

WLAN (Portable device)

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)

Frequency Range		Center frequency (MHz)	60/f SAR Limitation (mw)
Low Frequency (MHz)	High Frequency(MHz)		
2412	2462	2437	25

Maximum measured transmitter power: 802.11b

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.76	7.52	2	11.9

Maximum measured transmitter power: 802.11g

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.02	6.34	2	10.04

Maximum measured transmitter power: 802.11n HT20

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
7.83	6.07	2	9.61

Maximum measured transmitter power: 802.11n HT40

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
7.49	5.61	2	8.89

Threshold at which no SAR required is 25 mw.

Maximum Tx power is 11.9mw EIRP

Conclusion: No SAR is required.

Sincerely,

Tony Pan



Signature

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