

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	1136980
Licensee	Vodafone Hutchison Australia Pty Limited
Licensee address	Attn Paul Kinnane PO Box 1113, NORTH SYDNEY, NSW 2060

Licence details

Licence service	PTS
Licence subservice	PMTS Class B
Licence number	9954859/2
Date of issue	18/05/2023
Date of effect	18/05/2023
Date of expiry	12/05/2024

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

Special Conditions applying to licence no.: 9954859/2

The licensee must cooperate to the extent necessary to prevent its radiocommunications services from inhibiting the use of radiofrequency spectrum by other licensees operating under a public telecommunication service licence in the area surrounding the station location specified on this licence.

Advisory Notes applying to licence no.: 9954859/2

If interference to a station operated under this licence is caused by a radiocommunications device that is authorised to operate under a spectrum licence, ACMA will consider any dispute from the starting point that the spectrum licence has priority over this licence, irrespective of the date that the spectrum licenced device was first operated.

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	9002666
Site address	Picton East,, Lot 2 Australind Bypass, EATON WA 6227
Co-ordinates (GDA94)	Latitude: -33.3253 Longitude: 115.720663

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650267
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	35
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650268
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	35
Antenna type	Panel (1 sector)-R

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 2:

Site details	
Site ID	600776
Site address	Telstra PMTS Site Calingup Road, GELORUP WA 6237
Co-ordinates (GDA94)	Latitude: -33.443225 Longitude: 115.624822

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650269
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	42
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650270
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	42
Antenna type	Panel (1 sector)-R

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 3:

Site details

Site ID	133732
Site address	Mobile Network Australia, Wimbridge Rd, PICTON WA 6229
Co-ordinates (GDA94)	Latitude: -33.34682 Longitude: 115.69651

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650271
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	36
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650272
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	36
Antenna type	Panel (1 sector)-R

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 4:

Site details	
Site ID	441429
Site address	WAWA Water Tower Milligan Avenue, AUSTRALIND WA 6233
Co-ordinates (GDA94)	Latitude: -33.279899 Longitude: 115.720957

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650273
Transmitter power	80.00 W
EIRP	2.84 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	81305
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	20
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650274
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	81305
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	20
Antenna type	Panel (1 sector)-R

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 5:

Site details

Site ID	9010415
Site address	Bunbury Central, 7 (Lot 500) Sandridge Road, SOUTH BUNBURY WA 6230 WA 6230
Co-ordinates (GDA94)	Latitude: -33.340458 Longitude: 115.650606

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650275
Transmitter power	80.00 W
EIRP	2.84 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	81305
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	37
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650276
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	81305
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	37
Antenna type	Panel (1 sector)-R

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 6:

Site details	
Site ID	9012206
Site address	Telstra RBS Site, Lot 2 Maidment Pde, DALYELLUP WA 6230
Co-ordinates (GDA94)	Latitude: -33.391342 Longitude: 115.611043

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650277
Transmitter power	80.00 W
EIRP	2.65 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	81270
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650278
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	81270
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

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 7:

Site details	
Site ID	9023430
Site address	Vodafone Monopole, 4 Jules Road, GELORUP WA 6237
Co-ordinates (GDA94)	Latitude: -33.410518 Longitude: 115.653044

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650279
Transmitter power	80.00 W
EIRP	2.65 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	81270
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650280
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	81270
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	30
Antenna type	Panel (1 sector)-R

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 8:

Site details

Site ID	600893
Site address	Optus Tower, Mineral Sands Mining Bunbury Wharf, BUNBURY WA 6230
Co-ordinates (GDA94)	Latitude: -33.320123 Longitude: 115.652529

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001306052
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	42
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001306053
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	42
Antenna type	Panel (1 sector)-R

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 9:

Site details

Site ID	131204		
Site address	Optus/Vodafone Site Water Board Reservoir, Nevin Court Mangles, BUNBURY WA 6230		
Co-ordinates (GDA94)	Latitude: -33.348449	Longitude:	115.629247

Transmitter details

Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650263
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

Receiver details

Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650264
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details

Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

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 10:

Site details	
Site ID	601338
Site address	Vodafone Site Carey Park Edith Cowan University, BUNBURY WA 6230
Co-ordinates (GDA94)	Latitude: -33.37157 Longitude: 115.65235

Transmitter details	
Assigned frequency	2.11500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650265
Transmitter power	80.00 W
EIRP	3.57 kW
Emission designator	10M0W7D

Antenna details	
Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	35
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.92500000 GHz
Bandwidth	10.000000 MHz
Freq. assign. ID	0001650266
Transmitter power	N/A
EIRP	N/A
Emission designator	10M0W7D

Antenna details	
Antenna ID	40104
Antenna polarisation	S - Slant
Antenna azimuth	
Antenna height (m)	35
Antenna type	Panel (1 sector)-R