# FCC ID: XFM-B7916Q

## 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:
Antenna Gain 2dBi
802.11b Frequency range 2412MHz~2462MHz

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dB) | EIRP (mw) |
|---|---|---|---|
| 7.910 | 6.180 | 1.585 | 9.796 |

802.11g Frequency range 2412MHz~2462MHz

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dB) | EIRP (mw) |
|---|---|---|---|
| 7.04 | 5.06 | 1.585 | 8.02 |

802.11n HT20 Frequency range 2412MHz~2462MHz

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dB) | EIRP (mw) |
|---|---|---|---|
| 5.76 | 3.77 | 1.585 | 5.97 |

802.11n HT40 Frequency range 2422MHz~2452MHz

| Conducted Power (dBm) | Conducted Power (mw) | Max Antenna Gain (dB) | EIRP (mw) |
|---|---|---|---|
| 5.260 | 3.357 | 1.585 | 5.321 |

For the Tune Up information from the applicant, the maximum output power is 9.796mW, 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 9.796mw EIRP
Conclusion: No SAR is required.

Sincerely,

Signature
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