

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

EXPERIMENTAL
(Nature of Service)

XD FX
(Class of Station)

WQ2XOS
(Call Sign)

0640-EX-CN-2026
(File Number)

NAME MIT Lincoln Laboratory

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) New Castle (ROCKINGHAM), NH - NL 43-04-14; WL 70-42-38

Frequency Information

New Castle (ROCKINGHAM), NH - NL 43-04-14; WL 70-42-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60-61 GHz	FX	100MM3N	10 kW (ERP)	0.05 %
68-69 GHz	FX	100MM3N	10 kW (ERP)	0.05 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."

This authorization effective June 29, 2026 and
will expire 3:00 A.M. EST July 01, 2027

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Special Conditions:

- (4) Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
Frequency Bands: 59.3-65.0 GHz (space-to-space)(Call sign S3210)
Licensee: Logos Space Services, Inc. Phone Number: 650-732-6560
ATTN: Milo Medin E-Mail: medin@logospace.com
- (5) Operation in the 60-61 GHz frequency band must comply with footnotes 5.558 and 5.559 of Section 2.106 of the Commission's rules.
- (6) Operation in the 68-69 GHz frequency band must comply with footnotes 5.558 and 5.553 of Section 2.106 of the Commission's rules.