



ATLAS Space Operation, LLC
10850 E. Traverse Highway, Suite 3355
Traverse City, Michigan 49684-1363

August 11, 2026

TO: Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Request for Special Temporary Authority

Dear Ms. Dortch,

Pursuant to Section 25.120 of the Commission's Rules, ATLAS Space Operations, Inc (ATLAS) requests Special Temporary Authority (STA) for one hundred eighty (180) days or until a fixed license is granted, commencing upon grant for the operation of our satellite earth station in Haleiwa, Hawaii to communicate with the U.S. Air Force Academy FALCONSAT 6 (SPS-21202/4) and Falconsat X (SPS-26353/1) spacecraft. This request is of a temporary nature to cover the period of time until the pending SES-LIC-20260611-01745 is acted on and a new full earth station license application can be submitted to include these points of communication.

Licensed: FALCONSAT 6 (SPS-21202/4) and Falconsat X (SPS-26353/1)

Launch date: currently on orbit

ATLAS earth station location: 21-40-14.1 N, 158-02-07.1 W (Haleiwa, Hawaii)

Frequency Coordination: report attached dated June 24, 2026 including coordination with Society of Broadcast Engineers.

Transmission Direction	Satellite	Lower	Center Frequency (MHz)	Upper	Emission	Polarity	Max EIRP per carrier (dBW)	Max EIRP density per carrier (dBW/4kHz)
earth-to-space	Falconsat 6 Falconsat X	2109.745	2109.75	2109.755	10K0G1D	RHCP	59.9	55.9
space-to-earth	Falconsat 6 Falconsat X	2287.834	2288.0	2288.166	166KF1D	RHCP	-	-

Operation of the Hawaii earth station will enable frequent, predictable contact with the spacecraft to support potential collision avoidance, perform payload operations and orbit maintenance, and eventually safely deorbit.

If approved, communications will be on a secondary non-interference basis and we will discontinue operation in the event of any reported interference.

24 hour contact information for the Hawaii earth station is as follows: +1 231 598 6184 x222



ATLAS Space Operation, LLC
10850 E. Traverse Highway, Suite 3355
Traverse City, Michigan 49684-1363

Clint Schlegel, +1 231 631 5983, clint.schlegel@atlasspace.com

Operations Office - +1 231 598 6184 x 222 or
+1 877 392 8527 x 222
ops@atlasspace.com

Respectfully Submitted,

Clint Schlegel

Clint Schlegel
Head of Licensing and Regulatory
ATLAS Space Operations

Enclosure: 1) Hawaii frequency coordination report dated June 24, 2026

FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT

Prepared for
Atlas Space Operations, Inc.
HALEIWA, HI
Satellite Earth Station

Prepared By:
COMSEARCH
21515 Ridgetop Circle, Suite 300
Sterling, VA 20166
June 24, 2026

TABLE OF CONTENTS

1. CONCLUSIONS 3

2. SUMMARY OF RESULTS 4

3. SUPPLEMENTAL SHOWING 5

4. EARTH STATION COORDINATION DATA..... 7

5. CERTIFICATION..... 12

1. CONCLUSIONS

An interference study considering all existing, proposed and prior coordinated microwave facilities within the coordination contours of the proposed earth station demonstrates that this site will operate satisfactorily with the common carrier microwave environment. Further, there will be no restrictions of its operation due to interference considerations.

2. SUMMARY OF RESULTS

A number of great circle interference cases were identified during the interference study of the proposed earth station. Each of the cases, which exceeded the interference objective on a line-of-sight basis, was profiled and the propagation losses estimated using NBS TN101 (Revised) techniques. The losses were found to be sufficient to reduce the signal levels to acceptable magnitudes in every case.

3. SUPPLEMENTAL SHOWING

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations.

Coordination data for this earth station was sent to the below listed carriers with a letter dated 05/21/2026.

