

FCC ID : VO8-R9

Bluetooth (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)

Frequency Range		Center frequency (MHz)	60/f SAR Limitation (mw)
Low Frequency (MHz)	High Frequency(MHz)		
2402	2480	2441	24.5

Maximum measured transmitter power:

Conducted Power (mw)	Max Antenna Gain (dBi)	EIRP (mw)
1.08	1.8	1.63
2.05	1.8	3.10
1.12	1.8	1.70

Remark: $EIRP = P * G = 2.05 * 1.51 = 3.10mW$

Threshold at which no SAR required is 25 mw.

Maximum Tx power is 24.5 mw EIRP.

Conclusion: No SAR is required.

SIMULTANEOUS TRANSMISSION EVALUATION

Signature

Ray Zhou

Ray Zhou / Manager Sep.9, 2010