

Human Exposure Report

FCC ID: LDKDSKH2377

Project No. : 2106H020
Equipment : Cisco Webex Desk Hub
Brand Name : Cisco
Test Model : CD-DSKH
Series Model : N/A
Applicant : Cisco Systems,Inc
Address : 125 West Tasman Drive, San Jose, California ,United States
Manufacturer : Cisco Systems,Inc.
Address : 170 West Tasman Drive, San Jose, CA, USA, 95134
Factory : 1) WISTRON INFOCOMM (ZHONGSHAN) CORPORATION
2) WISTRON MEXICO S.A DE C.V
Address : 1) NO.38 EAST KEJI ROAD, ZHONGSHAN TORCH DEVELOPMENT ZONE, ZHONGSHAN CITY, GUANGDONG,CHINA
2) CALLE BAUDELIO PÉREZ MUCHARRAS, NO. 420 ORIENTE, COL. ZARAGOZA, CD. JUAREZ, CHIHUAHUA, C.P. 32700, MEXICO
Date of Receipt : Jun. 21, 2021
Date of Test : Jun. 21, 2021~Sep. 01, 2021
Issued Date : Oct. 20, 2021
Report Version : R01
Test Sample : Engineering Sample No.:
EUT: SH20210609121(RFD),SH2021082351(TDK) for radiated;
SH20210609122(RFD),SH2021082351(TDK) for Conducted;
Adapter:SH20210609121-4, SH20210609121-5
Standard(s) : 47 CFR PART 1, Subpart I, Section 1.1310
KDB680106 D01 RF Exposure Wireless Charging Apps v03

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Maker Qi

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TESTING CERT #5123.03

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Sep. 18, 2021
R01	Revised report to address TCB's comments.	Oct. 20, 2021

1. GENERAL INFORMATION

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China
 BTL's Test Firm Registration Number for FCC: 476765
 BTL's Designation Number for FCC: CN1241

2. TEST RESULTS

2.1 LIMITS

For 47 CFR PART 1, Subpart I, Section 1.1310:

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 Exposures				
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
300-1500	/	/	f/300	6
1500-100000	/	/	5	6
(B) Limits for General Population / Uncontrolled Exposures				
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
1500-100000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules.

The emissions should be within the limits at 300kHz in Table 1 of 1.1310 (use the 300kHz limits for 150kHz: 614V/m, 1.63A/m).

For KDB680106 D01:

For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 15 cm. E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

2.2 MEASUREMENT DATA

RFD:

Electric Field Emissions

Test Position(20cm)	Probe Measure Results (V/m)	Limit (V/m)
	intermediate charge	
Top	1.09	614

Test Position(15cm)	Probe Measure Results (V/m)	Limit (V/m)
	intermediate charge	
Front Side	1.07	614
Back Side	1.31	614
Left Side	0.78	614
Right Side	0.85	614
Top	1.01	614
Bottom	1.20	614

Note:

The maximum Probe Measure Results of this EUT is 1.31 V/m, less than 307 V/m(614 *50%).

Magnetic Field Emissions

Test Position(20cm)	Probe Measure Results (A/m)	Limit (A/m)
	intermediate charge	
Top	0.015	1.63

Test Position(15cm)	Probe Measure Results (A/m)	Limit (A/m)
	intermediate charge	
Front Side	0.028	1.63
Back Side	0.019	1.63
Left Side	0.041	1.63
Right Side	0.031	1.63
Top	0.046	1.63
Bottom	0.032	1.63

Note:

The maximum Probe Measure Results of this EUT is 0.041 A/m, less than 0.815 V/m(1.63*50%).

TDK:

Electric Field Emissions

Test Position(20cm)	Probe Measure Results (V/m)	Limit (V/m)
	intermediate charge	
Top	0.99	614

Test Position(15cm)	Probe Measure Results (V/m)	Limit (V/m)
	intermediate charge	
Front Side	0.98	614
Back Side	1.26	614
Left Side	0.84	614
Right Side	0.92	614
Top	1.13	614
Bottom	1.25	614

Note:

 The maximum Probe Measure Results of this EUT is 1.26 V/m, less than 307 V/m($614 * 50\%$).

Magnetic Field Emissions

Test Position(20cm)	Probe Measure Results (A/m)	Limit (A/m)
	intermediate charge	
Top	0.028	1.63

Test Position(15cm)	Probe Measure Results (A/m)	Limit (A/m)
	intermediate charge	
Front Side	0.022	1.63
Back Side	0.034	1.63
Left Side	0.042	1.63
Right Side	0.036	1.63
Top	0.047	1.63
Bottom	0.049	1.63

Note:

 The maximum Probe Measure Results of this EUT is 0.049 A/m, less than 0.815 V/m($1.63 * 50\%$).

