

# FCC RF EXPOSURE REPORT

**FCC ID: 2AC23-WL6E**

**Project No. : 1904C050**  
**Equipment : WIFI Module**  
**Model : WL6ER1510**  
**Applicant : Hui Zhou Gaoshengda Technology Co.,LTD**  
**Address : NO.75 Zhongkai Development Area, Huizhou, Guangdong**

**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 : GSD  
Test Model : WL6ER1510  
Series Model : N/A  
Applicant : Hui Zhou Gaoshengda Technology Co.,LTD  
Manufacturer : Hui Zhou Gaoshengda Technology Co.,LTD  
Address : NO.75 Zhongkai Development Area, Huizhou, Guangdong  
Factory : Hui Zhou Gaoshengda Technology Co.,LTD  
Address : NO.75 Zhongkai Development Area, Huizhou, Guangdong  
Date of Test : Apr. 12, 2019 ~ May 08, 2019  
Test Sample : Engineering Sample No.: D190403745  
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-2-1904C050) 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	2.50

## 3. TEST RESULTS

Antenna gain (dBi)	Directional gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.50	1.7783	16.02	39.9945	0.01416	1	Complies

Note: The calculated distance is 20 cm.

Output power including tune up tolerance.

**End of Test Report**