

Mike Kuo

From: Claire Hoque
Sent: Monday, February 28, 2005 5:03 PM
To: Mike Kuo
Cc: Thu Chan; Christine Vu; Jack He
Subject: answer: Sierra Wireless Inc., FCC ID: N7N-EM5625, Assessment NO.: AN05T4577, Notice# 1

Importance: High

Attachments: 05U3228-1_FCC 22 & 24 REPORT_NON DIVERSITYI_Revised(no Setup Photos).pdf; 2130529_EM5625_Reference_Guide_r2.0(revised).pdf; Request for confidentiality letter(including short term) revised.pdf



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Hi Mike,

Here are the answers. Client would like to get grant by 3/1.

Question #1: Based upon the user manual description, this device is intended to be used as mobile device per section 2.1091 of FCC rules. The max. antenna gain allows is 6dBi . Please update the MPE estimate based upon 6 dBi antenna gain for PCS and Cellular operation. Also, please update section 5.3 of test report.
<answer>both user's manual and test report are revised.

Question #2: This device has two antenna connectors. Please describe the function of each antenna connector and indicate in the test report which antenna connector was connected during final tests.
<answer>The EM5625 is an EV-DO non-diversity module. The daughter card the module was tested on is a universal daughter card for both diversity and non-diversity modules. During the non-diversity testing the second antenna port normally used for the diversity path was not connected to the non-diversity module.

Test report is revised.

Question #3: In the section 7.5 of test report, the antenna gain in dBi is listed as 2.15@ 800MHz and 0 @1900MHz. Please provide justification on the antenna gain used. In addition, ERP and EIRP output power was used in MPE estimate.
<answer>Test report is revised.

Question #4: This device is capable of operating IMT 2000 in 1920 -1980MHz, please explain how this band will be applicable to FCC requirement.
<answer>The EM5625 does not support IMT 2000.

Question #5: One of document is titled " 2130367 EM Hardware Integration guide " contains technical information which are only applicable to System integrator and should be considered as confidential document. Please modify the request letter.
<answer>pls see revised confidentiality letter.

Thanks,

Claire