

# Maximum Permissible Exposure Report

**FCC ID: LDK88752517**

**Report No.** : BTL-FCCP-6-2112T026  
**Equipment** : Video Phone  
**Model Name** : CP-8875  
**Brand Name** : CISCO  
**Applicant** : Cisco Systems Inc  
**Address** : 125 West Tasman Drive  
San Jose, CA 95134-1706  
United States

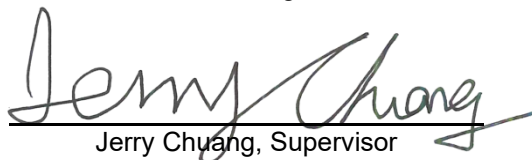
**FCC Rule Part(s)** : FCC CFR Title 47, Part 2 (2.1091)  
FCC Guidelines for Human Exposure IEEE C95.1

**Date of Receipt** : 2021/12/6  
**Date of Test** : 2021/12/6 ~ 2022/1/21  
**Issued Date** : 2022/2/7

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

**Prepared by** :

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**BTL Inc.**

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**REVISION HISTORY**

Report No.	Version	Description	Issued Date
BTL-FCCP-6-2112T026	R00	Original Report.	2022/2/7

**Table for Filed Antenna**

Antenna	Manufacture	Part number	Type	Connector	Frequency (MHz)	Gain (dBi)
1		WA-P-LB-02-885	PCB	I-PEX	2400-2500	1.79
					5150-5850	2.27

**Maximum RF OUTPUT POWER**

Mode		Maximum Average Power (dBm)
WLAN 2.4 GHz	IEEE 802.11b	19.79
	IEEE 802.11g	24.38
	IEEE 802.11n (HT20)	24.69
RLAN 5 GHz	IEEE 802.11a	13.59
	IEEE 802.11n (HT20)	13.55
	IEEE 802.11n (HT40)	12.09
	IEEE 802.11ac (VHT20)	11.23
	IEEE 802.11ac (VHT40)	10.97
	IEEE 802.11ac (VHT80)	11.03
BT		4.20
BLE		4.09

**MPE CALCULATION METHOD:**

Calculation Method of RF Safety Distance:

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

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

**CALCULATED RESULT**

Band	Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power ( mW )	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Result
BT	1.79	1.5101	4.20	2.6303	0.00079059	1	Pass

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BLE	1.79	1.5101	4.09	2.5645	0.00077082	1	Pass

Band	Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power ( mW )	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Result
WLAN 2.4 GHz	1.79	1.5101	24.69	294.4422	0.08850145	1	Pass

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RLAN 5 GHz	2.27	1.6866	13.59	22.8560	0.00767274	1	Pass

**Note:**

1. The calculated distance is 20 cm.

**End of Test Report**