Remark:

1. The EUT has the maximum average output power when the support unit is in low power and being charged by EUT.
2. The transfer system includes only single primary. The transfer system designed by Wireless Power Consortium (WPC). The main purpose is Provide convenient and universal wireless charging for mobile phones and other portable electronic devices. Under the Qi standard, the transmission and reception use flat inductors to transmit energy by inductive coupling.

3. MEASUREMENT INSTRUMENTS LIST

Human Exposure					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EM Radiation Meter	N/A	EMR-30	P-0137	Apr. 15, 2022
2	E-Field Probe	Narda Safety Test Solutions Gmbh	EF 0391 (NBM)	A0253	Jan. 21, 2022

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

4. TEST PHOTOS

Front Side(15 cm)



Back Side(15 cm)



Left Side(15 cm)



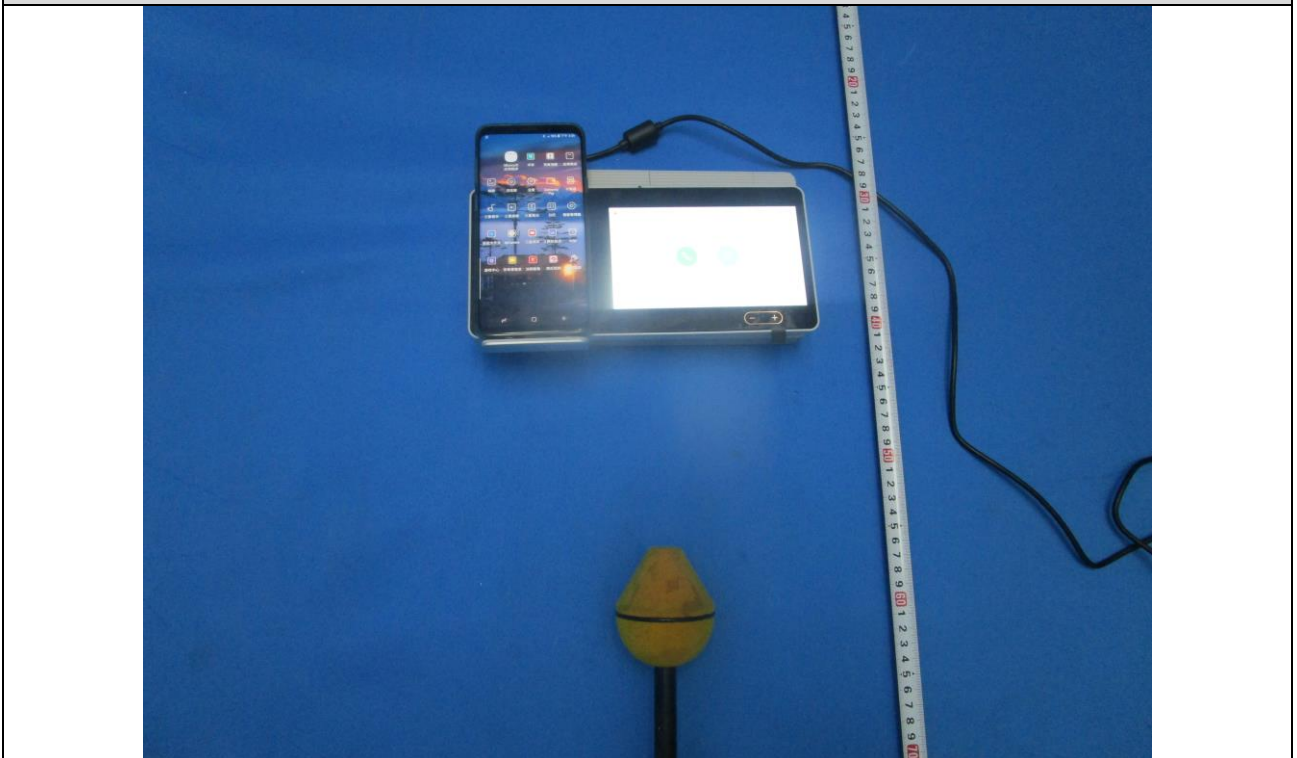
Right Side(15 cm)



Top(20 cm)



Bottom(15 cm)



End of Test Report