

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	213156/4
Callsign	VK3RMM
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

ACMA website: www.acma.gov.au

Advisory Notes applying to licence no.: 213156/4

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	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	449.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0004348145
Transmitter power	10.00 W
EIRP	10.00 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	430.550000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0004348146
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 2:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	438.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326361
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	431.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326362
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 3:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	438.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0004348143
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	431.075000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0004348144
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	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	439.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326363
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	432.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0003326364
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 5:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	147.250000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515866
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	147.850000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515867
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 6:

Site details	
Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details	
Assigned frequency	439.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515868
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	434.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515869
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 7:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	439.850000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515870
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	67
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details

Assigned frequency	434.850000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515871
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	67
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 8:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	1.29850000 GHz
Bandwidth	128.0000 kHz
Freq. assign. ID	0000515872
Transmitter power	50.00 W
EIRP	
Emission designator	128KW7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	1.29850000 GHz
Bandwidth	128.0000 kHz
Freq. assign. ID	0000515873
Transmitter power	N/A
EIRP	N/A
Emission designator	128KW7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
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 9:

Site details	
Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details	
Assigned frequency	10.23000000 GHz
Bandwidth	128.0000 kHz
Freq. assign. ID	0000515874
Transmitter power	10.00 W
EIRP	
Emission designator	128KW7W

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	10.23000000 GHz
Bandwidth	128.0000 kHz
Freq. assign. ID	0000515875
Transmitter power	N/A
EIRP	N/A
Emission designator	128KW7W

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	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	438.050000 MHz
Bandwidth	7.0000 kHz
Freq. assign. ID	0000515876
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	432.650000 MHz
Bandwidth	7.0000 kHz
Freq. assign. ID	0000515877
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
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 11:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	146.962500 MHz
Bandwidth	7.0000 kHz
Freq. assign. ID	0000515878
Transmitter power	100.00 W
EIRP	
Emission designator	6K25W7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	146.362500 MHz
Bandwidth	7.0000 kHz
Freq. assign. ID	0000515879
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

Antenna details

Antenna ID	20010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
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 12:

Site details

Site ID	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	1.27397500 GHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515880
Transmitter power	50.00 W
EIRP	
Emission designator	6K25W7W

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	1.29397500 GHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515881
Transmitter power	N/A
EIRP	N/A
Emission designator	6K25W7W

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	11737
Site address	Police Tower Mt Macedon, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.383441 Longitude: 144.57678

Transmitter details

Assigned frequency	439.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515882
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	16K0F3E

Antenna details

Antenna ID	67
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	25
Antenna type	Dipole-D

Receiver details

Assigned frequency	434.825000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515883
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	67
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	25
Antenna type	Dipole-D

Advisory Notes applying to Station 13

This frequency band is currently under review to accommodate changes in technology. This review may lead to a requirement to change frequency or to cease transmission.