



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

April 10, 2008

RE: ATCB006135 – Original Equipment

FCC ID: V4X-SMKX01 for Sequel Technology, LLC

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

1. Section 7.1 of the test report states a Quasi-peak detector was used for making radiated emission measurements but Tables 7.1, 7.2 and 7.3 use duty cycle correction factors and state peak detector measurements were made. Please address this discrepancy in the test report.

Response: *A peak detector was used for the measurements. Please see the revised report uploaded with this response.*

2. Please provide the resolution bandwidth of the measuring instrument during radiated emissions testing both below and above 1000 MHz.

Response: *100 kHz < 1000 MHz, 1MHz >= 1000 MHz*

3. Please identify the FCC accepted test procedure followed in the testing of this transmitter.

Response: *ANSI C63.4-2003 Standard for Methods of Measurement of Radio-Noise Emissions*

4. Please describe how emissions from this transmitter were maximized. Was the transmitter rotated on a turntable to maximize emissions? Was the measurement antenna raised and lowered on a mast?

Response: *The emissions were maximized per ANSI C63.4:2003 8.3.1.2; that is, the measurement antenna height was varied between 1 and 4 m, and the EUT was rotated through 360° on a rotating turntable until the maximum emissions were found. Both horizontal and vertical measurement antenna polarizations were used.*

5. The user manual mentions a supervision interval of 60 minutes but the operational description doesn't describe it. Please provide information on the length and period of the supervision transmission to show it meets the requirements in Section 15.231(a)(3) of the FCC Rules.

Response: *Please refer to the revised operational description uploaded with this response.*

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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.