



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: ViaSat, Inc.

Call Sign: E050318

Authorization Type: Modification of License

File Number: SES-MFS-20200204-00112

Non Common Carrier

Grant date: 11/13/2020

Expiration Date: 11/20/2022

Nature of Service: Earth Station Aboard Aircraft

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	Airborne 1	Carlsbad, San Diego, CA 92009				NA
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
2)	Airborne 2	US and adjacent waters				NA
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
3)	ESIM-1	Alaska, Hawaii,				NA
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
4)	ESIM-2	US&P, Global Airspace				NA
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
5)	ESIM-3	US&P, Global Airspace				NA
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				



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Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning November 20, 2007 (3 AM Eastern Standard Time) and ending November 20, 2022 (3 AM Eastern Standard Time). The required date of completion of construction and commencement of operation is November 13, 2021 (3 AM Eastern Standard Time). Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	14400.0000-14500.0000	H, V	28M8G7D	Tx	37.75	-0.82	1000009		GMSK, Direct Sequence Spread Spectrum
2)	14000.0000-14500.0000	H, V	14M4G7D	Tx	37.75	2.19	1000009		GMSK, Direct Sequence Spread Spectrum
3)	14000.0000-14500.0000	H, V	36M0G7D	Tx	37.75	-1.79	1000009		GMSK, Direct Sequence Spread Spectrum
4)	11700.0000-12200.0000	H, V	36M0G7D	Rx			1000009		QPSK, Direct Sequence Spread Spectrum
5)	14000.0000-14500.0000	H, V	14M4G7D	Tx	39.50	3.94	1060076		GMSK, Direct Sequence Spread Spectrum and Internet Access
6)	14000.0000-14500.0000	H, V	28M8G7D	Tx	39.50	0.93	1060076		GMSK, Direct Sequence Spread Spectrum and Internet Access
7)	14000.0000-14500.0000	H, V	36M0G7D	Tx	39.50	-0.04	1060076		GMSK, Direct Sequence Spread Spectrum and Internet Access
8)	11700.0000-12200.0000	H, V	36M0G7D	Rx			1060076		QPSK, Direct Sequence Spread Spectrum and Internet Access
9)	11450.0000-11700.0000	H, V	36M0G7D	Rx			1060076		QPSK, Direct Sequence Spread Spectrum and Internet Access
10)	14000.0000-14500.0000	H, V	18M0G7D	Tx	43.87	7.34	KuKarray		GMSK, Direct Sequence Spread Spectrum
11)	14000.0000-14500.0000	H, V	27M0G7D	Tx	43.87	5.58	KuKarray		GMSK, Direct Sequence Spread Spectrum
12)	14000.0000-14500.0000	H, V	36M0G7D	Tx	43.87	4.33	KuKarray		GMSK, Direct Sequence Spread Spectrum



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B) Particulars of Operations

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13)	14000.0000-14500.0000	H, V	6M00G7D	Tx	36.89	5.12	KuKarray		GMSK, Direct Sequence Spread Spectrum
14)	14000.0000-14500.0000	H, V	6M00G7D	Tx	43.87	12.11	KuKarray		6 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
15)	14000.0000-14500.0000	H, V	12M0G7D	Tx	45.32	12.11	KuKarray		12 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
16)	14000.0000-14500.0000	H, V	18M0G7D	Tx	45.32	10.34	KuKarray		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
17)	11450.0000-12200.0000	H, V	18M0G7D	Rx			KuKarray		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
18)	11450.0000-12200.0000	H, V	27M0G7D	Rx			KuKarray		27 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
19)	11450.0000-12200.0000	H, V	36M0G7D	Rx			KuKarray		36 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
20)	14000.0000-14500.0000	H, V	18M0G7D	Tx	39.15	2.62	VR12C		GMSK, Direct Sequence Spread Spectrum
21)	14000.0000-14500.0000	H, V	27M0G7D	Tx	39.15	0.86	VR12C		GMSK, Direct Sequence Spread Spectrum
22)	14000.0000-14500.0000	H, V	6M00G7D	Tx	32.16	0.40	VR12C		GMSK, Direct Sequence Spread Spectrum
23)	14000.0000-14500.0000	H, V	36M0G7D	Tx	39.15	-0.39	VR12C		GMSK, Direct Sequence Spread Spectrum
24)	14000.0000-14500.0000	H, V	12M0G7D	Tx	42.50	7.73	VR12C		12 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
25)	14000.0000-14500.0000	H, V	18M0G7D	Tx	42.50	5.97	VR12C		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
26)	14000.0000-14500.0000	H, V	6M00G7D	Tx	39.15	7.39	VR12C		12 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
27)	11450.0000-12200.0000	H, V	18M0G7D	Rx			VR12C		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
28)	11450.0000-12200.0000	H, V	27M0G7D	Rx			VR12C		27 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
29)	11450.0000-12200.0000	H, V	36M0G7D	Rx			VR12C		36 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
30)	14000.0000-14500.0000	H, V	18M0G7D	Tx	43.65	7.12	VR18		GMSK, Direct Sequence Spread Spectrum
31)	14000.0000-14500.0000	H, V	27M0G7D	Tx	43.65	5.36	VR18		GMSK, Direct Sequence Spread Spectrum
32)	14000.0000-14500.0000	H, V	36M0G7D	Tx	43.65	4.11	VR18		GMSK, Direct Sequence Spread Spectrum
33)	14000.0000-14500.0000	H, V	6M00G7D	Tx	36.66	4.90	VR18		GMSK, Direct Sequence Spread Spectrum
34)	14000.0000-14500.0000	H, V	18M0G7D	Tx	46.00	9.47	VR18		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
35)	14000.0000-14500.0000	H, V	6M00G7D	Tx	43.65	11.89	VR18		6 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
36)	14000.0000-14500.0000	H, V	12M0G7D	Tx	46.00	11.23	VR18		12 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
37)	11450.0000-12200.0000	H, V	18M0G7D	Rx			VR18		18 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
38)	11450.0000-12200.0000	H, V	27M0G7D	Rx			VR18		27 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier
39)	11450.0000-12200.0000	H, V	36M0G7D	Rx			VR18		36 MBd M-ary PSK Direct Sequence Spread Spectrum, Digital Carrier



