

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:
Passed

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

FCC:

Therefore maximum average output power of the transmitter is 3.13 mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498: Mobile Portable RF Exposure.

Canada:
ANT0

Frequency	Average power	Average power	Antenna gain	Numeric antenna gain	EIRP
(MHz)	(dBm)	(mW)	(dBi)	(dBi)	(mW)
2405.35	4.95	3.13	0.87	1.22	3.82
2439.35	4.44	2.78	1.16	1.31	3.63
2477.35	4.01	2.52	1.21	1.32	3.33

Since maximum EIRP of the transmitter is 3.82 mW < 4mW at 5mm, hence the EUT is excluded from SAR evaluation according to Table 1 in ISED RSS-102.

ANT1

Frequency	Average power	Average power	Antenna gain	Numeric antenna gain	EIRP
(MHz)	(dBm)	(mW)	(dBi)	(dBi)	(mW)
2405.35	3.7	2.34	0.87	1.22	2.86
2439.35	3.24	2.11	1.16	1.31	2.75
2477.35	2.3	1.70	1.21	1.32	2.24

Since maximum EIRP of the transmitter is 2.86 mW < 4mW at 5mm, hence the EUT is excluded from SAR evaluation according to Table 1 in ISED RSS-102.