

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	291086
Licensee	Great Lakes Radio Club Incorporated
Licensee address	PO Box 319, FORSTER, NSW 2428

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	1223371/2
Callsign	VK2RGL
Date of issue	29/04/2024
Date of effect	29/04/2024
Date of expiry	23/05/2025

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.: 1223371/2

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	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details

Assigned frequency	147.100000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516903
Transmitter power	120.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	71
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Coaxial Dipole-D

Receiver details

Assigned frequency	147.700000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516904
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	71
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
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 2:

Site details

Site ID	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details

Assigned frequency	144.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516907
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	144.725000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516908
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-

Special Conditions applying to Station 2

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.

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	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details

Assigned frequency	440.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516909
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	440.050000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516910
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-

Special Conditions applying to Station 3

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.

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	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details

Assigned frequency	147.200000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516911
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Dipole-D

Receiver details

Assigned frequency	147.800000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516912
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details

Antenna ID	50009
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 5:

Site details	
Site ID	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details	
Assigned frequency	439.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516913
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F3E

Antenna details	
Antenna ID	13184
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Coaxial Dipole-D

Receiver details	
Assigned frequency	434.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516914
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F3E

Antenna details	
Antenna ID	13184
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
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 6:

Site details

Site ID	7463
Site address	CountryTell & Great Lakes FM 40m Lattice Tower, Cabbage Tree Mtn, off Cabbage Tree Rd, UPPER MYALL NSW 2425
Co-ordinates (GDA94)	Latitude: -32.25852 Longitude: 152.120421

Transmitter details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516915
Transmitter power	25.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	80241
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole-D

Receiver details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000516916
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	80241
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole-D

Special Conditions applying to Station 6

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