

"Exhibit 1 (Training Center)"

<i>mws</i>	{	2150 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2156 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	2156 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2162 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	2596 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2644 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	2650 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2656 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	2662 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2668 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	2674 MHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		2680 MHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	24.25 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		24.45 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	25.05 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		25.25 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	27.5 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		28.35 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	29.1 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		29.25 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	31.075 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		31.225 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	31.0 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		31.075 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	31.225 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		31.3 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer
<i>mws</i>	{	38.75 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
		38.95 GHz		.001 W			16QAM	W/spectrum
							64QAM	analyzer

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"Exhibit 1 (Training Center)"

39.45 GHz-	-15dBm	(0) dBm	Peak	6M00D7W	4QAM	Determined
39.65 GHz		.001 W			16QAM	W/spectrum
					64QAM	analyzer

March 6, 2006

"Exhibit 2"

2150 MHz- 2156 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
2156 MHz- 2162 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
2596 MHz- 2644 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
2650 MHz- 2656 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
2662 MHz- 2668 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
2674 MHz- 2680 MHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
24.25 GHz- 24.45 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
25.05 GHz- 25.25 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
27.5 GHz- 28.35 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
29.1 GHz- 29.25 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
31.075 GHz- 31.225 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
31.0 GHz- 31.075 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
31.225 GHz- 31.3 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer
38.75 GHz- 38.95 GHz	0.2mW	0.63 W	Peak	6M00D7W	4QAM 16QAM 64QAM	Determined W/spectrum analyzer

"Exhibit 2"

39.45 GHz-	0.2mW	0.63 W	Peak	6M00D7W	4QAM	Determined
39.65 GHz					16QAM	W/spectrum
					64QAM	analyzer

*Kimberly Alexander*ATTN: ~~TURNER BROADCASTER~~, SUITE 700, 801 PENNSYLVANIA AVENUE, N.W., WASHINGTON, DC 20004

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

K12XAH

(Call Sign)

XD FX, MO

(Class of Station)

5899-EX-ML-97

(File Number)

NAME

NORTHERN TELECOM, INC.US

(Location of Station)

Area Of Operation: UNITED STATES AND POSSESSIONS

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Frequency	Class	Emission	Authorized
	Stn	Designator	Power watts

See Attached Page 3

Operation: In accordance with Sec. 5.202(d), (e), (f), (g) & (i) of the Commission's Rules.

Special Conditions:

See Attached Page 2

This authorization effective October 20, 1997 and
 will expire 3:00 A.M. EST November 1, 1999

FEDERAL
COMMUNICATIONS
COMMISSION



NORTHERN TELECOM, INC.

K12XAH

Page 2

5899-EX-ML-97

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (3) Licensee is authorized to use various modes of modulation, bandwidth, and data rates. None of these modes of transmission shall extend beyond the band limits set forth above. Power and emission for the 902-928, 2400-2483.5 and 5725-5850 MHz bands must conform to Part 15 FCC Rules.
- (4) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (5) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (6) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (7) Operation in the 824-849, 869-894, 930-931, or 940-941 MHz band requires consent of cellular and PCS licensees to avoid interference.
- (8) Equipment that has not received equipment authorization must be identified as "not approved by the Federal Communications Commission" and "this device is not, and may not be, offered for sale or lease, or sold or leased until the approval of the FCC has been obtained."

NORTHERN TELECOM, INC.

K12XAH

Page 3

5899-EX-ML-97

Frequency MHz	Class Stn	Emission Designator	Authorized Power watts
824.00000-			
849.00000	MO	XXX	600mW (ERP)
864.00000-			
868.00000	FX	100KF2W	10mW (ERP)
	MO	100KF2W	10mW (ERP)
869.00000-			
894.00000	FX	XXX	250mW (ERP)
902.00000-			
928.00000	FX	100KF2W	1W (ERP)
	MO	100KF2W	1W (ERP)
930.00000-			
960.00000	FX	100KF2W	10mW (ERP)
	MO	100KF2W	10mW (ERP)
1850.00000-			
1910.00000	MO	XXX	1.220W (ERP)
	FX	XXX	1K (ERP)
1920.00000-			
1930.00000	MO	100KV7E	32mW (ERP)
1930.00000-			
1990.00000	MO	XXX	1.220W (ERP)
	FX	XXX	1K (ERP)
2400.00000-			
2483.50000	FX	XXX	1W (ERP)
	MO	XXX	1W (ERP)
5725.00000-			
5850.00000	FX	XXX	1W (ERP)
	MO	XXX	1W (ERP)

EXHIBIT "4"

NARRATIVE STATEMENT

FCC Form 442

This is a request for a **Modification** of the Experimental License authorization issued to Nortel.

- §5.202(d) of the Regulations: Technical demonstrations of equipment or techniques, and;
- §5.202(f) of the Regulations: Demonstrations of equipment of prospective purchasers for proposed stations in existing services by persons engaged in the business of selling radio equipment.
- §5.202(i) of the Regulations: Development of radio technique, equipment, operational data or engineering data related to an existing or proposed radio service;

Modification consists of adding frequencies for broadband wireless technologies to accommodate training of Nortel's employees and customers in the operation, maintenance of equipment for proposed stations. This modification will also accommodate broadband wireless technologies for demonstrations, field trails, trade shows, technical demonstrations of equipment or techniques and for demonstrations of equipment in existing services by persons engaged in the business of selling radio equipment.

Exhibit "5"

REUNION

Broadband Wireless Access Solutions

