

Kuiper Systems LLC
Experimental License Renewal
Call Sign WM2XKY
Form 405

Narrative Statement

Kuiper Systems LLC (“Amazon”) holds experimental authority from the Federal Communications Commission (the “Commission”) to launch and operate two satellites, KuiperSat-1 and KuiperSat-2 (the “KuiperSats”), using Ka-band frequencies for testing and demonstration purposes (the “Modified License”), as granted on June 1, 2022 and modified on December 5, 2022 and September 1, 2023.¹ The Commission also granted Amazon the authority to operate customer terminal units as well as telemetry, tracking, and control (“TT&C”) and gateway earth stations to communicate with the satellites, and to provide launch and early orbit phase (“LEOP”) services for the satellites.² The Modified License expires June 4, 2024.

By this application, Amazon seeks to renew the Modified License with the same technical parameters. As part of the instant request, Amazon incorporates by reference the information describing the complete program of research and experimentation provided as part of its experimental license application and modification applications.³

The KuiperSats launched October 6, 2023. The license renewal, which Amazon seeks for an additional two years, is necessary to allow the company to continue testing the KuiperSats, which is an important step toward Amazon’s goal of providing high-capacity, low-latency broadband communications services through the deployment of its constellation licensed under Part 25 of the Commission’s rules.⁴ Amazon’s experimental KuiperSats allow the collection of critical data for the validation of Amazon’s hardware and software engineering, launch operations, and mission management systems before deployment of the Kuiper System, which will ultimately support Amazon’s efforts to close the digital divide in the United States and globally.

¹ See ELS File No. 0956-EX-CN-2021, Call Sign WM2XKY (granted June 9, 2022); ELS File No. 0234-EX-CM-2022, Call Sign WM2XKY (granted Dec. 5, 2022); ELS File No. 0108-EX-CM-2023, Call Sign WM2XKY (granted Sept. 1, 2023) (the “Modified License”).

² See *id.*

³ See *id.*

⁴ See *Kuiper Systems LLC, Application for Authority to Deploy and Operate a Ka-band Non-Geostationary Satellite Orbit System*, Order, 35 FCC Rcd 8324 (2020); *Kuiper Systems LLC, Request for Modification of the Authorization for the Kuiper NGSO Satellite System*, Order and Authorization, ICFS File No. SAT-MOD-20211207-00186, DA 23-114 (rel. Feb. 8, 2023).