

Mike Kuo

From: Danielle Zhan
Sent: Monday, June 06, 2005 6:46 PM
To: Mike Kuo
Cc: Michael Heckrotte; Barbara Judge; Thu Chan
Subject: RE: Sierra Wireless Inc., FCC ID: N7N-MC5720, Assessment NO.: AN05T4773, Notice#1, urgent!!

Attachments: External Photos.pdf; Internal Photos.pdf; Setup Photos.pdf; 05U3389-1_FCC 22 & 24 _Revised 060305_avg=25dBm.pdf; MC5720 Modular Approval Letter.pdf

Hi Mike,

Please find answers to your questions contained below in blue.

Since client needs the TCB/IC grants urgently, your further review at your earliest convenience would be greatly appreciated.

Danielle

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

From: Mike Kuo
Sent: Tuesday, May 17, 2005 3:41 PM
To: Thu Chan; Danielle Zhan
Cc: Michael Heckrotte; Barbara Judge
Subject: FW: Sierra Wireless Inc., FCC ID: N7N-MC5720, Assessment NO.: AN05T4773, Notice#1

Best Regards

Mike Kuo
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<http://www.ccsemc.com>

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

From: Compliance Certification Services [mailto:MKuo@ccsemc.com]
Sent: Tuesday, May 17, 2005 4:35 PM
To: Mike Kuo
Subject: Sierra Wireless Inc., FCC ID: N7N-MC5720, Assessment NO.: AN05T4773, Notice#1

Question #1: Please retake internal and external photos. The submitted photos are not clear enough to see all the components.

[Danielle] New photos taken as attached. Also saved under the TCB and IC Submission drives.



External Photos.pdf
(305 KB)



Internal Photos.pdf
(454 KB)

Question #2: Due to the request for short term confidentiality on the test setup photos, please remove the test setup photos from the Part 22/24 test report.

[Danielle] Setup Photos as attached have been removed from the revised test report. Also saved under TCB and IC Submission drives.



Setup Photos.pdf
(478 KB)

Question #3: Based upon the technical specification, the max. antenna gain that can be used with this module are : 5 dBi / Cellular Band, 4.1 dBi / PCS band. Please base upon the antenna gain information and submit MPE estimate in a separate file. In addition, please based upon the measured output power to valid the max. allowed antenna gain Vs the output power limits.

[Danielle] The antenna gain has been revised in the report to be 4.65 dBi for the Cellular band and 3.35 dBi for the PCS band. MPE has been re-calculated too. Please see revised report as attached below.



05U3389-1_FCC 22
& 24_Revised ...

Question #4: The max. measured RF conducted output power for Cellular band is 29.84dBm and 29.65 dBm for PCS band. These two measured output power do not agree the rated output power in page 11 of hardware integration guide. Please explain the differences.

[Danielle] The output power 24 dBm listed on page 11 of hardware integration guide is average power. New test results on the average power are 25.58 dBm for the Cellular band and 25.72 dBm for the PCS band. Are these new data acceptable? Please see revised report as attached.

Question #5: Please submit a request for modular approval letter.

[Danielle] Provided as attached. Also saved under the TCB and IC Submission drives.



MC5720 Modular
Approval Letter...

Best Regards

Mike Kuo

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.