

answer: 07U11543 TCB question: Sierra Wireless Inc., FCC ID: N7NMC8785, Assessment NO.: AN08T7520,

Notice#1

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 **Claire Hoque** to Timothy, Tim, Timothy, Thu, Chi

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Hi Tim,

Pls see answer below.
Thanks,

Claire

-----Original Message-----

From: Timothy M. Dwyer
Sent: Thursday, January 24, 2008 7:54 PM
To: Thu Chan; Claire Hoque
Cc: Timothy M. Dwyer
Subject: Sierra Wireless Inc., FCC ID: N7NMC8785, Assessment NO.:
AN08T7520, Notice#1

Hello Thu, Claire,

The review of this application is complete. Please reply to the following items.

Q1 : Frequency, power and emission information was not entered in the FCC application. Please confirm that the information for this application is identical to information supplied for the related IC application AN08I2299. Please also provide the frequency tolerance in PPM to be listed on the grant for Part 22 and 24. Reviewers are not allowed to make changes to the application information without authorization of the applicant or agent. I have tentatively entered information in the application form pending your confirmation.

<answer>yes, power data is same as IC portion, thanks for your help.

Q2: Please confirm that ANSI/TIA/EIA-603-B-2002 test methods were used for measurements reported in the Sierra Wireless test report. The test report does not specify the test methods used.

<answer from client>

We have never been requested for such a confirmation, not even for the applications submitted directly to the FCC.

We understand that FCC lists ANSI/TIA/EIA-603-B-2002 as one of the measurement techniques under Licensed Devices. However FCC states that it is a non-exclusive list of measurement techniques that may be used when testing equipment to determine its compliance with FCC rules. This list is provided as a reference tool to aid interested parties in locating measurement techniques. Any party making measurements to show compliance with the FCC rules should select the appropriate measurement methods as required and specified in the particular part of the FCC rules. We confirm the measurements reported in the Sierra Wireless test report were performed per the test methods in FCC Part 2, 22 and 24.

It is also our understanding that FCC only requires test labs to use the substitution method for the radiated spurious emission measurement as specified in ANSI/TIA/EIA-603-B-2002 (now superseded by TIA-603-C-2004) . There's no requirement to use ANSI/TIA/EIA-603-B-2002 for other measurements such as occupied bandwidth, frequency stability, etc. In fact this standard only applies to radio equipment used in the Private (Dispatch) Land Mobile Services that employ FM or PM modulation, for transmission of voice or data using analog or digital techniques, with a frequency of 1 GHz or less.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. 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 e-mail address listed below the name of the sender.

Best regards,

Tim Dwyer
Technical Reviewer