

7. RF Exposure Requirements

7.1 Test Equipment

Please refer to Section 10 this report.

7.2 Limit

According to FCC 15.247(e)(i) and FCC 1.1307(b)(1), Systems operating under provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commissions guidelines.

According to KDB 447498(2)(a)(i)

Frequency Range		Maximum measured transmitter power frequency(MHz)	60/f SAR Limitation (mW)
Low Frequency(MHz)	High Frequency(MHz)		
2412	2462	2412	24.88

7.3 Test Result

Product : Tablet PC
Test Item : RF Exposure
Test Voltage : DC 5V
Test Result : **PASS**

Test Mode : IEEE 802.11b/g/n
Temperature : 25 °C
Humidity : 56%RH

RF Exposure Requirements	Compliance with FCC Rules
EIRP=P×G Where: P=Power input to antenna G=Power gain of the antenna relative to an isotropic radiator	Maximum output power at antenna input terminal: -2.31 dBm = 0.59 mW (802.11b/g, 2412MHz) -3.12 dBm = 0.49 mW (Draft n, 2412MHz) Prediction distance: <2.5 cm Antenna gain : 3.0 dBi Limit 60/f is 24.88 mw for 2412MHz 802.11b/g: 1.18 mW Draft n : 0.98 mW The max. output power E.I.R.P < 24.88mW Conclusion: No SAR is required.