



Murandi
Communications Ltd.
Innovative Radio Frequency Solutions

February 25, 2003

Curtis-Straus LLC
527 Great Road
Littleton, MA, USA
01460
Attention: Barry Quinlan

Reference: Class II Permissive changes for EUM3003

Mr. Quinlan,

This is a request for Curtis Straus to review the attached documentation for a Class II Permissive Change for the EUM3003 WaveRider radio (FCC: OOX-EUM3003).

The following changes have been made to the board:

1. 25MHz crystal moved from bottom to top of board (to avoid mechanical interference with enclosure)
2. Two power ferrites moved from bottom to top of board (to avoid mechanical interference with enclosure)
3. Addition of pads to accommodate the possibility of populating the 44MHz circuit on the RF side instead of the digital side of the board. The 44MHz circuitry is populated on the digital side of the board and the pads on the RF side remain unpopulated. The level of the 44MHz signal was also decreased slightly.
4. Modification to the biasing circuitry on Q4004 that controls the turn on time of the digital potentiometers used to set the power level (there has been no change in output power level).

These changes have resulted in some of the radiated emission levels increasing above the levels reported in the original submission for the OOX-EUM3003, therefore requiring a class II permissive report.

The specific services we are requesting are:

1. Modification filing (\$795)
2. Request for confidentiality (\$135)

Please find attached the test report for the conducted and radiated emissions. All radiated tests were only performed using the diversity antenna. The remaining antennas are expected to behave similarly.

Please do not hesitate to contact me should you have any questions or require further documentation.

Regards,

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