

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20036637
Licensee	Illawarra Amateur Radio Society
Licensee address	60B Nottingham Street, BERKELEY, NSW 2506

## Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	1901631/2
Callsign	VK2RDS
Date of issue	19/06/2023
Date of effect	19/06/2023
Date of expiry	15/07/2024

## 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)

## **Advisory Notes applying to licence no.: 1901631/2**

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

## 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.

### Main Station Site

### Station 1:

#### Site details

Site ID	8783
Site address	Transgrid Tower, The Forest Walk, MADDENS PLAINS NSW 2508
Co-ordinates (GDA94)	Latitude: -34.263384 Longitude: 150.954594

#### Transmitter details

Assigned frequency	146.762500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517730
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

#### Receiver details

Assigned frequency	146.162500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517731
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

## 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.

### Main Station Site

### Station 2:

#### Site details

Site ID	8783
Site address	Transgrid Tower, The Forest Walk, MADDENS PLAINS NSW 2508
Co-ordinates (GDA94)	Latitude: -34.263384 Longitude: 150.954594

#### Transmitter details

Assigned frequency	438.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517732
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

#### Receiver details

Assigned frequency	432.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517733
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

## 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.

### Main Station Site

### Station 3:

#### Site details

Site ID	8783
Site address	Transgrid Tower, The Forest Walk, MADDENS PLAINS NSW 2508
Co-ordinates (GDA94)	Latitude: -34.263384 Longitude: 150.954594

#### Transmitter details

Assigned frequency	1.27395000 GHz
Bandwidth	26.0000 kHz
Freq. assign. ID	0000517734
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

#### Receiver details

Assigned frequency	1.29395000 GHz
Bandwidth	24.0000 kHz
Freq. assign. ID	0000517735
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

## 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.

### Main Station Site

### Station 4:

Site details	
Site ID	8783
Site address	Transgrid Tower, The Forest Walk, MADDENS PLAINS NSW 2508
Co-ordinates (GDA94)	Latitude: -34.263384 Longitude: 150.954594

Transmitter details	
Assigned frequency	1.29850000 GHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000517736
Transmitter power	50.00 W
EIRP	
Emission designator	128KW7W

Antenna details	
Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

Receiver details	
Assigned frequency	1.29850000 GHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000517737
Transmitter power	N/A
EIRP	N/A
Emission designator	128KW7W

Antenna details	
Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	75
Antenna type	Colinear Vertical-U

## 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.

### Main Station Site

### Station 5:

#### Site details

Site ID	8783
Site address	Transgrid Tower, The Forest Walk, MADDENS PLAINS NSW 2508
Co-ordinates (GDA94)	Latitude: -34.263384 Longitude: 150.954594

#### Transmitter details

Assigned frequency	439.862500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517738
Transmitter power	100.00 W
EIRP	
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Colinear Vertical-U

#### Receiver details

Assigned frequency	434.862500 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000517739
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

#### Antenna details

Antenna ID	13235
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Colinear Vertical-U

## Special Conditions applying to Station 5

An efficient cavity filter must be fitted between the receiver and the antenna.

An efficient cavity filter must be fitted between the transmitter and the antenna.