



PAPUA NEW GUINEA  
NATIONAL INFORMATION AND COMMUNICATIONS  
TECHNOLOGY AUTHORITY

NATIONAL INFORMATION AND COMMUNICATIONS TECHNOLOGY ACT 2009  
National Information and Communications Technology (Radio Spectrum) Regulation 2010

**Radiocommunications Apparatus Licence**

Licence Type: Space Station License  
Licence No: RCAP-SS-0000-004



**SCHEDULE 1 – GENERAL PARTICULARS**

Date of Issue: 06 June 2020  
Date of Expiry: 06 June 2025 (may be extended in accordance with Satellite Filing Agreement 2017)  
Name: AST&Science, LLC  
Postal Address: 2901 Enterprise Lane, Midland, TX, USA

**SCHEDULE 2 - TECHNICAL CHARACTERISTICS**

In accordance with: **Information registered with ITU**  
Satellite Name: SpaceMobile Constellation  
Orbital Location: 725-745 km LEO  
Station Type: LEO  
Service Type: Mobile Satellite

**Uplink/ Downlink Frequencies**

Uplink Frequencies	Downlink Frequencies	Starting Frequencies Uplink/Downlink	Ending Frequencies Uplink/Downlink
617-960 MHz 1710-2200 MHz (and other LTE Bands as needed)	617-960 MHz 1710-2200 MHz (and other LTE Bands as needed)	617 MHz 1710 MHz (and other LTE Bands as needed)	960 MHz 2200 MHz (and other LTE Bands as needed)

**SCHEDULE 3 - LICENCE CONDITIONS**

This Licence is subject to compliance with:

Condition Number	Condition Description
605	i. the National Information and Communications Technology Act 2009; ii. the National Information and Communications Technology (Radio Spectrum) Regulation 2010; iii. the Satellite Filing Agreement 2017; iv. Provisions of the ITU Radio Regulations