

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

EXPERIMENTAL

(Nature of Service)

KA2XYK

(Call Sign)

XD FX

(Class of Station)

0025-EX-ML-2008

(File Number)

NAME RADANT TECHNOLOGIES, INC.

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(g) of the Commission's Rules

Station Locations

- (1) STOW (MIDDLESEX), MA - NL 42-25-17; WL 71-33-10
- (2) Stow (MIDDLESEX), MA - NL 42-25-17; WL 71-33-10

Frequency Information

STOW (MIDDLESEX), MA - NL 42-25-17; WL 71-33-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-960 MHz	FX	N0N	1 W (ERP)	
2000-2690 MHz	FX	N0N	1 W (ERP)	
3000-4000 MHz	FX	N0N	1 W (ERP)	
8000-9000 MHz	FX	N0N	1 W (ERP)	

This authorization effective June 17, 2008 and
will expire 3:00 A.M. EST June 17, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

STOW (MIDDLESEX), MA - NL 42-25-17; WL 71-33-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9200-10500 MHz	FX	N0N	1 W (ERP)	
10700-12000 MHz	FX	N0N	1 W (ERP)	
16000-17000 MHz	FX	N0N	1 W (ERP)	
20200-21200 MHz	FX	N0N	1 W (ERP)	
31800-33400 MHz	FX	N0N	1 W (ERP)	
43500-45500 MHz	FX	N0N	1 W (ERP)	

Stow (MIDDLESEX), MA - NL 42-25-17; WL 71-33-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-31 GHz	FX	N0N	10 W (ERP)	

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 5.115 of the Commission's Rules are waived.