

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	61629
Licensee	Family Radio Limited
Trading name	Family Radio Ltd
Licensee address	PO Box 965, MILTON BC, QLD 4064

Licence details

Licence service	Fixed
Licence subservice	Sound Outside Broadcast
Licence number	1413430/2
Callsign	4FRB
Date of issue	27/07/2023
Date of effect	27/07/2023
Date of expiry	27/07/2024

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

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

Special Conditions applying to licence no.: 1413430/2

The station authorised by this licence can only be used for sound outside broadcasting (SOB) purposes. The allocated bands are subject to sharing arrangements with other SOB services. No interference shall be caused to a radiocommunications station or service operating on a primary basis and no protection from such stations is able to be afforded.

Advisory Notes applying to licence no.: 1413430/2

Conditions applicable to the operation of Sound Outside Broadcast station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination. Copies of these determinations are available from the ACMA and from the ACMA home page (www.acma.gov.au).

1. Sound Outside Broadcast services typically employ a yagi antenna for itinerant operation, however in accordance with RALI FX11, a 2 metre grid parabolic antenna should be used where practicable.

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.

Station 1:

Sited details

Site ID	35087		
Site address	Community Radio Site The Summit, Sir Samuel Griffith Drv, MOUNT COOT-THA QLD 4069		
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	846.000000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660561
Emission designator	180KF8E

Antenna details

Antenna ID	70074
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 1

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

Station 2:

Sited details

Site ID	35087		
Site address	Community Radio Site The Summit, Sir Samuel Griffith Drv, MOUNT COOT-THA QLD 4069		
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	845.600000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660560
Emission designator	180KF8E

Antenna details

Antenna ID	70074
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 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.

Station 3:**Sited details**

Site ID	35087		
Site address			
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	846.000000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660556
Emission designator	180KF8E

Antenna details

Antenna ID	70074
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 3

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

Station 4:**Sited details**

Site ID	35087		
Site address			
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	845.400000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660553
Emission designator	180KF8EH

Antenna details

Antenna ID	1013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 4

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 845.4 MHz; with a maximum bandwidth of 200 kHz; a maximum transmitter power of 5 watts; and within the spectrum area specified on the licence.

Station 5:

Sited details

Site ID	35087		
Site address			
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	845.800000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660554
Emission designator	180KF8EH

Antenna details

Antenna ID	1013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 5

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 845.8 MHz; with a maximum bandwidth of 200 kHz; a maximum transmitter power of 5 watts; and within the spectrum area specified on the licence.

Station 6:**Sited details**

Site ID	35087		
Site address			
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	846.200000 MHz
Bandwidth	200.0000 kHz
Freq. assign. ID	0000660555
Emission designator	180KF8EH

Antenna details

Antenna ID	1013
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 6

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 846.2 MHz; with a maximum bandwidth of 200 kHz; a maximum transmitter power of 5 watts; and within the spectrum area specified on the licence.

Station 7:

Sited details

Site ID	35087
Site address	Community Radio Site The Summit, Sir Samuel Griffith Drv, MOUNT COOT-THA QLD 4069
Co-ordinates (GDA94)	Latitude: -27.463175 Longitude: 152.947118

Receiver details

Assigned frequency	845.400000 MHz
Bandwidth	180.0000 kHz
Freq. assign. ID	0000660557
Emission designator	180KF8EHF

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Advisory Notes applying to Station 7

1. Sound Outside Broadcast services typically employ a yagi antenna for itinerant operation, however in accordance with RALI FX11, a 2 metre grid parabolic antenna should be used where practicable.

Special Conditions applying to Station 7

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 845.4 MHz; with a maximum bandwidth of 180 kHz; a maximum transmitter power of 5 watts; and within 50 kilometres of the site specified on the licence.

Station 8:

Sited details

Site ID	35087
Site address	Community Radio Site The Summit, Sir Samuel Griffith Drv, MOUNT COOT-THA QLD 4069
Co-ordinates (GDA94)	Latitude: -27.463175 Longitude: 152.947118

Receiver details

Assigned frequency	845.800000 MHz
Bandwidth	180.0000 kHz
Freq. assign. ID	0000660558
Emission designator	180KF8EHF

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 8

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 845.8 MHz; with a maximum bandwidth of 180 kHz; a maximum transmitter power of 5 watts; and within 50 kilometres of the site specified on the licence.

Station 9:**Sited details**

Site ID	35087		
Site address	Community Radio Site The Summit, Sir Samuel Griffith Drv, MOUNT COOT-THA QLD 4069		
Co-ordinates (GDA94)	Latitude: -27.463175	Longitude:	152.947118

Receiver details

Assigned frequency	846.200000 MHz		
Bandwidth	180.0000 kHz		
Freq. assign. ID	0000660559		
Emission designator	180KF8EHF		

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 9

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 846.2 MHz; with a maximum bandwidth of 180 kHz; a maximum transmitter power of 5 watts; and within 50 kilometres of the site specified on the licence.