

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20014145
Licensee	Optus Satellite Network Pty Limited
Licensee address	Att Jason Lee Optus Earth Station 2 Challenger Drive, BELROSE, NSW 2085

## Licence details

Licence service	Space
Licence subservice	Space
Licence number	11217333/1
Date of issue	07/08/2023
Date of effect	07/08/2023
Date of expiry	31/08/2024

## Licence conditions

Your licence is subject to conditions set out in the *Radiocommunications Act 1992*. Your licence may also be subject to such other licence conditions as determined by the ACMA (in licence condition determinations) from time to time, and is also subject to special conditions as detailed on this licence.

The conditions that are imposed on a licence vary according to the type of licence issued, the service being operated and the section of the *Radiocommunications Act 1992* under which the licence has been issued. For further information about the conditions that apply to your licence, please contact the ACMA (see contact details below).

### **Rights of appeal**

A decision by the ACMA to impose further conditions or revoke or vary the conditions of your licence may be reviewable. If you are affected by, and dissatisfied with, such a decision you may apply to the ACMA to have the ACMA reconsider the decision under section 288 of the *Radiocommunications Act 1992*.

An application for reconsideration must state the reasons for the request, and should be sent to the Customer Service Centre, Australian Communications and Media Authority, PO Box 78, Belconnen, ACT, 2616. Applications for review of decisions can be made using the R051 - Application for review of Decision form, available on the ACMA website.

### **Important**

An application for the ACMA to reconsider a decision to impose or vary licence conditions must be made to the ACMA within 28 days of the day on which you are informed of the decision. An application for reconsideration made after that time may not be accepted.

## ACMA contact details

Customer Service Centre  
PO Box 78  
BELCONNEN ACT 2616

Telephone: 1300 850 115  
Email: [info@acma.gov.au](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

### **Special Conditions applying to licence no.: 11217333/1**

Radio emission must not occur in the frequency band 100 - 230 MHz within 150 kilometres of Mileura Station, Western Australia. In addition, radio emission must not occur in the frequency band 230 MHz to 25.25 GHz within 100 kilometres of Mileura Station. Mileura Station geographic coordinates are Latitude 26degrees 37min 13.4sec South, Longitude 117degrees 30min 40sec East.

The licensee shall advise the ACMA of changes to the point of contact provided for the purpose of tracing any suspected cases of interference.

Earth station transmitters on land associated with this space station must not be operated within 70 kilometres distance from the Murchison Radioastronomy Observatory without the approval of the entity responsible for operating the Murchison Radioastronomy Observatory.

Upon receipt of a report of harmful interference under International Telecommunication Union Radio Regulation No. 11.42 all necessary steps shall be taken immediately eliminate the harmful interference or cease operation.

Operation of this space station and associated earth stations must be in accordance with frequency assignments recorded in the Master International Frequency Register of the International Telecommunication Union.

This licence authorises communications with AUSSAT C 156E FSS.

### **Advisory Notes applying to licence no.: 11217333/1**

Conditions applicable to the operation of Space Station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination. Copies of this determination are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

This licence does not authorise operation of earth stations outside of Australia.

The Master International Frequency Register (MIFR) is maintained by the International Telecommunication Union (ITU) in accordance with the Radio Regulations.

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Station 1:

#### Area wide details

Area ID	1
Area name	Australia-wide

#### Transmitter details

Assigned frequency	12.20210000 GHz
Bandwidth	1,000.00 Hz
Freq. assign. ID	0003132548
Transmitter power	250 mW
EIRP	13.18 W
Emission designator	1K00N0N

#### Antenna details

Antenna ID	1
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna type	Unknown antenna type, size or specifications-