

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

## TIRT Testing Report



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

# 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 <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
0	20.32	107.65	0.0214	1	Complies

Note: 1. The calculated distance is 20 cm.

**End of Test Report**