

8. RF Exposure Report

8.1. Limit

According to §15.247(i), 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 levels in excess of the Commission's guidelines. See KDB 447498 D01 General RF Exposure Guidance V05.

8.2. EUT Specification

Frequency Bands	Max. EIRP (mW)
2.412~2.462GHz Band	9.0

Maximum measured transmitter power: 802.11b

AV Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
6.575	2.0	7.203	10mW

Maximum measured transmitter power: 802.11g

AV Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
5.364	2.0	5.450	10mW

Maximum measured transmitter power: 802.11n HT20

AV Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
4.894	2.0	4.891	10mW

Maximum measured transmitter power: 802.11n HT40

AV Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
4.018	2.0	3.998	10mW

8.3. Test Results

Threshold at which no SAR required

Maximum Tx Output power for 2.4GHz Band(2.412~2.462GHz) is 7.18mW EIRP.

The max. technically possible output power is 9.0mW(EIRP).

Conclusion: No SAR is required.