

## Mike Kuo

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**From:** Claire Hoque  
**Sent:** Monday, February 28, 2005 4:53 PM  
**To:** Mike Kuo  
**Cc:** Thu Chan; Christine Vu; Jack He  
**Subject:** answer: Sierra Wireless Inc., FCC ID: N7N-EM5625D, Assessment NO.: AN05T4576, Notice#1

**Importance:** High

**Attachments:** 2130529\_EM5625\_Reference\_Guide\_r2.0(revised).pdf; 04U3076-1\_FCC 22 & 24\_DIVERSITY\_Revised(no setup photos).pdf; Request for confidentiality letter(including short term)revised.pdf



2130529\_EM5625\_04U3076-1\_FCC 22 Request for  
Reference\_Guide... & 24\_DIVERSIT... confidentiality le...

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>For the EM5625D both the main and diversity paths were connected to the SMA connectors on the daughter card via UFL inter-connect coax cables. Only one SMA connector had an antenna connected because the device only has one transmitter and only one transmit antenna connection point. The other SMA connector is for the secondary receive only path. The FCC does not require testing on ancillary receiver paths so the second SMA was left open.

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 EM5625D does not support IMT 2000.

Question #5: In the request for confidentiality letter, it listed product specification as long term confidential document. However, in the submitted attachments, there is no such file named as product description. One of document is titled " 2130367 EM Hardware Integration guile " 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

