

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



Prepared By:	Checked By:	Approved By:	A circular blue stamp with the text "Beijing TIRT Technology Service Co., Ltd" around the perimeter and "TIRT Shenzhen" in the center.
Stone Tang	Randy Lv	Daniel Chen	
Stone Tang	Randy Lv	Daniel chen	

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:

1) The antenna gain is provided by the manufacturer.

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