

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test standard : FCC KDB 447498 D01 v06
RSS-102 Issue 5 March 2015

Measurement Record:

FCC:

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

Since maximum peak output power of the transmitter is 0.00164 mW < 10 mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06

Canada:

Maximum conducted peak power: 0.00164 mW

Antenna Gain: 3.3 db -> x 2.1380

Maximum EIRP available 0.00351 mW

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Maximum Power available: 0.00351 mW
(higher of EIRP or conducted)

Since maximum output power of the transmitter is 0.00351mW < 4mW at 5mm, hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102