

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WD2XMZ

(Call Sign)

0294-EX-PL-2004

(File Number)

NAME Lockheed Martin 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(b) of the Commission's Rules

Station Locations

(1) Orlando (ORANGE), FL - NL 28-32-17; WL 81-12-48

Frequency Information

Orlando (ORANGE), FL - NL 28-32-17; WL 81-12-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1227.6 MHz	FX	24M0G1D	12 pW (ERP)	
1575.42 MHz	FX	24M0G1D	12 pW (ERP)	

Special Conditions:

- (1) Testing only allowed for indoor operations
- (2) A 100 foot radius around the building location shall be under Lockheed Martin control.
- (3) The agreed power will be 12 picowatts (ensuring that the emissions will not be no greater than -140 dBm/24 MHZ at a distance of 100 feet from the building where the test is being conducted).
- (4) Staff in the area must be notified that GPS information may be impacted for periods of time.

This authorization effective March 15, 2005 and
will expire 3:00 A.M. EST September 15, 2005

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COMMUNICATIONS
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Special Conditions:

- (5) The use must only be for the purpose of testing RNSS equipment/systems.
- (6) The Stop Buzzer POC Mr. Harold Prosser at (407) 306-2221 must be available at this number during all testing.
- (7) Prior to starting testing, coordination with Eastern Area Frequency Coordinator Dick Akers, phone 321-494-5838 is required.
- (8) Lockheed Martin needs to be aware that GPS ReRads pose a hazard/interference source to GPS signals use by the public and Federal Government.