

**Narrative**  
**Request for Special Temporary Authority**  
**Call Sign E240003**

Viasat, Inc. (“Viasat”) hereby requests special temporary authority (“STA”) for sixty (60) days commencing on May 3, 2026, to operate a transmit/receive earth station in North Pole, AK with the MX3 and TAVH NGSO satellites operated by True Anomaly, Inc. (“True Anomaly”).<sup>1</sup> Viasat has filed an application for permanent authority to communicate with the True Anomaly NGSO satellites using portions of the 2025-2110 MHz (Earth-to-space) and 8025-8400 MHz (space-to-Earth) band segments<sup>2</sup> and the Commission has previously granted Viasat temporary authority to operate the earth station with other satellites under the same technical parameters specified herein.<sup>3</sup> The MX3 satellite is scheduled for launch on May 3, 2026. Grant of the STA would serve the public interest by enabling Viasat to provide critical communications links to True Anomaly’s satellites, including telemetry, tracking and control, while Viasat’s underlying request for permanent authority remains pending.

All operations under the STA would be consistent with the technical parameters set forth in Viasat’s pending earth station application and with the terms and conditions of the experimental space station authorizations held by True Anomaly.<sup>4</sup> For reference attached hereto are the relevant application materials submitted with Viasat’s initial application along with relevant supplemental filings.

Viasat would operate pursuant to the STA on a non-protected, non-harmful interference basis. In the unlikely event of harmful interference caused by Viasat’s operations under the STA, Viasat would take steps to eliminate such interference, including termination of transmissions if needed. The U.S. point of contact available 24 hours a day, seven days a week, with authority and ability to cease emissions is:

349 Inverness Drive South  
Englewood, CO 80112  
Tel: 720-493-7300

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<sup>1</sup> See 47 C.F.R. § 25.120.

<sup>2</sup> See Viasat, Inc., Call Sign E240003, ICFS File No. SES-AMD-20260220-00924 (filed Apr. 20, 2026). The Schedule B for the amendment is attached hereto for reference.

<sup>3</sup> See, e.g., Viasat, Inc., Call Sign E240003, ICFS File Nos. SES-STA-20240227-00616 (granted Jul. 1, 2024); SES-STA-20240823-01854 (granted Nov. 20, 2024); SES-STA-20250514-00684 (granted Aug. 22, 2025).

<sup>4</sup> See True Anomaly, Inc., Call Sign WP2XYJ, ELS File No. 0787-EX-CN-2025 (grant effective Jan. 28, 2026) (grant for MX3 satellite); True Anomaly, Inc., Call Sign WP2XXL, ELS File No. 0687-EX-CN-2025 (grant effective Jan. 27, 2026) (grant for TAVH satellite). The EIRP density included in this STA request is consistent with prior grants of STA associated with this earth station, but is lower than the EIRP density included in True Anomaly’s experimental space station authorizations. The experimental authorizations for the True Anomaly satellites are attached hereto for reference.

