Class II Permissive Change - Additional Information

June 17, 2002

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

RE : Class II Permissive Change Certification Application
FCC Tx ID : AB6NT800MFRM

Dear Sir/Madam

This letter is to respond the additional information that requested by ATCB. The answers to your requests are listed below:

(1) The original grant for the AB6NT800MFRM, dated on March 7, 2001, started that the output power rating was 54W. It is the same output power rating for this PC2 application, which is 54W. Attached below is the original grant that we received for the AB6NT800MFRM.

TCB

GRANT OF EQUIPMENT AUTHORIZATION
Certification
Issued Under the Authority of the Federal Communications Commission
By:

TCB

American TCB, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

Date of Grant: 03/07/2001

Application Dated: 03/07/2001

Nortel Networks Inc.
2305 Mission College Blvd
Santa Clara, CA 95054
Attention: John Shinn

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: AB6NT800MFRM
Name of Grantee: Nortel Networks Inc.

Equipment Class: Licensed Non-Broadcast Station Transmitter

Notes: CDMA Cellular Base Station

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22(H)	869 - 894	54	10 Hz	1M25F9W
	22(H)	869 - 894	54	10 Hz	2M50F9W
	22(H)	869 - 894	54	10 Hz	3M73F9W

Powre output listed is Conducted. The antenna(s) used for this transmitter must be fixed-mounted on outdoor permanent structures. RF exposure compliance is addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of §1.1307(b)(3).

According to the PA OEM vendor, there were "no change to operational specifications or performance" stated in the vendor's cover letter to the FCC for the CP2 application on the FCC ID# E675JS0047. The OEM vendor received its grant dated on June 10, 2002. The cover letter is attached below for your reference.

Date: June 07, 2002

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: E675JS0047
(Original Grant date: 03/20/2001)
Applicant: Powerwave Technologies

Dear Examiner,

This is to request a Class II permissive change for FCC ID: E675JS0047, originally granted on 03/20/2001.

The major change filed under this application is:

Change #1: Re-design of amplifier to improve manufacturability, no change to operational specifications or performance.

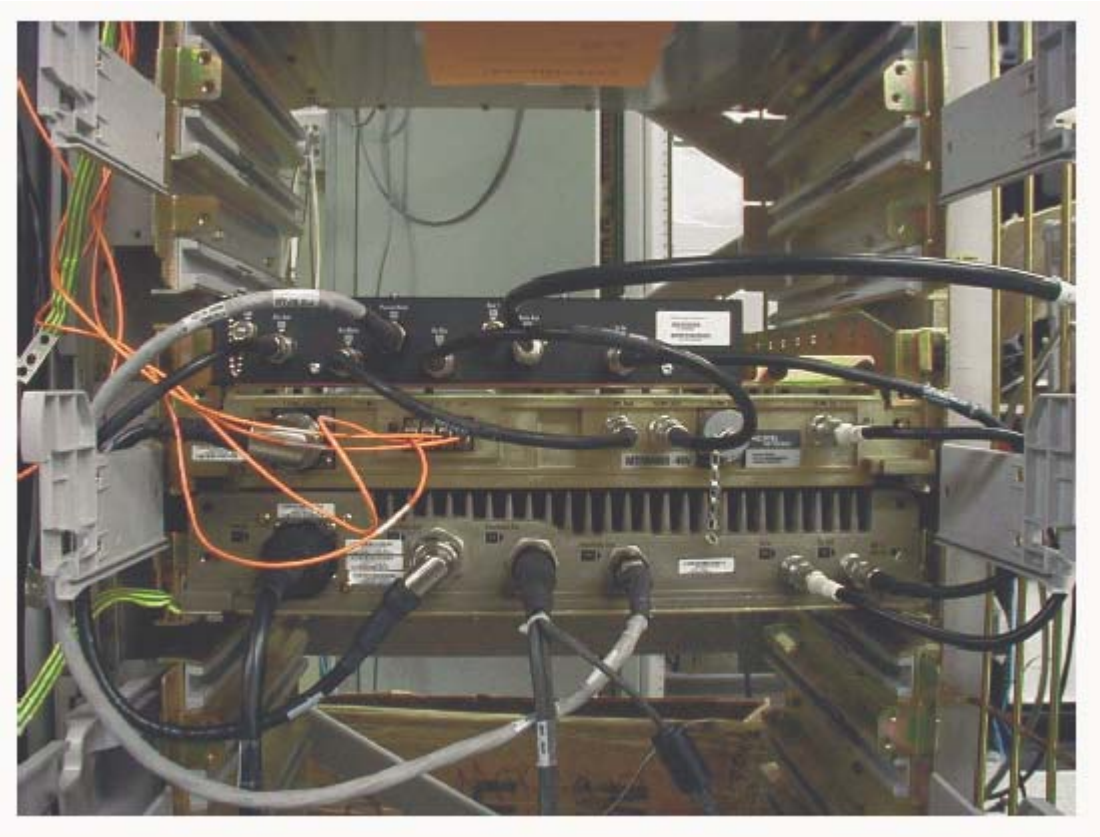
If you have any questions regarding this application, please feel free to contact me.

Sincerely yours,

Jeffrey A. Dale
Reliability/Regulatory Engineer
Powerwave Technologies, Inc.
(714) 466-1476
(714) 466-5807 FAX
jdale@pwav.com

The PA OEM vendor also provided design change information to Nortel stated that there were no changes on the PA performance specifications and the design changes mainly were for manufacturability improvements.
The basic frequency determining and stabilizing circuitry (including clock or data rates), frequency multiplication stages, and basic modulator circuit are all located in the MTRM module designed by Nortel and not in the PA by the OEM vendor. The MTRM wasn't modified in this application; therefore, no changes have been made on the above circuitry.
The maximum RF power of the MFRM is calibrated in the factory before it is shipped out to the customers. Therefore, there is no change to the maximum RF power for the MFRM.

(2) In term of the physical appearance of the equipment, there should be no significant changes. The redesigned PA, HCPA, and MPEM modules are all located inside the MPAM (the bottom module in the picture). The PA, HCPA, MPEM, and MPAM should be the same form fit as the original application. There is no physical design change on the MTRM (the middle module in the picture). The redesign DPM (RF front end duplexer) module has slightly different form fit as the previous version (the top module in the picture). Please see the below picture for your refer. The picture was submitted with this PC2 application and can also be found in the external picture section.



Please see the answers in (1) for your concerns on basic frequency determining and stabilizing circuitry (including clock or data rates), frequency multiplication stages, basic modulator circuit or maximum power or field strength ratings.

Please contact me for further information if necessary.

Sincerely,

Signature

Thomas Wong,
Regulatory Prime
Wireless Division, Nortel Networks
Tel: 403-769-2425
Fax: 403-769-7806
Email: thomaswg@nortelnetworks.com