

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

Test standard : FCC KDB Publication 447498 D01 v06
FCC CFR 47 Part 2 Subpart J Section 2.1091
ISED RSS-102 issue 5, 2.5.2

FCC:

Therefore the maximum output power of the transmitter is $2.26\text{mW} < 10\text{mW}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

Canada:

Frequency	Average power	Average power	Antenna gain	Numeric antenna gain	EIRP
(MHz)	(dBm)	(mW)	(dBi)	(dBi)	(mW)
2402	3.55	2.26	1.5	1.41	3.19
2440	3.16	2.07	2.5	1.78	3.68
2480	3.41	2.19	1.9	1.55	3.39

Since maximum output power of the transmitter is $3.68\text{ mW} < 4\text{mW}$, hence the EUT is excluded from SAR evaluation according to Table 1 in ISED RSS-102