

RF Exposure Statement

This documents compliance with RF Exposure protection according to Part 1.1307 (b)(1) of the FCC Rules and Regulations.

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline. The device under test is classified as portable.

Device Under Test: Motorola MT2090. 802.11a/b/g WLAN SDIO Radio Module
FCC ID: H9P2192955; IC: 1549D-2192955

Measurement Result

Test Equipment

Asset #	Manufacturer/Model	Description	Cal. Due
00148	W&G, 2244/90.22	PROBE, E-FIELD TYPE-9	11/24/2009

Measurements were made using a W&G RF Probe. The EUT was set to transmit on the channels with the highest conducted power that was measured. The RF probe was moved around the EUT and the highest readings were recorded. If any position was greater than $1\text{mW}/\text{cm}^2$ then the probe-to-antenna distance was increased until the reading was below $1\text{mW}/\text{cm}^2$. This distance was then recorded.

Measured RF Levels

Test Date: July 23, 2009

The maximum peak conducted output power is 11.19 dBm (0.0132 W).

Frequency	Mode	Maximum Level (mW/cm^2)	Distance for $1\text{mW}/\text{cm}^2$ (cm)	Location
5.600GHz	6Mb	0.03	0	Below keypad
5.600GHz	6Mb	0.002	0	Side of keypad
5.260GHz	6Mb	0.0218	0	Below keypad
5.260GHz	6Mb	0.002	0	Side of keypad

The measured energy is less than the General Population Limit and hence Specific Absorption Rate (SAR) measurements are not necessary.