

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

EXPERIMENTAL

(Nature of Service)

WC2XSQ

(Call Sign)

XD FX MO

(Class of Station)

0298-EX-RR-2011

(File Number)

NAME WEATHER DETECTION SYSTEMS, 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(d, f, g, i) of the Commission's Rules

Station Locations

(1) USA, US; MOBILE: NATIONWIDE

Frequency Information

USA, US; MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5400-5600 MHz	FX	11M0P0N	2.45 GW (ERP)	

Special Conditions:

- (1) Subject to coordination with the Area Frequency Coordinator located at White Sands Missile Range, New Mexico, prior to use in the State of New Mexico or other U. S. Territory within a 150 mile radius of WSMR plus the area of Utah and Colorado that lies South of 41 degrees North and between 108 degrees and 111 degrees West. Phone: 505-678-5417 or 3702.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective January 13, 2012 and
will expire 3:00 A.M. EST January 13, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Operations are not permitted in frequency band 5600-5650 MHz band due to anticipated harmful interferences to present and future of the FAA operations.