



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

March 18, 2004

RE: UTStarcom, Inc.

FCC ID: O6YUTS-FSU811

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Please provide a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.
- 2) The users manual does not appear to contain the information necessary as given in the RF exposure exhibit. However the manual exhibit appear to possibly be incomplete. Please correct as necessary.
- 3) This device should likely be tested in standby mode to Part 15 Class A/B Verification requirements as necessary. However information regarding this does not appear to be in the manual. Please explain/correct as necessary.
- 4) Previous applications typically showed a frequency range of 1893.65 - 1909.85 for this applicant, while the web site for UTStarcom appears to state 1895 to 1918.1 MHz (see <http://www.utstar.com/Solutions/Wireless/PAS>). The 731 form and parts of this application state 1880.15 - 1909.85 MHz. Note that UTStarcom does not appear to show any previous approvals below 1890 MHz. Please confirm and justify the lowest and highest channels used by this device for purposes of FCC Certification.
- 5) Test data shown in 8.2 only appears to go down to 1890 MHz, while other parts of the test report (see item 4 above) appear to go down to 1880.15. Please explain.
- 6) The data shown in plot 8-3, 8-9, and 8-15, appear close to 1893.95 MHz, near the upper portion of this band. Is this the lowest channel for operation in 1890 -1895 MHz Block F?
- 7) Are the channels shown in plots 8-1, 8-7, and 8-13 the lowest channels in block B.
- 8) It may be helpful for items 4-6 above to provide an actual list of operational frequencies, intended for operation in the U.S.
- 9) The results on page 13 do not agree with the results given in the plot, cover page, and 731 form.
- 10) The users manual mentions 10 mW TX power, while the test report appears to show 60 mW conducted power, and higher EIRP. Additionally, it appears that information on this system from UTStarcom's web site states that radios for this system can come in 10 mW, 200 mW, and 500 mW average powers. Please confirm that this device was tested at its maximum setting. Please explain and/or correct the necessary exhibits.

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Examining Engineer

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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.