



**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 Licence
Licence No: RCAP-SS-0000-004

Issued by NICTA



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: Space Mobile Constellation and the Blue Walker 3 Test Satellite
Orbital Location: 725-745 km LEO and 375 – 425 km for BW3
Station Type: LEO
Service Type: Mobile Satellite

Uplink/ Downlink Frequencies

Uplink Frequencies	Downlink Frequencies	Starting Frequencies Uplink/Downlink	Ending Frequencies Uplink/Downlink
400 - 438 MHz	400 - 438 MHz	400 MHz	438 MHz
617 – 960 MHz	617 – 960 MHz	617 MHz	960 MHz
1710 - 2200 MHz	1710-2200 MHz	1710 MHz	2200 MHz
47.2 – 50.2 GHz	37.5 – 42.5 GHz	37.5 GHz	
50.4 – 51.4 GHz (and other LTE Bands as needed)	(and other LTE Bands as needed)	(and other LTE Bands as needed)	(and other LTE Bands as needed)



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SCHEDULE 3 - LICENCE CONDITIONS

This Licence is subject to compliance with:

Condition Number	Condition Description
605	<ul style="list-style-type: none">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

