

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	210019
Licensee	Country Fire Authority
Licensee address	PO Box 701, MOUNT WAVERLEY, VIC 3149

## Licence details

Licence service	Fixed
Licence subservice	Point to Point (5.8GHz) Band
Licence number	10105280/1
Date of issue	12/08/2023
Date of effect	12/08/2023
Date of expiry	21/09/2024

## 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](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://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.: 10105280/1**

The 3 dB antenna beamwidth of transmitters must not exceed +/- 5.5 degrees in the horizontal plane, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.

The emissions of transmitters must comply with the undesirable emission limits specified in the Federal Communications Commission (FCC) Rule 15.407 (b) (4) and also with the transmit spectrum mask requirements of section 17.3.9.2 of the Institute of Electrical and Electronics Engineers (IEEE) Standard 802.11a - 1999, except where the transmitter complies with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence.

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

### **Advisory Notes applying to licence no.: 10105280/1**

Conditions applicable to the operation of Point to Point (5.8 GHz band) 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, 'the Fixed LCD'. Copies of these determinations are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

Transmitters that comply with the Radiocommunications (Low Interference Potential Devices) Class Licence or Radiocommunications (Spread Spectrum Devices) Class Licence are listed on this licence for information only.

## 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.

### Link 1

Site details		Site 1	Site 2
Site ID		45661	43959
Site address		Fire Tower, MT GELLIBRAND VIC 3243	CFA/SES Site, Harding St, WINCHELSEA VIC 3241
Co-ordinates (GDA94)		Lat: -38.235206 Long: 143.791742	Lat: -38.239007 Long: 143.992030
Equipment details:			
Assigned TX frequency		5.78500000 GHz	5.78500000 GHz
Assigned RX frequency		5.78500000 GHz	5.78500000 GHz
Bandwidth		20.000000 MHz	20.000000 MHz
Freq. assign. ID		0001706734	0001706736
Transmitter power		316 mW	316 mW
EIRP		158.38 W	158.38 W
Emission designator		20M0G7W	20M0G7W
Antenna details			
Antenna ID		13658	13658
Antenna polarisation		M - Mixed	M - Mixed
Antenna azimuth		91.40	271.30
Antenna height (m)		10	20
Antenna type		Parabolic-P	Parabolic-P