

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	118314
Licensee	Central Highlands Amateur Radio Club
Licensee address	84 Retro Street, EMERALD, QLD 4720

Licence details

Licence service	Amateur
Licence subservice	Amateur Repeater
Licence number	174479/1
Callsign	VK4RBD
Date of issue	01/07/2023
Date of effect	30/06/2023
Date of expiry	05/08/2024

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.: 174479/1

The callsign must be encoded into the transmitter.

Advisory Notes applying to licence no.: 174479/1

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	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	146.950000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515471
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	146.350000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515472
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 2:

Site details

Site ID	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	144.900000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515473
Transmitter power	20.00 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	144.900000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515474
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	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	440.450000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515475
Transmitter power	50.00 W
EIRP	
Emission designator	16K0F2D

Antenna details

Antenna ID	60043
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	430.450000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515476
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	60043
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 3

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

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

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	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515477
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	16K0F2D

Antenna details

Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details

Assigned frequency	145.175000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515478
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Special Conditions applying to Station 4

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

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

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	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	146.637500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515479
Transmitter power	100.00 W
EIRP	
Emission designator	10K1F2D

Antenna details

Antenna ID	60013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	30
Antenna type	Dipole-D

Receiver details

Assigned frequency	146.037500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000515480
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	60013
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 6:

Site details

Site ID	17315
Site address	Beaney's Site, BLACKDOWN TABLELAND QLD 4702
Co-ordinates (GDA94)	Latitude: -23.774068 Longitude: 149.116831

Transmitter details

Assigned frequency	439.925000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515481
Transmitter power	50.00 W
EIRP	166.00 W
Emission designator	16K0F2D

Antenna details

Antenna ID	20084
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Colinear Vertical-U

Receiver details

Assigned frequency	434.425000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000515482
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

Antenna details

Antenna ID	20084
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	20
Antenna type	Colinear Vertical-U