

# 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 (GRN)
Licensee address	Locked Bag 2, HAYMARKET, NSW 1240

## Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	1229300/2
Callsign	VH2RAH
Date of issue	27/11/2021
Date of effect	27/11/2021
Date of expiry	05/01/2023

## 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)

## **Advisory Notes applying to licence no.: 1229300/2**

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](http://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	203347
Site address	Brentwood Apartments, 59-63 Ewos Parade, CRONULLA NSW 2230
Co-ordinates (GDA94)	Latitude: -34.061997 Longitude: 151.153140

Transmitter details	
Assigned frequency	417.487500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000686329
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F9W

Antenna details	
Antenna ID	70409
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details	
Assigned frequency	408.037500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000686332
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details	
Antenna ID	70409
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

### 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	201434
Site address	St George Hospital, Gray Street, KOGARAH NSW 2217
Co-ordinates (GDA94)	Latitude: -33.966494 Longitude: 151.133834

Transmitter details	
Assigned frequency	417.487500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003015625
Transmitter power	8.30 W
EIRP	8.30 W
Emission designator	10K1F9W

Antenna details	
Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.037500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003015626
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details	
Antenna ID	80881
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.

The level of all discrete spurious components, measured at the output of the transmitter, must not exceed -30dBm.