

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

EXPERIMENTAL

(Nature of Service)

WK2XDK

(Call Sign)

XD MO

(Class of Station)

0278-EX-CN-2019

(File Number)

NAME MITRE

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: Bedford. MA, within 60 km, centered around NL 42-30-19; WL 71-14-06
- (2) MOBILE: Bedford. MA, within 60 km, centered around NL 42-30-18; WL 71-14-05

Frequency Information

MOBILE: Bedford. MA, within 60 km, centered around NL 42-30-19; WL 71-14-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.525-10.68 GHz	MO	1M00W7W	562 kW (ERP)	
10.7-10.725 GHz	MO	1M00W7W	562 kW (ERP)	

This authorization effective June 07, 2019 and
will expire 3:00 A.M. EST June 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bedford, MA, within 60 km, centered around NL 42-30-18; WL 71-14-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5645-5655 MHz	MO	1M00W7W	500 kW (ERP)	0.01 %
10095-10105 MHz	MO	1M00W7W	500 kW (ERP)	0.01 %

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR. Part 101.103(d) prior to commencing the test operations.
- (5) Experimental station shall use the minimum power level necessary to close the communications link to minimize potential interference to licensed users.
- (6) Operation is not permitted in 10.68-10.70 GHz band.