

FCC RF EXPOSURE REPORT

FCC ID: 2AR82-SKIW6022101

Project No. : 1811C127
Equipment : wifi module
Test Model : SKI.W6022.1
Series Model : SKO.W6022.2, SKO.W6022.3, SKO.W6022.5, SKI.W6022.6
Applicant : Guangzhou Shikun Electronics Co., Ltd
Address : NO.192 KEZHU ROAD, SCIENCE PARK GUANGZHOU,
GUANGDONG, CHINA

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

B T L I N C .

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Certificate #5123.02

1. GENERAL SUMMARY

Equipment : wifi module
 Brand Name : N/A
 Test Model : SKI.W6022.1
 Series Model : SKO.W6022.2, SKO.W6022.3, SKO.W6022.5, SKI.W6022.6
 Applicant : Guangzhou Shikun Electronics Co., Ltd
 Manufacturer : Guangzhou Shikun Electronics Co., Ltd
 Address : NO.192 KEZHU ROAD, SCIENCE PARK GUANGZHOU, GUANGDONG, CHINA
 Factory : CK Telecom (heyuan) Limited
 Address : Ke Jiu Road N, Xing Ye Road E, Hi-tech Development Zone, He Yuan City
 Date of Test : Dec. 13, 2018 ~ Jan. 15, 2019
 Test Sample : Engineering Sample No.: D181110732
 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-2-1811C127) 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	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	N/A	2.62

3. TEST RESULTS

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.62	1.8281	17.62	57.8096	0.02104	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report