

American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

September 17, 2001

RE: UTStarcomm
FCC ID: O6YUTS-800FSU

Please supply the following information on this Application.

- 1.) This equipment uses a standard RF connector. Please provide conducted RF Pout measurement including procedure. Please include timing information on the TDMA pulse. Please be sure the maximum transmit cycle is used.
- 2.) Your RF Radiated Pout does not make sense. Assuming 17mW peak delivered to antenna with a +10dBi gain antenna the EIRP should be around 173mW [+22.4 dBm]. Explain.
- 3.) Please confirm rated frequency tolerance. Measured values are below ~1.5ppm, but the request is for 5ppm.
- 4.) Please provide justification for requested emission designator and not just necessary bandwidth.
- 5.) FYI: All direct connections to a Spectrum Analyzer for Occupied Bandwidth need to use dBm and not dBuV at standard units. Spectrum Analyzer reference level must equal power output.
- 6.) FYI: Band Edge measurements and radiated emissions may not comply with the procedures set out in 24.238 and Part 2 once Pout is remeasured.
- 7.) For each channel listed in Section 8 please provide Pout measured for Channels 1, 25, and 50. This should be listed on Table 8-1, 8-2, and 8-3 respectively.



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Examining Engineer
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.