



SANMINA-SCI

Certification Application

September 10, 2002

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

RE: Certification Application
FCC ID: AB6OUTS12000

Dear Sir/Madam,

Please accept this application for the certification of the product filed under Part 2 Subpart J, for equipment operating under Part 22, Subpart H and Part 24 Subpart E of the regulations of the Federal Communications Commission. With authority to act as an agent, Sanmina-SCI is filing this application for certification on behalf of Nortel Networks.

The product for which certification is sought is Nortel Network's 850 MHz/1900 MHz GSM outdoor BTS (S12000). All detailed information for the system is included in the respective exhibits as required by the Rules.

As per Section 2.1033 paragraph c-8 the DC voltages and currents into the final amplifying stages are:

- For the 850 MHz system the DC voltages are -38 VDC to -58.5 VDC at 3.42 Amps to 5.26 Amps (200 W maximum power consumption)
- For the 1900 MHz PA the DC voltages are -36 VDC to -57 VDC at 2.98 Amps to 4.72 Amps (170 W maximum power consumption)
- For the 1900 MHz e-PA the DC voltages are -36 VDC to -60 VDC at 3.33 Amps to 5.56 Amps (200 W maximum power consumption)

Note that the PA 1900 and e-PA 1900 have received stand-alone certification by their manufacturer Powerwave Technologies. The PA 1900 is certified under FCC ID: E675JS0041 and the e-PA 1900 is certified under FCC ID: E675JS0055.

Please find the following attached exhibits:

EXHIBIT 1 Application and Letters
EXHIBIT 2 Test Reports
EXHIBIT 3 Transmit Label Photo
EXHIBIT 4 Technical and Functional Description
EXHIBIT 5 External Photographs
EXHIBIT 6 Internal Photographs
EXHIBIT 7 Parts Lists
EXHIBIT 8 Schematics List
EXHIBIT 8A E-RDRX 850 MHz (Radio Board) Schematics
EXHIBIT 8B E-RDRX 1900 MHz (Radio Board) Schematics
EXHIBIT 8C E-RDRX 1900 MHz (Radio Board) Schematics (continued)
EXHIBIT 8D RDRX 1900 MHz (Radio Board) Schematics
EXHIBIT 9 RF Exposure



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EXHIBIT 10 Factory Test Specification
EXHIBIT 11 Reference Manual

Please contact me if any further information is required.
Important: Please see attached request for confidentiality.

Sincerely,

Glen Moore
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On behalf of Nortel Networks