



MOTOROLA

Date: March 21, 2003

Subject: Request for additional information (FCC ID: IHDT56CW1)

Reference:

Application Received:	3/4/2003
Correspondence Reference Number:	230314.IHD
Confirmation Number:	TC3062
Date of Original Email:	03/14/2003

Prepared by:

Steven Hauswirth
Motorola Personal Communications Sector Product Safety Laboratory
Harvard, Illinois

Andrew Bachler, Principal Staff Engineer
Motorola Personal Communications Sector
Libertyville, Illinois

Question:

1) Please supply MPE exhibit/calculation showing compliance at 20 cm. Please calculate for both Cellular and PCS frequency bands.

Response: Please refer to Exhibit 11A (CW-EX11A.pdf).

Question:

2) Please indicate the maximum antenna gain and cable loss that is to be used with this device. Please list all antennas and their gain, if available. Please indicate how this system loss will qualify for categorical exclusion requirements of Section 2.1091.

Response: Since this is an OEM device, specific antenna gain and cable loss is not available to the Motorola. However, the maximum effective antenna gain (combination of antenna gain and cable loss) allowed to qualify for a categorical exclusion, is specified in both exhibits 8 and 11A.

Question:

3) Please revise the antenna installation instruction showing antenna location on the vehicle with the appropriate RF exposure statement or supply MPE calculation for each antenna location, if appropriate.

Response: Specific installation details are not available, since this is an OEM product. Information required to ensure categorical exclusion, is provided in exhibits 8 and 11A.