

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

EXPERIMENTAL

(Nature of Service)

WF2XFE

(Call Sign)

XD FX MO

(Class of Station)

0191-EX-ML-2013

(File Number)

NAME DRS Signal 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) West Melbourne (BREVARD), FL - NL 28-05-34; WL 80-41-58
- (2) MOBILE: West Melbourne (BERVARD), FL, within 5 km, centered around NL 28-05-34; WL 80-41-58
- (3) Palm Bay (BREVARD), FL - NL 27-56-35; WL 80-42-40
- (4) MOBILE: Palm Bay (BREVARD), FL, within 3 km, centered around NL 27-56-35; WL 80-42-40
- (5) Palm Bay, FL - NL 28-03-10; WL 80-35-31
- (6) MOBILE: Mobile Operations, within 1.5 km, centered around NL 28-03-10; WL 80-35-31

Frequency Information

West Melbourne (BREVARD), FL - NL 28-05-34; WL 80-41-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-960 MHz	FX		145 W (ERP)	
		1M25F7W		
		1M40F7W		
		3M50F7W		
		4M20F7W		
		5M00F7W		
		10M0F7W		
		15M0F7W		
		20M0F7W		

This authorization effective January 31, 2014 and
will expire 3:00 A.M. EST March 05, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

West Melbourne (BREVARD), FL - NL 28-05-34; WL 80-41-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-960 MHz	FX	295KGXD	145 W (ERP)	
1805-1880 MHz	FX	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KGXD	155 W (ERP)	
2110-2170 MHz	FX	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W	3 W (ERP)	

MOBILE: West Melbourne (BERVARD), FL, within 5 km, centered around NL 28-05-34; WL 80-41-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W	2 W (ERP)	

Frequency Information

MOBILE: West Melbourne (BERVARD), FL, within 5 km, centered around NL 28-05-34; WL 80-41-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	10M0F7W 15M0F7W 20M0F7W 295KGXD	2 W (ERP)	
1710-1785 MHz	MO	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KGXD	2 W (ERP)	

Palm Bay (BREVARD), FL - NL 27-56-35; WL 80-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-960 MHz	FX	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KGXD	80 W (ERP)	
1805-1880 MHz	FX	1M25F7W	80 W (ERP)	

Frequency Information

Palm Bay (BREVARD), FL - NL 27-56-35; WL 80-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KGXD	80 W (ERP)	
2110-2170 MHz	FX	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W	3 W (ERP)	

MOBILE: Palm Bay (BREVARD), FL, within 3 km, centered around NL 27-56-35; WL 80-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W	1 W (ERP)	

Frequency Information

MOBILE: Palm Bay (BREVARD), FL, within 3 km, centered around NL 27-56-35; WL 80-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	295KG7D	1 W (ERP)	
1710-1785 MHz	MO	1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KG7D	1 W (ERP)	

Palm Bay, FL - NL 28-03-10; WL 80-35-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-960 MHz	FX	10M0F7W 15M0F7W 1M25F7W 1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W 295KGXD	145 W (ERP)	
1805-1880 MHz	FX	10M0F7W 15M0F7W 1M25F7W 1M40F7W	155 W (ERP)	

Frequency Information

Palm Bay, FL - NL 28-03-10; WL 80-35-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	20M0F7W 3M50F7W 4M20F7W 5M00F7W 295KGXD	155 W (ERP)	
2110-2170 MHz	FX	10M0F7W 15M0F7W 1M25F7W 1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W	3 W (ERP)	

MOBILE: Mobile Operations, within 1.5 km, centered around NL 28-03-10; WL 80-35-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	295KGXD 10M0F7W 15M0F7W 1M25F7W 1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W	2 W (ERP)	
1710-1785 MHz	MO	295KGXD	2 W (ERP)	

Frequency Information

MOBILE: Mobile Operations, within 1.5 km, centered around NL 28-03-10; WL 80-35-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	10M0F7W 15M0F7W 1M25F7W 1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W	2 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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.
- (5) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (6) Operation is subject to prior coordination with Fixed Microwave licensees.
- (7) Licensee should get consent from existing and future Advance Wireless Services licensees.
- (8) The designated point-of-contact to terminate transmissions if interference occurs is Bill Farley at 321-794-2455
- (9) This license supersedes previous grant to incorporate the renewal term period applied for under application 0434-EX-RR-2013.