Washington Laboratories, Ltd.

7560 LINDBERGH DRIVE
GAITHERSBURG, MD 20879
(301) 417 – 0220 FAX # (301) 417 - 9069

August 9, 2005

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

RE: Comments of August 5, 2005
APPLICATION: RWQ-325H4 ZCOMAX Technologies

Dear Mr. Graff:

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: 8165

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1) Kindly refer to Rule 15.203. The filing you present contains very little antenna information. There are no photographs of the intended antenna(s), and there are scant few antenna technical specifications. The RF Exposure report indicates the antenna gain associated with this device is 2.2dBd (0dBi). The math is incorrect. A dipole antenna has a gain above isotropic of 2.2dB. This would mean a 2.2dBd antenna would have a gain of 4.4dBi. This affects your both your RF Exposure exhibit (pp.1, 3), and your Test Report (pp.2). Please review. In addition, it may be desirable to provide either a photograph or manufacturers specification sheet of proposed antennas used with this device.

R. The antenna is a monopole antenna with a gain of 2.2dBi gain. The test report was incorrect and has been amended to show the correct gain. Please see exhibit "325H4 Test Report Revised 8.09.05.pdf". Additionally, the RF Exposure report has been revised with calculations based on a 2.2dBi antenna gain. Please see exhibit "325H4 RF Exposure Info Revised 8.09.05.pdf". The antenna associated with the device is shown in the test set-up photograph exhibit, however, an additional photograph of the antenna has been provided; please see exhibit "325H4 Antenna.pdf".