

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XOU

(Call Sign)

0048-EX-PL-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(d) of the Commission's Rules

Station Locations

- (1) MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Gaithersburg, MD), within 1 km, centered around NL 39-08-19; WL 77-13-24
- (2) MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Cary, NC), within 1 km, centered around NL 35-46-29; WL 78-48-56

Frequency Information

MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Gaithersburg, MD), within 1 km, centered around NL 39-08-19; WL 77-13-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.765-6.795 MHz	MO	N0N 5K00D2E 5K00F3E	25 W (ERP)	
13.553-13.567 MHz	MO	N0N 5K00D2E 5K00F3E	25 W (ERP)	

This authorization effective May 24, 2013 and
will expire 3:00 A.M. EST June 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
26.957-27.283 MHz	MO	N0N 20K0D2E 20K0F3E	25 W (ERP)	
40.66-40.7 MHz	MO	N0N 10K0D2E 10K0F3E	25 W (ERP)	
72-76 MHz	MO	N0N 10K0D2E 10K0F3E	25 W (ERP)	
314.4 MHz	MO	N0N 100KD2E 100KF3E	25 W (ERP)	
433.05-434.79 MHz	MO	N0N 20K0D2E 20K0F3E	25 W (ERP)	
450-470 MHz	MO	N0N 10K0D2E	25 W (ERP)	
902-928 MHz	MO	N0N 5M00D2E 10M0D2E	25 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.4-2.5 GHz	MO	N0N 10M0D2E 28M0D2E	25 W (ERP)	
5.725-5.875 GHz	MO	N0N 10M0D2E 28M0D2E	25 W (ERP)	

MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Cary, NC), within 1 km, centered around NL 35-46-29; WL 78-48-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.765-6.795 MHz	MO	N0N 5K00D2E 5K00F3E	25 W (ERP)	
13.553-13.567 MHz	MO	N0N 5K00D2E 5K00F3E	25 W (ERP)	
26.957-27.283 MHz	MO	N0N 20K0D2E 20K0F3E	25 W (ERP)	
40.66-40.7 MHz	MO	N0N 10K0D2E	25 W (ERP)	

Frequency Information

MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Cary, NC), within 1 km, centered around NL 35-46-29; WL 78-48-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
40.66-40.7 MHz	MO	10K0F3E	25 W (ERP)	
72-76 MHz	MO	N0N 10K0D2E 10K0F3E	25 W (ERP)	
314.4 MHz	MO	N0N 100KD2E 100KF3E	25 W (ERP)	
433.05-434.79 MHz	MO	N0N 20K0D2E 20K0F3E	25 W (ERP)	
450-470 MHz	MO	N0N 10K0D2E	25 W (ERP)	
902-928 MHz	MO	N0N 5M00D2E 10M0D2E	25 W (ERP)	
2.4-2.5 GHz	MO	N0N 10M0D2E 28M0D2E	25 W (ERP)	
5.725-5.875 GHz	MO	N0N	25 W (ERP)	

Frequency Information

MOBILE: Mobile (Ground) Operations Operating within 1km of Specified Centerpoint Coordinates (Cary, NC), within 1 km, centered around NL 35-46-29; WL 78-48-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.875 GHz	MO	10M0D2E 28M0D2E	25 W (ERP)	

Special Conditions:

- (1) 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.
- (2) Licensee shall exclude 74.6-75.4 MHz