| Site(s) Information                                                                                                                                                           |  |  |  |  |  |  |  |  |  |                                  |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|----------------------------------|------|
| Site Identifier                                                                                                                                                               |  |  |  |  |  |  |  |  |  | North Pole                       | TT&C |
| Contact Name                                                                                                                                                                  |  |  |  |  |  |  |  |  |  | Steven C. Hemple                 |      |
| Phone Number                                                                                                                                                                  |  |  |  |  |  |  |  |  |  | 760-476-4812                     |      |
| Street                                                                                                                                                                        |  |  |  |  |  |  |  |  |  | 1625 Richardson Hwy              |      |
| City                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | North Pole                       |      |
| County                                                                                                                                                                        |  |  |  |  |  |  |  |  |  | North Star                       |      |
| State                                                                                                                                                                         |  |  |  |  |  |  |  |  |  | 072d5cd7dbbd22008e0b75131f96190c |      |
| Zipcode                                                                                                                                                                       |  |  |  |  |  |  |  |  |  | 99705                            |      |
| Area of Operation                                                                                                                                                             |  |  |  |  |  |  |  |  |  |                                  |      |
| Latitude Degrees                                                                                                                                                              |  |  |  |  |  |  |  |  |  | 64 °                             |      |
| Latitude Minutes                                                                                                                                                              |  |  |  |  |  |  |  |  |  | 47 '                             |      |
| Latitude Seconds                                                                                                                                                              |  |  |  |  |  |  |  |  |  | 37 "                             |      |
| Latitude Hemisphere                                                                                                                                                           |  |  |  |  |  |  |  |  |  | N                                |      |
| Longitude Degrees                                                                                                                                                             |  |  |  |  |  |  |  |  |  | 147 °                            |      |
| Longitude Minutes                                                                                                                                                             |  |  |  |  |  |  |  |  |  | 32 '                             |      |
| Longitude Seconds                                                                                                                                                             |  |  |  |  |  |  |  |  |  | 10 "                             |      |
| Longitude Hemisphere                                                                                                                                                          |  |  |  |  |  |  |  |  |  | W                                |      |
| Geographic Coordinate System                                                                                                                                                  |  |  |  |  |  |  |  |  |  | NAD-83                           |      |
| Site Elevation (AMSL)                                                                                                                                                         |  |  |  |  |  |  |  |  |  | 143.8 meters                     |      |
| 1) If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain         |  |  |  |  |  |  |  |  |  |                                  | N/ A |
| 2) If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non- geostationary satellites, |  |  |  |  |  |  |  |  |  |                                  | Yes  |
| 3) Is Frequency Coordination required?                                                                                                                                        |  |  |  |  |  |  |  |  |  |                                  | Yes  |
| 4) Is coordination with another country required?                                                                                                                             |  |  |  |  |  |  |  |  |  |                                  | No   |
| 5) Is FAA notification required?                                                                                                                                              |  |  |  |  |  |  |  |  |  |                                  | No   |
| Is facility operated by remote control?                                                                                                                                       |  |  |  |  |  |  |  |  |  |                                  | Yes  |

| Remote Control |      |              |        |        |               |       |           |          |       |       |               |
|----------------|------|--------------|--------|--------|---------------|-------|-----------|----------|-------|-------|---------------|
| Call           | Sign | Phone        | Number | Street |               | City  | County    | Zip      | Code  | State | Country       |
|                |      | 720-493-7300 |        | 349    | Inverness Dr. | South | Englewood | Arapahoe | 80112 | CO    | United States |

| Antenna(s)                                                                            |              |           |              |                     |                     |                                      |                                                      |                                       |                                               |                                                       |              |
|---------------------------------------------------------------------------------------|--------------|-----------|--------------|---------------------|---------------------|--------------------------------------|------------------------------------------------------|---------------------------------------|-----------------------------------------------|-------------------------------------------------------|--------------|
| Antenna ID                                                                            | Manufacturer | Model     | Antenna Size | Minor Axes (meters) | Major Axes (meters) | Maximum Height Above Ground (meters) | Maximum Antenna Height Above Mean Sea Level (meters) | Building Height Above Ground (meters) | Maximum Antenna Height Above Rooftop (meters) | Total Input Power at Antenna for All Carriers (Watts) | Power Flange |
| <div> <div>▼</div> <div>Site Id: North Pole TT&amp;C</div> <div>(1 item)</div> </div> |              |           |              |                     |                     |                                      |                                                      |                                       |                                               |                                                       |              |
| Viasat 7.3                                                                            | Viasat, Inc. | 7.3 meter | 7.3 meters   | 7.3 meters          | 7.3 meters          | 6 meters                             | 151.1 meters                                         | 0 meters                              | 0 meters                                      | 12.1 Watts                                            |              |

