



MOTOROLA

Date: February 25, 2008

Subject: Request for additional information regarding FCC ID: IHDP56HR1

Reference:

Correspondence Reference Number: IHD80077
Confirmation Number: 801310077-79
Date of Original Email: February 23, 2008

Prepared by:

Andrew Bachler, Principal Staff Engineer
Motorola Mobile Device Business
Libertyville, Illinois

Questions and responses follow:

1. Please include a letter stating the stage of production for the HAC tests.

Response: Please refer to exhibit 2d.

2. Operational Description and Block Diagram show filters and paths with USA band capabilities disabled. Please clarify.

Response: This product has a US version (850 & 1900 MHz bands) and a separate EU version (900 & 1800 MHz bands). Please refer to the revised Block Diagram and Operational Description which are updated to highlight the US version.

3. Schematics indicate parts inline paths for EU operation. Please clarify.

Response: This product is available in both a US version (850 & 1900 MHz bands) and a separate EU version (900 & 1800 MHz bands). The schematics, exhibit 5, are applicable to both versions.

4. Please provide photographs of the USB data cable used in results from Exhibit 6A-3.

Response: Please refer to the following photo:



5. Users Manual p. 8 , 50, 66 indicate HAC mode in the device. Please clarify if HAC mode was used for HAC tests.

Response: The HAC mode was not used for the M rating rf testing.

6. Please include HAC language requirement in the Users Manual for HAC compatible handsets per 20.19.

Response: The user's manual will include the attached hearing aid compatibility information.

7. In Page 21 Exhibit 6B-1 test setup photographs, there appears to be an external antenna in the photograph on the test table. Please clarify or explain per requirements of C63.19 Sec 4.3.1.

Response: Please ignore the external antenna in the photograph. The antenna is used for validation only, and was not involved during the EUT testing.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has "Rated for Hearing Aids" printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.