

PROPOSED SATELLITE STA OPERATIONS

Pursuant to Section 25.120(b)(3) of the Commission’s rules,¹ AST & Science, LLC (“AST SpaceMobile”) requests renewal of its 60-day Special Temporary Authorization (“STA”) to deploy and operate FM-2 at an orbital altitude of 460 kilometers and an orbital inclination of 50°. ² FM-2 is one of 25 BlueBird satellites authorized for telemetry, tracking, and command (“TT&C”) operations as part of AST SpaceMobile’s proposed 248-satellite non-geostationary orbit (“NGSO”) constellation (the “AST SpaceMobile System”),³ and AST SpaceMobile’s application for the proposed FM-2 operations is pending before the Commission.⁴ Grant of the requested STA renewal serves the public interest by facilitating expeditious deployment of a new, groundbreaking space-based cellular network that will deliver direct-to-device broadband connectivity across the United States, including unserved and underserved areas where terrestrial mobile networks are absent or otherwise unavailable due to natural disasters or other events.

¹ See 47 C.F.R. § 25.120(b)(3).

² See ICFS File No. SAT-STA-20251205-00373 (granted Jan. 1, 2026).

³ See *AST & Science LLC*, ICFS File Nos. SAT-MOD-20250612-00145 & SAT-AMD-20250718-00181, Stamp Grant (Aug. 29, 2025) (authorizing TT&C operations for launch of 20 additional satellites).

⁴ See ICFS File Nos. SAT-MOD-20251205-00370 & SAT-AMD-20251211-00379 (FM-2 Modification Application); *see also* Public Notice, Report No. SAT-01960 (Dec. 19, 2025) (accepting the amended FM-2 modification application for filing).