

Product Name: Smart Wire-Free Security Camera	Report No: FCC022022-5385RF14
Product Model: Tapo C400	Security Classification: Open
Version: V1.0	Total Page:4

TIRT Testing Report



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FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4C400

Project No. : 022022-5385

Equipment: Smart Wire-Free Security Camera

Brand Name : tp-link
Test Model : Tapo C400

Series Model : N/A

Applicant: TP-Link Corporation Limited

Address : Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road,

Tsim Sha Tsui, Kowloon, Hong Kong

Manufacturer : TP-Link Corporation Limited

Address : Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,

Tsim Sha Tsui, Kowloon, Hong Kong

Date of Test : 2022.09.05-2022.10.12

Issued Date : 2022.10.20

Report Version : V1.0

Test Sample : Engineering Sample No.: 20220713018147

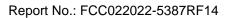
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

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
FCC022022-5385RF14	V1.0	Original Report.	2022.10.20	Valid



1. TEST LOCATION

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:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp -link	N/A	IFA	N/A	0

Note:

3. TEST RESULTS

Antenna Gain (dBi)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
0	20.32	107.65	0.0214	1	Complies

Note: 1. The calculated distance is 20 cm.

End of Test Report

¹⁾ The antenna gain is provided by the manufacturer.