

1. RF EXPOSURE

According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to TCB Exclusions list, no SAR required if power is lower than the following threshold:

Frequency Range		Center Frequency (MHz)	60/f SAR Limitation (mW)
Low Frequency (MHz)	High Frequency (MHz)		
2402	2480	2441	24.58

Maximum measured transmitter power:

Conducted Power (mW)	Max Antenna Gain (dBi)	EIRP (mW)
0.018	2.5	0.032

Threshold at which no SAR required is 24.58 mw.

Maximum Tx power is 0.032 mW EIRP.

Conclusion: No SAR is required.