Company

3G Wireless, LLC
Aerial Video Systems
Alascom Inc
Ascent Media Network Services, LLC
Bellsouth Telecommunications, Inc.
Borgeson, Tom R.
Broadcast Sports Inc.
Carolina Telephone and Telegraph Co
Casper, John
CenturyTel of the Southwest, Inc.
Chicago Comnet Corp
Cincinnati Bell Wireless LLC
Citywide News Network, Inc.
Cowboys Stadium LP
DCI II, INC.
Direct Broadcast Services, Inc.
Frontier California Inc.
Global Telecom & Technology Americas, Inc.
Goodyear Tire & Rubber Company
Gray Television Licensee, LLC
HF Enterprises, Inc
Hallco Unlimited, Inc.
Hawaii Public Television Foundation
Hawaiian Telecom Inc.
Heiden, William
Illinois Bell Telephone Company
Indiana Bell Telephone Company
Information & Display Systems, Inc.
Information Super Station, LLC
International Communications Group, Inc.
KITV, Inc
Kentucky RSA #3 Cellular General Partner
Kentucky RSA #4 Cellular General Partner
Lumen Technologies Inc
MERCURY COMMUNICATIONS
Michigan Bell Telephone Company
Moreen, Steven K
NEW ENGLAND DIGITAL DISTRIBUTION, INC.
NSM Surveillance
Navajo Communications Company

Nexstar Media Inc.
NorthWest Suburbs Community Access Corp
Ohio Bell GTelephone Company
Onboard Images
Pacific Bell Tel Com dba AT&T California
Penn Service Microwave Co., Inc.
Plateau Telecommunications, Inc.
Plum TV, LLC
Production & Satellite Services, Inc.
Quick Link Connections Inc.
Qwest Corporation
RCC Minnesota Inc. - MN NE ND SD
RF Central, LLC
RF Film, Inc
Radiofone, Inc.
Randy Hermes Production
Remote Broadcasts, Inc.
Remote Facilities Consulting Services
SBE coordinator
Southwestern Bell Telephone L.P.
Speedshotz, Inc
TTWN Networks, LLC
Unisat, Inc.
United Telephone - Southeast
VERIZON SOUTH INC.
Verizon Maryland, Inc.
Verizon New England Inc.
Verizon New Jersey, Inc.
Verizon New York, Inc.
Verizon North Inc.
Verizon Northwest Inc.
Verizon Pennsylvania, Inc.
Verizon Virginia, Inc.
Verizon Washington DC, Inc.
Winged Vision Inc
Wisconsin Bell Telephone Company
Wolfe Air Aviation

4. EARTH STATION COORDINATION DATA

This section presents the data pertinent to frequency coordination of the proposed earth station that was circulated to all carriers within its coordination contours.

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 <http://www.comsearch.com>

Date: 06/24/2026
Job Number: 260521COMSGE06

Administrative Information

Status: ENGINEER PROPOSAL
Call Sign:
Licensee Code: ATLSPC
Licensee Name: Atlas Space Operations, Inc.

Site Information

HALEIWA, HI

Venue Name:
Latitude (NAD 83): 21° 40' 14.1" N
Longitude (NAD 83): 158° 2' 7.1" W
Climate Zone: C
Rain Zone: 4
Ground Elevation (AMSL): 149.6 m / 490.8 ft

Link Information

Satellite Type: Low Earth Orbit
Mode: TO - Transmit-Only
Modulation: Digital
Minimum Elevation Angle: 5.0°
Azimuth Range: 0.0° to 360°
Antenna Centerline (AGL): 6.0 m / 19.7 ft

Frequency Information

Transmit 2.0 GHz

Manufacturer: Viasat
Model: 7.3FPA
Gain / Diameter: 39.4 dBi / 7.3 m
3-dB / 15-dB Beamwidth: 1.60° / 2.00°

Max Available RF Power: (dBW/4 kHz) 21.3
(dBW/MHz) 45.3

Maximum EIRP: (dBW/4 kHz) 60.7
(dBW/MHz) 84.7

Interference Objectives: Long Term -154.0 dBW/4 kHz 20%
Short Term -131.0 dBW/4 kHz 0.0025%

Frequency Information

Transmit 2.0 GHz

Emission / Frequency Range (MHz)
10K0F1D / 2026.995 – 2027.005
200KF1D / 2026.9 – 2027.1
4M50G1D / 2035.25 – 2039.75
40K0G1D / 2037.48 – 2037.52
2M66G1D / 2045.17 – 2047.83
1M33G1D / 2045.835 – 2047.165
170KG1D / 2046.415 – 2046.585
512KG1D / 2046.744 – 2047.256
32K0G1D / 2046.984 – 2047.016
2M66G1D / 2047.97 – 2050.63
200KF1D / 2048.4 – 2048.6
10K0F1D / 2048.495 – 2048.505
1M00G1D / 2048.5 – 2049.5
2M00G1D / 2048.5 – 2050.5
1M33G1D / 2048.635 – 2049.965
700KG1D / 2048.65 – 2049.35
140KG1D / 2048.6796 – 2048.8204
1M50G1D / 2048.75 – 2050.25
140KG1D / 2048.7796 – 2048.9204
440KG1D / 2048.78 – 2049.22
140KG1D / 2048.8796 – 2049.0204
100KG1D / 2048.95 – 2049.05
140KG1D / 2048.9796 – 2049.1204

