



## **Original Equipment Certification Application**

Feb 11, 2004

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

RE : Original Equipment Change Certification Application  
FCC Tx ID : AB6NT800MFRM2-CG

Dear Sir/Madam

Please accept this application for the original equipment certification application 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 MFRM2 radios.

The existing FCC ID for the 800MHz MFRM2 radios is AB6NT800MFMR2. Since the frequency range specified in the grant of AB6NT8000MFRM2 is too conservative, tests were re-performed to certify the radio to its capability. This application is mainly to extend the frequency range to its full capability. No radio hardware is needed to be modified to achieve the extended frequency range.

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 2C: Supplementary Test Report Provided by Nortel Networks
- EXHIBIT 3: Technical Description
- EXHIBIT 4: Transmit Label Information
- EXHIBIT 5: External Photos
- EXHIBIT 6: Internal Photos
- EXHIBIT 7: Test setup Photos
- EXHIBIT 8A: Schematics (NTGY48AA pg 1-25)
- EXHIBIT 8B: Schematics (NTGY48AA pg 26-50)
- EXHIBIT 8C: Schematics (NTGY48AA pg 50-76)
- EXHIBIT 8D: Schematics (NTGY33EA, NTGY35AA, and NTGY38AA)
- EXHIBIT 9: Parts Lists (NTGY30AA, 48AA, 33EA, 35AA, 38AA)
- EXHIBIT 10: RF Exposure Guidelines for PCS and Cellular
- EXHIBIT 11: User Manual



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

Important: Please see attached request for confidentiality.

Sincerely,

  
Signature

Thomas Wong,  
Regulatory Prime, Wireless Division, Nortel Networks  
*Tel: 403-769-2425 Fax: 403-769-7806*  
*Email: [thomaswg@nortelnetworks.com](mailto:thomaswg@nortelnetworks.com)*