

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

EXPERIMENTAL
(Nature of Service)

XD FX
(Class of Station)

WK2XDU
(Call Sign)

0372-EX-CR-2026
(File Number)

NAME General Dynamics Mission Systems

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(h) of the Commission's Rules

Station Locations
(1) Taunton, MA - NL 41-57-03; WL 71-07-51
Frequency Information

Taunton, MA - NL 41-57-03; WL 71-07-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1850 MHz	FX	4M47W7D 8M95W7D 18M0W7D 20M0W7D 40M0W7D	1000 W (ERP)	1.0E-6 %
2200-2300 MHz	FX	18M0W7D 20M0W7D 40M0W7D 4M40W7D 8M95W7D	100 W (ERP)	1.0E-6 %

This authorization effective June 01, 2026 and
will expire 3:00 A.M. EST June 01, 2028

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Taunton, MA - NL 41-57-03; WL 71-07-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	FX	4M47W7D 8M95W7D 18M0W7D 20M0W7D 40M0W7D	100 W (ERP)	1.0E-6 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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 occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Stop Buzzer POC is Greg Barrett
Phone: 508-880-4079
- (5) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, or claim protection from, any other lawfully operating stations. General Dynamics Mission Systems should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.
- (6) General Dynamics Mission Systems ensure that all receiving earth stations at sites provided in Section 8.3.15 of the NTIA Manual for 2200-2290 MHz do not experience harmful interference from experimental operations authorized herein.
- (7) General Dynamics Mission Systems should be aware that long-term use of the requested equipment is not possible as there are currently no regulatory provisions for non-Federal operations in the 2200- 2290 or 4400-4940 MHz bands within the US, nor are there regulatory provisions for wireless cellular network operations in the 2200-2290 or 4400-4940 MHz bands within the US. Future requests for operational use of this equipment, to add additional locations for experimentation, or to extend the expiration date will not be approved for these bands.
- (8) General Dynamics Mission Systems is strictly limited to ground-based and line-of-sight operations.
- (9) General Dynamics Mission Systems be aware that Footnote 5.391, which indicates that high-density mobile systems may not be used in the 2200-2290 MHz band, applies to all future requests for renewal or extension. Additionally, future federal missions brought-into-use after grant of this authorization may also prohibit extension or renewal.