

From: Mike Kuo  
Sent: Tuesday, May 20, 2003 9:54 PM  
To: CLIENT ADVOCATES  
Cc: Steve Cheng; Thu Chan  
Subject: LG Electronics USA, FCC ID:BEJRD2130, AN03T2736  
FCC Part 22 portion:  
Question #1: Please provide occupied BW plots.

Reply: attached please find additional BW plots.

Question #2: Please provide modulation limiting with voice modulation.

Reply: Since this device doesn't have test mode to program the EUT to voice only mode, and the fact that voice signal in voice + sat configuration is the same quality with a additional sat signal on, so engineering rationale has been made to use voice + sat to substitute the voice only plot.

Question #3: Please indicate the limits for audio frequency response on page 14 of test report.

Reply : attached please find revised test report.

SAR Portion of Test report :

Question #4: Please justify measurement uncertainty value stated in section 1.3 of test report. Such value does not agree with the information given in section 7 of test report.

Reply: attached please find revised SAR test report

Question #5: What is the liquid depth during the SAR evaluation ?

Reply: 15cm. Report has been modified and included such information.

Question #6: In accordance with Probe calibration file and compare the conversion factor used during the SAR evaluation. Head conversion factor was used for body worn SAR evaluation. Such procedures do not comply with OET 65 Supplement C, Appendix D:" a field probe must be calibrated in tissue media with the target dielectric parameters ..." Please provide probe calibration file with body conversion factor for 835MHz and redo the body worn SAR .

Reply: SAR evaluation for body worn operation with probe calibrated with body conversion factor has been made. Please refer to the revised SAR test report.

Question #7: The SAR test report contains such symbols can not be displayed ( ?? Mark showed ). Please provide SAR test report which can be r

ecognized ( English version ).

Reply: Please refer to revised SAR test report.

Question #8: Page 3 section 1 of SAR test report, the max. RF output power is listed as 0.398W ERP (26dBm/AMPS ) and 0.316W(25dBm/CDMA ). Such information does not match with FCC Part 22 test report. The 26dBm/AMPS and 25dBm/CDMA shall be listed as Max. conducted output power which was measured during SAR and Part 22 tests. The Max. ERP as reported in FCC Part 22 test report is 21.56dBm/AMPS and 20.66dBm/CDMA. Please make necessary correction on the SAR test report.

Reply : Please refer to revised SAR test report.

Administrative issues:

Question #9: The request for confidentiality letter listed the document name can not be associated with file submitted. Please review the files that you submitted and modify the request for confidentiality letter which agree with the file names.

Reply: Please refer to revised request for confidentiality letter.

Question #10: There is no User manual provided. Please provide user manual and make sure the body worn operation is addressed in the user manual. ( The service manual did provided but contains technical information which is normally not available to the end user.)

Reply: attached please find revised user manual with body worn warning statement to address RF exposure compliance.

Best Regards

Mike Kuo