

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

EXPERIMENTAL

(Nature of Service)

WB2XGB

(Call Sign)

XD MO

(Class of Station)

0331-EX-CR-2021

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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) 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 June 01, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**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) Licensee shall comply with the coordination requirements of section 101.1523 of the FCC rules.
- (5) Stop buzzer is Mr. Jim Ortega at (520) 794-0227.