

**Statement of compliance to
Maximum Permissible Exposure (MPE)
No. 180600646SHA-003**

Applicant : Hansong (Nanjing) Technology Ltd.
8th Kangping Road, Jiangning Economy and Technology Development
Zone, Nanjing, 211106, China.

Manufacturer : Hansong (Nanjing) Technology Ltd.
8th Kangping Road, Jiangning Economy and Technology Development
Zone, Nanjing, 211106, China.

Product Name : HS BT Module

Type/Model : HSBT070A

**According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this
section shall be operated in a manner that ensures that the public is not exposed to radio
frequency energy level in excess of the Commission's guidelines.**

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Wade Zhang (Project engineer)

Reviewed by:

Daniel Zhao

Daniel Zhao (Reviewer)

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

The calculations in the table below use the highest gain of antenna for client EUT. These calculations represent worst case in terms of the exposure levels.

| Frequency band | Power | | Antenna Gain | | R | S | Limits |
|-----------------------|-------|------|--------------|-----------|------|-----------------------|-----------------------|
| (MHz) | dBm | mW | dBi | (Numeric) | (cm) | (mW/cm ²) | (mW/cm ²) |
| 2402~2480 (BR+EDR) | 9.24 | 8.39 | 4.2 | 2.63 | 20 | 0.005 | 1 |
| 2402~2480 (BLE) | 9.03 | 8.00 | 4.2 | 2.63 | 20 | 0.004 | 1 |

| Frequency band | Max Permit Power with tolerance | | Antenna Gain | | R | S | Limits |
|-----------------------|---------------------------------|-------|--------------|-----------|------|-----------------------|-----------------------|
| (MHz) | dBm | mW | dBi | (Numeric) | (cm) | (mW/cm ²) | (mW/cm ²) |
| 2402~2480 (BR+EDR) | 10.00 | 10.00 | 4.2 | 2.63 | 20 | 0.005 | 1 |
| 2402~2480 (BLE) | 10.00 | 10.00 | 4.2 | 2.63 | 20 | 0.005 | 1 |

Note: 1 mW/cm² from 1.310 Table 1

Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of **20** cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.