

Attachment 1
REQUEST FOR SPECIAL TEMPORARY AUTHORIZATION
(Response to Question 12)
Call Sign E202143

Viasat, Inc. (“Viasat”), requests extension of special temporary authority (“STA”) for sixty (60) days to operate additional VSAT earth stations with the ViaSat-3 satellite while Viasat’s underlying request for blanket authority remains pending.¹ These earth stations would operate at the locations specified in Table 1 using portions of the Ka band available for blanket licensing and allocated for GSO FSS use on a primary basis. All operations would be consistent with the technical parameters specified in Table 2, which are themselves consistent with the existing authorization for ViaSat-3 and Viasat’s underlying application for blanket authority.

The Commission has authorized Viasat to serve the United States market with the ViaSat-3 satellite at 88.9° W.L. using Ka-band spectrum.² This authorization was based on the Commission’s determination that allowing ViaSat-3 to communicate with users in the United States would serve the public interest. Viasat has also filed an application seeking blanket authority to communicate with the ViaSat-3 satellite using 1.8 m and 2.4 m VSAT earth stations located throughout the United States.³ That blanket earth station application remains pending, but the Commission has already granted Viasat temporary authority to operate earth stations at hundreds of other specified locations and in a manner consistent with that pending application, reflecting the Commission’s determination that such interim operations would serve the public interest.⁴ The Commission should reach the same conclusion with respect to the instant extension.

Viasat’s operations under the requested STA would continue to be 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

¹ This request is an extension of a current grant of temporary authority authorized under the same technical parameters specified herein. *See* Call Sign E202143, ICFS File Nos. SES-STA-20240821-01806 (granted Nov. 18, 2024); SES-STA-20250106-00029 (granted Mar. 19, 2025); SES-STA-20250513-00678 (granted July 24, 2025); SES-STA-20250913-00692 (granted Nov. 20, 2025).

² *See* Call Sign S2917, ICFS File Nos. SAT-MOD-20230324-00063, *et al.*; Call Sign S3050, ICFS File No. SAT-LOA-20190617-00048.

³ *See* Call Sign E202143, ICFS File No. SES-LIC-20200811-00852. Note that all earth stations covered by the present STA request are 2.4 m.

⁴ *See, e.g.,* Call Sign E202143, ICFS File Nos. SES-STA-20230317-00539, SES-STA-20230518-01024, and SES-STA-20231207-02504.

Tel: 720-493-7300

Table 1: Earth Station Locations

City	State	Latitude	Longitude
Cheyenne	WY	41°, 7', 51.19" N	105°, 15', 37.35" W
Syracuse	NY	43°, 6', 26.54" N	77°, 50', 42.92" W
Amarillo	TX	35°, 12', 33.40" N	102°, 10', 49.90" W
Boise	ID	43°, 33', 51.64" N	117°, 48', 51.52" W
Carlsbad	CA	33°, 7', 41.22" N	118°, 44', 5.51" W
Ellis	KS	38°, 51', 24.56" N	100°, 17', 16.09" W
Green River	WY	41°, 32', 11.23" N	110°, 38', 52.56" W
Sanderson	TX	30°, 4', 6.01" N	103°, 40', 42.90" W
Lovelock	NV	40°, 10', 20.83" N	119°, 31', 9.70" W
Englewood	CO	39°, 32', 57.32" N	105°, 8', 7.83" W
Albuquerque	NM	35°, 5', 37.24" N	107°, 21', 15.08" W
Tucson	AZ	32°, 12', 57.62" N	111°, 2', 17.51" W
Tornillo	TX	31°, 26', 29.19" N	107°, 54', 59.43 W
Milford	UT	38°, 27', 42.67" N	113°, 0', 52.29" W
Centralia	WA	46°, 44', 2.68" N	124°, 59', 47.70" W
Carlton	MN	46°, 39', 43.98" N	93°, 31', 30.75 W

Table 2: Technical Parameters

Manufacturer	Viasat, Inc.
Model	13001xx
Quantity	16
Frequency bands	18.3–18.8 GHz (space-to-Earth) 19.7–20.2 GHz (space-to-Earth) 28.35–28.6 GHz (Earth-to-space) 29.5–30 GHz (Earth-to-space)
Antenna diameter	2.4 m
Location of Operations	See Table 1
Antenna polarization	LHCP and RHCP
Maximum total input power at flange	32.4 W
Antenna transmit gain @ 30 GHz	53.1 dBi
Antenna receive gain @ 20.2 GHz	50.3 dBi
Maximum aggregate output EIRP	68.2 dBW
Maximum EIRP/Transmit Carrier	68.2 dBW
Maximum EIRP Density	17.6 dBW/4kHz
Emission Designators	464MG7D