

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In the Matter of	)	
	)	
Application of Kuiper Systems LLC to	)	Call Sign E240075
Modify its Blanket License for Earth	)	
Stations in Motion	)	ICFS File No. SES-MOD-_____
	)	

APPLICATION TO MODIFY EARTH STATIONS IN MOTION BLANKET LICENSE

On January 28, 2025, the Federal Communications Commission (“FCC” or “Commission”) granted Kuiper Systems LLC, a wholly owned subsidiary of Amazon.com Services LLC (collectively, “Amazon”), blanket authority to operate earth stations in motion throughout the United States and its territories, as well as U.S. territorial and international waters (the “Blanket License”).¹ By this application, Amazon seeks to modify the Blanket License to include authority to receive downlink frequencies in the 17.3-17.8 GHz band (the “17 GHz Band”) from Amazon’s Part 25 non-geostationary satellite orbit (“NGSO”) fixed-satellite service (“FSS”) systems (the “Amazon Leo Systems”).² Amazon has a pending application before the Commission to operate the Amazon Leo Systems on these frequencies.³ Downlink transmissions in the 17.3-

¹ See ICFS File No. SES-LIC-20240510-00976 (granted Jan. 28, 2025).

² See *Kuiper Systems LLC, Request for Modification of the Authorization for the Kuiper NGSO Satellite System*, Order and Authorization, 39 FCC Rcd 3987 (SB 2024) (authorizing Amazon Leo System operations in the Ka-band); Application of Kuiper Systems LLC for Authority to Launch and Operate a Non-Geostationary Satellite Orbit System in V-band and Ku-band Frequencies, ICFS File No. SAT-LOA-20211104-00145 (filed Nov. 4, 2021) (“V-Band Application”) (requesting authority for a next-generation system); Application of Kuiper Systems LLC to Amend Pending Application for Authority to Launch and Operate a Non-Geostationary Satellite Orbit System in V-band, Ku-band, Ka-band, and 17 GHz Band Frequencies, ICFS File No. SAT-AMD-20250311-00068 (filed Mar. 11, 2025) (“V-Band Amendment”) (adding requests for additional frequencies). On November 13, 2025, Amazon replaced the Project Kuiper code name with Amazon Leo, its permanent brand for its satellite broadband network.

³ See V-Band Amendment.

17.8 GHz band will fall within the technical parameters described in the enclosed Form 312 and Schedule B.⁴

As part of its recent rulemaking permitting NGSO FSS systems to use the 17 GHz Band for downlink transmissions, the Commission found that doing so would “provide[] a contiguous 1300 MHz of spectrum for NGSO FSS downlink operations, allowing for technologically innovative and enhanced satellite services to the benefit of American consumers.”⁵ Amazon seeks to use this spectrum to provide exactly such services. Grant of this modification will serve the public interest by allowing Amazon to provide high-throughput broadband connectivity services not only to enterprise and consumer end users, but also for aircraft, maritime vessels, and land vehicles. It will facilitate expeditious deployment and allow Amazon to provide competitive, next-generation services to customers around the world, including in unserved and underserved areas.

⁴ To the extent not otherwise indicated or reflected in this application or Amazon’s other pending applications, *see* V-Band Application, V-Band Amendment, Amazon certifies that the information previously provided to the Commission as part of the application for the Blanket License, *see* Application for Blanket License, ICFS File No. SES-LIC-20240510-00976 (filed May 10, 2024), is unchanged and incorporated by reference. *See* 47 C.F.R. § 25.117(c).

⁵ *See Amendment of Parts 2 and 25 of the Commission’s Rules to Enable NGSO Fixed-Satellite Service (Space-to-Earth) Operations in the 17.3-17.8 GHz Band*, Report and Order, 39 FCC Rcd 11156 ¶ 1 (2024).

Respectfully submitted,

/s/ Emily Hsu

Emily Hsu
Corporate Counsel

Kuiper Systems LLC,
an Amazon subsidiary
525 14th Street S
Arlington, VA 22202

January 5, 2026