

FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4KP125

Project No. : 2103C114
Equipment : Kasa Smart Wi-Fi Plug Slim, Energy Monitoring
Brand Name : tp-link
Test Model : KP125
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 : Mar. 12, 2021
Date of Test : Mar. 24, 2021 ~ Apr. 02, 2021
Issued Date : Apr. 23, 2021
Report Version : R00
Test Sample : Engineering Sample No.: DG2021031538
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

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



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Certificate #5123.02

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REPORT ISSUED HISTORY

| Report Version | Description | Issued Date |
|----------------|----------------|---------------|
| R00 | Original Issue | Apr. 23, 2021 |

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's Test Firm 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

Table for Filed Antenna:

| Ant. | Brand | P/N | Antenna Type | Connector | Gain (dBi) |
|------|---|-----|--------------|-----------|------------|
| 1 |  | N/A | IFA | N/A | 3.5 |

Note:

- 1) The antenna gain is provided by the manufacturer.

3. TEST RESULTS

| Antenna Gain (dBi) | Antenna Gain (numeric) | Max. Average Power (dBm) | Max. Average Power (mW) | Power Density (S) (mW/cm ²) | Limit of Power Density (S) (mW/cm ²) | Test Result |
|--------------------|------------------------|--------------------------|-------------------------|---|--|-------------|
| 3.5 | 2.2387 | 18.66 | 73.4514 | 0.03273 | 1 | Complies |

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: 0.5 dBm).

End of Test Report