

7. RADIO FREQUENCY EXPOSURE

7.1 Limit

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 KDB 447498 (2)(a)(i)

7.2 EUT Specification

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

Conducted Power (dBm)	Max Antenna Gain (dBi)	EIRP (mw)
0.72	1.84	1.803

7.3 Test Results

Threshold at which no SAR required is 24.58 mw.

Maximum Tx Output power is 1.803 mw EIRP.

Conclusion: No SAR is required.