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147

(703)726-5500 <http://www.comsearch.com>

700KG1D / 2049.15 - 2049.85
170KG1D / 2049.215 - 2049.385
440KG1D / 2049.28 - 2049.72
240KG1D / 2049.38 - 2049.62
160KG1D / 2049.42 - 2049.58
80K0G1D / 2049.46 - 2049.54
1M00G1D / 2049.5 - 2050.5
700KG1D / 2049.65 - 2050.35
440KG1D / 2049.78 - 2050.22
140KG1D / 2049.8796 - 2050.0204
100KG1D / 2049.95 - 2050.05
140KG1D / 2049.9796 - 2050.1204
140KG1D / 2050.0796 - 2050.2204
140KG1D / 2050.1796 - 2050.3204
180KG1D / 2052.01 - 2052.19
120KG1D / 2052.04 - 2052.16
180KG1D / 2052.91 - 2053.09
120KG1D / 2052.94 - 2053.06
100KG1D / 2052.95 - 2053.05
50K0G1D / 2052.975 - 2053.025
40K0G1D / 2052.98 - 2053.02
180KG1D / 2053.61 - 2053.79
120KG1D / 2053.64 - 2053.76
200KG1D / 2054.525 - 2054.725
500KG1D / 2059.75 - 2060.25
2M66G1D / 2061.37 - 2064.03
1M33G1D / 2062.035 - 2063.365
170KG1D / 2062.615 - 2062.785
180KG1D / 2063.875 - 2064.055
120KG1D / 2063.905 - 2064.025
180KG1D / 2064.875 - 2065.055
120KG1D / 2064.905 - 2065.025
180KG1D / 2065.875 - 2066.055
120KG1D / 2065.905 - 2066.025
2M66G1D / 2066.87 - 2069.53
1M33G1D / 2067.535 - 2068.865
170KG1D / 2068.115 - 2068.285
675KG1D / 2068.6625 - 2069.3375
270KG1D / 2068.865 - 2069.135
135KG1D / 2068.9325 - 2069.0675
200KF1D / 2071.775 - 2071.975
2M66G1D / 2073.67 - 2076.33
1M33G1D / 2074.335 - 2075.665
170KG1D / 2074.915 - 2075.085
2M66G1D / 2076.07 - 2078.73
1M33G1D / 2076.735 - 2078.065
170KG1D / 2077.315 - 2077.485
100KG7D / 2079.95 - 2080.05
200KG1D / 2080.9 - 2081.1
1M25G1D / 2095.875 - 2097.125
1M20G1D / 2095.9 - 2097.1
800KG1D / 2097.1 - 2097.9
400KG1D / 2097.3 - 2097.7
100KG1D / 2097.45 - 2097.55
1M25G1D / 2097.875 - 2099.125
1M20G1D / 2097.9 - 2099.1
200KF1D / 2102.9 - 2103.1
10K0F1D / 2102.995 - 2103.005
10K0G1D / 2109.745 - 2109.755

