

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WD2XEN

(Call Sign)

0131-EX-PL-2003

(File Number)

NAME Decibel Products, a Division of Allen Telecom

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.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Dallas (DALLAS), TX - NL 32-49-59; WL 96-52-38
- (2) Dallas (DALLAS), TX - NL 32-49-59; WL 96-52-38
- (3) Dallas (DALLAS), TX - NL 32-48-25; WL 96-51-53

Frequency Information

Dallas (DALLAS), TX - NL 32-49-59; WL 96-52-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144-148 MHz	FX	N0N	29 uW (ERP)	0.001 %
150.8-152.855 MHz	FX	N0N	29 uW (ERP)	0.001 %
152.855-157.0375 MHz	FX	N0N	29 uW (ERP)	0.001 %
157.1875-162.0125 MHz	FX	N0N	29 uW (ERP)	0.001 %
173.2-173.4 MHz	FX	N0N	29 uW (ERP)	0.001 %
450-460 MHz	FX	N0N	222.549 mW (ERP)	0.001 %
470-512 MHz	FX	N0N	222.549 mW (ERP)	0.001 %
698-806 MHz	FX	N0N	998.884 mW (ERP)	0.001 %
806-902 MHz	FX	N0N	998.884 mW (ERP)	0.001 %
928-932 MHz	FX	N0N	998.884 mW (ERP)	0.001 %
935-941 MHz	FX	N0N	998.884 mW (ERP)	0.001 %
944-960 MHz	FX	N0N	998.884 mW (ERP)	0.001 %
1850-2025 MHz	FX	N0N	1.716 mW (ERP)	0.001 %
2110-2200 MHz	FX	N0N	651.31 mW (ERP)	0.001 %

This authorization effective July 23, 2003 and
will expire 3:00 A.M. EST August 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dallas (DALLAS), TX - NL 32-49-59; WL 96-52-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2305-2310 MHz	FX	N0N	867.264 uW (ERP)	0.001 %
2450-2483.5 MHz	FX	N0N	636 uW (ERP)	0.001 %
2500-2655 MHz	FX	N0N	636 uW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-49-59; WL 96-52-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144-148 MHz	FX	0K00N0N	29 uW (ERP)	0.001 %
150.8-152.855 MHz	FX	0K00N0N	29 uW (ERP)	0.001 %
152.855-157.0375 MHz	FX	0K00N0N	29 uW (ERP)	0.001 %
157.1875-162.0125 MHz	FX	0K00N0N	29 uW (ERP)	0.001 %
173.2-173.4 MHz	FX	0K00N0N	29 uW (ERP)	0.001 %
450-460 MHz	FX	0K00N0N	222.549 mW (ERP)	0.001 %
470-512 MHz	FX	0K00N0N	222.549 mW (ERP)	0.001 %
698-806 MHz	FX	0K00N0N	998.884 mW (ERP)	0.001 %
806-902 MHz	FX	0K00N0N	998.884 mW (ERP)	0.001 %
928-932 MHz	FX	0K00N0N	998.884 mW (ERP)	0.001 %
935-941 MHz	FX	0K00N0N	998.884 mW (ERP)	0.001 %
944-960 MHz	FX	0K00N0N	998.884 mW (ERP)	0.001 %
1850-2025 MHz	FX	0K00N0N	1.716 mW (ERP)	0.001 %
2110-2200 MHz	FX	0K00N0N	651.31 mW (ERP)	0.001 %
2305-2310 MHz	FX	0K00N0N	867.264 uW (ERP)	0.001 %
2450-2483.5 MHz	FX	0K00N0N	636 uW (ERP)	0.001 %
2500-2655 MHz	FX	0K00N0N	636 uW (ERP)	0.001 %

Dallas (DALLAS), TX - NL 32-48-25; WL 96-51-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
144-148 MHz	FX	0K00N0N	127 uW (ERP)	0.001 %
150.8-152.855 MHz	FX	0K00N0N	127 uW (ERP)	0.001 %
152.855-157.0375 MHz	FX		127 uW (ERP)	0.001 %
157.1875-162.0125 MHz	FX	0K00N0N	127 uW (ERP)	0.001 %
173.2-173.4 MHz	FX	0K00N0N	127 uW (ERP)	0.001 %
450-460 MHz	FX	0K00N0N	2.205 mW (ERP)	0.001 %
470-512 MHz	FX	0K00N0N	2.205 mW (ERP)	0.001 %
698-806 MHz	FX	0K00N0N	4.31 W (ERP)	0.001 %

Frequency Information

Dallas (DALLAS), TX - NL 32-48-25; WL 96-51-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
806-902 MHz	FX	0K00N0N	4.31 W (ERP)	0.001 %
928-932 MHz	FX	0K00N0N	4.31 W (ERP)	0.001 %
935-941 MHz	FX	0K00N0N	4.31 W (ERP)	0.001 %
944-960 MHz	FX	0K00N0N	4.31 W (ERP)	0.001 %
1850-2025 MHz	FX	0K00N0N	9.15 W (ERP)	0.001 %
2305-2310 MHz	FX	0K00N0N	46.1 W (ERP)	0.001 %
2450-2483.5 MHz	FX	0K00N0N	69.9 W (ERP)	0.001 %
2500-2655 MHz	FX	0K00N0N	69.9 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) 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.
- (4) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (5) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ms Cheryl Herrero; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (6) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (7) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (8) Special Note: Testing conducted below the Part 15 power levels does not require coordination. All other operations must be coordinated with the appropriate frequency coordinator or local licensees for each band.