Product Name: UC Phone	**Report No: FCC022022-5527RF14**
Product Model: CP-8832	**Security Classification: Open**
Version: V1.0	**Total Page:5**

TIRT Testing Report

Prepared By:	**Checked By:**	**Approved By:**	
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Stone Tang	Randy LV	Daniel Chen	

FCC RF EXPOSURE REPORT

FCC ID: LDK88322678

Project No.	:	022022-5527
Equipment	:	UC Phone
Brand Name	:	Cisco
Test Model	:	CP-8832
Series Model	:	N/A
Applicant	:	Cisco Systems Inc
Address	:	125 West Tasman Drive San Jose, CA 95134-1706 United States
Manufacturer	:	Cisco Systems Inc
Address	:	125 West Tasman Drive San Jose, CA 95134-1706 United States
Factory 1	:	Shenzhen Fulian Fugui Precision Industry Co., Ltd. Communication & Network Solution Business Group
Address 1	:	3/F, D10 Building, F8d Area Foxconn Science and Technology Industrial Park, East side of Min Qing Road, Longhua Street Longhua District, Shenzhen Guangdong 518109 China
Factory 2	:	Fuyu Precision Component Company Limited
Address 2	:	Lot M1 and Lot F, Quang Chau Industrial Park, VanTrung Commune, Viet Yen District, Bac Giang Province, 26171, Vietnam
Date of Receipt	:	2022.06.24
Date of Test	:	2022.06.25 ~ 2022.10.17
Issued Date	:	2022.10.25
Report Version	:	V1.0
Test Sample	:	Engineering Sample No.: 20220624018684
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091

- The test result referred exclusively to the presented test model /sample.
- Without written approval of TIRT Inc. the test report shall not reproduced except in full.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
FCC022022-5527RF14	V1.0	Original Report.	2022.10.25	Valid

1. TEST FACILITY

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	101, 3 # Factory Building, Gongjin Electronics Shatin Community, Kengzi Street, Pingshan District, Shenzhen, China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab. Designation Number:	CN1309
FCC Test Firm Registration Number:	825524
Telephone:	+86-0755-27087573

2. 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 2.4GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	SAA Shanghai Amphenol Airwave	CI8226-15-000-R	PCB	IPEX	4.1

Note:
The antenna gain is provided by the manufacturer.

For 5GHz:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	SAA Shanghai Amphenol Airwave	CI8226-15-000-R	PCB	IPEX	4.8

Note:
The antenna gain is provided by the manufacturer.

3. TEST RESULTS

For 2.4GHz:

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)	Test Result
4.1	2.5704	23.98	250.0345	0.12792	1	Complies

For 5GHz:

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)	Test Result
4.8	3.0200	21.57	143.5489	0.08629	1	Complies

For DECT:

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Turn up Power (dBm)	Max. Turn up Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
-0.4	0.9120	3.5	2.2387	0.00041	1	Complies

For the max simultaneous transmission MPE:

Ratio		Total	Limit of Ratio	Test Result
2.4GHz	DECT			
0.12792	0.00041	0.12833	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report