



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 and the Blue Waller 3 Test Satellite
 Orbital Location: 725-745 km LEO and 500-600 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	51.4 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

A large, light blue, semi-transparent watermark of the NICTA logo is centered on the page. It consists of the letters 'NICTA' in a bold, sans-serif font, with a yellow dot above the 'i' and a red circular graphic element behind the letters.