

FCC RF EXPOSURE REPORT

FCC ID: 2AXJ4KC410S

Project No. : 2008C004
Equipment : Kasa Spot Pan Tilt, 24/7 Recording
Brand Name : tp-link
Test Model : KC410S
Series Model : NA
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 : Aug. 03, 2020
Date of Test : Aug. 06, 2020 ~ Aug. 27, 2020
Issued Date : Sep. 24, 2020
Report Version : R01
Test Sample : Engineering Sample No.: DG2020080322 for conducted, DG2020080323 for radiated.
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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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Sep. 07, 2020
R01	Changed the applicant, manufacturer's information and ID.	Sep. 24, 2020

1. 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	Model Name	Antenna Type	Connector	Gain (dBi)
1	TP-LINK	N/A	PIFA	N/A	3.04

2. 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
3.04	2.0137	20.02	100.4616	0.04027	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report