

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	42755
Licensee	Westlakes Amateur Radio Club Inc
Trading name	Westlakes Amateur Radio Club Inc
Licensee address	PO Box 5, BOOLAROO, NSW 2284

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	96246/2
Callsign	VK2RZL
Date of issue	30/10/2023
Date of effect	26/10/2023
Date of expiry	26/10/2024

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

ACMA website: www.acma.gov.au

Special Conditions applying to licence no.: 96246/2

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

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.

Advisory Notes applying to licence no.: 96246/2

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).

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	6334
Site address	Gencom Site, Mount Arthur via, MUSWELLBROOK NSW 2333
Co-ordinates (GDA94)	Latitude: -32.363013 Longitude: 150.858396

Transmitter details

Assigned frequency	438.937500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003062718
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	11K3F9W

Antenna details

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

Receiver details

Assigned frequency	431.937500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003062719
Transmitter power	N/A
EIRP	N/A
Emission designator	11K3F9W

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 2:

Site details

Site ID	6334
Site address	Gencom Site, Mount Arthur via, MUSWELLBROOK NSW 2333
Co-ordinates (GDA94)	Latitude: -32.363013 Longitude: 150.858396

Transmitter details

Assigned frequency	146.875000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514757
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	146.275000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514758
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 3:

Site details

Site ID	6334
Site address	Gencom Site, Mount Arthur via, MUSWELLBROOK NSW 2333
Co-ordinates (GDA94)	Latitude: -32.363013 Longitude: 150.858396

Transmitter details

Assigned frequency	1.25950000 GHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514760
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	1063
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y

Receiver details

Assigned frequency	1.24050000 GHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000514763
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	1063
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Horizontal Polarisation)-Y