

The logo for AST SpaceMobile. 'AST' is in a large, white, sans-serif font. 'SpaceMobile' is in a smaller, orange, sans-serif font. The background is a dark space with a bright, curved orange line representing a satellite arc and small blue stars.

AST SpaceMobile

Transforming how the world connects -
Satellite direct to existing handsets



NASDAQ: ASTS

3rd India Space Policy Conference

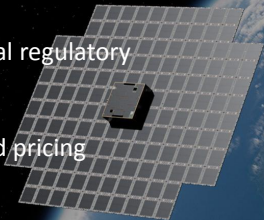
*Diha Amir
Director, Regulatory Affairs Asia Pacific
July 2026*

What is AST SpaceMobile?

AST SpaceMobile is building a new LEO satellite constellation to enable existing MNOs to provide **mobile broadband coverage directly to standard mobile devices and smartphones**



- A space-based cell tower company that partners with nationally licensed MNOs to extend their existing terrestrial infrastructure
- Aims to fill coverage gaps to connect the unconnected, reduce the digital divide, and plans to deliver affordable cellular broadband to 100% of the population and geography
- AST SpaceMobile's customer is the MNO
- With our solution, the MNO uses their already licensed spectrum in a self-interference management process
- End users purchase the service from the MNO partner and use existing mobile devices
- Supports cellular services at 4G and 5G speeds for any MNO
- National MNOs continue to hold all domestic national regulatory responsibilities for mobile services
- Flexible business model and affordable market-based pricing



Direct –to-Device Connectivity

Strong market interest in connecting satellites directly to mobile phones and other devices: data, voice, SMS,

Network resiliency – disaster recovery

Emergency Services

Opportunities for India market:

- Major mobile market, strong digital economy, growing space ecosystem
- Large and geographically diverse population
- Can be considered as part of a broader national connectivity and resilience strategy
- Contribute to a more integrated 5G and future 6G ecosystem

Companies are pursuing a range of approaches

Space segment

- Leveraging existing GEO satellite networks
- Deploying new LEO constellations tailored for direct-to-device service

Spectrum

- Use already authorized satellite spectrum
- Add spectrum to satellites in partnership with terrestrial operators

Device implementation

- Modify or develop new devices to utilize satellite frequencies
- Modify sats to utilize standard devices

Key market drivers

Low latency, High throughput NGSO Networks

Mobile broadband connectivity appetite

Spectrum allocation, potential interference with terrestrial networks, standards harmonization

Market access- Regulatory Momentum

Wide-spread adoption of specialized hardware, including compatible chipsets



Lessons from Commercial MNO

Partnerships

Partnership model with operators, not compete with it

1

Spectrum access

Reuses MNO's existing licensed spectrum to extend coverage; MSS spectrum as additional capacity and coverage

2

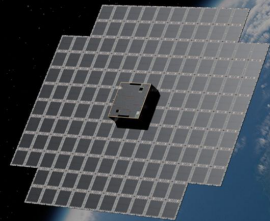
MNO keeps the customer

Billing, meeting national requirements and providing service to the customers are the MNOs responsibilities; AST SpaceMobile supplies the space-based layer

3

Regulatory approach is market-specific

For IMT spectrum, need agreement with the MNO and must meet any regulatory requirements. For MSS, need appropriate authorization



Bringing space and terrestrial networks together

The key building blocks for commercial D2D deployment

Clear authorization pathway

Regulatory framework is the key dependency for commercial deployment - TRAI's SCN consultation process is central to this

Spectrum assignment framework

Decision affects commercial structure, regulatory responsibility, commercial obligations

Satellite-mobile partnership model

A regulatory approach that enables collaboration between satellite operators and mobile network operators, with clearly defined roles and operational arrangements

Need global harmonization

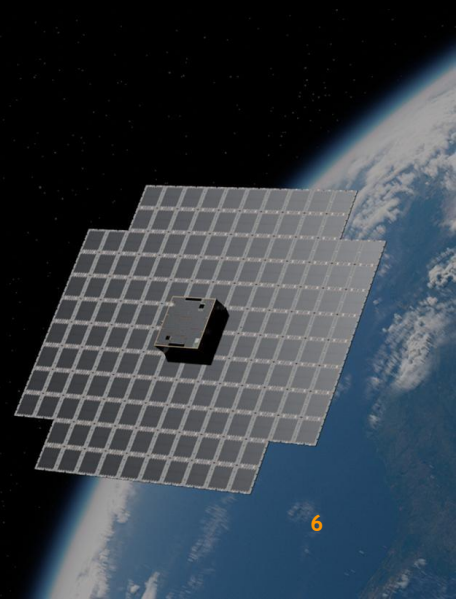
WRC-27 Agenda Item 1.13 provides this opportunity. However, countries have been and can move forward with implementation with D2D

Global Connectivity for All is Here

D2D services, whether IMT or MSS, bring the promise, using unmodified devices, of broadband connectivity to all!

Streamline regulatory processes enable faster deployment

By working together, we can address critical broadband connectivity gap across India



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