

FCC RF EXPOSURE REPORT

FCC ID: LDKROOM2217

Project No. : 2001H001
Equipment : UC phone
Brand Name : Cisco Webex Room Phone
Test Model : CP-ROOM
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. Shenzhen Fugui Precision Industry Co., Ltd.
2. FUYU PRECISION COMPONENT CO.,LTD.
3. Scientific-Atlanta de Mexico, S. DE R.L. DE C.V.
1. Building D9,D10,E5,E6,F6,F8 and F21, Foxconn Science and Technology Industrial Part, East side of Min Qing Road, Longhua Subdistrict Longhua District, Shenzhen, Guangdong 518108, China
Address : 2. Lo M1 va Lo F, Khu cong nghiep Quang Chau, Xa Van Trung, Huyen Viet Yen, Tinh Bac Giang, Viet Nam
3. C. Intermex 1680 y Avenue De Las Torres Parque Industrial Intermex CP32690 Cd. Juarez, Chihuahua, Mexico
Date of Receipt : Jan. 03, 2020
Date of Test : Jan. 05, 2020~Feb. 15, 2020
Issued Date : May. 08, 2020
Report Version : R00
Test Sample : Engineering Sample No.: SH20200102143
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

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

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue	May. 08, 2020

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi R^2} = \frac{EIRP}{4\pi R^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

For 2.4 GHz

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Internal	IPEX	2.7	N/A

For 5 GHz

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	N/A	N/A	Internal	IPEX	3.0	N/A

2. TEST RESULTS

For 2.4GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Tune up Output Power (dBm)	Max. Tune up Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.7	1.8621	24.50	281.8383	0.10450	1	Complies

For 5GHz:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Tune up Output Power (dBm)	Max. Tune up Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
3.0	1.9953	16.50	44.6684	0.01770	1	Complies

For the max simultaneous transmission MPE:

2.4G+5G

Power Density (S) (mW/cm ²)	Power Density (S) (mW/cm ²)	Total	Limit of Power Density (S) (mW/cm ²)	Test Result
2.4GHz	5GHz			
0.10450	0.01770	0.12220	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: 1.5 dBm).

End of Test Report