www.cmac.com

Denis Lalonde
Radio Compliance Specialist

C-MAC Engineering
21 Richardson Side rd
Kanata ON K2K 2C1 · Canada
Tel   613 763 7847
Fax   613 763 8091

January 25, 2001

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, Maryland, 21046

Re: AB6CTR2401M0

Dear Sir or Madam:

This is a FCC Part 101 application for Nortel Network's iBWA 5100 24-01M0 CPE LMDS transceiver. The FCCID of this equipment is AB6CTR2401M0.

Two test reports are submitted. The main report demonstrate compliance of the LMDS CPE transceiver while it transmits signal described by the following emission designators: 2M18D9W, 5M48D9W, 4M43D9W, and 9M93D9W. An addendum test report is also submitted to demonstrate compliance of the product while it transmits a 2M8D9W, 5M6D9W, 6M2D9W, or 12M4D9W signal

The power levels listed on Form 731 and recorded in the test reports are composite power levels.

Emission Designator	Channel Spacing (MHz)	Composite Power (dBm)	Sub-carrier Power (dBm)	Comment
2M18D9W	3.3	18	18	1 carrier
2M8D9W	3.5	16	16	1 carrier
4M43D9W	5.5	18	18	1 carrier
5M48D9W	6.6	18	15	2 x 3.3 MHz carriers
5M6D9W	7.0	18	18	1 carrier
6M2D9W	7.0	15	12	2 x 3.5 MHz carriers
9M93D9W	11.0	18	15	2 x 5.5 MHz carriers
12M4D9W	14	18	15	2 x 7.0 MHz carriers

Nortel Networks requests, pursuant to 47 CFR 0.457 and 0.459 of the commission's rules, that the following items be held CONFIDENTIAL due to their proprietary nature. Nortel Networks considers this leading edge technology developed by Nortel and its partners and being new technology, would not want to make this information available to its competitors.

	Exhibit Type	**File name of Exhibit**
1.	Schematics	advg12ba-am-04.pdf
2.	Parts list	24-01M_CTR_Generic_Parts_List.doc
3.	Parts list	24-01M_CTR_Unique_Parts_List.doc
4.	Block Diagram	24-01M_ CTR_Block Diag.doc

Please call me or write if you have any questions or comments.

Regards,

Denis Lalonde
Product Integrity
email: dlalonde@kan.cmac.com
C-MAC Engineering