Max Great Circle Coordination Distance
Precipitation Scatter Contour Radius

220.0 km / 136.7 mi
348.5 km / 216.5 mi

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 <http://www.comsearch.com>

Coordination Values

HALEIWA, HI

Licensee Name Atlas Space Operations, Inc.
Latitude (NAD 83) 21° 40' 14.1" N
Longitude (NAD 83) 158° 2' 7.1" W
Ground Elevation (AMSL) 149.6 m / 490.8 ft
Antenna Centerline (AGL) 6.0 m / 19.7 ft
Antenna Model Viasat 7.3FPA
Antenna Mode Transmit 2.0 GHz
Interference Objectives: Long Term -154.0 dBW/4 kHz 20%
Short Term -131.0 dBW/4 kHz 0.0025%
Max Available RF Power 21.3 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 2.0 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	72.41	3.20	220.00
5	0.00	70.74	3.20	220.00
10	0.00	69.21	3.20	220.00
15	0.00	67.83	3.20	220.00
20	0.00	66.61	3.20	220.00
25	0.00	65.58	3.20	220.00
30	0.00	64.73	3.20	220.00
35	0.00	64.09	3.20	220.00
40	0.00	63.66	3.20	220.00
45	0.00	63.44	3.20	220.00
50	0.00	63.44	3.20	220.00
55	0.27	63.93	3.20	220.00
60	0.28	64.36	3.20	220.00
65	0.29	65.00	3.20	220.00
70	0.58	66.10	3.20	220.00
75	0.85	67.33	3.20	220.00
80	1.13	68.74	3.20	220.00
85	1.44	70.29	3.20	220.00
90	1.69	71.91	3.20	220.00
95	2.02	73.68	3.20	220.00
100	2.53	75.62	3.20	220.00
105	2.71	77.43	3.20	220.00
110	2.60	79.17	3.20	220.00
115	3.31	81.29	3.20	220.00
120	3.10	83.11	3.20	220.00
125	2.98	85.02	3.20	220.00
130	3.13	87.01	3.20	220.00
135	2.99	88.99	3.20	220.00
140	2.77	91.00	3.20	220.00
145	2.07	93.09	3.20	220.00
150	2.19	95.12	3.20	220.00
155	1.96	97.19	3.20	220.00
160	2.36	99.03	3.20	220.00
165	2.42	100.89	3.20	220.00
170	2.13	102.84	3.20	220.00
175	2.17	104.57	3.20	220.00
180	2.01	106.31	3.20	220.00
185	1.80	108.00	3.20	220.00

COMSEARCH

Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147
(703)726-5500 <http://www.comsearch.com>

Coordination Values

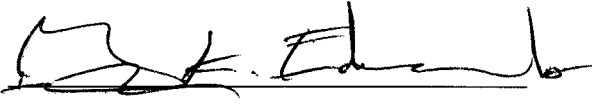
HALEIWA, HI

Licensee Name Atlas Space Operations, Inc.
Latitude (NAD 83) 21° 40' 14.1" N
Longitude (NAD 83) 158° 2' 7.1" W
Ground Elevation (AMSL) 149.6 m / 490.8 ft
Antenna Centerline (AGL) 6.0 m / 19.7 ft
Antenna Model Viasat 7.3FPA
Antenna Mode Transmit 2.0 GHz
Interference Objectives: Long Term -154.0 dBW/4 kHz 20%
Short Term -131.0 dBW/4 kHz 0.0025%
Max Available RF Power 21.3 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 2.0 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	1.61	109.56	3.20	220.00
195	1.42	111.01	3.20	220.00
200	1.07	112.46	3.20	220.00
205	0.85	113.65	3.20	220.00
210	0.46	114.83	3.20	220.00
215	0.28	115.64	3.20	220.00
220	0.00	116.34	3.20	220.00
225	0.00	116.56	3.20	220.00
230	0.00	116.56	3.20	220.00
235	0.00	116.35	3.20	220.00
240	0.00	115.92	3.20	220.00
245	0.00	115.27	3.20	220.00
250	0.00	114.43	3.20	220.00
255	0.00	113.40	3.20	220.00
260	0.00	112.19	3.20	220.00
265	0.00	110.81	3.20	220.00
270	0.00	109.28	3.20	220.00
275	0.00	107.61	3.20	220.00
280	0.00	105.82	3.20	220.00
285	0.00	103.93	3.20	220.00
290	0.00	101.94	3.20	220.00
295	0.00	99.87	3.20	220.00
300	0.00	97.75	3.20	220.00
305	0.00	95.57	3.20	220.00
310	0.00	93.36	3.20	220.00
315	0.00	91.13	3.20	220.00
320	0.00	88.89	3.20	220.00
325	0.00	86.66	3.20	220.00
330	0.00	84.45	3.20	220.00
335	0.00	82.28	3.20	220.00
340	0.00	80.15	3.20	220.00
345	0.00	78.08	3.20	220.00
350	0.00	76.09	3.20	220.00
355	0.00	74.20	3.20	220.00

5. CERTIFICATION

I HEREBY CERTIFY THAT I AM THE TECHNICALLY QUALIFIED PERSON RESPONSIBLE FOR THE PREPARATION OF THE FREQUENCY COORDINATION DATA CONTAINED IN THIS APPLICATION, THAT I AM FAMILIAR WITH PARTS 101 AND 25 OF THE FCC RULES AND REGULATIONS, THAT I HAVE EITHER PREPARED OR REVIEWED THE FREQUENCY COORDINATION DATA SUBMITTED WITH THIS APPLICATION, AND THAT IT IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: 

Gary K. Edwards
Senior Manager
COMSEARCH
21515 Ridgetop Circle, Suite 300
Sterling, VA 20166

DATED: June 24, 2026