



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

November 22, 2006

RE: ZTE Corporation

FCC ID: Q87-ZXMBW-RA25

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

#### Test Report

- 1.) Please review the Effective Radiated Power test on page 9. You have two limits shown – 500W and 2000W. Which is correct?
- 2.) The effective radiated power test is confused with conducted power. Conducted power should be done on three channels – low, medium and high. Radiated power should be done on a test range using the substitution method described in TIA/EIA 603. Please be aware that radiated power tests where a simple field strength reading from a spectrum analyzer is converted to radiated power readings is not suitable. Be sure to show your work and calculations in your Test Report.
- 3.) What is the purpose of the plot on Page 19? What are you trying to illustrate?
- 4.) With the radiated spurious emissions, only the substitution method is allowed for Licensed devices. Your radiated emissions test is not suitable. Your test equipment list includes only one antenna and no signal generators or amplifiers. How is it possible to do substitution without two antennas, and two cables, and a signal source?
- 5.) Who is Donald Duck and why is he doing a fast method of compliance testing?
- 6.) Your spurious emissions at antenna terminals plots on page 22 indicate an uncalibrated setting was chosen. This is never appropriate for FCC compliance work. Please review and correct.
- 7.) Your frequency stability references to Part 22 are not appropriate. See 27.54. Prove that for all instances of expected environmental conditions this broadband device will stay within the permitted band. Also, in the opinion of this Reviewer, 20 minutes is far too short a time to allow for device stabilization. No less than 2 hours for this base station in a power off state is necessary for this device.

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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](http://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.