

# Safety Human Exposure

## Radio Frequency Exposure Compliance

### Electromagnetic Fields

**RESULT:**

**Pass**

#### Test Specification

Test standard : CFR47 FCC Part 2.1093  
RSS 102 Issue 5  
Limit : FCC KDB Publication 447498 v06  
RSS 102 Issue 5, Clause 2.5.1

#### Measurement Record:

The minimum distance for the EUT is less than 5mm.

The maximum tested e.i.r.p.: 0.47dBm = 1.114mW

The maximum specified e.i.r.p.: 1.0dBm = 1.26mW

Antenna Gain: 1.7dBi

For FCC, according to KDB 447498 D01 v06 4.3.1 a):

The maximum specified output power of the transmitter is 1.0dBm (1.26mW), which is below the SAR exclusion threshold level in Bluetooth Band 9.5mW, hence the EUT is exempted from routine evaluation.

For IC, according to RSS 102 Issue 5, Clause 2.5.1:

The maximum specified peak output power & e.i.r.p. of the transmitter is 1.0dBm (1.26mW), which is below the SAR exclusion threshold level in Bluetooth band 4mW  $\approx$  6.02dBm, hence the EUT is exempted from routine evaluation.