

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	10426065/5
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.: 10426065/5

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	201854
Site address	Axicom 102.7m Lattice Tower, 77-89 Border Rd, HORSLEY PARK NSW 2164
Co-ordinates (GDA94)	Latitude: -33.86154777 Longitude: 150.85494715

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114207
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F9W

Antenna details

Antenna ID	60333
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	90
Antenna type	Dipole-D

Receiver details

Assigned frequency	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114208
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	60333
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	90
Antenna type	Dipole-D

Special Conditions applying to Station 1

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	136717
Site address	Parramatta Justice Precinct, Cnr George and Marsden Sts, PARRAMATTA NSW 2150
Co-ordinates (GDA94)	Latitude: -33.81231888 Longitude: 151.00157485

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114209
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114210
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

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

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Supplementary Station Site

Station 3:

Site details

Site ID	10024
Site address	Penrith Plaza, Jane St, PENRITH NSW 2750
Co-ordinates (GDA94)	Latitude: -33.75164174 Longitude: 150.69290562

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114211
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114212
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 3

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 4:

Site details

Site ID	201794
Site address	Westpoint Blacktown, Patrick and Alpha Streets, BLACKTOWN NSW 2148
Co-ordinates (GDA94)	Latitude: -33.77034806 Longitude: 150.90605806

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114213
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114214
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 4

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 5:

Site details

Site ID	201113
Site address	Telstra Site Westfield (top of Lifts in Carpark), cnr Church & Argyle St, PARRAMATTA NSW 2150
Co-ordinates (GDA94)	Latitude: -33.8178519 Longitude: 151.00135894

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114215
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114216
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 5

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 6:

Site details

Site ID	202471
Site address	Telstra Site, 753 Hume Hwy, BASS HILL NSW 2197
Co-ordinates (GDA94)	Latitude: -33.9000201 Longitude: 150.99334431

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114217
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002114218
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 6

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

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Supplementary Station Site

Station 7:

Site details

Site ID	10012090
Site address	Northmead Super Station, 195 Briens Rd, Northmead NSW
Co-ordinates (GDA94)	Latitude: -33.7987 Longitude: 150.98162611

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002240824
Transmitter power	8.30 W
EIRP	8.30 W
Emission designator	10K1F9W

Antenna details

Antenna ID	80219
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002240825
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	80219
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 7

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

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

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 8:

Site details

Site ID	10015528		
Site address	Sydney Metro Train Facility Administration Building, 47 Tallawong Road, ROUSE HILL NSW		
Co-ordinates (GDA94)	Latitude: -33.69144194	Longitude:	150.89921694

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002378990
Transmitter power	8.30 W
EIRP	8.30 W
Emission designator	10K1F9W

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002378991
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 8

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

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

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 9:

Site details

Site ID	205935
Site address	Admin Bld Blacktown Hospital, Blacktown Rd, BLACKTOWN NSW 2148
Co-ordinates (GDA94)	Latitude: -33.77648396 Longitude: 150.91749383

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002855383
Transmitter power	5.00 W
EIRP	8.30 W
Emission designator	10K1F9W

Antenna details

Antenna ID	60010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details

Assigned frequency	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002855384
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F9W

Antenna details

Antenna ID	60010
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Special Conditions applying to Station 9

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

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

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 10:

Site details

Site ID	10026670
Site address	New Hospital Building, Nepean Hospital, Derby Street, KINGSWOOD NSW
Co-ordinates (GDA94)	Latitude: -33.75939 Longitude: 150.71481694

Transmitter details

Assigned frequency	417.012500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003260083
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	407.562500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003260084
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 10

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.