# RF Exposure Statement

This documents compliance with RF Exposure protection according to Part 1.1307 (b)(1) of the FCC Rules and Regulations and RSS102 of the Industry Canada regulations.

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 FCC and IC guidelines..The device under test is classified as portable.

The device under test is classified as portable. The distance from the antenna to the wrist of a user is 6 cm as installed in theMT2090 host.

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 1mW/cm$^2$ then the probe-to-antenna distance was increased until the reading was below 1mW/cm$^2$. This distance was then recorded.

### Measured RF Levels

**Test Date: July 23, 2009**

The maximum conducted output power is 0.0132W.

| Frequency | Mode | Maximum Level (mW/cm$^2$) | Distance for 1mW/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.