

## Chris Harvey

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**From:** Chi Tsou [chi.tsou@ccsemc.com]  
**Sent:** Thursday, December 30, 2010 6:56 PM  
**To:** Chris Harvey; Thu Chan; Neena Jain  
**Cc:** Chris Harvey -TCB; Claire Hoque  
**Subject:** RE: Sierra Wireless Inc., FCC ID: N7NMC8801, Assessment NO.: AN10T1288, Notice#1

Hi Chris,

Here are the client's answers:

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1. HSPA+ Release 8 is only associated with the receiver portion of the device, which is not subject to Part 22/24.
2. The MPR values for subtests 1-5 have a range from zero to a max value as follows per 3GPP specs:

Subtest-1: MPR=0dB allows for 18.8dBm<TX power<25.7dBm  
Subtest-2: MPR=2dB allows for 16.8dBm<TX power<25.7dBm  
Subtest-3: MPR=1dB allows for 17.8dBm<TX power<25.7dBm  
Subtest-4: MPR=2dB allows for 16.8dBm<TX power<25.7dBm  
Subtest-5: MPR=0dB allows for 18.8dBm<TX power<25.7dBm

Hence, the reported TX power levels in the test report are within the ranges given in the above subtests. This is how the device works and it complies with the 3GPP specs.

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Please advise if any further questions. Otherwise please do issue the TCB grant tomorrow.

Thanks and warm regards,  
Chi

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

From: Chris Harvey  
Sent: Thursday, December 23, 2010 1:15 PM  
To: Thu Chan  
Cc: Chris Harvey -TCB; Chi Tsou  
Subject: Sierra Wireless Inc., FCC ID: N7NMC8801, Assessment NO.: AN10T1288, Notice#1

Dear Thu and Chi,

You are listed as the Technical Contact for the above referenced TCB application. The following items need to be resolved before the review can be continued:

1. This device is described as HSPA+ Release 8, but the Operational Description does not provide any details of this capability, such as modulations used. The RF Test report exhibit documents HSDPA Release 5 and HSUPA Release 6, but no other HSPA capabilities. Please confirm the capabilities of this device, update the Operational Description and RF Test Report exhibits accordingly.
2. The RF Power measurements in the HSPA Release 6 Subtests 1-5 do not seem to match the expected MPR pattern of 0,2,1,2,0 dB. Please explain

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the deviation from the expected MPR values.

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. Revised documentation should not be emailed, but instead should be submitted through "Add Attachment" function at the UL-CCS website. Please have your Assessment Number and FCC ID/IC Certification number handy. You may use the following link: <https://cert.cseinc.com/filing/>

Best regards,

Chris Harvey  
Charvey-tcb@ccseinc.com

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Version: 10.0.1191 / Virus Database: 1435/3348 - Release Date: 12/30/10