

*American TCB*  
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McLean, VA. 22101

April 14, 2010

IC CERTIFICATION #s: 1000M-622ANHU, 1000M-622ANH  
FCC IDs: PD9622ANHU, PD9622ANH

To whom it may concern:

The enclosed documents constitute a formal submittal and application for a Class II Permissive change / Reassessment for a U-NII/DTS wireless LAN module pursuant to the following rules:

Subpart E of Part 15 of FCC Rules (CFR 47), UNII Devices  
Subpart C of Part 15 of FCC Rules (CFR 47), 15.247  
RSS-210, Issue 7, June 2007, "Low-power Licence-exempt Radiocommunication  
Devices (All Frequency Bands): Category I Equipment"

The module was approved under three separate rule parts for the FCC – DTS (2.4GHz and 5.7GHz bands), NII (5250-5250, 5250-5350 and 5470-5725 MHz bands) and JBP (PC peripheral) and against RSS 210 for Industry Canada. The proposed changes are circuit board changes to remove components from the digital device circuitry. No rf circuitry was modified. Schematics showing the location and component designator information have been provided.

Testing was performed to determine if the proposed changes were to be considered Class I or Class II changes for all equipment classes (NII, DTS and JBP). The spurious emissions results for the NII and DTS categories at the edges of the allocated bands had less margin than those originally reported, therefore the changes qualified as Class II Permissive changes. The radiated emissions for the digital device did not change and, therefore, the changes are considered Class I changes for the JBP filing (requiring no formal submittal/application for that category).

As this is a request for a Permissive Change / Reassessment the only documents being uploaded are the application forms, test report, rf exposure calculation and antenna information (submitted as part of the operational description). All other documents originally uploaded remain unchanged. American TCB handled the original Industry Canada assessment and should have all the relevant documents on file covering operation in the other bands. Please advise if any of the previous documentation is required to allow you to complete this re-assessment.

Please also note that the frequency ranges and output power ratings detailed in the application forms for both FCC and Industry Canada match the values detailed in the original grants and certificates.

Although the MPE calculation remains unchanged (the highest antenna gain in all bands is one of the original antennas) the calculation and RSS-102 form have been uploaded to explain that this is the case.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,



Mark Briggs  
Staff Engineer

MB/dmg