

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XOV

(Call Sign)

0012-EX-AL-2014

(File Number)

NAME DRS Technical Services, 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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Tucson, AZ - University of Arizona (Temporary Fixed Operations), within 1 km, centered around NL 32-05-32; WL 110-48-33
- (2) MOBILE: Tucson, AZ (Temporary Fixed Operations), within 20 km, centered around NL 32-05-25; WL 110-49-13
- (3) MOBILE: Tucson, AZ (Temporary Fixed Operations), within 28 km, centered around NL 32-05-21; WL 110-57-24

Frequency Information

MOBILE: Tucson, AZ - University of Arizona (Temporary Fixed Operations), within 1 km, centered around NL 32-05-32; WL 110-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4445 MHz	MO	28M7D1D	530.9 W (ERP)	
4475 MHz	MO	28M7D1D	530.9 W (ERP)	
4505 MHz	MO	28M7D1D	530.9 W (ERP)	

This authorization effective June 12, 2014 and
will expire 3:00 A.M. EST May 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Tucson, AZ - University of Arizona (Temporary Fixed Operations), within 1 km, centered around NL 32-05-32; WL 110-48-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4535 MHz	MO	28M7D1D	530.9 W (ERP)	
4565 MHz	MO	28M7D1D	530.9 W (ERP)	
4745 MHz	MO	28M7D1D	530.9 W (ERP)	
4775 MHz	MO	28M7D1D	530.9 W (ERP)	
4805 MHz	MO	28M7D1D	530.9 W (ERP)	
4835 MHz	MO	28M7D1D	530.9 W (ERP)	
4865 MHz	MO	28M7D1D	530.9 W (ERP)	

MOBILE: Tucson, AZ (Temporary Fixed Operations), within 20 km, centered around NL 32-05-25; WL 110-49-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4445 MHz	MO	28M7D1D	530.9 W (ERP)	
4475 MHz	MO	28M7D1D	530.9 W (ERP)	

Frequency Information

MOBILE: Tucson, AZ (Temporary Fixed Operations), within 20 km, centered around NL 32-05-25; WL 110-49-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4505 MHz	MO	28M7D1D	530.9 W (ERP)	
4535 MHz	MO	28M7D1D	530.9 W (ERP)	
4565 MHz	MO	28M7D1D	530.9 W (ERP)	
4745 MHz	MO	28M7D1D	530.9 W (ERP)	
4775 MHz	MO	28M7D1D	530.9 W (ERP)	
4805 MHz	MO	28M7D1D	530.9 W (ERP)	
4835 MHz	MO	28M7D1D	530.9 W (ERP)	
4865 MHz	MO	28M7D1D	530.9 W (ERP)	

MOBILE: Tucson, AZ (Temporary Fixed Operations), within 28 km, centered around NL 32-05-21; WL 110-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4445 MHz	MO	28M7D1D	530.9 W (ERP)	

Frequency Information

MOBILE: Tucson, AZ (Temporary Fixed Operations), within 28 km, centered around NL 32-05-21; WL 110-57-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4475 MHz	MO	28M7D1D	530.9 W (ERP)	
4505 MHz	MO	28M7D1D	530.9 W (ERP)	
4535 MHz	MO	28M7D1D	530.9 W (ERP)	
4565 MHz	MO	28M7D1D	530.9 W (ERP)	
4745 MHz	MO	28M7D1D	530.9 W (ERP)	
4775 MHz	MO	28M7D1D	530.9 W (ERP)	
4805 MHz	MO	28M7D1D	530.9 W (ERP)	
4835 MHz	MO	28M7D1D	530.9 W (ERP)	
4865 MHz	MO	28M7D1D	530.9 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.