

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	1138141
Licensee	South West Communication and Security Pty Ltd
Trading name	Eacom Wagga Wagga
Licensee address	2/22 Battista St, GRIFFITH, NSW 2680

## Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	95110/1
Callsign	VK2RWG
Date of issue	29/03/2023
Date of effect	29/03/2023
Date of expiry	01/05/2024

## 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)

### **Special Conditions applying to licence no.: 95110/1**

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

The level of all discreet spurious components, measured at the output of the transmitter, must not exceed -30dBm.

The level of power in the adjacent channel must not exceed -22dBm.

### **Advisory Notes applying to licence no.: 95110/1**

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	9890
Site address	Wheel of Fortune Trig, WAGGA WAGGA NSW 2650
Co-ordinates (GDA94)	Latitude: -35.049858 Longitude: 147.55937

#### Transmitter details

Assigned frequency	146.750000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514713
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	16K0F3E

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Unknown antenna type, size or specifications-

#### Receiver details

Assigned frequency	146.150000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514714
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

#### Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Unknown antenna type, size or specifications-

### Special Conditions applying to Station 1

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

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

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

## 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	9890
Site address	Wheel of Fortune Trig, WAGGA WAGGA NSW 2650
Co-ordinates (GDA94)	Latitude: -35.049858 Longitude: 147.55937

#### Transmitter details

Assigned frequency	430.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514715
Transmitter power	10.00 W
EIRP	83.00 W
Emission designator	16K0F3E

#### Antenna details

Antenna ID	20085
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

#### Receiver details

Assigned frequency	440.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514716
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

#### Antenna details

Antenna ID	20085
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

## 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	9890
Site address	Wheel of Fortune Trig, WAGGA WAGGA NSW 2650
Co-ordinates (GDA94)	Latitude: -35.049858 Longitude: 147.55937

Transmitter details	
Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514717
Transmitter power	25.00 W
EIRP	83.00 W
Emission designator	16K0F2D

Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details	
Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514718
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details	
Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

## 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	138949
Site address	77 Ashmont Avenue, ASHMONT NSW 2650
Co-ordinates (GDA94)	Latitude: -35.123184 Longitude: 147.332249

#### Transmitter details

Assigned frequency	440.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514719
Transmitter power	5.00 W
EIRP	83.00 W
Emission designator	16K0F3E

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

#### Receiver details

Assigned frequency	430.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514720
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y