

Technical Bulletin

W E K N O W T H E R O A D TM

X-C 6250 Computer

RF Antenna Placement

FCC regulations require that radio operators comply with the following.

RF Modems

WARNING The Itronix Corporation Model X-C 6250 Ruggedized Wireless Laptop was found to be compliant with FCC RF exposure requirements for the uncontrolled/general population exposure environment with these operating conditions. While the device is operating, its antenna must be at least 5 cm from all persons in order to comply with the FCC RF exposure limit. Operators should ensure that when this device operates, its antenna is at least 5 cm from nearby persons for meeting RF exposure limits.

RF Modems and Vehicle Mounted Antennas

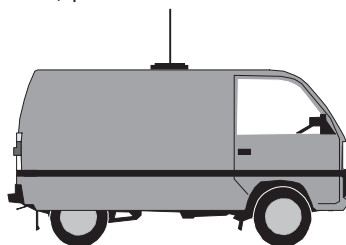
FCC regulations require that users of vehicle-mounted antennas must use only antennas authorized for use with the X-C 6250 computer in order to meet FCC RF exposure limits. Please contact Itronix for a list of approved vehicle-mounted antennas. For mounting installation and/or mounting instructions for these types of antennas, see the instructions that accompany each antenna.

WARNING Improper installation and/or operating configurations of permanent and magnetic vehicle mount antennas may cause FCC RF exposure limits to be exceeded. Vehicle mount antennas must be placed at least 20cm from operators and bystanders.

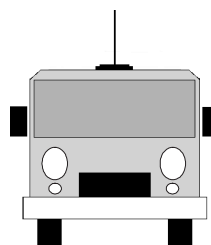
Placement of the vehicle mount antenna

1. Measure and identify an area 20 cm (8 inches) in from the edges of the vehicle roof.
2. Place the vehicle mount antenna within that area.

To maximize RF performance, position the antenna in the center of the vehicle roof.



Side View



Front View