

GRANT
AST & Science, LLC
ICFS File No. SAT-STA-20260702-00273

 GRANTED* Space Bureau	File # SAT-STA-20260702-00273	
	Call Sign: <u>S3065</u> (or other identifier)	Grant Date: <u>08/13/2026</u>
	From: <u>August 13, 2026</u>	To: <u>September 12, 2026</u>
	Approved: <u>Carelyn A. Mahoney</u> Acting Division Chief Satellite Programs and Policy Division	

*with conditions

ICFS File No(s):	SAT-STA-20260702-00273	GRANTED – With Conditions  Space Bureau Satellite Programs and Policy Division
Licensee/Grantee:	AST & Science, LLC (AST SpaceMobile)	
Call Sign:	S3065	
Satellite Name:	AST SpaceMobile	
Orbital Location: (required station-keeping tolerance)	248 satellites operating in non-geostationary satellite orbit (NGSO)¹ 5 satellites operating in 1 plane at an apogee of 520 km (± 30 km) and perigee of 515 km (± 30 km) with an inclination of 53 degrees (± 2 degrees). Operations down to an altitude as low as 425 km. 22 satellites deployed to an altitude of 520-530 km and operating in 6 planes at an apogee of 520 km (± 30 km) and perigee of 515 km (± 30 km) with an inclination of 53 degrees (± 2 degrees). 1 satellite deployed to and operating at an apogee and perigee of 460 km (± 30 km) with an inclination of 50 degrees (± 2 degrees). 192 satellites deployed to an altitude of 530 km and operating each in 1 plane at an apogee of 690 km (± 30 km) and perigee of 685 km (± 30 km) with an inclination of 53 degrees (± 2 degrees). Operations down to an altitude of approximately 530 km. 28 satellites deployed to an altitude of 530 km and operating in 2 planes at an apogee of 685 km (± 30 km) and perigee of 680 km (± 30 km) with an inclination of 98.1318 degrees (± 2 degrees). Operations down to an altitude of approximately 530 km.	
Administration:	United States of America	
Nature of Service:	Supplemental Coverage from Space (SCS)	
Scope of Grant:	Special temporary authority (STA), for a period of up to 30 days, to conduct test operations for the AST SpaceMobile satellites broadband SCS capabilities in the 817-824 MHz and 862-869 MHz bands.	
Testing Area(s):	Areas with a 50 km radius of the following locations: ² 1. Midland, TX: 31° 55' 49" N, 102° 12' 31" W 2. Lanham, MD: 38 56' 54.2" N, 76 50' 16" W	
Frequencies:	<u>SCS:</u> 817-824 MHz (Earth-to-space)	

¹ See *AST & Science, LLC*, Authorization and Order, DA 26-391 (SB/WTB/OET/PSHSB Apr. 21, 2026) (*AST SpaceMobile NGSO Authorization*).

² See Letter from Phuong N. Phan, VP Regulatory Affairs, AST & Science, LLC, to Marlene H. Dortch, Secretary, FCC, ICFS File No. SAT-STA-20260702-00273 (filed Jul. 17, 2026).

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	862-869 MHz (space-to-Earth)	
Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications and commitments 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. In addition to the other conditions contained in this grant, all operations under this STA must be on an unprotected and non-interference basis, i.e., AST SpaceMobile must not cause interference to, and must not claim protection from interference caused to its system by, any other lawfully operating station. In the event of any harmful interference, AST must immediately cease operations upon notification or report of the interference and inform the Commission, in writing, of such an event. A 24/7 point of contact with authority and ability to cease all emissions for this operation is available at ast.noc@ast-science.com, (800) 542-4939. 2. Operations authorized under this STA must comply with the conditions imposed in the current authorization for the AST SpaceMobile satellites,³ except where otherwise instructed in this grant of STA. 3. The authority granted by this STA expires on either the expiration date or the dissolution of AST SpaceMobile's arrangement with the terrestrial licensee or the expiration date of this STA, whichever is earlier.		
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:	August 13, 2026	
Term Dates	From: August 13, 2026	To: September 12, 2026
Approved: Carolyn A. Mahoney Acting Division Chief, Satellite Programs and Policy Division Space Bureau		

³ See *AST SpaceMobile NGSO Authorization*.