

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WA8XBE

(Call Sign)

1110-EX-ST-2026

(File Number)

NAME ThinKom Solutions, Inc.

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:

ThinKom requests this STA to demonstrate and evaluate performance and suitability of the ThinKom Ka2517 antenna to assess the antenna's suitability to support satellite communications

Station Locations

- (1) Barksdale Air Force (BOSSIER), LA - NL 32-30-03; WL 93-39-44
- (2) Hawthorne (LOS ANGELES), CA - NL 33-54-00; WL 118-21-49

Frequency Information

Barksdale Air Force (BOSSIER), LA - NL 32-30-03; WL 93-39-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28600-29100 MHz	FX	18M0G7W	54000 W (ERP)	0.001 %
29500-30000 MHz	FX	18M0G7W	54000 W (ERP)	0.001 %

This authorization effective July 23, 2026 and
will expire 3:00 A.M. ET December 17, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hawthorne (LOS ANGELES), CA - NL 33-54-00; WL 118-21-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28600-29100 MHz	FX	18M0G7W	54000 W (ERP)	0.001 %
29500-30000 MHz	FX	18M0G7W	54000 W (ERP)	0.001 %

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) ThinKom Solutions, Inc. is authorized to perform fixed testing using its ThinKom Ka2517 Ka-band satellite antenna. Ground fixed testing will occur within 1.6 km from each of the following locations listed below. The antenna will communicate with the geostationary orbit (GSO) SES-17 (Call Sign S3043) satellite using 28.6-29.1 GHz and 29.5-30.0 frequency bands (Earth-to-space).

Site Geographical Coordinates City State Radius (km)

32° 30' 03.09" N 93° 39' 44.05" W Barksdale AFB LA 1.6
33° 54' 00.47" N 118° 21' 48.67" W Hawthorne CA 1.6

- (3) Experimental operations outside of the United States are not authorized.
- (4) The applicant will comply with the out of band emissions limits specified in Section 25.202 of the Commission's Rules regarding frequency tolerance and emission limits. Respectfully
- (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.
- (6) Stop Buzzer Contact: Gary Redman
305 Starling Lane, Franklin, Tennessee 37064
Phone: (805) 630-4126 Email: gary.redman@thinkom.com