

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KB2XOT

(Call Sign)

0101-EX-RR-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) Moorestown (BURLINGTON), NJ - NL 39-58-54; WL 74-54-49

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-54; WL 74-54-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-4200 MHz	FX	N0N	760 W (ERP)	
3300 MHz	FX	800MF3N	4.5 MW (ERP)	
4400-4990 MHz	FX	318KP0N	4.5 MW (ERP)	
4400-4990 MHz	FX	590MF3N	125 kW (ERP)	
5250-5600 MHz	FX	N0N	4.5 MW (ERP)	
5250-5600 MHz	FX	318KP0N	4.5 MW (ERP)	
5250-5600 MHz	FX	350MF3N	125 kW (ERP)	
5650-5925 MHz	FX	318KP0N	4.5 MW (ERP)	
6000-6500 MHz	FX	N0N	20 W (ERP)	
6000-6500 MHz	FX	318KP0N	20 W (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.

This authorization effective August 01, 2004 and
will expire 3:00 A.M. EST August 01, 2006

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) 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.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Navy contract number N00024-99-9-5386 . The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.