

GRANT
AST & Science LLC
 ICFS File No. SAT-STA-20260302-00103

 GRANTED* Space Bureau	File # SAT-STA-20260302-00103	
	Call Sign - S3065 (or other identifier)	Grant Date: 05/12/2026
	From: March 2, 2026	To: For a period of 60 days
	Approved: <u>Jonathan R. Markman</u> Acting Division Chief Satellite Programs and Policy Division	

*with conditions

ICFS File No(s):	SAT-STA-20260302-00103	GRANTED – With Conditions  Space Bureau Satellite Policy and Programs Division
Licensee/Grantee:	AST & Science LLC (AST)	
Call Sign:	S3065	
Satellite Name:	AST SpaceMobile FM-2	
Orbital Location: (required station-keeping tolerance)	Non-geostationary orbit (NGSO). 1 satellite deployed to an altitude of 460 km and operating at an apogee and perigee of 460 km (± 30 km) with an inclination of 50 degrees (± 2 degrees).	
Administration:	United States of America	
Nature of Service:	Space Operation	
Scope of Grant:	Special temporary authority (STA) for an additional period of 60 days to deploy and operate one low-Earth orbit NGSO space station at an altitude of 460 km with an inclination of 50 degrees.	
Previous Grant(s):	Authority to deploy and operate 5 low-Earth orbit NGSO space stations. ¹ Authority to deploy 20 additional low-Earth orbit NGSO space stations and to perform telemetry, tracking, and command (TT&C) operations using those satellites. ² Special temporary authority for a period of 60 days to deploy and operate one low-Earth orbit NGSO space station at an altitude of 460 km with an inclination of 50 degrees. ³	
Service Area(s):	Visible Earth above 10 deg elevation. ⁴	
Frequencies:	<u>Nominal TT&C Operations:</u> 37.5-42.0 GHz (center frequencies 38.75 GHz, bandwidth 2.5 GHz; 39.75 GHz, bandwidth 4.5 GHz; 40.25 GHz, bandwidth 0.5 GHz; 41.0 GHz, bandwidth 2.0 GHz) (space-to-Earth) 47.2-50.2 GHz (center frequency 48.7 GHz, bandwidth 3.0 GHz) (Earth-to-space) 50.4-51.4 GHz (center frequency 50.9 GHz, bandwidth 1.0 GHz) (Earth-to-space) <u>TT&C (for launch and early orbit operations (LEOP) and Emergency Operations only):</u> 2025-2110 MHz (center frequencies 2047.0 MHz, 2048.0 MHz, 2056.0 MHz 2057.0 MHz, 2058.0 MHz, and 2077.0 MHz, each with 192 kHz bandwidth) (Earth-to-space) (outside the U.S. only) 2200-2290 MHz (center frequencies 2225.0 MHz, 2226.0 MHz, 2234.0 MHz, 2235.0 MHz, 2236.0 MHz, and 2244.0 MHz, each with 768 kHz bandwidth) (space-to-Earth) (outside the U.S. only) <u>TT&C (Emergency Operations only for a period not to exceed 24 hours):</u>	

¹ *AST & Science LLC Application to Launch and Operate a Non-Geostationary Orbit V-band System*, ICFS File Nos. SAT-LOA-20200413-00034, SAT-AMD-20200727-00088, SAT-AMD-20201028-00126, SAT-AMD-20230717-00172, SAT-AMD-20240311-00053, Order and Authorization, 39 FCC Rcd 8558 (2024).

² ICFS File Nos. SAT-MOD-20250612-00145; SAT-AMD-20250718-00181 (granted-in-part/deferred-in-part Aug. 29, 2025) (AST Modification Grant).

³ ICFS File No. SAT-STA-20251205-00373.

⁴ See Schedule S and conditions 1, 2, 4, 6, 7 and Appendix A of AST Modification Grant.

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	430-440 MHz (center frequencies of 430.5 MHz, 432.3 MHz, 434.1 MHz, 435.9 MHz, and 439.5 MHz, each with 50 kHz bandwidth) (space-to-Earth and Earth-to-space) (outside the U.S. only)	
	<u>Receive-only center frequencies for positioning, navigation, and timing:</u> 1575.42 MHz (Global Positioning System (GPS) L1) and 1176.45 MHz (GPS L5)	
Operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with the Federal Communications Commission's rules not waived herein. This grant is also subject to the following conditions:		
1. All operations under this grant of special temporary authority must be on an unprotected and non-harmful interference basis, <i>i.e.</i>, AST must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating station. In the event of any harmful interference, AST must immediately cease operations upon notification of such interference and inform the Commission, in writing, immediately of such an event. 2. AST's operations must comport with all license conditions and technical specifications in the underlying application authorization and grant of special temporary authority.		
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release. Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).		
Action Date:	May 12, 2026	
Term Dates	From: March 2, 2026	To: For a period of 60 days
Approved:		
Jonathan R. Markman Acting Chief, Satellite Programs and Policy Division		