Product Name: Tapo Smart Button	**Report No: FCC022022-05743RF14**
Product Model: Tapo S200B	**Security Classification: Open**
Version: V1.0	**Total Page: 4**

TIRT Testing Report

Prepared By:	Checked By:	Approved By:	
Stone Tang	Randy Lv	Daniel Chen	
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FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4S200B

This report concerns: Class II Permissive Change

Project No.	:	2022-05743
Equipment	:	Tapo Smart Button
Brand Name	:	tp-link, tapo
Test Model	:	Tapo S200B
Series Model	:	Tapo S200D
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	:	2022.11.03
Date of Test	:	2022.11.04 ~ 2022.11.30
Issued Date	:	2022.12.03
Report Version	:	V1.0
Test Sample	:	Engineering Sample No.: 20221103019320
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
FCC022022-05743RF14	V1.0	Compared with original report (BTL-FCCP-2-2109C096), added the nominal operating frequency (920.9MHz, 921.7MHz) which does not affect the test results. The rest are kept the same.	2022.12.03	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, 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

Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp-link	N/A	on board	N/A	-4.47

Note: The antenna gain is provided by the manufacturer.

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
-4.47	0.3573	10.16	10.3753	0.00074	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report