



## Class II Permissive Change Application

Feb 07, 2005

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 major changes made on the radios related to this CP2 filing are:

- Optimized the driver stage and output stage power transistors without affecting the radio rated RF output power.
- Optimized the output power detection circuitry.
- Used a new type of PA pallet bonding material.
- Introduced a new DC to DC power converter unit

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 (Part 1)
- EXHIBIT 2B: Test Report Provided by Nortel Networks (Part 2)
- EXHIBIT 2C: 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: Test setup Photos
- EXHIBIT 8A: Schematics (NTRZ74AB pg 1-23)
- EXHIBIT 8B: Schematics (NTRZ74AB pg 24-39)
- EXHIBIT 8C: Schematics (NTRZ74AB pg 40-55)
- EXHIBIT 8D: Schematics (NTRZ74AB pg 56-77)

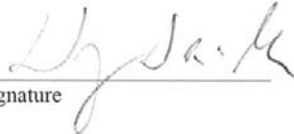


EXHIBIT 8E: Schematics (NTRZ33EB, NTRZ77AA)  
EXHIBIT 9: Parts Lists (NTRZ71AA, 74AB, 33EB, 77AA)  
EXHIBIT 10: RF Exposure Guidelines for PCS and Cellular  
EXHIBIT 11: User Manual

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,  
Regulatory Prime, Wireless Division, Nortel Networks  
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*Email: thomaswg@nortelnetworks.com*