

Safety Human Exposure

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Radio Frequency Exposure Compliance

Electromagnetic Fields

RESULT:**Pass****Test Specification**

Test standard : FCC KDB Publication 447498 v06
RSS 102 Issue 5

Measurement Record:

The maximum tested field strength is 92.44dBuV/m at 3 meter distance.

According to KDB 412172 D01 01r01,

$$\text{eirp} = \text{pt} \times \text{gt} = (\text{E} \times \text{d})^2 / 30$$

E = electric field strength in V/m,

d = measurement distance in meters (m).

Hence the maximum tested e.i.r.p.= -2.8dBm

The maximum conducted output power and e.i.r.p. specified.: 0dBm

Antenna Gain: 0dBi

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

Exempted Power for FCC according KDB 447498 D01 v06 for this frequency band: 9.5mW

Exempted Power for IC according RSS 102 Issue 5 for this frequency band: 4mW

Since the maximum conducted output power and e.i.r.p. is 0dBm = 1mW < 4 mW.

The EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06 and RSS 102 Issue 5, Clause 2.5.1 Table 1.