

EXHIBIT 1

PROPOSED STA OPERATIONS

Pursuant to Section 25.120(b)(4) of the Commission’s rules,¹ AST & Science, LLC (“AST SpaceMobile”) requests renewal of its 30-day Special Temporary Authorization (“STA”)² to continue operations at 817-824 MHz (uplink) and 862-869 MHz (downlink) for purposes of testing, evaluating, and demonstrating the AST SpaceMobile network’s broadband supplemental coverage from space (“SCS”) capabilities with its authorized in-orbit non-geostationary orbit satellite constellation.³ Grant of the requested STA renewal serves the public interest by facilitating ongoing testing and demonstration of the satellite network with AST SpaceMobile’s federal government customers and partner mobile network operators. Moreover, grant of the requested STA renewal will not harm or prejudice any third party. AST SpaceMobile’s proposed SCS test operations comply with all technical limits applicable to its authorized adjacent-band SCS operations and AST SpaceMobile will ensure interference protection of any incumbent enhanced specialized mobile radio service operations.

¹ See 47 C.F.R. § 25.120(b)(4).

² See AST SpaceMobile, *Stamp Grants*, ICFS File Nos. SAT-STA-20260702-00273 (Aug. 13, 2026); SES-STA-20260702-01946 (Aug. 14, 2026).

³ See *AST & Science LLC*, Authorization and Order, DA 26-391 (SB/WTB/OET/PSHSB rel. Apr. 21, 2026).