

## 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 technically possible PK Conducted Power(dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mW)
2.412~2.462GHz Band	7.5	2.0	8.91

Maximum measured transmitter power: 802.11b

PK Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
7.31	2.0	8.53	10mW

Maximum measured transmitter power: 802.11g

PK Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
6.61	2.0	7.26	10mW

Maximum measured transmitter power: 802.11n HT20

PK Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
5.71	2.0	5.90	10mW

Maximum measured transmitter power: 802.11n HT40

PK Conducted Power (dBm)	Max. Antenna Gain (dBi)	Max. EIRP (mw)	SAR Limitation
3.91	2.0	3.90	10mW

### 8.3. Test Results

Threshold at which no SAR required

Maximum Tx Output power for 2.4GHz Band(2.412~2.462GHz) is 8.53mW EIRP.

The max. technically possible output power is 8.91mW(EIRP).

**Conclusion:** No SAR is required.