

FCC Requirements for RF Radiation

General

Based on FCC rule 2.1091 and the FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields, OET Bulletin 65 including Supplement C, all mobile transmitting devices to routine environmental evaluation for radio frequency (RF) exposure prior to equipment authorization or use.

For mobile devices that operate at frequencies of 1.5 GHz or below and whose Effective Radiated Power (ERP) is 1.5 watts or more are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use. Although the ERP of the BellSouth ICU is well below 1.5 watts the evaluation for RF exposure was performed to ensure that all safety requirements were met and the BellSouth Fleet Manager system was found to be fully compliant.

The BellSouth Fleet Manager In-vehicle control unit is classified by the FCC as a transmitting mobile device designed to be used such that a separation distance of at least 20 cm (~11 inches) is maintained between the body of the user and the antenna. In as much as our findings have determined that the energy levels are below this mandated threshold it is in the best interest of all parties to stay clear of the transmitting antenna during vehicle operations.