

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20034175
Licensee	Kacific Australia Pty Ltd
Licensee address	18 Ashfield Place, GLEN ALPINE, NSW 2560

## Licence details

Licence service	Earth
Licence subservice	Fixed Earth
Licence number	10181917/2
Date of issue	22/03/2022
Date of effect	22/03/2022
Date of expiry	05/04/2027

## 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.: 10181917/2**

Transmissions must not occur in circumstances that result in harmful interference to stations outside of Australia where these stations are operating in accordance with the Radio Regulations of the ITU except where the transmissions are in accordance with any agreements reached as a result of an ITU international frequency coordination process.

Prior to the frequency assignments being recorded in the Master International Frequency Register (MIFR), this earth station may operate in accordance with the operating parameters published by the ITU in Special Sections of International Frequency Information Circulars and in accordance with any agreements reached as a result of an ITU frequency coordination process.

(1) This earth station is authorised to communicate with space stations of the N-SAT-Y12-150E satellite network as published by the International Telecommunication Union (ITU) in Special Section of International Frequency Information Circular.

### **Advisory Notes applying to licence no.: 10181917/2**

Conditions applicable to the operation of Fixed Earth 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)).

Coordination agreements reached as a result of an ITU international frequency coordination process are intended to minimise the potential for harmful interference to radiocommunications stations. A radiocommunications station operated prior to a frequency assignment being recorded in the MIFR cannot necessarily claim protection from harmful interference from radiocommunications stations of other countries.

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:

Site details	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
Transmitter details	
Assigned frequency	27.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808202
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
Antenna details	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

### Station 2:

Site details	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
Transmitter details	
Assigned frequency	29.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808256
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
Antenna details	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

### Station 3:

Site details	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
Transmitter details	
Assigned frequency	29.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808258
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
Antenna details	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P

### Station 4:

Site details	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
Transmitter details	
Assigned frequency	27.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808140
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
Antenna details	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P

### Station 5:

Site details	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433

<b>Transmitter details</b>	
Assigned frequency	27.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808138
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

## **Station 6:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839      Longitude 141.425433
<b>Transmitter details</b>	
Assigned frequency	29.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808260
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

## **Station 7:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839      Longitude 141.425433

<b>Transmitter details</b>	
Assigned frequency	27.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808219
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P

### **Station 8:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
<b>Transmitter details</b>	
Assigned frequency	28.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808252
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

### **Station 9:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433

<b>Transmitter details</b>	
Assigned frequency	28.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808231
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CL - Left-hand circular or indirect
Antenna azimuth	16
Antenna type	Parabolic-P

### **Station 10:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433
<b>Transmitter details</b>	
Assigned frequency	28.25000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808248
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P

### **Station 11:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839 Longitude 141.425433

<b>Transmitter details</b>	
Assigned frequency	29.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808270
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P

## **Station 12:**

<b>Site details</b>	
Site ID	10004031
Site address	Broken Hill, Pinnacles Road, BROKEN HILL NSW
Co-ordinates (GDA94)	Latitude: -31.986839      Longitude 141.425433
<b>Transmitter details</b>	
Assigned frequency	28.75000000 GHz
Bandwidth	500.000000 MHz
Freq. assign. ID	0001808254
Transmitter power	2.45 W
EIRP	7.93 MW
Emission designator	500MG7W
<b>Antenna details</b>	
Antenna ID	20117
Antenna polarisation	CR - Right-hand circular or direct
Antenna azimuth	16
Antenna type	Parabolic-P