FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4S200B

Project No.	:	2109C096
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	:	Sep. 10, 2021
Date of Test	:	Nov. 11, 2021 ~ Mar. 17, 2022
Issued Date	:	Apr. 11, 2022
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG2021110975
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091 FCC Title 47 Part 2.1091

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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Approved by : Chay Cai

TESTING CERT #5123.02

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Apr. 02, 2022
R01	1. Added the brand name. 2. Updated the antenna type.	Apr. 11, 2022

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 3 Jinshagang 1st Rd. Shixia, Dalang Town Dongguan City, Guangdong 523792 People's Republic of China.
BTL's Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

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