

FCC RF EXPOSURE REPORT

FCC ID: V7TF9-17

Project No. : 1706C276A
Equipment : 600Mbps Wireless N Router
Model : F9
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD.
**Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan
Road, Nanshan District, Shenzhen, China.
518052**

**According: : FCC Guidelines for Human Exposure IEEE
C95.1 & FCC Part 2.1091**

B T L I N C .

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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)	Note
1	N/A	N/A	Dipole Antenna	N/A	5	TX
2	N/A	N/A	Dipole Antenna	N/A	5	TX
3	N/A	N/A	Dipole Antenna	N/A	5	TX
4	N/A	N/A	Dipole Antenna	N/A	5	RX

TEST RESULTS

EUT :	600Mbps Wireless N Router	Model Name :	F9
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		

2.4G WIFI

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
5	3.1623	29.39	868.9604	0.54695	1	Complies

Note: the calculated distance is 20 cm.