| Frequency Band(s)                                             |  |  |  |  |                       |  |  |                           |  |           |  |           |  |                     |  |              |  |              |  |
|---------------------------------------------------------------|--|--|--|--|-----------------------|--|--|---------------------------|--|-----------|--|-----------|--|---------------------|--|--------------|--|--------------|--|
| Frequency Lower (MHz)                                         |  |  |  |  | Frequency Upper (MHz) |  |  | Direction of Transmission |  | Gain      |  | At        |  | Polarization        |  | Polarization |  | Polarization |  |
| ▼ Site Id: North Pole TT&C - Antenna Id: Viasat 7.3 (3 items) |  |  |  |  |                       |  |  |                           |  |           |  |           |  |                     |  |              |  |              |  |
| 8475 MHz                                                      |  |  |  |  | 8500 MHz              |  |  | Space- to- Earth          |  | 54.84 dBi |  | 8.48 GHz  |  | Right Hand Circular |  | -- None --   |  | -- None --   |  |
| 8025 MHz                                                      |  |  |  |  | 8400 MHz              |  |  | Space- to- Earth          |  | 54.6 dBi  |  | 8.025 GHz |  | Right Hand Circular |  | -- None --   |  | -- None --   |  |
| 2025 MHz                                                      |  |  |  |  | 2110 MHz              |  |  | Earth- to- Space          |  | 41 dBi    |  | 2.047 GHz |  | Elliptic, Left      |  | -- None --   |  | -- None --   |  |

| Operating Particulars(s) |            |     |       |      |      |   |         |         |        |     |         |         |         |         |           |      |         |         |         |            |           |           |        |
|--------------------------|------------|-----|-------|------|------|---|---------|---------|--------|-----|---------|---------|---------|---------|-----------|------|---------|---------|---------|------------|-----------|-----------|--------|
| Emission                 | Designator |     |       |      |      |   |         | Maximum | EIRP   | per | Carrier | (dBW)   | Maximum | EIRP    | Density   | per  | Carrier | (dBW/   | 4kHz)   | Modulation | and       | Services  | Status |
| ▼                        | Site       | Id: | North | Pole | TT&C | - | Antenna | Id:     | Viasat | 7.3 | -       | 8475MHz | -       | 8500MHz | (1 item)  |      |         |         |         |            |           |           |        |
| 15M5G1D                  |            |     |       |      |      |   |         |         |        |     |         |         |         |         |           |      |         |         |         |            | TT&C      | Requested |        |
| ▼                        | Site       | Id: | North | Pole | TT&C | - | Antenna | Id:     | Viasat | 7.3 | -       | 8025MHz | -       | 8400MHz | (2 items) |      |         |         |         |            |           |           |        |
| 8M00G1D                  |            |     |       |      |      |   |         |         |        |     |         |         |         |         |           |      |         |         |         |            | TT&C      | Requested |        |
| 800KG1D                  |            |     |       |      |      |   |         |         |        |     |         |         |         |         |           |      |         |         |         |            | TT&C      | Requested |        |
| ▼                        | Site       | Id: | North | Pole | TT&C | - | Antenna | Id:     | Viasat | 7.3 | -       | 2025MHz | -       | 2110MHz | (4 items) |      |         |         |         |            |           |           |        |
| 216KG1D                  |            |     |       |      |      |   |         |         |        |     |         |         | 45.14   | dBW     | 27.816    | dBW/ | 4kHz    | Digital | command | carrier    | Requested |           |        |
| 1M20G1D                  |            |     |       |      |      |   |         |         |        |     |         |         | 52.59   | dBW     | 27.818    | dBW/ | 4kHz    | Digital | command | carrier    | Requested |           |        |
| 1M35G1D                  |            |     |       |      |      |   |         |         |        |     |         |         | 53.1    | dBW     | 27.817    | dBW/ | 4kHz    | Digital | command | carrier    | Requested |           |        |
| 192KG1D                  |            |     |       |      |      |   |         |         |        |     |         |         | 44.63   | dBW     | 27.817    | dBW/ | 4kHz    | Digital | command | carrier    | Requested |           |        |

Point(s) of Communication)

| Satellite                            | Common | Name | ITU   | Name | Orbit | Location | Country                  | Destination | Point |
|--------------------------------------|--------|------|-------|------|-------|----------|--------------------------|-------------|-------|
| ▼ Site Id: North Pole TT&C (3 items) |        |      |       |      |       |          |                          |             |       |
| OTHER   OTHER   NGSO                 | MX3    |      | MX3   |      | NGSO  |          | United States of America |             |       |
| OTHER   OTHER   NGSO                 | TAVH   |      | TAVH  |      | NGSO  |          | United States of America |             |       |
| OTHER   OTHER   NGSO                 | OTHER  |      | OTHER |      | NGSO  |          | -- None --               |             |       |

