

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

EXPERIMENTAL

(Nature of Service)

WQ2XJE

(Call Sign)

XD MO

(Class of Station)

0083-EX-CN-2026

(File Number)

NAME General Atomics Aeronautical Systems, Inc.

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: Borrego Springs, CA, 65km radius, 15kft MSL max, within 65 km, centered around NL 33-15-21; WL 116-22-30

Frequency Information

MOBILE: Borrego Springs, CA, 65km radius, 15kft MSL max, within 65 km, centered around NL 33-15-21; WL 116-22-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-17.7 GHz	MO		2906447 W (ERP)	0.0005 %
		1G88Q3N		
		1G56Q3N		
		636MQ3N		
		295MQ3N		

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.

This authorization effective July 24, 2026 and
will expire 3:00 A.M. ET August 01, 2028

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) 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: 17.3-17.7 GHz (s-E) (Call sign S2797, S2930)

Frequency Bands: 17.3-17.8 GHz (E-s) (Call sign S2673, S2694, S2632)

Licensee: DIRECTV Enterprises, LLC

ATTN: Mr. Navid Motamed. Phone Number: 310-964-3589 E-Mail:

nm704u@att.com and DirecTV/AT&T. Mr. Raquel Noriega Email:

raquel.noriega@att.com

Frequency Bands: 17.3-17.8 GHz (E-s) (Call sign S3093)

Licensee: EchoStar BSS Corporation Phone Number: 202-463-3709

Frequency Bands: 17.3-17.7 GHz (s-E) (Call sign S2811)

Licensee: EchoStar Satellite Operating Corporation Phone Number: 202-463-3709

Frequency Bands: 17.3-17.8 GHz (E-s) (Call sign S2738, S2790, S00728, S00728)

Frequency Bands: 17.3-17.7 GHz (s-E) (Call sign E140100)

Licensee: DISH Operating L.L.C. Phone Number: 202-463-3709

ATTN: Ms. Alison Minea, E-Mail: Alison.Minea@dish.com

Frequency Bands: 17.8-18.8 GHz (s-E) (Call sign S3016)

Licensee: Intelsat License LLC Phone Number: 703—559—7799

ATTN: Mr. W. Ray Rutngamlug, E—Mail: ray.rutngamlugintelsat.com

- (4) License is not permitted to operate on the frequencies 17.7-18.24 GHz.
- (5) Stop Buzzer POC is Chanie Pinkerton 858.239.5364.
- (6) When within 215 NM (398 km) of coordinates N33-56-33 W118-24-29, blank any transmissions that fall within 15 degrees of the 3-D heading from those coordinates. When within 215 NM (398 km) of coordinates N32-44-01 W117-11-23, blank any transmissions that fall within 15 degrees of the 3-D heading from those coordinates.