

# 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	213139/3
Callsign	VK3RWG
Date of issue	16/02/2024
Date of effect	16/02/2024
Date of expiry	25/03/2025

## 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](mailto:info@acma.gov.au)

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

## **Advisory Notes applying to licence no.: 213139/3**

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	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	440.400000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277382
Transmitter power	10.00 W
EIRP	158.49 W
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	10
Antenna type	Yagi (Vertical Polarisation)-Y

#### Receiver details

Assigned frequency	440.400000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277383
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	0.00
Antenna height (m)	10
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 2:

#### Site details

Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	434.250000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277385
Transmitter power	10.00 W
EIRP	158.49 W
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	268.17
Antenna height (m)	10
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	12023
Site address	10 Everest Crescent, OLINDA VIC 3788
Co-ordinates (GDA94)	Latitude: -37.857864 Longitude: 145.364227

#### Receiver details

Assigned frequency	434.250000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277386
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	88.73
Antenna height (m)	10
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 4:

#### Site details

Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	430.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277387
Transmitter power	10.00 W
EIRP	158.49 W
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	268.17
Antenna height (m)	10
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 5:

#### Site details

Site ID	12023
Site address	10 Everest Crescent, OLINDA VIC 3788
Co-ordinates (GDA94)	Latitude: -37.857864 Longitude: 145.364227

#### Receiver details

Assigned frequency	430.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0002277388
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

#### Antenna details

Antenna ID	20131
Antenna polarisation	V - Vertical linear
Antenna azimuth	88.73
Antenna height (m)	10
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 6:

#### Site details

Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	438.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001909912
Transmitter power	50.00 W
EIRP	100.00 W
Emission designator	16K0F9W

#### Antenna details

Antenna ID	40117
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Parallel array of vertical dipoles-D

#### Receiver details

Assigned frequency	431.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0001909913
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F9W

#### Antenna details

Antenna ID	40117
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	5
Antenna type	Parallel array of vertical dipoles-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 7:

Site details	
Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

Transmitter details	
Assigned frequency	147.225000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515693
Transmitter power	120.00 W
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	147.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515694
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	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

Transmitter details	
Assigned frequency	433.375000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515695
Transmitter power	120.00 W
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	438.375000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515696
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 9:

#### Site details

Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	144.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515697
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	144.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515698
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 10:

#### Site details

Site ID	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	439.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515699
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-

## 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	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Transmitter details

Assigned frequency	430.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515700
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	434.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515701
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-

## 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	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Receiver details

Assigned frequency	29.540000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515702
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-

## 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	42736
Site address	Alpine Resorts Commission Hut, The Summit, MT BAW BAW VIC 3833
Co-ordinates (GDA94)	Latitude: -37.838335 Longitude: 146.274831

#### Receiver details

Assigned frequency	29.540000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515703
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-