| Satellite |               | Coordination           |         |           |            |                        |           |            |         |                        |     |         |       |                         |                 |                 |                         |                 |                 |                             |               |               |         |                             |               |               |         |       |
|-----------|---------------|------------------------|---------|-----------|------------|------------------------|-----------|------------|---------|------------------------|-----|---------|-------|-------------------------|-----------------|-----------------|-------------------------|-----------------|-----------------|-----------------------------|---------------|---------------|---------|-----------------------------|---------------|---------------|---------|-------|
|           |               | Range of Satellite Arc |         |           |            | Range of Satellite Arc |           |            |         | Range of Satellite Arc |     |         |       | Antenna Elevation Angle |                 |                 | Antenna Elevation Angle |                 |                 | Earth Station Azimuth Angle |               |               |         | Earth Station Azimuth Angle |               |               |         |       |
| Satellite | Orbit         | Type                   | Eastern | Limit     | Arc        | Eastern                | Limit     | Hemisphere | Western | Limit                  | Arc | Western | Limit | Hemisphere              | Antenna Eastern | Elevation Limit | Angle                   | Antenna Western | Elevation Limit | Angle                       | Earth Eastern | Station Limit | Azimuth | Angle                       | Earth Western | Station Limit | Azimuth | Angle |
| ▼         | Site          | Id: North Pole         | TT&C    | - Antenna | Id: Viasat | 7.3 - 8475MHz          | - 8500MHz | (1 item)   |         |                        |     |         |       |                         |                 |                 |                         |                 |                 |                             |               |               |         |                             |               |               |         |       |
| Non-      | Geostationary |                        |         |           |            |                        |           |            |         |                        |     |         |       |                         | 10              |                 |                         | 10              |                 |                             | 0             |               |         |                             | 359.9         |               |         |       |
| ▼         | Site          | Id: North Pole         | TT&C    | - Antenna | Id: Viasat | 7.3 - 8025MHz          | - 8400MHz | (1 item)   |         |                        |     |         |       |                         |                 |                 |                         |                 |                 |                             |               |               |         |                             |               |               |         |       |
| Non-      | Geostationary |                        |         |           |            |                        |           |            |         |                        |     |         |       |                         | 10              |                 |                         | 10              |                 |                             | 0             |               |         |                             | 359.9         |               |         |       |
| ▼         | Site          | Id: North Pole         | TT&C    | - Antenna | Id: Viasat | 7.3 - 2025MHz          | - 2110MHz | (1 item)   |         |                        |     |         |       |                         |                 |                 |                         |                 |                 |                             |               |               |         |                             |               |               |         |       |
| Non-      | Geostationary |                        |         |           |            |                        |           |            |         |                        |     |         |       |                         | 10              |                 |                         | 10              |                 |                             | 0             |               |         |                             | 359.9         |               |         |       |

Attachments

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

EXPERIMENTAL  
(Nature of Service)  
  
XC      FX MO  
(Class of Station)

WP2XYJ  
(Call Sign)  
  
0787-EX-CN-2025  
(File Number)

NAME True Anomaly, 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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Non-Geostationary, SP
- (2) Fairbanks, AK - NL 64-49-04; WL 147-43-09
- (3) Maui, HI - NL 20-44-42; WL 156-26-12
- (4) Talkeetna, AK - NL 62-19-59; WL 150-01-54
- (5) Columbus, OH - NL 40-06-03; WL 83-11-51
- (6) Portland, OR - NL 45-51-16; WL 119-37-55
- (7) Prudhoe Bay, AK - NL 70-12-14; WL 148-28-24
- (8) North Pole, AK - NL 64-47-37; WL 147-32-10
- (9) MOBILE: Non-Geostationary, SP
- (10) MOBILE: Non-Geostationary, SP

Frequency Information

MOBILE: Non-Geostationary, SP

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 15490 MHz | MO            | 180MP0X             | 18.4 W (ERP)     |                           |

This authorization effective January 28, 2026 and  
will expire 3:00 A.M. EST February 28, 2028

FEDERAL  
COMMUNICATIONS  
COMMISSION



## Frequency Information

Fairbanks, AK - NL 64-49-04; WL 147-43-09

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 15311 W (ERP)    |                           |

