

Product Name: Tapo Smart Floodlight Camera	Report No: FCC022022-05623RF1
Product Model: Tapo C720	Security Classification: Open
Version: V1.0	Total Page: 5

TIRT Testing Report



Prepared By:	Checked By:	Approved By:	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: 2AXJ4C720

Project No. : 2022-05623
Equipment : Tapo Smart Floodlight Camera
Brand Name : TP-Link
Test Model : Tapo C720
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 Receipt : 2022.10.17
Date of Test : 2022.10.17-2022.10.28
Issued Date : 2022.10.28
Report Version : V1.0
Test Sample : Engineering Sample No.: 20221026018940
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
FCC022022-05623RF2	V1.0	Original Report	2022.10.28	Valid

1. TEST FACILITY

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	101, 3 # Factory Building, Gongjin Electronics, Shatin Community, KengziStreet, Pingshan District, Shenzhen City, Guangdong province, China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number	6049.01
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

For LE :

Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	TP-Link	N/A	IFA	N/A	0.02
2	TP-Link	N/A	Dipole	N/A	-0.40

Note:

1. The antenna gain is provided by the manufacturer.
2. EUT support CDD, power Directional Gain 0.02 dBi

3. TEST RESULTS

For 802.11n(20MHz)-CH06:

Directional Gain (dBi)	Directional 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
0.02	1	26.89	488.6524	0.09771	1	Complies

Note:

1. Only the worst case recorded.
2. The calculated distance is 20 cm.

End of Test Report