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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	14000.0000-14500.0000	44.0W	190.5W	05.3	05.0	105.6	225.0	-13.51	1000009
2)	11700.0000-12200.0000	44.0W	190.5W	05.3	05.0	105.6	225.0		1000009
3)	14000.0000-14500.0000	37.5W	172.0W	05.0	05.0	102.0	256.0	-11.76	1060076
4)	11700.0000-12200.0000	37.5W	172.0W	05.0	05.0	102.0	256.0		1060076
5)	14000.0000-14500.0000	67.0W	174.0W	05.0	05.0	090.0	270.0	2.3	KuKarray
6)	11450.0000-12200.0000	10.0W	90.0W	05.0	05.0	090.0	270.0		KuKarray
7)	14000.0000-14500.0000	10.0W	90.0W	05.0	05.0	090.0	270.0	-5.11	VR18
8)	11450.0000-12200.0000	10.0W	90.0W	05.0	05.0	090.0	270.0		VR18
9)	14000.0000-14500.0000	10.0W	90.0W	05.0	05.0	090.0	270.0	-7.6	VR12C
10)	11450.0000-12200.0000	10.0W	90.0W	05.0	05.0	090.0	270.0		VR12C

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) Airborne 1 to AMC-6 (S2347) @ 139.0 degrees W.L. (U.S.-licensed)
- 2) Airborne 1 to AMC 21 (S2676) @ 124.9 degrees W.L. (United Kingdom-licensed)
- 3) Airborne 1 to EUTELSAT 174A (S2610) @ 174 degrees E.L. (formerly GE-23) (U.S.-licensed)
- 4) Airborne 1 to AMC-15 (S2180) @ 105.05 degrees W.L.(U.S.-licensed)
- 5) Airborne 1 to TELSTAR 11N (S2357) @ 37.55 degrees W.L. (U.S.-licensed)
- 6) Airborne 2 to AMC-6 (S2347) @ 139.0 degrees W.L. (U.S.-licensed)
- 7) Airborne 2 to AMC 21 (S2676) @ 124.9 degrees W.L. (United Kingdom-licensed)
- 8) Airborne 2 to AMC-15 (S2180) @ 105.05 degrees W.L.(U.S.-licensed)
- 9) Airborne 2 to EUTELSAT 174A (S2610) @ 174 degrees E.L. (formerly GE-23) (U.S.-licensed)
- 10) Airborne 2 to TELSTAR 11N (S2357) @ 37.55 degrees W.L. (U.S.-licensed)
- 11) ESIM-1 to SES-10 (S2950) @ 66.9 degrees W.L. (Colombia-licensed)
- 12) ESIM-1 to EUTELSAT 174A (S2610) @ 174 degrees E.L. (formerly GE-23) (U.S.-licensed)
- 13) ESIM-2 to Permitted Space Station List
- 14) ESIM-3 to Permitted Space Station List



