



Class II Permissive Change Application

July 14, 2004

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

RE : Class II Permissive Change Application
FCC Tx ID : AB6NT800RM-CBTS

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 Radio Module (RM) used in cBTS (Compact BTS).

The reasons for Nortel Networks to file a class II permissive change for the radio with FCC ID AB6NT800RM-CBTS are:

(A) Design changes – Significant design modifications are listed below:

- (i) New artwork to debarnacle the board.
- (ii) Fine tuning digital PLL circuitry.
- (iii) Rx circuitry modification.

(B) Supporting additional 1xEV-DO network:

The cBTS RM is going to support the 1xEV-DO network based on IS856 standard in addition of the existing IS95 and IS2000 network. Therefore, tests were carried out to ensure that the radio with the new modulation schemes (QPSK, 8-PSK, and 16-QAM) based on IS856 was still meeting the FCC Part 22 requirements. No hardware changes were required to be made in the radio to support the IS856 carrier.



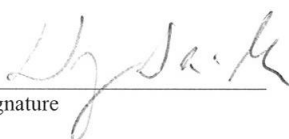
All detailed information is included in the respective exhibits as required by the Rules. Please find the following attached exhibits:

- EXHIBIT 1: Application
- EXHIBIT 2: Test Report Summary
- EXHIBIT 2A: Test Report (Data Portion) Provided by Nortel Networks
- EXHIBIT 2B: Test Report (Plot Portion) Provided by Nortel Networks
- EXHIBIT 2C: 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 8A: Schematics (NTRZ74AA pg 1-25)
- EXHIBIT 8B: Schematics (NTRZ74AA pg 26-50)
- EXHIBIT 8C: Schematics (NTRZ74AA pg 50-76)
- EXHIBIT 8D: Schematics (NTRZ33EA, NTRZ77AA)
- EXHIBIT 9: Parts Lists (NTRZ71AA, 74AA, 33EA, 77AA)
- 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,
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