FCC RF EXPOSURE REPORT

FCC ID:WS2-WG6611

Project No.	**: 1707167**
Equipment	**: WLAN module**
Model	**: WG6611-00, WG6611P00**
Applicant	**: Jorjin Technologies INC.**
Address	**: 17F, No 239, Datong Road, Sec 1, Xizhi District, New Taipei City, Taiwan 22161**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091**

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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)
1	Unictron	AA273	PIFA	IPEX	3.58

TEST RESULTS

EUT：	WLAN module	Model Name :	WG6611-00, WG6611P00
Temperature：	25 ℃	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
3.58	2.2803	23.23	210.3778	0.09549	1	Complies

Note: the calculated distance is 20 cm.