

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF2XCQ

(Call Sign)

0099-EX-ML-2009

(File Number)

NAME Dielectric Communications

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) MOBILE: Columbia (RICHLAND), SC, within 88 km, centered around NL 34-07-07; WL 80-56-13
- (2) Columbia (RICHLAND), SC - NL 34-07-07; WL 80-56-13

Frequency Information

MOBILE: Columbia (RICHLAND), SC, within 88 km, centered around NL 34-07-07; WL 80-56-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	500KF7W	39.8 kW (ERP)	0.0001 %

Columbia (RICHLAND), SC - NL 34-07-07; WL 80-56-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	500KF7W	39.8 kW (ERP)	0.0001 %

This authorization effective November 17, 2009 and
will expire 3:00 A.M. EST October 14, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Meng Zhao at 207-210-8291
- (5) Licensee should get consent from existing and future Advance Wireless Services licensees in the areas of the tests prior to operating in the 1710-1755 MHz band.