



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L Street NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov>

Report No. SAT-01931

Thursday July 3, 2025

Satellite Licensing Division and Satellite Programs and Policy Division Information

RE: Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-LOA-20211104-00145 S3105

Kuiper Systems LLC

Date filed: 2021-11-04

Launch and Operating Authority

See ICFS File No. SAT-AMD-20250311-00068.

SAT-AMD-20250311-00068 S3105

Kuiper Systems LLC

Date filed: 2025-03-11

Amendment

Kuiper Systems LLC requests authority to deploy and operate an NGSO FSS constellation to be called its Gen 2 system, as well as an NGSO FSS polar constellation to be called its Polar System. Additionally, Kuiper amends the pending portion of its license application for its existing Gen 1 system. Kuiper also seeks authorization to permit both FSS and MSS services for all three of its systems in certain frequency bands, and to permit communications with various earth stations in all its authorized frequency bands.

Orbital Parameters:

Gen 1 System

- 4 orbital shells
- 590 km, 30 degree inclination, one plane, two satellites
- 590 km, 33 degree inclination, 782 planes, one satellite per plane
- 610 km, 42 degree inclination, 1292 planes, one satellite per plane
- 630 km, 51.9 degree inclination, 289 planes, four satellites per plane

Gen 2 System

- 3 orbital shells
- 590 km, 33 degree inclination, 780 planes, one satellite per plane
- 610 km, 42 degree inclination, 1280 planes, one satellite per plane
- 630 km, 51.9 degree inclination, 288 planes, four satellites per plane

Polar System

- 3 orbital shells
- 600 km, 82 degree inclination, 4 planes, 38 satellites per plane
- 620 km, 66 degree inclination, 40 planes, 20 satellites per plane
- 650 km, 80 degree inclination, 170 planes, two satellites per plane

In addition to its previously authorized operations, Kuiper requests authority to operate its Gen 1 system in:

- 17.3-17.8 GHz (space-to-Earth)
- 17.8-18.6 GHz (space-to-Earth)
- 18.8-20.2 GHz (space-to-Earth)
- 37.5-42.0 GHz (space-to-Earth)
- 42.0 GHz-42.5 GHz (space-to-Earth) (outside the U.S. only)
- 27.5-30.0 GHz (Earth-to-space)
- 47.2-50.2 GHz (Earth-to-space)
- 50.4-51.4 GHz (Earth-to-space)
- 51.4-52.4 GHz (Earth-to-space)

For the Gen 2 and Polar systems, Kuiper requests authority to operate in:

- 10.7-12.7 GHz (space-to-Earth)
- 17.3-18.6 GHz (space-to-Earth)
- 18.8-20.2 GHz (space-to-Earth)
- 20.2-21.2 GHz (space-to-Earth)
- 37.5-42.0 GHz (space-to-Earth)
- 42.0-42.5 GHz (space-to-Earth) (outside the U.S. only)
- 12.75-13.25 GHz (Earth-to-space)
- 14.0-14.5 GHz (Earth-to-space)
- 27.5-30.0 GHz (Earth-to-space)
- 30.0-31.0 GHz (Earth-to-space)
- 47.2-50.2 GHz (Earth-to-space)
- 50.4-51.4 GHz (Earth-to-space)
- 51.4-52.4 GHz (Earth-to-space)

Kuiper requests waiver of the following sections of the Commission's rules:

- Section 2.106
 - Section 25.257
 - Section 25.146(a)(1)
 - Section 25.146(a)(2)
 - Section 25.146(c)
 - Section 25.114(a)(1)
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SAT-MOD-20250417-00104 S3143
Date filed: 2025-04-17
Modification

Intelsat License LLC

The Satellite Programs and Policy Division designates the above-captioned proceeding as “permit-but-disclose” effective July 2, 2025.

INFORMATIVE:

SAT-MOD-20250612-00145 S3065
Date filed: 2025-06-12
Modification

AST & Science, LLC

The Accepted for Filing public notice for AST & Science, LLC, dated June 20, 2025, for the above captioned file number is clarified to specify the full set of frequency bands which the Commission accepts for filing for telemetry, tracking, and command (TT&C) operations with AST's proposed constellation: 430-440 MHz (space-to-Earth and Earth-to-space), 2025-2110 MHz (Earth-to-space), 2200-2290 MHz (space-to-Earth), 37.5-42.0 GHz (space-to-Earth), 45.5-47 GHz (Earth-to-space), 47.2-50.2 GHz (Earth-to-space), and 50.4-51.4 GHz (Earth-to-space). See Space Bureau Accepts For Filing AST & Science, LLC Modification Application, Public Notice, DA 25-532 (June 20, 2025).

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.