

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

EXPERIMENTAL
(Nature of Service)

XD FX MO
(Class of Station)

WF2XFE
(Call Sign)

0546-EX-CR-2017
(File Number)

NAME DRS Advanced ISR, LLC

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(j) 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) Melbourne, FL - NL 28-06-33; WL 80-37-28
- (6) MOBILE: Palm Bay, FL, within 2 km, centered around NL 28-06-33; WL 80-37-28

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	295KG1D	145 W (ERP)	
		1M25F7W		
		1M40F7W		
		3M50F7W		
		4M20F7W		
		5M00F7W		
		10M0F7W		
		15M0F7W		

This authorization effective March 01, 2018 and
will expire 3:00 A.M. EST March 01, 2023

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	20M0F7W	145 W (ERP)	
1805-1880 MHz	FX	1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W 295KG1D 1M25F7W	155 W (ERP)	
2110-2170 MHz	FX	20M0F7W 1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W	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	295KG1D 1M25F7W 1M40F7W 3M50F7W 4M20F7W	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	5M00F7W 10M0F7W 15M0F7W 20M0F7W	2 W (ERP)	
1710-1785 MHz	MO	295KG1D 1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W	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	295KG1D 1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 20M0F7W	80 W (ERP)	
1805-1880 MHz	FX	15M0F7W	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	20M0F7W 295KG1D 1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W	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	295KG7D 1M25F7W 1M40F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W	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	20M0F7W	1 W (ERP)	
1710-1785 MHz	MO	295KG7D	1 W (ERP)	
		1M25F7W		
		1M40F7W		
		3M50F7W		
		4M20F7W		
		5M00F7W		
		10M0F7W		
		15M0F7W		
		20M0F7W		

Melbourne, FL - NL 28-06-33; WL 80-37-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
935-960 MHz	FX	10M0F7W	145 W (ERP)	
		15M0F7W		
		1M25F7W		
		1M40F7W		
		20M0F7W		
		3M50F7W		
		4M20F7W		
		5M00F7W		
		295KG1D		
1805-1880 MHz	FX	10M0F7W	155 W (ERP)	
		15M0F7W		
		1M25F7W		
		1M40F7W		

Frequency Information

Melbourne, FL - NL 28-06-33; WL 80-37-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	20M0F7W 3M50F7W 4M20F7W 5M00F7W 295KG1D	155 W (ERP)	
2110-2170 MHz	FX	1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W 10M0F7W 15M0F7W 1M25F7W	3 W (ERP)	

MOBILE: Palm Bay, FL, within 2 km, centered around NL 28-06-33; WL 80-37-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
890-915 MHz	MO	295KG1D 10M0F7W 15M0F7W 1M25F7W 1M40F7W 20M0F7W 3M50F7W 4M20F7W 5M00F7W	2 W (ERP)	
1710-1785 MHz	MO	295KG1D	2 W (ERP)	

Frequency Information

MOBILE: Palm Bay, FL, within 2 km, centered around NL 28-06-33; WL 80-37-28

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) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) 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.
- (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