

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WA2XXR

(Call Sign)

0034-EX-RR-2005

(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(i) of the Commission's Rules

Station Locations

(1) EAGAN (DAKOTA), MN - NL 44-50-01; WL 93-10-03

Frequency Information

EAGAN (DAKOTA), MN - NL 44-50-01; WL 93-10-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	FX	180KG7W	91.2 kW (ERP)	
14-14.5 GHz	FX	538KG7W	269 kW (ERP)	
14-14.5 GHz	FX	2M15G7W	406 kW (ERP)	
14-14.5 GHz	FX	358KG7W	177 kW (ERP)	

This authorization effective March 01, 2005 and
will expire 3:00 A.M. EST March 01, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

EAGAN (DAKOTA), MN - NL 44-50-01; WL 93-10-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	FX	1M07G7W	406 kW (ERP)	
14-14.5 GHz	FX	4M30G7W	406 kW (ERP)	
14-14.5 GHz	FX	119KG7W	55.7 kW (ERP)	
14-14.5 GHz	FX	358KG7W	177 kW (ERP)	
14-14.5 GHz	FX	1M42G7W	406 kW (ERP)	
14-14.5 GHz	FX	239KG7W	111 kW (ERP)	
14-14.5 GHz	FX	717KG7W	355 kW (ERP)	
14-14.5 GHz	FX	2M85G7W	406 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.