RF Safety Exhibit

Revision: 01 Date: 29 August 2003

Equipment: VCom BTR5857 Transceiver

FCC ID: OPPBTR5857

The maximum safe distance from the antenna at which MPE is met or exceeded is calculated from the equation relating field strength in V/m, transmit power in Watts, transmit antenna gain, and separation distance in meters:

Basis of calculations:

Safe Distance$_{meters}$ for 1mW/cm^2 MPE =

(P_{Watts} x 10^(Antenna Gain$_{dBi}$ /10) x 30)^0.5 / 61.4 V/m

Transceiver Power		**Antenna Type**	**Antenna Gain**	**Safe Distance**
[Watts]	[dBm]		[dBi]	[meters]
0.076	+18.8	Omnidirectional	12	0.098
0.030	+14.8	90 degree sectoral	16	0.098

Installation Requirements:

The BTR5857 is used with a user-supplied antenna. A self-adhesive RF exposure label is supplied with each BTR5857 unit for the user to affix to their antenna. Installation of the BTR5857 and affixing of the RF exposure label to the antenna is described in the user manual, which is supplied with each BTR5857. See section 2.2.2 on page 13 of "INSTALLATION AND OPERATION GUIDE FOR SYSTEM OPERATORS"

The following statement is included in the user manual and on the label to be attached to the antenna:

"CAUTION: To comply with FCC RF exposure requirements in section 1.1307, a minimum separation distance of 1.5 meters is required between this antenna and all persons."