

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

EXPERIMENTAL
(Nature of Service)

WK2XMZ
(Call Sign)

XD MO
(Class of Station)

0518-EX-CR-2020
(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.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Ridgecrest, CA, within 160 km, centered around NL 35-37-18; WL 117-40-09
- (2) MOBILE: Baker, CA, within 160 km, centered around NL 35-21-06; WL 116-11-33

Frequency Information

MOBILE: Ridgecrest, CA, within 160 km, centered around NL 35-37-18; WL 117-40-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.425 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
7.65 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	

This authorization effective November 01, 2020 and
will expire 3:00 A.M. EST November 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Ridgecrest, CA, within 160 km, centered around NL 35-37-18; WL 117-40-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.15 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
9.185 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
9.34 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
10.175 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
10.55 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	

Frequency Information

MOBILE: Ridgecrest, CA, within 160 km, centered around NL 35-37-18; WL 117-40-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.05 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
12.175 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	

MOBILE: Baker, CA, within 160 km, centered around NL 35-21-06; WL 116-11-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.425 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
7.65 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
8.15 MHz	MO	24K0J3E	250 W (ERP)	

Frequency Information

MOBILE: Baker, CA, within 160 km, centered around NL 35-21-06; WL 116-11-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.15 MHz	MO	24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
9.185 MHz	MO	24K0F1B 24K0J2B 24K0J3E 24K0A3E 24K0A1A	250 W (ERP)	
9.34 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
10.175 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
10.55 MHz	MO	24K0J3E 24K0A3E 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	

Frequency Information

MOBILE: Baker, CA, within 160 km, centered around NL 35-21-06; WL 116-11-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.05 MHz	MO	24K0J3E 24K0A3A 24K0A1A 24K0F1B 24K0J2B	250 W (ERP)	
12.175 MHz	MO	24K0F1B 24K0J3E 24K0A3A 24K0A1A 24K0J2B	250 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The stop Buzzer is Tom Latreille at (310) 647-7132 or (818) 738-4539.