

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KE2XKT

(Call Sign)

0581-EX-ST-2008

(File Number)

NAME Dielectric Communications

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To perform measurements to determine the power density on the ground at different distances and azimuth from the tower.

Station Locations

(1) Gray (CUMBERLAND), ME - NL 43-51-06; WL 70-19-37

Frequency Information

Gray (CUMBERLAND), ME - NL 43-51-06; WL 70-19-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-940 MHz	FX	500HA1W	100 kW (ERP)	
957-959 MHz	FX	500HA1W	100 kW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective November 07, 2008 and
will expire 3:00 A.M. EST May 01, 2009

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COMMISSION**



Special Conditions:

- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Stop Buzzers are Andre Skalina: (202) 838-1093, Jens Ostergaard: (207) 321-1434 and Chris Rossiter: (207) 329-6251. They are the people that can cease transmissions immediately at any given time should interference occur.
- (5) Applicant should stay within the requested bands, 935-940 MHz and 957-959 MHz.
- (6) Operation is subject to prior coordination with Fixed Microwave licensees.