

## **FCC ID : G4O-SX-SP435A**

### **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)

<b>Frequency Range</b>		<b>Center frequency (MHz)</b>	<b>60/f SAR Limitation(mw)</b>
<b>Low Frequency(MHz)</b>	<b>High Frequency(MHz)</b>		
2412	2462	2442	25
2422	2452	2437	25

Maximum measured transmitter power:802.11b

<b>Conducted Power(dBm)</b>	<b>Max Antenna Gain (dBi)</b>	<b>EIRP(mw)</b>
7.825	2.5	10.77

Maximum measured transmitter power:802.11g

<b>Conducted Power(dBm)</b>	<b>Max Antenna Gain (dBi)</b>	<b>EIRP(mw)</b>
8.125	2.5	11.54

Maximum measured transmitter power:802.11n HT20

<b>Conducted Power(dBm)</b>	<b>Max Antenna Gain (dBi)</b>	<b>EIRP(mw)</b>
7.224	2.5	9.38

Maximum measured transmitter power:802.11n HT40

<b>Conducted Power(dBm)</b>	<b>Max Antenna Gain (dBi)</b>	<b>EIRP(mw)</b>
7.965	2.5	11.13

Threshold at which no SAR required is 25 mw.

Maximum Tx power is 11.54mw EIRP.

**Conclusion:**No SAR is required.