



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

October 9, 2006

RE: Chaney Instrument Company

FCC ID: RNE00594WA4 and RNE00594RA4

I have a few comments on this Application. Depending on your responses, kindly understand there may be additional comments.

- 1.) The transmitter timing plots on pages 21 and 22 of the Test Reports are not identified. Please correct. Additional plots for different timing intervals [see Operational Description] are requested if different.
- 2.) Please review section 2.1(f) of the Operational Description. How is this device set to different transmission intervals? Your plot on page 22 of the Test Report appears to correctly identify the 43 and 39 second transmission interval. But what about the others? Will changes to the transmission interval affect the radiated and spurious emissions? Kindly provide objective evidence that no changes to radiated data will occur.
- 3.) Please refer to your data sheets for spurious emissions above 1GHz. You should be specifying a limit of 52.87dBuV for average emissions. Please review.
- 4.) In addition, you are not properly applying the duty cycle correction factor. Please see your Remarks section 5 on pages 19 and 20 of the Test Report – all duty cycle corrections must be made relative to 100msec. See 15.35(c).

William H. Graff
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.