

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	159310
Licensee	THE WIRELESS INSTITUTE OF AUSTRALIA VICTORIAN DIVISION
Trading name	The Wireless Institute of Australia Victorian Division
Licensee address	9 Carrington Street, SYDENHAM, VIC 3037

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	213166/6
Callsign	VK3RGV
Date of issue	20/03/2024
Date of effect	20/03/2024
Date of expiry	02/05/2025

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

ACMA website: www.acma.gov.au

Advisory Notes applying to licence no.: 213166/6

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).

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	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	438.200000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515987
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	11K3F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Receiver details

Assigned frequency	431.200000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515988
Transmitter power	N/A
EIRP	N/A
Emission designator	11K3F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
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 2:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	438.900000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001807061
Transmitter power	50.00 W
EIRP	82.98 W
Emission designator	10K1F9W

Antenna details

Antenna ID	80442
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Receiver details

Assigned frequency	431.900000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001807062
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	80442
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
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 3:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	439.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326353
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	16K0F9W

Antenna details

Antenna ID	60290
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Receiver details

Assigned frequency	432.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326354
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

Antenna details

Antenna ID	60290
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
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	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	146.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515974
Transmitter power	0 mW
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	146.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515975
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)	0
Antenna type	Unknown antenna type, size or specifications-

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	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	147.575000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515976
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	147.575000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515977
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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 6:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	144.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515978
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	144.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515979
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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 7:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	439.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515980
Transmitter power	0 mW
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	434.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515981
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)	0
Antenna type	Unknown antenna type, size or specifications-

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 8:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	441.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515982
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	421.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515983
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	1
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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 9:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Receiver details

Assigned frequency	438.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515984
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)	0
Antenna type	Unknown antenna type, size or specifications-

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 10:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	53.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515985
Transmitter power	120.00 W
EIRP	200.00 W
Emission designator	16K0F3E

Antenna details

Antenna ID	13339
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Coaxial Dipole-D

Receiver details

Assigned frequency	52.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515986
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	13339
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Coaxial 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 11:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	440.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515989
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	420.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515990
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal 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 12:

Site details

Site ID	36223
Site address	Telstra site, MT ST LEONARD VIC 3777
Co-ordinates (GDA94)	Latitude: -37.567537 Longitude: 145.52555

Transmitter details

Assigned frequency	420.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515991
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	440.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515992
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal 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 13:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	440.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515993
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	430.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515994
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal 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 14:

Site details

Site ID	12001
Site address	WIA Site, 14.5 km SE of Beechworth, MT STANLEY VIC 3737
Co-ordinates (GDA94)	Latitude: -36.444595 Longitude: 146.802919

Transmitter details

Assigned frequency	430.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515995
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	440.675000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515996
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F1D

Antenna details

Antenna ID	100
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal 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 15:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	441.150000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001356435
Transmitter power	25.00 W
EIRP	41.49 W
Emission designator	16K0F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Dipole-D

Receiver details

Assigned frequency	430.150000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001356436
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
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 16:

Site details

Site ID	11929
Site address	Weeks Site, TAMINICK GAP VIC 3675
Co-ordinates (GDA94)	Latitude: -36.415447 Longitude: 146.214672

Transmitter details

Assigned frequency	430.150000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001356435
Transmitter power	25.00 W
EIRP	41.49 W
Emission designator	16K0F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Dipole-D

Receiver details

Assigned frequency	441.150000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001356436
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

Antenna details

Antenna ID	60008
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
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 17:

Site details

Site ID	11916
Site address	WIA Tower, 14 km SE of Euroa, MT WOMBAT VIC 3666
Co-ordinates (GDA94)	Latitude: -36.849308 Longitude: 145.67307

Transmitter details

Assigned frequency	438.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001807068
Transmitter power	50.00 W
EIRP	82.98 W
Emission designator	16K0F9W

Antenna details

Antenna ID	80442
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D

Receiver details

Assigned frequency	431.650000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001807069
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

Antenna details

Antenna ID	80442
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Dipole-D