

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	525851
Licensee	NEW SOUTH WALES GOVERNMENT TELECOMMUNICATIONS AUTHORITY
Trading name	Telco Authority (PSN)
Licensee address	Locked Bag 2, HAYMARKET, NSW 1240

Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	471960/1
Callsign	VH2RAH
Date of issue	27/11/2023
Date of effect	27/11/2023
Date of expiry	30/06/2024

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

Advisory Notes applying to licence no.: 471960/1

Conditions applicable to the operation of Land Mobile System station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Land Mobile 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	35506
Site address	NSW Telco Authority 25m monopole, Adjacent southern water reservoir 209 Forest Way, BELROSE NSW 2085
Co-ordinates (GDA94)	Latitude: -33.71766 Longitude: 151.21877889

Transmitter details

Assigned frequency	417.175000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000603759
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F9W

Antenna details

Antenna ID	60055
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Parallel array of vertical dipoles-A

Receiver details

Assigned frequency	407.725000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000603762
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	60055
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Parallel array of vertical dipoles-A

Special Conditions applying to Station 1

The level of power in the adjacent channel must not exceed -16dBm.

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

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.

Supplementary Station Site

Station 2:

Site details

Site ID	9010154
Site address	Top Ryde City Retail, Cnr Devlin St & Blaxland Dr, RYDE NSW 2112
Co-ordinates (GDA94)	Latitude: -33.81240477 Longitude: 151.10580602

Transmitter details

Assigned frequency	417.175000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000603757
Transmitter power	5.00 W
EIRP	8.40 W
Emission designator	10K1F3E

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	407.725000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000603758
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

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 2

The level of power in the adjacent channel must not exceed -16dBm.

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.