

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WA8XEA

(Call Sign)

1408-EX-ST-2026

(File Number)

NAME Ericsson

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The testing will demonstrate the use of airborne cellular base stations and investigate the potential to use this type of operation for disaster relief and first responder communications.

Station Locations

- (1) Weberville, TX - NL 30-12-25; WL 97-26-42; MOBILE: Within 5 km of coordinates, within 5 km, centered around NL 30-12-25; WL 97-26-42

Frequency Information

Weberville, TX - NL 30-12-25; WL 97-26-42; MOBILE: Within 5 km of coordinates, within 5 km, centered around NL 30-12-25;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	MO	10M0G7D	30.5 W (ERP)	

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 must coordinate its operations in the CBRS band (3550-3700 MHz) with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.

This authorization effective August 19, 2026 and
will expire 3:00 A.M. ET February 20, 2027

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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: 2000-4000 MHz (S-band) (Call sign S3213)

Licensee: Spire Global, Inc. Phone Number: 415-356-3400

ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: 3625-3700 MHz (s-E) (Call sign S2870)

Licensee: SES Americom, Inc. Phone Number: 202-280-8657

ATTN: Mr. Daniel C.H. Mah, E-Mail: daniel.mah@ses.com

Frequency Bands: 3400-3700 MHz (s-E) (Call sign S2887, S2924)

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

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

Frequency Bands: 3600-3700 MHz (s-E) (Call sign S2932)

Licensee: Inmarsat Group Holdings Limited Phone Number: 703-223-9927

ATTN: Mr. Brennan Price, E-Mail: Brennan.Price@inmarsat.com

- (4) Stop Buzzer POC: Kevin Linehan, 708-704-7296.
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.