

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WD2XZM

(Call Sign)

0186-EX-RR-2008

(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) CHANDLER (MARICOPA), AZ - NL 33-15-15; WL 111-53-10

Frequency Information

CHANDLER (MARICOPA), AZ - NL 33-15-15; WL 111-53-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1575.42 MHz	FX	20M4W7D	21.9 pW (ERP)	0.01 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) GPS users in the area of potential interference to GPS reception must be notified that GPS information may be impacted for periods of time.
- (3) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Mark Haynie at cell number (480) 540-8872.
- (4) Operation is limited to activity for the purpose of testing radionavigation satellite service (RNSS) equipment and systems.
- (5) The test equipment shall only be used indoors and shall be under the control of Orbital Sciences Corporation.
- (6) Orbital Sciences Corporation shall post signs on doors to the test area notifying that, "GPS re-radiator is in use and the GPS information you receive may be in error."

This authorization effective November 01, 2008 and
will expire 3:00 A.M. EST November 02, 2010

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COMMUNICATIONS
COMMISSION**

