



MOTOROLA

**Manual Revision
iM1100 User Guide**

This revision contains changes that have occurred since the printing of your iM1100 User's Guide. This information supersedes the corresponding information in the Safety section of your manual.

THIS RADIO PRODUCT MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless radio product is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted using standard operating positions reviewed by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the radio device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a radio product is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations as required by the FCC for each model. The highest SAR value for this radio product when tested for use during packet data transmission is 0.55 W/kg.

The FCC has granted an Equipment Authorization for this model wireless modem with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model wireless modem is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID AZ489FT5811.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for wireless modems used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Operation

To maintain FCC RF exposure compliance, position the antenna and the radio product at least one inch (2.5 cm) from any part of the body of the user or bystanders when using the supplied antenna. When using any approved accessory antenna, position it at least eight inches (20 cm) from any part of any person.



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