

FCC ID: S7JNX010HI8G

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 KDB447498 D01 General RF Exposure Guidance V05

Frequency Range		Center frequency (MHz)	Limitation (mw)
Low Frequency (MHz)	High Frequency(MHz)		
2412	2462	2437	10 mw

Maximum measured transmitter power: 802.11b

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.39	6.90	1	8.69

Maximum measured transmitter power: 802.11g

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.80	7.59	1	9.55

Maximum measured transmitter power: 802.11n HT20

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.68	7.38	1	9.29

Maximum measured transmitter power: 802.11n HT40

Conducted Power (dBm)	Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
8.24	6.67	1	8.39

For the Tune Up information from the applicant, the maximum output power is 9.55mW, 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 10mw.

Maximum Tx power is 9.55mw EIRP

Conclusion: No SAR is required.

Attestation:

City and Country:	Date:	Name: (this must be a person)	Function:	Signature: (or official company stamp)
Shenzhen	24-3-2013	Xiangqian Shu	Engineer	