

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

EXPERIMENTAL

(Nature of Service)

WC2XXS

(Call Sign)

XD FX

(Class of Station)

0134-EX-PL-2002

(File Number)

NAME ARC Wireless Solutions, 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(i) of the Commission's Rules

Station Locations

(1) Wheat Ridge (JEFFERSON), CO - NL 39-47-08; WL 105-07-34

Frequency Information

Wheat Ridge (JEFFERSON), CO - NL 39-47-08; WL 105-07-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
800-960 MHz	FX	N0N	5 W (ERP)	
1710-2200 MHz	FX	N0N	5 W (ERP)	
2305-2690 MHz	FX	N0N	5 W (ERP)	
2900-3000 MHz	FX	N0N	5 W (ERP)	
5.15-5.35 GHz	FX	N0N	5 W (ERP)	
5.725-5.875 GHz	FX	N0N	5 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.
- (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) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.

This authorization effective July 24, 2003 and
will expire 3:00 A.M. EST July 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Operation in the 1910-1930 MHz band requires coordination with UTAM, Inc. pursuant to Section 15.307 of the Commission's Rules.
- (6) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (7) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (8) This license SUPERSEDES the previously issued license with the same call sign and file number: adds cellular licensees, PCS licensees, UTAM and SBE coordination conditions and limits all powers to a maximum peak ERP of 5 watts.