



Original Equipment Certification Application

Sept 20, 2005
American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

RE : Original Equipment Certification Application
FCC Tx ID : AB6NT1900MFRM2-FP

Dear Sir/Madam

Please accept this application for the original equipment certification of the product filed under Part 2 Subpart J, for equipment operating under Part 24, Subpart E of the regulations of the Federal Communications Commission. The product for which authorization is sought is Nortel Networks' 1900MHz MFRM2 radios.

The MFRM2 1900MHz has been filed and granted under the FCC ID: AB6NT1900MFRM2. This new filing was done because the grant for the AB6NT1900MFRM2 stated that the maximum output power for D9W emission designator was 45 dB which was about 1 dB lower than the capability of the radio. The reason of reducing the maximum output power by 1 dB for D9W emission designator was to optimize the network perform but not the limitation of the radio to meet FCC Part 24 requirements.

To eliminate this restriction of 1 dB output power backoff for D9W, Nortel is performing this original equipment application for MFRM2 1900MHz radios. No hardware and software changes are required for the radio to achieve 46 dB output power for D9W emission designator.

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 NTS Calgary
- EXHIBIT 3: Technical Description
- EXHIBIT 4: Transmit Label Information
- EXHIBIT 5: External Photos
- EXHIBIT 6: Internal Photos
- EXHIBIT 7: Users Manual
- EXHIBIT 8A: Schematics (NTGY32BB pg 1-23)
- EXHIBIT 8B: Schematics (NTGY32BB pg 24-39)
- EXHIBIT 8C: Schematics (NTGY32BB pg 40-61)
- EXHIBIT 8D: Schematics (NTGY33BB pg 62-77)
- EXHIBIT 8E: Schematics (NTGY33FB, 35AB, 38AA)
- EXHIBIT 9: Parts Lists
- EXHIBIT 10: RF Exposure Guidelines for PCS and Cellular
- EXHIBIT 11: Test Setup Photos



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