Maui, HI - NL 20-44-42; WL 156-26-12

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 60910 W (ERP)    |                           |

Talkeetna, AK - NL 62-19-59; WL 150-01-54

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 60910 W (ERP)    |                           |

Columbus, OH - NL 40-06-03; WL 83-11-51

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D             | 61017 W (ERP)    |                           |

## Frequency Information

Columbus, OH - NL 40-06-03; WL 83-11-51

| Frequency  | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|-------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

Portland, OR - NL 45-51-16; WL 119-37-55

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

Prudhoe Bay, AK - NL 70-12-14; WL 148-28-24

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

North Pole, AK - NL 64-47-37; WL 147-32-10

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D  | 122103 W (ERP)   |                           |

## Frequency Information

North Pole, AK - NL 64-47-37; WL 147-32-10

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 192KG1D<br>216KG1D  | 122103 W (ERP)   |                           |

MOBILE: Non-Geostationary, SP

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 8487 MHz  | MO            | 15M5G1D<br>15M5G1D  | 12.2 W (ERP)     |                           |

MOBILE: Non-Geostationary, SP

| Frequency | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|------------------------------------------|------------------|---------------------------|
| 2225 MHz  | MO            | 441KG1D<br>2M80G1D<br>2M80G1D<br>441KG1D | 1 W (ERP)        |                           |

## Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (3) Upon receipt of a conjunction warning from the JSpOC or other source, the licensee must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.
- (4) POINT-OF-COMMUNICATIONS: MX3 satellite
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Space Force, contract number FA8819-24-9-0002. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and numerated above.
- (6) This operation is for experimental purposes only; provision of services is not permitted. Widely divergent and unrelated experiments must not be conducted under this license. Experimental licensees are not permitted to provide commercial service, charge fees, or receive payments for products or services of operation.
- (7) This authorization expires at the conclusion of mission operations or on 28 February 2028, whichever occurs first. Numerous factors such as future Federal space missions brought-into-use after the grant of this authorization may prohibit its extension or renewal.
- (8) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, or claim protection from, any other lawfully operating stations. True Anomaly should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.
- (9) Earth-to-space transmissions in the 2025-2110 MHz band are strictly limited to use of a center frequency of 2080.2 MHz and emission bandwidths of 192 kHz, 216 kHz, 1.2 MHz, or 1.35 MHz.
- (10) When overlapping the 2079.525-2079.75 MHz range, True Anomaly shall ensure that earth station transmissions are ceased when the STPSat-6 (NORAD ID: 49817) spacecraft is within 10 degrees of the earth station antenna boresight. This limitation to all earth stations with line-of-sight visibility to STPSat-6.
- (11) Space-to-Earth transmissions in the 2200-2290 MHz band are strictly limited to use of a center frequency of 2225 MHz and an emission bandwidth of 441 kHz or 2.8 MHz. Furthermore, no space-to-Earth transmissions are authorized to US&P earth stations in this band.
- (12) True Anomaly shall ensure that spacecraft transmissions centered at 2225 MHz are ceased when any of the conjunction angles formed by the MX3 satellite, the TRACERS (NORAD ID: 64873) satellite, and the following locations on the surface of the Earth (angle vertexes) are less than or equal to 10 degrees: 29° 02' 45" S 115° 20' 55" E, 52° 56' 06" S 70° 52' 12" W, 67° 53' 23" N 21° 03' 57" E, or 33° 09' 04" S 70° 39' 59" W.

