Product Name: Tapo Smart Motion Sensor	**Report No: FCC022022-05741RF14**
Product Model: Tapo T100	**Security Classification: Open**
Version: V1.0	**Total Page: 4**

TIRT Testing Report

Prepared By:	Checked By:	Approved By:	
Stone Tang	Randy Lv	Daniel Chen	
Stone Tang	Randy LV	Daniel chen	

FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4T100

Equipment	:	Tapo Smart Motion Sensor
Brand Name	:	Tp-link, Tapo
Test Model	:	Tapo T100
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	:	2022.11.2
Date of Test	:	2022.11.2 ~ 2022.11.8
Issued Date	:	2022.11.8
Report Version	:	V1.0
Test Sample	:	Engineering Sample No.: 20221103019321
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
FCC022022-05741RF14	V1.0	Compared with original report (BTL-FCCP-1-2107C003), added the nominal operating frequency (920.9MHz, 921.7MHz), so the test result is recalculated.	2022.11.08	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 City, 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

or Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp-link	N/A	Omni-Directional	N/A	-6.00

3. TEST RESULTS

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
-6.00	0.2512	9.64	9.2045	0.00046	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report