

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

EXPERIMENTAL

(Nature of Service)

WA8XHI

(Call Sign)

XT MO

(Class of Station)

1522-EX-ST-2026

(File Number)

NAME MISSION CONTROL NORTH AMERICA, 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:

Remote video and communications at live event entertainment production.

Station Locations

- (1) MOBILE: Rock Lititz, Lititz PA, within 0.1 km, centered around NL 40-10-27; WL 76-18-47

Frequency Information

MOBILE: Rock Lititz, Lititz PA, within 0.1 km, centered around NL 40-10-27; WL 76-18-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7125-7250 MHz	MO	10M0D7W	0.1 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.

This authorization effective August 12, 2026 and
will expire 3:00 A.M. ET August 25, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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: 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: 2200-2290 MHz (s-E) (Call sign S3032)
Licensee: BlackSky Global LLC. Phone Number: 203 815 4378
ATTN: Jenifer Lamie E-Mail: jlamie@blacksky.com

Frequency Bands: 2200-2290 MHz (s-E) (Call sign S3042)
Licensee: HawkEye 360, Inc. , Phone Number: 571-203-0360
ATTN: Mr. Rob Rainhart, E-Mail: rob@he360.com

Frequency Bands: 2200-2290 MHz (Call sign S3170, S3184)
Licensee: Loft Orbital Solutions Inc. Phone Number: 410-382-5050
ATTN: Alex Greenberg E-Mail: alex@loftorbital.com

Frequency Bands: 2200-2290 MHz (Call sign S3084, S3201)
Licensee: Intuitive Machines Phone Number: 202-373-6140
ATTN: Mr. David Pattillo E-Mail: dpattillo@intuitivemachines.com

Frequency Bands: 2200-2290 MHz (Call sign S3186, S3220)
Licensee: Umbra Lab Inc Phone Number: 805-270-5069
ATTN: Ms Iulia Davies E-Mail: iulia.davies@umbra.space

Frequency Bands: 2200-2290 MHz (Call sign S3204)
Licensee: Vast Space LLC Phone Number: 310-220-0300
ATTN: Mr Brad Powell E-Mail: brad@vastspace.com

Frequency Bands: : 2200-2290 MHz (Call sign S3206)
Licensee: Blue Origin, LLC Phone Number: 253-437-9300 x19758
ATTN: Nicole Walters E-Mail: nwalters@blueorigin.com

Frequency Bands: 2200-2290 MHz (s-E) (Call sign S3208)
Licensee: Albedo Space Corp. Phone Number: 626-500-8977
ATTN: Mr Kevin W. Kloster E-Mail: kevin@albedo.com

Frequency Bands: : 2200-2290 MHz (s-E) Call sign S3216)
Licensee: Space Exploration Holdings, LLC, Phone Number: 202-649-2700
ATTN: Mr David Goldman, E-Mail: david.goldman@spacex.com

Frequency Bands: 2200-2290 MHz (s-E) (Call sign S00733)
Licensee: Venturi Astrolab, Inc. Phone Number: 323-675-0266
ATTN: Mr. Kevin Drumm E-Mail: kevin@astrolab.space

Special Frequency Bands: 2200-2290 MHz (s-E) (Call sign S00739)

Licensee: Space Logistics, LLC Phone Number: 703-406-5000

ATTN: Mr. Joseph Anderson E-Mail: Joseph.Anderson@orbitalatk.com

Frequency Bands: 2200-2290 MHz (s-E) (Call sign S00770)

Licensee: Katalyst Space Technologies Phone Number: 9283517544

ATTN: Mr. Andrew Sabovik E-Mail: andrew.sabovik@katalystspace.com

- (3) MISSION CONTROL NORTH AMERICA, INC. should be aware that this request, and any similar future requests, may encounter harmful interference and cannot claim protection from Earth-to-space transmissions operated by Space Research Service (SRS) and Earth Exploration-Satellite Service (EESS) systems in the 7145–7250 MHz band.