FCC RF EXPOSURE REPORT

FCC ID: V7TSP6V1

This report concerns: Original Grant

Project No.	:	1906C015B
Equipment	:	Smart Wi-Fi Plug Mini
Brand Name	:	Tenda
Test Model	:	SP6
Series Model	:	N/A
Applicant	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Manufacturer	:	SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address	:	6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
Date of Receipt	:	Nov. 11, 2019
Date of Test	:	Nov. 11, 2019 ~ Nov. 17, 2019
Issued Date	:	Nov. 27, 2019
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG20191111129.
Standard(s)	:	FCC Guidelines for Human Exposure IEEE C95.1 & FCC 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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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Nov. 27, 2019

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	N/A	N/A	Internal	N/A	1

2. TEST RESULTS

Tune up tolerance(dBm)
2.4GHz
1.5

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1	1.2589	29.54	899.4976	0.22539	1	Complies

Note:
1. The calculated distance is 20 cm.
2. Output power including tune up tolerance(tune up tolerance: ±1.5 dBm)

End of Test Report