

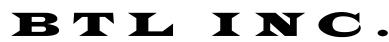


FCC RF EXPOSURE REPORT

FCC ID: TE7HS200V4

Project No.	: 1902C021
Equipment	: Smart Wi-Fi Light Switch
Test Model	: HS200
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
According	: FCC Guidelines for Human Exposure IEEE

C95.1 & FCC Part 2.1091



No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China. TEL: +86-769-8318-3000 FAX: +86-769-8319-6000



Certificate #5123.02





1. GENERAL SUMMARY

Equipment : Brand Name :	: Smart Wi-Fi Light Switch
	: HS200
Series Model	: N/A
Applicant :	: TP-Link Technologies Co., Ltd.
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 Test	: Feb. 18, 2019 ~ Mar. 06, 2019
Test Sample	: Engineering Sample No.: D190201340 for conducted, D190201339 for radiated.
Standards	: 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.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1902C021) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

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	TP-LINK °	6035500079	Internal	N/A	2.79



3. TEST RESULTS

Antenna Gain (dBi)		0	Max. Average Output Power (mW)		Limit of Power Density (S) (mW/cm ²)	Test Result
2.79	1.9011	20.91	123.3105	0.04666	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

End of Test Report