



# Washington Laboratories, Ltd.

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March 30, 2005

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

RE: Comments of March 29, 2005  
APPLICATION: Adtran, Inc. HDCTRC6420

Dear Mr. Johnson:

Below are the comments that you have provided regarding the application for certification referenced above. Our responses to those comments are in ***bold italic***. Many responses refer you to additional exhibit(s) which has been uploaded to the application folder at the ATCB website.

Thank you for your attention. Please feel free to contact us for any additional information that you may require.

Regards,

*Gregory M. Snyder*  
Chief EMC Engineer, Wireless/Telco Services Manager

*Brian J. Dettling*  
Documentation Specialist

WLL Project: 8590-1

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1) While there is some logic to the  $5 * 100 \text{ sec} = 500$  second sweep for power spectral density, the FCC desires the full 3 kHz wide bandwidth bin to charge up fully before moving onto the next bin. A very short transient can be missed using a sweeping of 5 times with 100 seconds. Please correct or provide information from the FCC which shows acceptability of this procedure.

***R. My first explanation was not clear. The power spectral density plot was obtained in 5 segments. The first 100sec sweep covered the first 1/5 of the span therefore the entire span took 500sec.***

2) FYI.....Regarding the Professional Installation justification, based upon the size of the Antennas/system and design, we understand the need for professional installation. However, please note that the FCC asks that all 3 points be addressed and justified in the application in addition to the fact the manual should appropriately address any necessary items for the particular

system. While we will currently accept your explanation, but please be aware that the FCC may ask for such an explanation upon audit of the application.

***R. Noted.***