**Special Conditions:**

- (13) Space-to-Earth transmissions in the 8450-8500 MHz band are strictly limited to use of a center frequency of 8487 MHz and an emission bandwidth of 15.5 MHz. True Anomaly should be aware that use of bandwidths that exceed 10 MHz will result in major electromagnetic compatibility issues with current and future space systems and is not in accordance with Recommendation SFCG 5-1R7. True Anomaly should have no expectation that future requests for more than 10 MHz, including renewal or extension of this license, will be considered or approved.
- (14) True Anomaly shall ensure that spacecraft transmissions centered at 8487 MHz are ceased when the conjunction angle formed by the MX3 satellite, the IRIS (NORAD ID: 39197) satellite, and the following location on the surface of the Earth (angle vertex) is less than or equal to 7 degrees: 64° 51' 33" N 147° 51' 04" W.
- (15) All Earth-to-space and space-to-Earth transmissions shall be strictly limited to time durations when the MX3 satellite is within line-of-sight of its corresponding authorized earth station locations.
- (16) In accordance with Footnote 5.511F, operations under this grant shall not exceed the power flux-density level of -156 dB(W/m<sup>2</sup>) in the frequency band 15.35-15.4 GHz at any radio astronomy observatory site for more than 2 per cent of the time.
- (17) True Anomaly shall submit the appropriate Advance Publication Information (API) to the ITU Radiocommunications Bureau (BR) prior to operations of the MX3 satellite, and transmissions from foreign earth stations to the MX3 satellite shall obtain the appropriate regulatory approvals from the respective foreign administrations prior to operations.
- (18) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to radio astronomy RX operations assignments.
- (19) Stop buzzers, DJ Mucha (603) 300-8599 and Kyle Zakrzewski (651) 894-3380.
- (20) The applicant must coordinate with the local Society of Broadcast Engineers Frequency Coordinator in each proposed area prior to accessing to 2078-2082 MHz band.

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

EXPERIMENTAL  
(Nature of Service)  
  
XC      FX MO  
(Class of Station)

WP2XXL  
(Call Sign)  
  
0687-EX-CN-2025  
(File Number)

NAME True Anomaly, 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(c) of the Commission's Rules

Station Locations

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- (2) Fairbanks, AK - NL 64-49-04; WL 147-43-09
- (3) Maui, HI - NL 20-44-42; WL 156-26-12
- (4) Talkeetna, AK - NL 62-19-59; WL 150-01-54
- (5) Columbus, OH - NL 40-06-03; WL 83-11-51
- (6) Portland, OR - NL 45-51-16; WL 119-37-55
- (7) Prudhoe Bay, AK - NL 70-12-14; WL 148-28-24
- (8) North Pole, AK - NL 64-47-37; WL 147-32-10
- (9) MOBILE: Nongeostationary, SP
- (10) MOBILE: Nongeostationary, SP

Frequency Information

MOBILE: Nongeostationary, SP

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 15490 MHz | MO            | 180MP0X             | 18.4 W (ERP)     |                           |

This authorization effective January 27, 2026 and  
will expire 3:00 A.M. EST February 28, 2028

FEDERAL  
COMMUNICATIONS  
COMMISSION



## Frequency Information

Fairbanks, AK - NL 64-49-04; WL 147-43-09

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 15311 W (ERP)    |                           |

Maui, HI - NL 20-44-42; WL 156-26-12

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 60910 W (ERP)    |                           |

Talkeetna, AK - NL 62-19-59; WL 150-01-54

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 60910 W (ERP)    |                           |

Columbus, OH - NL 40-06-03; WL 83-11-51

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D             | 61017 W (ERP)    |                           |

## Frequency Information

Columbus, OH - NL 40-06-03; WL 83-11-51

| Frequency  | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|-------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

Portland, OR - NL 45-51-16; WL 119-37-55

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

Prudhoe Bay, AK - NL 70-12-14; WL 148-28-24

| Frequency  | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|------------------------------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D<br>192KG1D<br>216KG1D | 61017 W (ERP)    |                           |

North Pole, AK - NL 64-47-37; WL 147-32-10

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 1M20G1D<br>1M35G1D  | 122103 W (ERP)   |                           |

## Frequency Information

North Pole, AK - NL 64-47-37; WL 147-32-10

| Frequency  | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|------------|---------------|---------------------|------------------|---------------------------|
| 2080.2 MHz | FX            | 192KG1D<br>216KG1D  | 122103 W (ERP)   |                           |

MOBILE: Nongeostationary, SP

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 8487 MHz  | MO            | 15M5G1D<br>15M5G1D  | 12.2 W (ERP)     |                           |

MOBILE: Nongeostationary, SP

| Frequency | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|------------------------------------------|------------------|---------------------------|
| 2225 MHz  | MO            | 441KG1D<br>2M80G1D<br>2M80G1D<br>441KG1D | 1 W (ERP)        |                           |

## Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (3) Upon receipt of a conjunction warning from the JSpOC or other source, the licensee must review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.
- (4) POINT-OF-COMMUNICATIONS: TAVH satellite
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Space Force, contract number FA8819-24-9-0002. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and numerated above.
- (6) This operation is for experimental purposes only; provision of services is not permitted. Widely divergent and unrelated experiments must not be conducted under this license. Experimental licensees are not permitted to provide commercial service, charge fees, or receive payments for products or services of operation.
- (7) This authorization expires at the conclusion of mission operations or on 28 February 2028, whichever occurs first. Numerous factors such as future Federal space missions brought-into-use after the grant of this authorization may prohibit its extension or renewal.
- (8) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, or claim protection from, any other lawfully operating stations. True Anomaly should be aware that other stations may be licensed on and nearby these frequencies and if any interference occurs, they will be subject to immediate shut down.
- (9) Earth-to-space transmissions in the 2025-2110 MHz band are strictly limited to use of a center frequency of 2080.2 MHz and emission bandwidths of 192 kHz, 216 kHz, 1.2 MHz, or 1.35 MHz.
- (10) When overlapping the 2079.525-2079.75 MHz range, True Anomaly shall ensure that earth station transmissions are ceased when the STPSat-6 (NORAD ID: 49817) spacecraft is within 10 degrees of the earth station antenna boresight. This limitation to all earth stations with line-of-sight visibility to STPSat-6.
- (11) Space-to-Earth transmissions in the 2200-2290 MHz band are strictly limited to use of a center frequency of 2225 MHz and an emission bandwidth of 441 kHz or 2.8 MHz. Furthermore, no space-to-Earth transmissions are authorized to US&P earth stations in this band.
- (12) True Anomaly shall ensure that spacecraft transmissions centered at 2225 MHz are ceased when any of the conjunction angles formed by the TAVH satellite, the TRACERS (NORAD ID: 64873) satellite, and the following locations on the surface of the Earth (angle vertexes) are less than or equal to 10 degrees: 29° 02' 45" S 115° 20' 55" E, 52° 56' 06" S 70° 52' 12" W, 67° 53' 23" N 21° 03' 57" E, or 33° 09' 04" S 70° 39' 59" W.

**Special Conditions:**

- (13) Space-to-Earth transmissions in the 8450-8500 MHz band are strictly limited to use of a center frequency of 8487 MHz and an emission bandwidth of 15.5 MHz. True Anomaly should be aware that use of bandwidths that exceed 10 MHz will result in major electromagnetic compatibility issues with current and future space systems and is not in accordance with Recommendation SFCG 5-1R7. True Anomaly should have no expectation that future requests for more than 10 MHz, including renewal or extension of this license, will be considered or approved.
- (14) True Anomaly shall ensure that spacecraft transmissions centered at 8487 MHz are ceased when the conjunction angle formed by the TAVH satellite, the IRIS (NORAD ID: 39197) satellite, and the following location on the surface of the Earth (angle vertex) is less than or equal to 7 degrees: 64° 51' 33" N 147° 51' 04" W.
- (15) All Earth-to-space and space-to-Earth transmissions shall be strictly limited to time durations when the TAVH satellite is within line-of-sight of its corresponding authorized earth station locations.
- (16) In accordance with Footnote 5.511F, operations under this grant shall not exceed the power flux-density level of -156 dB(W/m<sup>2</sup>) in the frequency band 15.35-15.4 GHz at any radio astronomy observatory site for more than 2 per cent of the time.
- (17) True Anomaly shall submit the appropriate Advance Publication Information (API) to the ITU Radiocommunications Bureau (BR) prior to operations of the TAVH satellite, and transmissions from foreign earth stations to the TAVH satellite shall obtain the appropriate regulatory approvals from the respective foreign administrations prior to operations.
- (18) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to radio astronomy RX operations assignments.
- (19) Stop buzzers, DJ Mucha (603) 300-8599 and Kyle Zakrzewski (651) 894-3380.
- (20) The applicant must coordinate with the local Society of Broadcast Engineers Frequency Coordinator in each proposed area prior to accessing to 2078-2082 MHz band.