

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XYB

(Call Sign)

0566-EX-CN-2021

(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 0.31 km, centered around NL 42-30-14; WL 71-14-05

Frequency Information

MOBILE: Bedford, MA, within 0.31 km, centered around NL 42-30-14; WL 71-14-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2300 MHz	MO	50M0M7W	0.5 W (ERP)	0.001 %
2400-2600 MHz	MO	50M0M7W	0.5 W (ERP)	0.001 %
4500-4900 MHz	MO	50M0M7W	0.5 W (ERP)	0.001 %
5500-6000 MHz	MO	50M0M7W	0.5 W (ERP)	0.001 %

This authorization effective August 06, 2021 and
will expire 3:00 A.M. EST February 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bedford, MA, within 0.31 km, centered around NL 42-30-14; WL 71-14-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10-10.4 GHz	MO	50M0M7W	0.5 W (ERP)	0.001 %
15-15.4 GHz	MO	50M0M7W	0.5 W (ERP)	0.001 %
16.2-18 GHz	MO	50M0M7W	0.5 W (ERP)	0.001 %

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) The frequency band 16-16.2 GHz shall be notched out.