PUBLIC NOTICE

Federal Communications Commission
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Washington, DC 20554

News Media Information 202-418-0500
Internet: www.fcc.gov

DA 25-532
Released: June 20, 2025

SPACE BUREAU ACCEPTS FOR FILING AST & SCIENCE, LLC MODIFICATION APPLICATION

SB Docket No. 25-201
ICFS File No. SAT-MOD-20250612-00145

Comment Date: July 21, 2025
Reply Comment Date: **August 5, 2025**

Upon initial review, the Space Bureau accepts for filing the above-captioned application filed by AST & Science, LLC (AST), in part.[1]

AST requests modification of its license for five satellites and seeks authority to operate a constellation of a total of two hundred forty-eight low-earth orbit non-geostationary orbit (NGSO) satellites.[2] Specifically, AST requests to operate an additional 243 satellites, with 23 satellites deployed at an altitude of 520 km with an inclination of 53 degrees, 192 satellites deployed at an altitude of 690 km with an inclination of 53 degrees, and 28 satellites deployed at an altitude of 685 km with an inclination of 98.1318 degrees. For the full requested 248-satellite constellation, in addition to the 37.5-42 GHz (space-to-Earth), 47.2-50.2 GHz (Earth-to-space), and 50.4-51.4 GHz (Earth-to-space) bands and the 430-440 MHz (space-to-Earth and Earth-to-space), 2025-2110 MHz (Earth-to-space), and 2200-2290 MHz (space-to-Earth) bands that are currently specified in AST's license, AST seeks to perform feeder link and telemetry, tracking, and telecommand (TT&C) operations in the 45.5-47 GHz (Earth-to-space) band. AST also seeks authority to provide supplemental coverage from space (SCS) using the following frequency bands: 698-716 MHz (Earth-to-space), 728-746 MHz (space-to-Earth), 824-849 MHz (Earth-to-space), and 869-894 MHz (space-to-Earth). AST further seeks authority to use the following bands for mobile-satellite service (MSS) operations: 617-652 MHz, 728-821 MHz, 852-894 MHz, and 902-960 MHz (space-to-Earth); and 663-748 MHz, 777-798 MHz, 807-862 MHz, and 880-915 MHz (Earth-to-space).

This application is accepted for filing for TT&C in the 430-440 MHz (space-to-Earth and Earth-to-space), 2025-2110 MHz (Earth-to-space), and 2200-2290 MHz (space-to-Earth) bands and the 45.5-47 GHz (Earth-to-space) band. The Space Bureau does not at this time accept for filing AST's request for operations other than TT&C.

Filing Requirements: Interested parties may file comments on or before July 21, 2025 and reply comments on or before August 5, 2025. Comments and petitions regarding this application should be

[1] ICFS File No. SAT-MOD-20250612-00145; Call Sign S3065.

[2] *AST&Science LLC Application to Launch and Operate a Non-Geostationary Orbit V-band System*, ICFS File Nos. SAT-AMD-20240311-00053, SAT-AMD-20230717-00172, SAT-AMD-20201028-00126, SAT-AMD-20200727-00088, and SAT-LOA-20200413-00034, Order Authorization, 39 FCC Rcd 8558 (2024).

filed in both the Commission's Electronic Comment Filing System (ECFS) and in International Communications Filing System (ICFS) under the appropriate file number. 47 CFR § 25.154. All filings must refer to SB Docket No. 25-201 and ICFS File No. SAT-MOD-20250612-00145.[3]

- *Electronic Filers*: Comments may be filed electronically using the Internet by accessing the ECFS, https://www.fcc.gov/ecfs, and ICFS, https://fccprod.servicenowservices.com/icfs.

- *Paper Filers*: Parties filing by paper must file an original and one copy of each filing.

- Filings can be sent by hand or messenger delivery, by commercial courier, or by the U.S. Postal Service. **All filings must be addressed to the Secretary, Federal Communications Commission**.

- Hand-delivered or messenger-delivered paper filings for the Commission's Secretary are accepted between 8:00 a.m. and 4:00 p.m. by the FCC's mailing contractor at 9050 Junction Drive, Annapolis Junction, MD 20701. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes and boxes must be disposed of before entering the building.

- Commercial courier deliveries (any deliveries not by the U.S. Postal Service) must be sent to 9050 Junction Drive, Annapolis Junction, MD 20701.

- Filings sent by U.S. Postal Service First-Class Mail, Priority Mail, and Priority Mail Express must be sent to 45 L Street NE, Washington, DC 20554.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer and Governmental Affairs Bureau at 202-418-0530 (voice).

Ex Parte Rules. This proceeding shall be treated as a "permit-but-disclose" proceeding in accordance with the Commission's *ex parte* rules.[4] Persons making *ex parte* presentations must file a copy of any written presentation or a memorandum summarizing any oral presentation within two business days after the presentation (unless a different deadline applicable to the Sunshine period applies). Persons making oral *ex parte* presentations are reminded that memoranda summarizing the presentation must (1) list all persons attending or otherwise participating in the meeting at which the *ex parte* presentation was made, and (2) summarize all data presented and arguments made during the presentation. If the presentation consisted in whole or in part of the presentation of data or arguments already reflected in the presenter's written comments, memoranda or other filings in the proceeding, the presenter may provide citations to such data or arguments in his or her prior comments, memoranda, or other filings (specifying the relevant page and/or paragraph numbers where such data or arguments can be found) in lieu of summarizing them in the memorandum. Documents shown or given to Commission staff during *ex parte* meetings are deemed to be written *ex parte* presentations and must be filed consistent with rule 1.1206(b). In proceedings governed by rule 1.49(f) or for which the Commission has made available a method of electronic filing, written *ex parte* presentations and memoranda summarizing oral *ex parte* presentations, and all attachments thereto, must be filed through the electronic comment filing system available for that proceeding, and must be filed in their native format (e.g., .doc, .xml, .ppt, searchable .pdf). Participants in this proceeding should familiarize themselves with the Commission's *ex parte* rules.

[3] Due to the launch of the new ICFS, from June 18, 2025 until June 23, 2025, the submission of any filings in ICFS, including comments, will not be possible. *Space Bureau and Office of International Affairs Announce the Launch of New International Communications Filing System (ICFS)*, Public Notice, DA 25-510 (June 12, 2025). We ask that filings submitted in ECFS during this period be also filed in ICFS after June 23, 2025.

[4] 47 CFR §§ 1.1200 *et seq.*

Availability of Documents. Comments, reply comments, and *ex parte* submissions will be available via ECFS and ICFS.[5] Documents will be available electronically in ASCII, Microsoft Word, and/or Adobe Acrobat.

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[5] *See also supra* note 3.