

MOTOROLA, INC.

July 24, 1998

Mr. Greg Czumak
Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Re: Request for Additional Technical Information, received by E-Mail on July 24, 1998, regarding pending Application for Type Acceptance, FCC ID: IHDT6YH1, [Correspondance ID: 2232].

Dear Mr. Czumak:

In response to item 1 of the referenced request, to "Please submit the SAR report, electronically via the internet.", this has been uploaded as six files with the "Exhibit Type" of "RF Exposure Info." As we have reached agreement with Kwok Chan for past submittals, the files consist of the following: our report, a procedure document, and 4 data set files. The data set files are two for each antenna position (extended and retracted) showing the area and zoom scans for the test channel and ear position for which the highest SAR value was found for that antenna position. The report shows a tabular summary of measured SAR values for all twelve test conditions (low, middle, and high channel; left and right side; extended and retracted antenna position).

In response to item 2 of the above request, to "Please indicate the EIRP of the EUT, based on the measured conducted output power of 1W and the antenna gain.", the 1W conducted output power indicated is during the transmit burst (this technology operates with a 1/8 duty cycle) and the maximum gain in any direction was found to be 4.0 dBi at mid channel with the antenna in the extended position. Therefore, maximum EIRP for this product would be 2.5W.

Also, an error was discovered in the description of the battery system for this product in Exhibit 11. A corrected version of Exhibit 11 has been uploaded.

I trust that this will satisfy the request and allow the Grant to be issued for this equipment.

Please contact me by telephone at (847) 523-7373 or by facsimile at (847) 523-2350 if there are any further questions or additional information needed concerning this filing and/or this reply.

Regards,

John A. Kalenowsky
Patent Engineer/FCC Liaison
Cellular Subscriber Sector

cc: File