

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

EXPERIMENTAL  
(Nature of Service)  
  
XD      FX MO  
(Class of Station)

WL2XCH  
(Call Sign)  
  
0529-EX-CR-2026  
(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(j) of the Commission's Rules

Station Locations

- (1) Orlando (ORANGE), FL - NL 28-26-45; WL 81-27-33
- (2) Orlando (ORANGE), FL - NL 28-23-58; WL 81-04-54; MOBILE: Orlando, FL, within 5.8 km, centered around NL 28-23-58; WL 81-04-54
- (3) Crestview (OKALOOSA), FL - NL 30-46-30; WL 86-31-27; MOBILE: Crestview, FL, within 92 km, centered around NL 30-46-30; WL 86-31-27

Frequency Information

Orlando (ORANGE), FL - NL 28-26-45; WL 81-27-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1789.833 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1815.167 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1828.5 MHz   | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |

This authorization effective August 01, 2026 and  
will expire 3:00 A.M. ET August 01, 2028

FEDERAL  
COMMUNICATIONS  
COMMISSION



## Frequency Information

Orlando (ORANGE), FL - NL 28-26-45; WL 81-27-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1841.833 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 2232.5 MHz   | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |
| 2258.5 MHz   | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |
| 3135 MHz     | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |
| 3195 MHz     | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |
| 4460 MHz     | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |
| 4760 MHz     | FX            | 60M0G1D             | 1.995 W (ERP)    |                           |

Orlando (ORANGE), FL - NL 28-23-58; WL 81-04-54; MOBILE: Orlando, FL, within 5.8 km, centered around NL 28-23-58; WL

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1789.833 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1815.167 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |

## Frequency Information

Orlando (ORANGE), FL - NL 28-23-58; WL 81-04-54; MOBILE: Orlando, FL, within 5.8 km, centered around NL 28-23-58; WL

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1828.5 MHz   | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1841.833 MHz | FX            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 2232.5 MHz   | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |
| 2258.5 MHz   | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |
| 3135 MHz     | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |
| 3195 MHz     | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |
| 4460 MHz     | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |
| 4760 MHz     | FX            | 60M0G1D             | 1.95 W (ERP)     |                           |

Crestview (OKALOOSA), FL - NL 30-46-30; WL 86-31-27; MOBILE: Crestview, FL, within 92 km, centered around NL 30-46-3

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1789.833 MHz | MO            | 14M6G1D             | 32.58 W (ERP)    |                           |

## Frequency Information

Crestview (OKALOOSA), FL - NL 30-46-30; WL 86-31-27; MOBILE: Crestview, FL, within 92 km, centered around NL 30-46-3

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1815.167 MHz | MO            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1828.5 MHz   | MO            | 14M6G1D             | 32.58 W (ERP)    |                           |
| 1841.833 MHz | MO            | 14M6G1D             | 32.58 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.
- (3) Subject to coordination with the Eastern Area Frequency Coordinator located at Patrick AFB, FL, prior to use within the area bounded by 24 N 31 30'N and 77 W 83 W.
- (4) Operations subject to immediate adjustment, including cessation, if they result in harmful interference to the operations in the Kennedy Space Center.