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
Airborne 1	1000009	1000	0.2921	ViaSat	1000009		0 AGL/ 0 AMSL	
Max Gains(s): 29.6 dBi @ 11.9500 GHz 31.3 dBi @ 14.2500 GHz								
Maximum total input power at antenna flange (Watts) =					4.00			
Maximum aggregate output EIRP for all carriers (dBW) =					37.75			
Airborne 2	1060076	1000	0.292	ViaSat	1060076		0 AGL/ 0 AMSL	
Max Gains(s): 30.8 dBi @ 12.2000 GHz 31.8 dBi @ 14.3000 GHz								
Maximum total input power at antenna flange (Watts) =					5.66			
Maximum aggregate output EIRP for all carriers (dBW) =					39.50			
ESIM-1	KuKarray	200	0.385	Viasat, Inc.	KuKarray			
Max Gains(s): 32.4 dBi @ 11.7000 GHz 32.4 dBi @ 11.9000 GHz 32.7 dBi @ 12.2000 GHz 32.0 dBi @ 12.2000 GHz 32.5 dBi @ 11.9500 GHz 32.7 dBi @ 14.2500 GHz 32.8 dBi @ 14.0000 GHz 32.9 dBi @ 14.5000 GHz								
Maximum total input power at antenna flange (Watts) =					18.31			
Maximum aggregate output EIRP for all carriers (dBW) =					45.32			
ESIM-3	VR12C	1000	0.3	Viasat, Inc.	VR12C			
Max Gains(s): 29.6 dBi @ 11.5000 GHz 30.2 dBi @ 12.5000 GHz 29.8 dBi @ 12.0000 GHz 29.9 dBi @ 11.7500 GHz 30.0 dBi @ 12.2500 GHz 30.3 dBi @ 12.7500 GHz 31.1 dBi @ 14.0000 GHz 31.4 dBi @ 14.5000 GHz								
Maximum total input power at antenna flange (Watts) =					13.68			
Maximum aggregate output EIRP for all carriers (dBW) =					42.50			
ESIM-2	VR18	1000	0.45	Viasat, Inc.	VR18			
Max Gains(s): 33.0 dBi @ 11.5000 GHz 33.8 dBi @ 12.5000 GHz 35.0 dBi @ 14.5000 GHz 33.5 dBi @ 11.7500 GHz 33.5 dBi @ 12.0000 GHz 33.8 dBi @ 12.2500 GHz 33.9 dBi @ 12.7500 GHz 34.8 dBi @ 14.0000 GHz								
Maximum total input power at antenna flange (Watts) =					14.00			
Maximum aggregate output EIRP for all carriers (dBW) =					46.60			



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F) Remote Control Point:

Airborne 1	6155 El Camino Real Carlsbad, San Diego, CA 92009 1-888-272-7232	Call Sign: E030131
Airborne 2	6155 El Camino Real Carlsbad, San Diego, CA 92009 1-888-272-7232	Call Sign: E030131
ESIM-1	349 Inverness Drive South Englewood, Arapahoe, CO 80112 720-493-7300	Call Sign: N/A
ESIM-2	349 Inverness Drive South Englewood, Arapahoe, CO 80112 720-493-7300	Call Sign: N/A
ESIM-3	349 Inverness Drive South Englewood, Arapahoe, CO 80112 720-493-7300	Call Sign: N/A

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.

8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.

90062 --- Operation pursuant to this authorization outside the United States in the 14.0-14.5 GHz band must be in compliance with the provisions of Annex 1, Part C of Recommendation ITU-R M.1643, with respect to any radio astronomy station performing observations in the 14.47-14.5 GHz band.



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 90067 --- Operation in the territory or airspace of any country other than the United States must be in compliance with the applicable laws, regulations, and licensing procedures of that country, as well as with the conditions of this authorization.
- 90075 --- Licensee is afforded 30 days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.
- 90079 --- ESAAs in aircraft on the ground must not transmit at elevation angles less than three degrees. There is no minimum angle of antenna elevation for ESAAs while airborne.
- 90081 --- All operations shall be on a non-common carrier basis.
- 90104 --- For any new antenna authorized by this grant, the licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, Site ID, date of the license and certification that the antenna model was put into operation.
- 90105 --- Authority is granted to operate this station by remote control provided that the operator is responsible for ensuring the operations are in accordance with the terms and conditions of the license and pursuant to Section 25.271 of the Commission's rules. 47 C.F.R 25.271.
- 90116 --- The licensee must maintain a U.S. point of contact available 24 hours per day, seven days per week, with the authority and ability to terminate operations authorized herein. The licensee shall have available, at all times, the technical personnel necessary to perform supervision of remote station operations.
- 90118 --- The licensee shall comply with any pertinent limits established by the International Telecommunication Union to protect other services allocated internationally.
- 90122 --- The earth stations in this blanket license are operated by remote control. The remote control point is a material term of the license and may not be changed without prior authorization under Section 25.117 of the Commission's rules. Public Notice "The International Bureau Provides Guidance Concerning the Relocation of Earth Station Remote Control Points," DA 06-978 (rel. May 4, 2006).
- 90123 --- Operations authorized pursuant to this license are operations by U.S.-registered aircraft anywhere within the coverage area/frequency bands identified in the application for the satellites listed as points of communication. Operations authorized pursuant to this license also include operations by non-U.S.-registered aircraft within U.S. territory, including territorial waters. Authorization for operations by U.S.-registered aircraft outside U.S. territory, pursuant to this license, does not constitute a grant of access to the market in the United States under the Commission's DISCO II policies.
- 90246 --- ESAAs authorized herein must employ a tracking algorithm that is resistant to capturing and tracking adjacent satellite signals, and each station must be capable of inhibiting its own transmission in the event it detects unintended satellite tracking.



