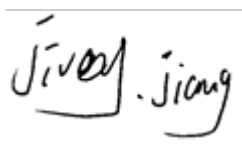


# FCC RF EXPOSURE REPORT

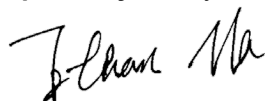
## FCC ID: TE7KC125

**Project No.** : 1911C087  
**Equipment** : Kasa Cam, 24/7 Recording  
**Brand Name** : tp-link  
**Test Model** : KC125  
**Series Model** : N/A  
**Applicant** : TP-Link Technologies Co., Ltd.  
**Address** : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
**Manufacturer** : TP-Link Technologies Co., Ltd.  
**Address** : Building 24(floors1,3,4,5) and 28(floors1-4) Central Science and Technology Park, Shennan Rd, Nanshan, Shenzhen, China  
**Date of Receipt** : Nov. 14, 2019  
**Date of Test** : Nov. 19, 2019 ~ Dec. 06, 2019  
**Issued Date** : Jan. 02, 2020  
**Report Version** : R00  
**Test Sample** : Engineering Sample No.: DG2019111456  
**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.



Prepared by : Jivey Jiang



Approved by : Ethan Ma



Certificate #5123.02

Add: No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

Tel: +86-769-8318-3000

Web: [www.newbtl.com](http://www.newbtl.com)

**REPORT ISSUED HISTORY**

| Report Version | Description     | Issued Date   |
|----------------|-----------------|---------------|
| R00            | Original Issue. | Jan. 02, 2020 |

## 1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

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    | N/A   | N/A        | Internal     | N/A       | 4.05       |

## 2. TEST RESULTS

|                            |
|----------------------------|
| Tune up tolerance<br>(dBm) |
| $\pm 0.5$                  |

| Antenna Gain<br>(dBi) | Antenna<br>Gain<br>(numeric) | Max. Peak<br>Output Power<br>(dBm) | Max. Peak<br>Output Power<br>(mW) | Power Density<br>(S) (mW/cm <sup>2</sup> ) | Limit of Power<br>Density (S)<br>(mW/cm <sup>2</sup> ) | Test Result |
|-----------------------|------------------------------|------------------------------------|-----------------------------------|--------------------------------------------|--------------------------------------------------------|-------------|
| 4.05                  | 2.5410                       | 25.45                              | 350.7519                          | 0.17740                                    | 1                                                      | Complies    |

Note: The calculated distance is 20 cm.

Output power including tune up tolerance(tune up tolerance: X.XX dBm).

**End of Test Report**