

ATT00199

On Oct 9, 2006, at 8:47 PM, Thomas Cokenias wrote:

>
> On Sep 29, 2006, at 8:09 AM, <charvey-tcb@ccsemc.com> <charvey-
> tcb@ccsemc.com> wrote:
>
>> Tom, I have reviewed the above referenced TCB application and find
>> that the following items need to be addressed before the review
>> can be continued.
>>
>> 1. Please provide a Label Location exhibit.
ANS1 Label Location photo is attached
>>
>> 2. Also, the Label has an FCC Pt. 15 compliance statement, where
>> the manual does not contain any FCC Pt. 15 Class A information.
>> Please correct this discrepancy.
ANS2 The revised manual now references Part 15 as well as EN301 489
>>
>> 3. The test setup exhibit submitted seems to have a conducted test
>> setup photo of a different unit on page 2. Please update the test
>> setup photo exhibit to include the radiated test photo from the
>> test report.
ANS3 Corrected test set-up photo is attached
>>
>> 4. The Antenna exhibit is for a 14dBi antenna part number AN1350.
>> The specifications indicate that the 14dBi is the minimum gain
>> (14dBi (min)). Page 4 of this document seems to indicate that this
>> antenna has a maximum gain of 15.86dBi. The test report indicates
>> that an Mti model AL-344035/M 14.5dBi gain antenna will be used.
>> Please clarify what antenna(s) will be used with this device.
>> Please verify the peak (max) gain of this antenna and update all
>> exhibits that contain this incorrect information (report, MPE,
>> etc.). Additionally, please ensure that all testing incorporating
>> the antenna has been performed using the correct antenna(s).
ANS5 For the 2.3 GHz band, Alvarion is declaring AN1350 gain as 14
dBi, the 15.86 dBi gain is for the 2.5 GHz band and is not achieved
at 2.3 GHz. The user manual is used for both 2.3 GHz and 2.5 GHz
radios.
>>
>> 5. The Letter of Authorization is dated 9/11/2005, which is over 1
>> year old. FCC Policy is that letters must be current within 1
>> year. Please obtain a more recent Letter of Authorization.
ANS5 A copy of the updated letter is attached.
>>
>> 6. Please provide a tune-up procedure exhibit.
ANS6 The tune-up procedure is attached
>>
>> 7. FCC 2.1055(b) requires the Frequency Stability to be measured
>> at intervals not more than 10 degrees. The measurements in the
>> test report are only provided for the temperature extremes of -30
>> to +50 degrees C. Please provide the additional compliance data
>> required by FCC 2.1055.
ANS7 Revised frequency stability data is attached
>>
>> 8. The RF exposure MPE exhibit indicates a 20cm minimum RF safe
>> distance using the 14dBi antenna. This RF Exposure guidance is
>> not contained in the BST System Manual provided. Please update
>> the manual to contain the appropriate antenna installation and use
>> guidance for RF exposure compliance. Since this is a
>> professionally installed fixed mounted (outdoor) device the grant
>> can be conditioned to allow the RF Exposure to be addressed at the
>> time of licensing, which takes the place of the RF Exposure

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>> details in the manual.

ANS8 RF exposure information is in the revised user manual

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>> 9. The FCC requires measurements of 'licensed' devices to be made
>> in accordance with EIA/TIA-603, which includes measurements of
>> Radiated Emissions to be performed using the substitution method.
>> Please document compliance with the EIA/TIA-603 measurement
>> procedure.

ANS9 Attached is a letter from the test lab confirming they follow
substitution method for radiated emissions

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>> 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,

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>> Chris Harvey

>> charvey-tcb@ccsemc.com

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