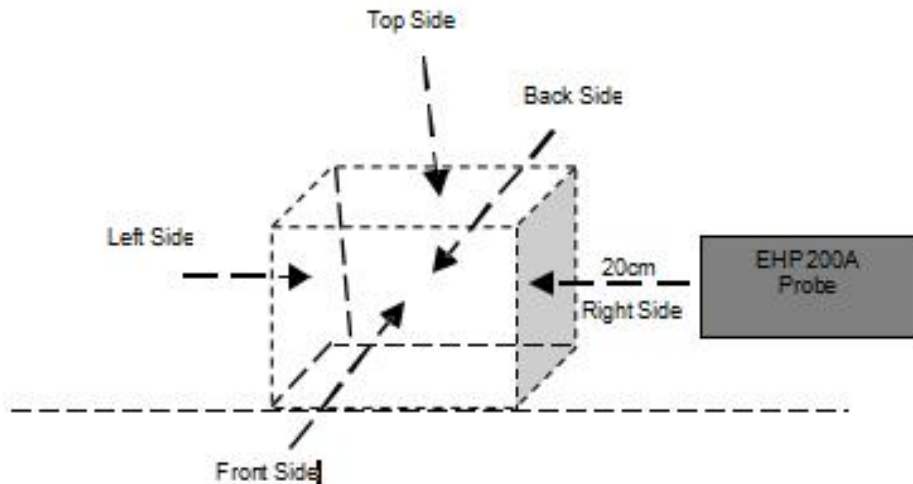
2.3 Limit

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)

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	61	1.6	*100	6
3.0-30	1842/f	4.8	*900/f	6
30-300	61	0.1	1.0 6	6
300-1500			f/300	6
1500-			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	61	1.6	*100	3
1.34-30	824/f	2.1	*180/f	3
30-300	27	0.0	0.2	3
300-1500			f/150	3
1500-			1	3
f = frequency in MHz * = Plane-wave equivalent power density				

2.4 Test Structure Diagram



2.5 Test Procedure

E and H-field measurements should be made with the center of the probe at a distance of 20 cm surrounding the device and 20 cm above the top surface of the primary/client pair.

These measurements should be repeated for three different client battery levels, 1%, 50%, and 99%.

Record the test results.

3 RF Exposure Evaluation Results

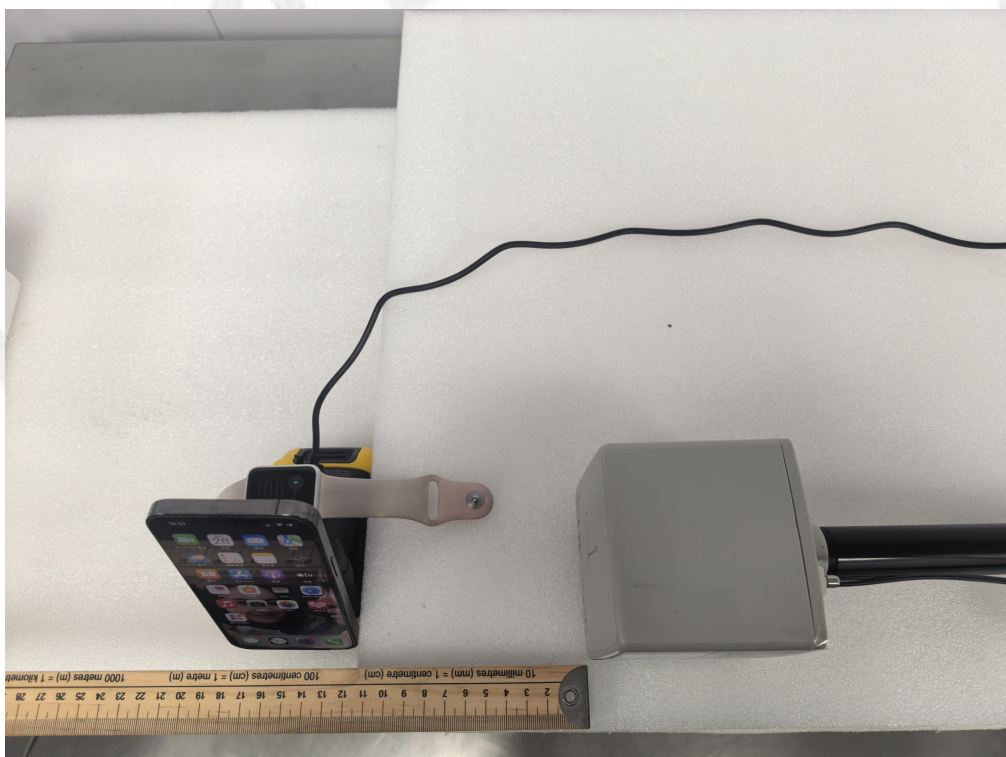
Test condition: Mode 3 operating mode with client device (1 %, 50%, 99% battery status of client device)

Maximum permissible Exposure (Phone: 15W + Watch: 2.5W)				
Battery levels	Test sides	Test distance(cm)	E –field(V/m)	H–field(A/m)
<1%	Top	20	1.5052	0.0451
<1%	Left	20	1.4451	0.0447
<1%	Right	20	1.1392	0.0462
<1%	Front	20	2.0741	0.0471
<1%	Back	20	0.4829	0.0450
Limit			614	1.63
Margin Limit (%)			0.34%	2.89%

Maximum permissible Exposure (Phone: 15W + Watch: 2.5W)				
Battery levels	Test sides	Test distance(cm)	E –field(V/m)	H–field(A/m)
<50%	Top	20	1.5021	0.0448
<50%	Left	20	1.4418	0.0439
<50%	Right	20	1.1362	0.0455
<50%	Front	20	2.0705	0.0466
<50%	Back	20	0.4807	0.0442
Limit			614	1.63
Margin Limit (%)			0.34%	2.86%

Maximum permissible Exposure (Phone: 15W + Watch: 2.5W)				
Battery levels	Test sides	Test distance(cm)	E –field(V/m)	H–field(A/m)
<99%	Top	20	1.5035	0.0443
<99%	Left	20	1.4429	0.0431
<99%	Right	20	1.1378	0.0458
<99%	Front	20	2.0718	0.0463
<99%	Back	20	0.4812	0.0438
Limit			614	1.63
Margin Limit (%)			0.34%	2.84%

4 Test Setup Photos



*****THE END*****