



Date: 8th August 2002

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

Re: Form 731 Confirmation Number: EA164782 with FCC ID: AZ489FT3804.

Dear Miss Poole;

Motorola Inc., 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322, herein submits its response to your 6th August 2002 request for information on FCC ID: AZ489FT3804, EA164782 via correspondence number 23587.

Q1). Clarification of test power. Summary table states approximately 6 mw. Device is rated 6.6 W.

R1) The table headings for initial power and end power in section 7.1 of the submitted report were incorrectly labeled with (mW) instead of (W).

Q2) Photographs of the test position used for each body-worn accessory tested.

R2) The requested photos are attached herein as "FCC_23587_response_photos_020808.pdf"

Q3) Recipe for 300 MHz liquids. None could be located.

R3) The recipe at 300MHz is provided below.

HEAD Formulas (% by weight)						
Frequency	Sugar	DGBE	Water	Salt	HEC	Bact.
300	56		37.5	5.4	1	0.1
BODY Formulas (% by weight)						
Frequency	Sugar	DGBE	Water	Salt	HEC	Bact.
300	47.1		49.48	2.32	1	0.1

Q4) Additional descriptive information of the SAR measurement system to meet Supplement C Appendix B part II recommendations. Please includes details of the E-field probe, scan procedures, calculations, Robot and computer.

R4) SPEAG's DASY3™ measurement system with software revision 3.1d was used to assess S.A.R. performance of the HT1250LS radio. The computer system used was a Dell Optiplex GX110 666

megahertz Intel Pentium III computer. The measurement setup and procedures are consistent with the guidelines recommended by SPEAG. CGISS EME Laboratory utilizes Stäubli RX90L robots and ET3DV6 E-Field probes. Please reference the following website URLs for detailed specifications of the robot and the E-Field probe: http://www.speag.com/robot_acc.html, <http://www.speag.com/probes.html>. For additional information on the E-field probe and calculations used to determine the S.A.R. results please refer to the attached IEEE paper entitled "IEEE-DosiProbes.pdf". A description of the scan procedures can be found in section 5.2 of the submitted report.



IEEE-DosiProbes.pdf

Q5) Justification of system validation at 300 MHZ. Initial validation taken on Feb 2002 at 835 MHZ does not appear to be within 10% target window. Please provide full supporting data.

R5) Per FCC Supplement C (Edition 01-01) Appendix D under "System Verification" "(Note: systems maybe verified at 300MHz until standard dipoles at 300MHz are available):" At the time of compliance assessment of this product, standard dipoles below 300MHz were not available. Per Section 8.3.7 of the latest Draft IEEE Std 1528-200X the system validation results is allowed to be within the measurement system uncertainty of the target numerical reference S.A.R. values published. Section 6.0 of the submitted report shows a total measurement system uncertainty of 12.1%.

Q6) SAR scan time for the "normal" SAR measurements for comparison to the 6 minute value reported for the "shorten" scan.

R6) The scan time for the "normal" S.A.R. measurements reported was between 30 to 40 minutes depending on the length of the antenna tested.

Sincerely,
/S/ Mike Ramnath
FCC Liaison
Email: mike.ramnath@motorola.com