MOTOROLA

Date: 28th April 2003.

Authorization & Evaluation Division
Federal Communications Commission Laboratory
7435 Oakland Mills Road
Columbia, MD 21046

Re: Response to PC Test questions on application with FCC ID: AZ492FT5802, correspondence 230410.AZ4, dated 4/25/03.

Gentlemen:

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its' response to correspondence 230410.AZ4, dated 4/25/03**.**

Q1) The FCC ID AZ489FT5802 submitted is not a valid FCC ID. Please confirm if the FCC ID is AZ492FT5802 instead and amend the SAR report accordingly.

R1) The report has been revised to reflect the correct FCC ID. Please see the revised report attached herein as "FCC PCII rpt_HDT515_030424_RevD.doc". The correct identifier is **FCC ID: AZ492FT5802**.

Q2) The power level listed on the Class II SAR report (0.5 W) does not agree with the original power listed on the original grant (0.977 W ERP). The original SAR filing was tested at 0.12 W conducted and the RIM card installed has a max power of 2W conducted. Please confirm the max power level used during the SAR tests and whether it was measured conducted or ERP.

R2) The DUT was assessed at 0.500 watts as reported in section 7.1 of the submitted PCII report dated 4/15/02. The stated max power of the RIM card is 2 watts conducted however, the internal antenna of the device has a gain of -3dB. This corresponds to an ERP of 0.977 watts. The maximum transmission duty cycle of the RIM card is 25% and therefore testing was performed at 0.500 watts in CW. This corresponds to 25% of 2 watts. Please reference CGISS EME response to FCC correspondence 17711 # 5 dated 2/12/01 for the explanation offered to the FCC regarding the lower tested power level used in the original filing.

Q3) Please confirm the second hot spot (by the display) as shown on the SAR plots was investigated.

R3) The second hot spot located by the display exhibited by the device has been assessed to be 2-3 "isolines" below the primary hot spot by examining the coarse scans for each test.

Q4) Please specify the SAR test distance with and without the carrying case. Please provide a drawing, sketch, or

picture for the illustration.

R4) The DUT was assessed with the carry case positioned against the flat phantom. The applicable carry case produces a 4mm separation distance at the belt loop area and a 2mm separation distance else where along the carry case as indicated on page 34 of the submitted PCII report dated 4/15/02. The DUT was tested against the flat phantom, without the carry case, and without any separation distance. Reference figure 1 of the submitted reported dated 4/15/02 for a photo of the test position used without the carry case.

Please contact me at (954) 723-5793 if you require any additional information.

Sincerely,
/s/Mike Ramnath (signed)
FCC Liaison
Email address: mike.ramnath@motorola.com