

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:

Passed

Test standard : FCC KDB Publication 447498 D01 v06
RSS-102 issue 5, Table 1

FCC:

Since maximum peak output power of the transmitter is 69.5 mW < 77mW(at 40mm) , hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v06: Mobile Portable RF Exposure

Canada:

Maximum conducted avg power: 42.36mW

Antenna Gain: 1.927 dBi -> x 1.558

Maximum Power available: 65.997 mW

Since maximum output power, either EIRP or conducted, of the transmitter is 65.997 mW < 83mW(at 30mm), hence the EUT is excluded from SAR evaluation according to Table 1 in RSS-102