

Narrative
Request for Special Temporary Authority
Call Sign E240003

Viasat, Inc. (“Viasat”) hereby requests special temporary authority (“STA”) for one hundred and eighty (180) days 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”).¹ 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 segments² and the Commission has previously granted Viasat temporary authority to operate the earth station with other satellites under the same technical parameters specified herein.³ 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.⁴ 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

¹ See 47 C.F.R. § 25.120.

² 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.

³ 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).

⁴ 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	Comments	
	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 Ground (meters)	Antenna Above Level	Maximum Height Sea Level	Antenna Mean (meters)	Building Above Level	Height Ground (meters)	Maximum Height Rooftop	Antenna Above (meters)	Total at for (Watts)	Input All Carriers	Power Flange	
▼ Site Id: North Pole TT&C		(1 item)																		
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																										
Satellite	Orbit	Type	Range Eastern	of Satellite Limit	Arc	Range Eastern	of Satellite Limit	Arc Hemisphere	Range Western	of Satellite Limit	Arc	Range Western	of Satellite Limit	Arc 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 1M35G1D 192KG1D 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 1M35G1D 192KG1D 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 1M35G1D 192KG1D 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 192KG1D 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 1M35G1D 192KG1D 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 1M35G1D 192KG1D 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 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 216KG1D	122103 W (ERP)	

MOBILE: Non-Geostationary, SP

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

MOBILE: Non-Geostationary, SP

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2225 MHz	MO	441KG1D 2M80G1D 2M80G1D 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/m²) 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

- (1) MOBILE: Nongeostationary, 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: 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 1M35G1D 192KG1D 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 1M35G1D 192KG1D 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 1M35G1D 192KG1D 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 192KG1D 216KG1D	61017 W (ERP)	

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- (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.