

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

April 27, 2001

RE: Plessy Microwave  
FCC ID: ONJMDR5800

Please address the following comments:

- 1.) My calculations for RF exposure do not match yours. Please review the calculated MPE radius. My results came in at approximately 34 cm for the dish antenna fed with 240mW. If I am in error, let me know. I used equation (4) on pp. 19 of OET Bulletin 65.
- 2.) Using the definitions for Category V (a) equipment in the Nov 15. 2000 TCB RF Exposure Procedures, only equipment fixed mounted on outdoor permanent structures, or equipment with radiated and conducted power below 75 mW can be approved by a TCB. The manual indicates this can be used in both outdoor and indoor configurations. Indoor configurations at this power level are currently excluded from TCB scope. Again, if I have misinterpreted, please let me know.
- 3.) There is much in the user manual which addresses setup and software configuration, but very little to facilitate physical installation from an RF safety perspective. Please address with your client.
- 4.) Block diagram is missing.
- 5.) Section 10: Radiated spurious emissions – specifically harmonics - are missing for all antennas. No emission readings appear above 35 MHz. Please resolve.



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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.