

FCC RF EXPOSURE REPORT

FCC ID: ZK8-HB001C

The report concerns: Original Grant

Testing Laboratory : DongGuan ShuoXin Electronic Technology Co., Ltd.
Zone A, 1F, No. 6, XinGang Road YuanGang Street,
Address : XinAn District, ChangAn Town, DongGuan City,
GuangDong, China

Applicant's name : ZMOD0 Technology Shenzhen Corp. Ltd
25/F, Office Tower A, Financial Technology Building,
Address : 11 Keyuan Road, Nanshan District, Shenzh
en, Guangdong, China
Manufacturer : ZMOD0 Technology Shenzhen Corp. Ltd

Equipment : Hubbell SpectraSAFE
Trade Mark : N/A
Model : 93124134
Ratings : I/P: DC 5V

Responsible Engineer :


Smile Wang

Authorized Signatory:


King Wang

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)	Note
1	N/A	N/A	PCB Antenna	Ipex	3	

TEST RESULTS

EUT :	Hubbell□SpectraSAFE	Model Name :	93124134
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	DC 5V		

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	1.9953	19.03	79.98	0.03177	1	Complies

For 2.4G MPE:

0.03177/1

Note: the calculated distance is 20 cm.