FCC ID: RHNGF33

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	24.37

Maximum measured transmitter power: 802.11b

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
12.47	17.66	0	17.66

Maximum measured transmitter power: 802.11g

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
11.26	13.37	0	13.37

Maximum measured transmitter power: 802.11n HT20

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
10.52	11.27	0	11.27

Maximum measured transmitter power: 802.11n HT40

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
9.55	9.02	0	9.02

For the Tune Up information from the applicant, the maximum output power is 11b (12.60dBm) 11g (11.40dBm) 11n HT20 (10.70dBm), 11n HT40 (9.80dBm), so the worst case of Conducted Power and EIRP will be still less than FCC SAR exemption threshold.

Threshold at which no SAR required is 24.37 mw.
Maximum Tx power is 17.66mw EIRP
Conclusion: No SAR is required.
Sincerely,

Zhihua Yao

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