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

90247 --- ESAs authorized herein must be monitored and controlled by a ground-based network control and monitoring center. Such stations must be able to receive "enable transmission" and "disable transmission" commands from the network control center and must cease transmission immediately after receiving a "parameter change" command until receiving an "enable transmission" command from the network control center. The network control center must monitor operation of each ESAA to determine if it is malfunctioning, and each ESAA must self-monitor and automatically cease transmission on detecting an operational fault that could cause harmful interference to a fixed-satellite service network.

90248 --- Stations authorized herein must not be used to provide air traffic control communications.

90285 --- Operations in international waters and in territorial waters of other countries must be in compliance with the applicable laws, regulations, and licensing procedures of other countries, as well as with the conditions of this authorization.

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)

90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.

90405 --- Operations with PERMITTED LIST satellite must comply with §25.212 levels and operations above these levels must coordinate with satellite operators prior to operations.

90527 --- The ESIMs are authorized to receive downlink transmissions in the 11.7-12.2 GHz, 18.3-18.8 GHz, and 19.7-20.2 GHz frequency bands from the geostationary orbit space stations listed as points of communication in Section D above subject to the particulars of operation and identified frequencies included in Section B above and the licensee's application. Reception is authorized on a primary basis as an application of the Fixed-Satellite Service, pursuant to 47 CFR § 25.228. Operations must be in accordance with the Federal Communications Commission's rules not waived herein, the technical specifications contained in licensee's application, and are subject to the other conditions listed in the authorization.



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 90529 --- The ESIMs are authorized to transmit in the 14.0-14.5 GHz, 28.35-28.6 GHz, and 29.25-30.0 GHz frequency bands to the geostationary orbit space stations listed as points of communication in Section D above subject to the particulars of operation and identified frequencies included in Section B above and the licensee's application. Such transmissions are authorized on a primary basis as an application of the Fixed-Satellite Service, pursuant to 47 CFR § 25.228. Operations must be in accordance with the Federal Communications Commission's rules not waived herein, the technical specifications contained in licensee's application, and are subject to the other conditions listed in the authorization.
- 90535 --- Communications between licensee aircraft earth stations and the relevant space station must be in compliance with all existing and future space station coordination agreements reached between the space station Administration and other Administrations.
- 90549 --- The ESAAs authorized herein must comply with the terms of the applicable space station authorization(s) as well as the Commission's rules on frequency use, including 47 CFR § 25.202, 47 CFR § 25.228, and applicable footnotes to the Table of Frequency Allocations, 47 CFR § 2.106, including NG52, NG457A, and NG527A.
- 900407 --- The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):

3600-4200 MHz (space-to-Earth)
5850-6725 MHz (Earth-to-space)
10.95-11.2 GHz (space-to-Earth)
11.45-12.2 GHz (space-to-Earth)
13.75-14.5 GHz (Earth-to-space)
18.3-18.8 GHz (space-to-Earth)
19.7-20.2 GHz (space-to-Earth)
24.75-25.25 GHz (Earth-to-space)
28.35-28.6 GHz (Earth-to-space)
29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.

- 900612 --- Waiver of the off-axis EIRP spectral density limits in Section 25.218(f)(2) for the plane perpendicular to the GSO arc for the KuKarray antenna is granted."
- 900613 --- Operations pursuant to this license modification must comply with the conditions set forth in the initial earth station blanket license and all subsequent modifications or amendments to the license: IBFS File No. SES-LIC-20051028-01494, Call Sign E050318.



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: ViaSat, Inc.

Call Sign: E050318

Authorization Type: Modification of License

File Number: SES-MFS-20200204-00112

Non Common Carrier

Grant date: 11/13/2020

Expiration Date: 11/20/2022

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.