



Class II Permissive Change Certification Application

May 15, 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

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 SFRM radios.

The reasons for Nortel Networks to file a class II permissive change for the radio with FCC ID AB6NT800SFRM are:

- (A) *Design Modification:* The design modification in the 800 MHz SFRM radios was to use an alternative narrowband DPM. There are two types of narrowband DPMs: A band and B band. The original wideband DPM covers frequency from 869 to 894MHz (covers both A and B bands). The DPM is the final stage of the radio to combine the Tx and Rx RF signals and to filter Tx RF output.
- (B) *New FCC Part 22 rules effective on Feb 18, 2003:* The tests were also carried out according to the new FCC Part 22 rules effective on Feb 18, 2003 to ensure that the radio can meet the new out-of-band emission requirement which is $-13\text{dBm}/100\text{KHz}$.

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 Photo
- EXHIBIT 8: Schematics
- EXHIBIT 9: Parts Lists
- 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