

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WL2XBG

(Call Sign)

0464-EX-CN-2020

(File Number)

NAME MIT Wireless Center

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: New York state
- (2) MOBILE: United States (All 50), within 2700 km, centered around NL 39-50-00; WL 98-35-00
- (3) MOBILE: United States (All 50)

Frequency Information

MOBILE: New York state

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.46-7.25 GHz	MO	1G79F8N	70 uW (ERP)	

MOBILE: United States (All 50), within 2700 km, centered around NL 39-50-00; WL 98-35-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.46-7.25 GHz	MO	1G79F8N	70 uW (ERP)	

This authorization effective May 29, 2020 and
will expire 3:00 A.M. EST June 01, 2022

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COMMUNICATIONS
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Frequency Information

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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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) MIT Wireless Center must be made aware that development in the requested 5.46-7.25 GHz band may not be authorized.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) All of the experimental devices will be under control of MIT Wireless Center and they will be retrieved by MIT Wireless Center from the participants upon completion of the experiment.