

FCC ID: R4Y-SB7402-A

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 D01

| Frequency Range | | Center frequency (MHz) | 60/f SAR Limitation (mw) |
|---------------------|---------------------|------------------------|--------------------------|
| Low Frequency (MHz) | High Frequency(MHz) | | |
| 2412 | 2462 | 2437 | 10.00 |

Maximum measured transmitter power: 802.11b

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dBi) | EIRP (mw) |
|-----------------------|----------------------|------------------------|-----------|
| 7.90 | 6.17 | 1.75 | 9.23 |

Maximum measured transmitter power: 802.11g

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dBi) | EIRP (mw) |
|-----------------------|----------------------|------------------------|-----------|
| 6.26 | 4.23 | 1.75 | 6.32 |

Maximum measured transmitter power: 802.11n HT20

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dBi) | EIRP (mw) |
|-----------------------|----------------------|------------------------|-----------|
| 5.52 | 3.56 | 1.75 | 5.33 |

Maximum measured transmitter power: 802.11n HT40

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dBi) | EIRP (mw) |
|-----------------------|----------------------|------------------------|-----------|
| 4.55 | 2.85 | 1.75 | 4.26 |

For the Tune Up information from the applicant, the maximum output power is 11b (8.00dBm) 11g (6.50dBm) 11n HT20 (6.00dBm), 11n HT40 (5.00dBm), 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 9.23 mw EIRP

Conclusion: No SAR is required.

Sincerely,



Signature

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