

American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

October 19, 2001

RE: Adtran
FCC ID: HDCTRC4103

Please resolve the following deficiencies with this Application:

- 1.) Please provide processing gain for this DSS device.
- 2.) Occupied Bandwidth – Video BW is set less than Resolution BW. This is not allowed. Ideally, RBW should approximate 1% of the 20 dB BW with SA Reference Level equaling the Pout of the device.
- 3.) RF Exposure Information should ideally show the antennas and their gain, part or model numbers if from third party vendors, and calculations for each. Confirm no other antennas will be authorized with this filing.
- 4.) I am unable to determine compliance with the Radiated Restricted Band provisions for this device across each antenna. Please show how each antenna complies with the band limits below 2390 and above 2483.5 MHz.
- 5.) Please provide internal views of the PA module.
- 6.) Manual indicates the Tracer is available in a 1 Watt version in addition to the 100 mW listed in this Application. Please explain.



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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.