



Class II Permissive Change Certification Application - Additional Information

June 4, 2003

American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

RE : Class II Permissive Change Certification Application
FCC Tx ID : AB6NT800SFRM

Dear Sir/Madam

This letter is to respond the additional information that requested by ATCB. The answers to your concerns are listed below:

Concern# 1) Please provide a separate exhibit containing the test configuration photographs from the Radiated testing (pages 24, 25, and 34).

Response: As suggested, the radiated emission setup pictures were included in the updated "Exhibit 7 - test setup photos.pdf" document and the document has been submitted to the ATCB web site under "Additional Information".

Concern# 2) The maximum power given in the test summary 42.21 dBm (16.6 W) is greater than +/-0.5 dB from that listed on the original grant (19.45 W/42.9 dBm and 20.9 W/43.2 dBm). Note that the FCC has instructed TCB's that permissive change applications are to be within +/-0.5 dB. The results also appear low since the maximum measured is less than the average power stated.

Response: All units came out from the factory were calibrated to 42.9 dB +/-0.5 dB across the whole frequency band. The output power of the unit under test was at the low side of the rate maximum transmit power. The measurement uncertainty between the calibration equipment in the factory and the power meter used for the measurement could add on uncertainty as well. The difference between the rated maximum output power and the measured maximum output power was slightly over +/-0.5 dB; however, it seems to be reasonably within range due to calibration uncertainty in the factory and measurement uncertainty during testing.

Concern# 3) Sections 4.2.4/4.3.4 mentions measurements with 1, 2, and 3 carriers. However, this is only a single carrier system. Please explain.

The test report submitted was based on a previous multi-carrier test report template. The 2 and 3 carriers references have been removed. The updated test report "Exhibit 2A - Test report provided by Nortel.pdf" has been updated and has been submitted to the ATCB web site under "Additional Information".



Please contact me for further information if necessary.

Sincerely,


Signature

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