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 : Eric Lee

Eric Lee, Engineer

Approved by : Jerry Chuang

Jerry Chuang, Supervisor

Testing Laboratory
0659

BTL Inc.
No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan
Tel: +886-2-2657-3299 Fax: +886-2-2657-3331 Web: www.newbtl.com

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	INPAQ	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:

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

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

CALCULATED RESULT

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

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

Band	Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Result
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