From: Ollie Moyrong ITS/ES-Mpk
Sent: Wednesday, October 24, 2001 7:38 PM
To: Roland Gubisch ITS/ES-Box
Cc: David Chernomordik ITS/ES-Mpk; Danielle Gravelle ITS/ES-Box
Subject: FW: Phonic Ear FCC ID: BRG300T-216
Hi Roland,

Our responses are noted below.

Administrative

1) the confidentiality request refers to "block diagram, schematics...marked as confidential..." However, the schematic is not so marked. Can you provide a specific list of exhibits to be held confidential? Note that the FCC is requiring substantiation for requests to hold internal photos confidential.
<<The customer has revised their letter for confidentiality to specifically list the items they would like to be held confidential. The revised letter is attached.>>

2) the JPEG block diagram file cannot be opened; it is apparently corrupted; please provide a replacement.
<<The block diagram is attached below.>>

3) disclosure statement per 95.1015(a) cannot be found in user manual; please provide an updated manual, or indicate where information is found.
<<The user manual has been updated and the statement can be found on page 18. The revised user manual is attached.>>

4) LPRS label wording per 95.1017(a) cannot be found on label drawing or in manual; please indicate where it is located, or provide.
<<The user manual has been updated and the statement can be found on page 18. The revised user manual is attached.>>

5) DC voltage and current into final RF stage per 2.1033(c)(8) cannot be found; please indicate where it is located, or provide.
<<The test report has been revised to include this information. See page 3. The revised test report is attached. >>

Technical

1) measured ERP is 5.8 mW but Form 731 gives rating of 10 mW; these should agree. I suggest a rating of 6 mW, please comment.
<<The 731 form as well as the test report have been corrected to 6 mW. The revised 731 form and test report are attached.>>

2) Form 731 gives an emission designator of 40K0F3E; 40 kHz is thus the necessary bandwidth. However, the formula 2M+2DK from Part 2.202, with data from the test report, yields a necessary BW of 26 kHz. Did you measure 40 kHz using the 99% function in the spectrum analyzer? If not, please indicate how it was derived.
<<The actual 99% measured power bandwidth is 26.8 kHz. The 731 form and test report has been updated. See pages 13 and 21 of the test report for details.>>

3) reported frequency stability measurements extend from +50C down to -20C; according to 2.1055(a)(1), the lower limit should be -30C. The transmitter is

permitted to discontinue operation before reaching the extreme temperature endpoints, but that must be noted. Please comment.
<<The EUT was tested down to -30 C and the EUT discontinued operation. The Test report has been corrected. See page 32 of the test report for details.>>

Thanks,

Ollie