

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	1201931
Licensee	Nine Network Australia Pty Ltd
Trading name	TCN 9 Sydney
Licensee address	PO Box 27, WILLOUGHBY, NSW 2068

Licence details

Licence service	Fixed
Licence subservice	Television Outside Broadcast Network
Licence number	1567325/1
Date of issue	17/11/2020
Date of effect	17/11/2020
Date of expiry	30/09/2021

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.: 1567325/1

Television outside broadcast receivers operating in the 7.145 GHz to 7.235 GHz frequency range are not protected from the operation of fixed earth transmitters operating in that frequency range

This licence authorises the operation of stations using any type of emissions provided that the emissions are contained within the frequency bands specified in the licence.

Advisory Notes applying to licence no.: 1567325/1

Conditions applicable to the operation of Television Outside Broadcast Network 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).

This licence is issued on the basis that independent non capital city members of the Free TV Australia will be provided with access, under a third party authorisation, to the assigned channels for the purposes of television outside broadcasts.

Licensees may authorise other persons, in writing, to operate Radiocommunications devices under the licence for the purposes of television outside broadcasts.

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:

Area wide details:	
Area ID	1
Area name	Australia-wide

Receiver details	
Assigned frequency	12.84900000 GHz
Bandwidth	28.000000 MHz
Freq. assign. ID	0001154624
Emission designator	28M0F9W

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

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.

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 12849 MHz; with a maximum bandwidth of 28 MHz; a maximum transmitter power of 10 watts; and within 50 kilometres of the site specified on the licence.

Station 2:

Area wide details:	
Area ID	1
Area name	Australia-wide

Receiver details	
Assigned frequency	12.93300000 GHz
Bandwidth	28.000000 MHz
Freq. assign. ID	0001154625
Emission designator	28M0F9W

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

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.

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 12933 MHz; with a maximum bandwidth of 28 MHz; a maximum transmitter power of 10 watts; and within 50 kilometres of the site specified on the licence.

Station 3:

Area wide details:	
Area ID	1
Area name	Australia-wide

<u>Receiver details</u>	
Assigned frequency	13.18500000 GHz
Bandwidth	28.000000 MHz
Freq. assign. ID	0001154626
Emission designator	28M0F9W

<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

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.

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 13185 MHz; with a maximum bandwidth of 28 MHz; a maximum transmitter power of 10 watts; and within 50 kilometres of the site specified on the licence.

Station 4:

Area wide details:	
Area ID	1
Area name	Australia-wide

<u>Receiver details</u>	
Assigned frequency	13.23850000 GHz
Bandwidth	23.000000 MHz
Freq. assign. ID	0001154627
Emission designator	23M0F9W

<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 4

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

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 13238.5 MHz; with a maximum bandwidth of 23 MHz; a maximum transmitter power of 10 watts; and within 50 kilometres of the site specified on the licence.

Station 5:

Area wide details:	
Area ID	1
Area name	Australia-wide

<u>Receiver details</u>	
Assigned frequency	7.12750000 GHz
Bandwidth	45.000000 MHz
Freq. assign. ID	0001154628
Emission designator	45M0F9W

<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 5

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 7127.5 MHz; with a maximum bandwidth of 45 MHz; a maximum transmitter power of 20 watts; and within 50 kilometres of the site specified on the licence.

Operation in the frequency range 7.105 GHz to 7.150 GHz commences from 1 July 2005.

Station 6:

Area wide details:	
Area ID	1
Area name	Australia-wide

<u>Receiver details</u>	
Assigned frequency	7.26250000 GHz
Bandwidth	45.000000 MHz
Freq. assign. ID	0001154629
Emission designator	45M0F9W

<u>Antenna details</u>	
Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 6

Operation in the frequency range 7.240 GHz to 7.285 GHz commences from 1 July 2005.

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 7262.5 MHz; with a maximum bandwidth of 45 MHz; a maximum transmitter power of 20 watts; and within 50 kilometres of the site specified on the licence.

Station 7:

Area wide details:	
Area ID	1
Area name	Australia-wide

Receiver details	
Assigned frequency	2.07000000 GHz
Bandwidth	24.000000 MHz
Freq. assign. ID	0001154630
Emission designator	24M0F9W

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

Special Conditions applying to Station 7

Radio emission must not occur in the frequency band 100 - 230 MHz within 150 kilometres of Mileura Station, Western Australia. In addition, radio emission must not occur in the frequency band 230 MHz to 25.25 GHz within 100 kilometres of Mileura Station. Mileura Station geographic coordinates are Latitude 26degrees 37min 13.4sec South, Longitude 117degrees 30min 40sec East.

Operation is to be in accordance with the requirements contained in Radiocommunications Assignment and Licensing Instruction FX 21

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 2070 MHz; with a maximum bandwidth of 24 MHz; a maximum transmitter power of 20 watts; and within 50 kilometres of the site specified on the licence.

Station 8:

Area wide details:	
Area ID	1
Area name	Australia-wide

Receiver details	
Assigned frequency	2.21200000 GHz
Bandwidth	16.000000 MHz
Freq. assign. ID	0001154631
Emission designator	16M0F9W
Antenna details	
Antenna ID	1
Antenna polarisation	
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 8

Radio emission must not occur in the frequency band 100 - 230 MHz within 150 kilometres of Mileura Station, Western Australia. In addition, radio emission must not occur in the frequency band 230 MHz to 25.25 GHz within 100 kilometres of Mileura Station. Mileura Station geographic coordinates are Latitude 26degrees 37min 13.4sec South, Longitude 117degrees 30min 40sec East.

Operation in the Perth area, as defined in Table B in the Schedule to Radiocommunications (Spectrum Re-allocation) Declaration No. 2 of 2011, is not to commence before 1 January 2016.

Operation is to be in accordance with the requirements contained in Radiocommunications Assignment and Licensing Instruction FX 21

This licence authorises the licensee to operate: on the frequency channel with a centre frequency of 2212 MHz; with a maximum bandwidth of 16 MHz; a maximum transmitter power of 20 watts; and within 50 kilometres of the site specified on the licence.