

RF Exposure Evaluation

Requirements:

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

This is a portable device.

Measurement Records:

802.11b mode			
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	SAR Threshold (mW)
2412	7.360	5.445	9.658
2437	7.100	5.129	9.609
2462	7.010	5.023	9.560

802.11g mode			
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	SAR Threshold (mW)
2412	7.350	5.433	9.658
2437	7.150	5.188	9.609
2462	7.040	5.058	9.560

802.11n(H20) mode			
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	SAR Threshold (mW)
2412	6.790	4.775	9.658
2437	6.670	4.645	9.609
2462	6.410	4.375	9.560

802.11n(H40) mode			
Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	SAR Threshold (mW)
2422	6.23	4.198	9.638
2437	6.11	4.083	9.609
2452	6.08	4.055	9.579

The EUT works on the 2.4G ISM band, the power of all frequencies are lower than the SAR threshold on KDB 447498 D01 General RF Exposure Guidance v05, so The SAR evaluation is not required.