

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WB2XGB

(Call Sign)

0180-EX-RR-2014

(File Number)

NAME Raytheon Missile Systems

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) MOBILE: Tucson, AZ (aircraft 3048 meters AGL), within 120 km, centered around NL 32-06-24; WL 110-56-12

Frequency Information

MOBILE: Tucson, AZ (aircraft 3048 meters AGL), within 120 km, centered around NL 32-06-24; WL 110-56-12

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 80-86 GHz   | MO            | 2G00D1N             | 50 MW (ERP)      |                           |
| 92-100 GHz  | MO            | 2G00D1N             | 50 MW (ERP)      |                           |
| 102-105 GHz | MO            | 2G00D1N             | 50 MW (ERP)      |                           |

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

This authorization effective June 01, 2014 and  
will expire 3:00 A.M. EST June 01, 2015

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee shall comply with the coordination requirements of section 101.1523 of the FCC rules.
- (5) Stop buzzer is Mr. Tom Fagan at (520) 794-0227 and (520) 465-7087.