

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WP9XEE

(Call Sign)

0240-EX-TC-2019

(File Number)

NAME Raytheon Company

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.

Station Locations

(1) MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

Frequency Information

MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
375 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
394.4 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
422 MHz	MO	40K0F9D 180KF9D	1800 W (ERP)	

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST February 21, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Tucson, AZ, within 0.7 km, centered around NL 32-05-42; WL 110-57-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
422 MHz	MO	1M00F9D	1800 W (ERP)	
449 MHz	MO	40K0F9D 180KF9D 1M00F9D	1800 W (ERP)	
10.175-10.5 GHz	MO	1K00N0N 4M00N0N 300MF3N	24.45 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) 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) A Stop Buzzer POC must be provided to the DOD AFC AZ at least 96 hours prior to any intended use of requested frequencies and a test schedule for 375 MHz, 394.4 MHz, 422 MHz, AND 449 MHz must be provided by contacting the DOD AFC AZ office at 520-538-6423 or 520-538-6424.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) Stop Buzzer Points of Contact are Jim Ortega at (520) 794-0227; and Charles Sarver at (505) 220-9999.