

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WA8XGB

(Call Sign)

1223-EX-ST-2026

(File Number)

NAME MatrixSpace 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:

Operation to test up to 8 devices: 4 devices operating in the 24.45-24.65 GHz band and 4 devices operating in the 9.5-9.8 GHz band. Each set of 4 devices provides 360 degrees of coverage. Only

Station Locations

- (1) MOBILE: with in .5km of 42-6-52N, 86-28-29, within 0.5 km, centered around NL 42-06-52; WL 86-28-29

Frequency Information

MOBILE: with in .5km of 42-6-52N, 86-28-29, within 0.5 km, centered around NL 42-06-52; WL 86-28-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-9.8 GHz	MO	200MF3N 80M0D2D 23M0P0N 43M0P0N	1600 W (ERP)	
24.45-24.65 GHz	MO	43M0P0N 23M0P0N 80M0D2D	68 W (ERP)	

This authorization effective August 04, 2026 and
will expire 3:00 A.M. ET August 08, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: with in .5km of 42-6-52N, 86-28-29, within 0.5 km, centered around NL 42-06-52; WL 86-28-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.45-24.65 GHz	MO	200MF3N	68 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) 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: 9200-10550 MHz (Call sign S2946)
Licensee: Spire Global, Inc. Phone Number: 415-356-3400
ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: 9500-9800 MHz (s-E)(Call sign S3067)
Frequency Bands: 9300-9900 MHz (s-E), (Call sign S3082)
Frequency Bands: 9200-10400 MHz (Call sign S3165, S3224, S00757, S00806)
Licensee: ICEYE US, Inc. Phone Number: 757-493-1387
ATTN: Ms. Leola Moss Phone E-Mail: Leola.Moss@ICEYE.us
ATTN: DirecTV/AT&T. Mr. Raquel Noriega Email: raquel.noriega@att.com)

Frequency Bands: 9300-9900 MHz (Call sign S3137, S3178)
Frequency Bands: 9300-10000 MHz (Call sign S3162)
Licensee: Capella Space Corp. Phone Number: 703-962-0364
ATTN: Mr Daniel J Connors Jr. E-Mail: dan.connors@capellaspace.com

Frequency Bands: 9200-10400 MHz (Call sign S3095, S3168, S3186, S3220)
Licensee: Umbra Lab Inc., Phone Number: 805-270-5069
ATTN: Ms Iulia Davies E-Mail: iulia.davies@umbra.space

- (3) Stop Buzzer Information: To terminate transmissions if interference occurs is David Cameron at (408) 761-2923.