

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20030016
Licensee	VELLICHOR NETWORKS PTY LTD
Trading name	Vellichor Networks
Licensee address	31 Chiltern Crescent, Castle Hill, NSW 2154

Licence details

Licence service	Fixed
Licence subservice	Point to Point (Self Coordinated)
Licence number	12346975/1
Date of issue	09/04/2024
Date of effect	09/04/2024
Date of expiry	08/04/2025

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

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*.

Advisory Notes applying to licence no.: 12346975/1

Conditions applicable to the operation of Point to Point (self-coordinated), 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 licence lcd'. 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.

Link 1

Site details		Site 1	Site 2
Site ID		48711	10000374
Site address		ABC Tower, 221 Pacific Highway, GORE HILL NSW 2064	200 Bourke Rd, ALEXANDRIA NSW
Co-ordinates (GDA94)		Lat: -33.820079 Long: 151.185	Lat: -33.918223 Long: 151.189052
Equipment details:			
Assigned TX frequency		83.62500000 GHz	73.62500000 GHz
Assigned RX frequency		73.62500000 GHz	83.62500000 GHz
Bandwidth		1,000.000000 MHz	1,000.000000 MHz
Freq. assign. ID		0004408994	0004408996
Transmitter power		398 mW	398 mW
EIRP		47.86 kW	47.86 kW
Emission designator		1G00F1D	1G00F1D
Antenna details			
Antenna ID		13395	13395
Antenna polarisation		V - Vertical linear	V - Vertical linear
Antenna azimuth		178.50	358.30
Antenna height (m)		80.00	28.00
Antenna type		Parabolic-P	Parabolic-P

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.

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.

Link 2

Site details		Site 1	Site 2
Site ID		48711	10000374
Site address		ABC Tower, 221 Pacific Highway, GORE HILL NSW 2064	200 Bourke Rd, ALEXANDRIA NSW
Co-ordinates (GDA94)		Lat: -33.820079 Long: 151.185	Lat: -33.918223 Long: 151.189052
Equipment details:			
Assigned TX frequency		83.62500000 GHz	73.62500000 GHz
Assigned RX frequency		73.62500000 GHz	83.62500000 GHz
Bandwidth		1,000.000000 MHz	1,000.000000 MHz
Freq. assign. ID		0004408994	0004408996
Transmitter power		398 mW	398 mW
EIRP		47.86 kW	47.86 kW
Emission designator		1G00F1D	1G00F1D
Antenna details			
Antenna ID		13395	13395
Antenna polarisation		H - Horizontal linear	H - Horizontal linear
Antenna azimuth		178.50	358.30
Antenna height (m)		80.00	28.00
Antenna type		Parabolic-P	Parabolic-P

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.

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.