

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WE2XJU

(Call Sign)

0140-EX-PL-2007

(File Number)

NAME Orbital Sciences Corporation

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) Dulles (LOUDOUN), VA - NL 39-00-56; WL 77-25-42

Frequency Information

Dulles (LOUDOUN), VA - NL 39-00-56; WL 77-25-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11202.125-11447.875 MHz	FX	NON	240.1 kW (ERP)	1.0E-7 %
11768.52-12434.46 MHz	FX	NON	216.82 kW (ERP)	1.0E-7 %
13002.125-13234.875 MHz	FX	NON	0.03 W (ERP)	1.0E-7 %
17368.52-18034.46 MHz	FX	NON	0.03 W (ERP)	1.0E-7 %

This authorization effective October 26, 2007 and
will expire 3:00 A.M. EST November 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dulles (LOUDOUN), VA - NL 39-00-56; WL 77-25-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.7-12.2 GHz	FX	N0N	148.39 kW (ERP)	1.0E-7 %
11.7-11.84 GHz	FX	N0N	141.71 kW (ERP)	1.0E-7 %
12.2-12.5 GHz	FX	N0N	523.82 kW (ERP)	1.0E-7 %
13.75-14.25 GHz	FX	N0N	0.03 W (ERP)	1.0E-7 %
14-14.5 GHz	FX	N0N	11.48 W (ERP)	1.0E-7 %
14-14.14 GHz	FX	N0N	11.22 W (ERP)	1.0E-7 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.
- (3) Operation is subject to prior coordination with affected existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).