

American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

July 19, 2001

RE: Sure Incorporated UT2D
FCC ID: DD4UT2D

I should have saved myself sometime and looked at both DD4UT1D and DD4UT1D reports together. Essentially my same questions apply from one to the other.

- 1.) Please confirm if the power output specified in Section 6.0 is Conducted or ERP. If ERP the substitution method generally described in TIA/EIA 603 should be used as opposed to a field strength measurement that is then converted to radiated power.
- 2.) No graphs were presented of RF Power Output – only a blank page exists on pp. 9. Is this what you intended?
- 3.) Section 7.0 – FYI: it would be helpful if a deviation value was given at 5000 Hz from an acoustic field of 120dB SPL to show compliance with the Part 74 and 90 limits.
- 4.) Section 8.0 Occupied Bandwidth – no plots were presented, only blank pages pp. 14 to 23. Even if no direct connection can be made, loose coupling plots to a spectrum analyzer are desirable. Be sure to show unmodulated, 2500 Hz, and 15 KHz cases. Please specify the audio input level used.
- 5.) Field strength of Spurious Emissions must only be shown using the substitution method of TIA/EIA 603. The Commission has decided that for licensed services, conversion of field strength to ERP is not acceptable. Values more than 20dB below the limit can be ignored. For any further questions on this subject I direct you to Frank Coperich of the Office of Engineering and Technology.
- 6.) FYI: It is not necessary to present multiple spectrum plots of Frequency vs. Temperature and frequency vs. Voltage – a short data sheet would be very satisfactory.

Any questions please don't hesitate to call or email me direct.

Bill



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President and Director of Engineering
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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.