

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WD2XBI

(Call Sign)

0282-EX-PL-2002

(File Number)

NAME Thales Mackay Radio, 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(h) of the Commission's Rules

Station Locations

(1) Raleigh (WAKE), NC - NL 35-51-27; WL 78-34-58

Frequency Information

Raleigh (WAKE), NC - NL 35-51-27; WL 78-34-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2142.4 kHz	FX	2K50F2D	1000 W (ERP)	
2142.4 kHz	FX	2K75J3E	1000 W (ERP)	
4916.5 kHz	FX	2K50F2D	1000 W (ERP)	
4916.5 kHz	FX	2K75J3E	1000 W (ERP)	
7422 kHz	FX	2K50F2D	1000 W (ERP)	
7422 kHz	FX	2K75J3E	1000 W (ERP)	
9973 kHz	FX	2K50F2D	1000 W (ERP)	
9973 kHz	FX	2K75J3E	1000 W (ERP)	
10423 kHz	FX	2K50F2D	1000 W (ERP)	
10423 kHz	FX	2K75J3E	1000 W (ERP)	
13423 kHz	FX	2K50F2D	1000 W (ERP)	
13423 kHz	FX	2K75J3E	1000 W (ERP)	
15711.5 kHz	FX	2K50F2D	1000 W (ERP)	
15711.5 kHz	FX	2K75J3E	1000 W (ERP)	
18178.5 kHz	FX	2K50F2D	1000 W (ERP)	
18178.5 kHz	FX	2K75J3E	1000 W (ERP)	

This authorization effective January 08, 2003 and
will expire 3:00 A.M. EST November 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Raleigh (WAKE), NC - NL 35-51-27; WL 78-34-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23007 kHz	FX	2K50F2D	1000 W (ERP)	
23007 kHz	FX	2K75J3E	1000 W (ERP)	
27547 kHz	FX	2K50F2D	1000 W (ERP)	
27547 kHz	FX	2K75J3E	1000 W (ERP)	