



Class II Permissive Change Certification Application

June 10, 2002

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

RE : Class II Permissive Change Certification Application
FCC Tx ID : AB6NT800MFRM

Dear Sir/Madam

Please accept this application for the class II permissive change certification of the product filed under Part 2 Subpart J, for equipment operating under Part 22 of the regulations of the Federal Communications Commission. The product for which authorization is sought is Nortel Networks' 800MHz MFRM radios. The summary of the major design modifications in the 800 MHz MFRM radios were:

- (i) The OEM power amplifiers (MCPA) have been cost-reduced by the OEM vendor, Powerwave. No changes have been made on the performance design specifications. The changes on the PA provided by the OEM vendor are:
 - a. Eliminate solder points.
 - b. Not palletize any PCB (except Mainboard).
 - c. Eliminate Set Screw/Locktite combo.
 - d. Reduce PCB count.
 - e. Eliminate cable assemblies.
- (ii) The OEM RF front end duplexer modules (DPM) have been designed and built by a new vendor, Allgon. No changes have been made on the performance design specifications.
- (iii) The OEM power supply modules (HPCA) have been redesigned by the ASTEC and ASCOM OEM vendors to cover both -48V and 24V requirements. The performance design specifications are identical or excess to the previous single voltage units.
- (iv) The OEM main power filter modules (MPFM) have been redesigned by the OEM vendors, GE-ACT and Spectrian to cover both -48V and 24V requirements. The performance design specifications are identical to the previous single voltage units.

All detailed information is included in the respective exhibits as required by the Rules. Please find the following attached exhibits:

- EXHIBIT 1: Application
- EXHIBIT 2: Test Report Summary
- EXHIBIT 2A: Test Report Provided by Nortel Networks
- EXHIBIT 2B: Test Report Provided by Sanmina-SCI
- EXHIBIT 3: Technical Description
- EXHIBIT 4: Transmit Label Information
- EXHIBIT 5: External Photos
- EXHIBIT 6: Internal Photos
- EXHIBIT 7: Test setup Photos
- EXHIBIT 8: Schematics
- EXHIBIT 9: Parts Lists
- EXHIBIT 10: RF Exposure Guidelines for PCS and Cellular

Please contact me for further information if necessary. Thank you for your attention to these matters.

Important: Please see attached request for confidentiality.

Sincerely,

A handwritten signature, "T. Wong", is written over a horizontal line. To the right of the signature, the date "June 12, 2002" is handwritten. Below the signature line, the word "Signature" is printed on the left and "Date" is printed on the right.

Signature _____ Date _____

\Thomas Wong,
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