



Date: August 16, 2001

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

Re: Form 731 Confirmation Number: EA101101 with FCC ID: AZ489FT5807.

Dear Mr. Dayhoff;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response to your 7th August 2001 request for information on FCC ID: AZ489FT5807, EA101101 via correspondence number 20179.

- 1) Additional radiated signal strength measurements were taken near the maximum rated output power level and at various power levels down to that originally used. It was found that, though there was a high degree of ERP linear power scaling accuracy, an antenna factor linearity difference of -0.4 dB was observed between these highest-level and the lowest-level signal strength readings. Consequently, highest-level ERP data requested is provided in attached Exhibit 6.7 (Rev. 2), and it reflects this difference. Since this re-test resulted in a lower maximum ERP, Exhibit 12 (Rev. 2) is attached to re-state the antenna gain factor determined from the highest-level measurements as it is more appropriate.
- 2) The dimensions for the flat phantom are 40.5cm X 23.6cm X 13cm. Bottom thickness of this phantom is 0.2cm. As a clarification, the 2.5cm distance was measured from the microphone to the bottom of the phantom's shell, not the liquid surface.

Regards,

/S/ Mike Ramnath

Mike Ramnath
FCC Liaison
Email: emr003@email.mot.com

Attachments:
Exhibit 6.7 (Rev. 2)
Exhibit 12 (Rev. 2)