

8. RF Exposure Report

8.1. Limit

According to §15.247(i), 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 levels in excess of the Commission's guidelines. See § 1.1307(b)(1) of this chapter.

According to section 2.5.1 of RSS-102, above 2.2 GHz and up to 3 GHz inclusively, and with output power (i.e. the higher of the conducted or radiated (e.i.r.p.) source-based, time-averaged output power) that is less than or equal to 20 mW for general public use and 100 mW for controlled use, SAR evaluation is not required.

8.2. EUT Specification

Maximum measured transmitter power: Bluetooth V2.1+EDR

Conducted Power (dBm)	Max. Antenna Gain (dBi)	EIRP (mw)	SAR Limitation
1.56	2.0	2.27	10mW

8.3. Test Results

Threshold at which no SAR required

Maximum Tx Output power is 2.27mw EIRP.

Conclusion: No SAR is required.