Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority

Licensee details

Customer ID	20053839
Licensee	TELSTRA LIMITED
Trading name	Telstra - Commercial Engineering - Spectrum Strategy
Licensee address	Locked Bag 3501, BRISBANE, QLD 4001

Licence details

Licence service	PTS
Licence subservice	PMTS Class B
Licence number	1927709/1
Date of issue	12/10/2023
Date of effect	12/10/2023
Date of expiry	11/10/2025

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.*

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	25661
Site address	Telstra Site, Lot 728 Olympic Way, ROXBY DOWNS SA 5725
Co-ordinates (GDA94)	Latitude: -30.546465 Longitude: 136.89464

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908766
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908769
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 1

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 1

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.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

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	131909
Site address	Telstra CDMA, East of Stuart Rd, ROXBY DOWNS SA 5725
Co-ordinates (GDA94)	Latitude: -30.5627 Longitude: 136.91192

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908770
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	51
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908773
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	51
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 2

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 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.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

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	25661
Site address	Telstra Site, Lot 728 Olympic Way, ROXBY DOWNS SA 5725
Co-ordinates (GDA94)	Latitude: -30.546465 Longitude: 136.89464

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908774
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908777
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	34
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 3

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 3

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

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.

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	131909
Site address	Telstra CDMA, East of Stuart Rd, ROXBY DOWNS SA 5725
Co-ordinates (GDA94)	Latitude: -30.5627 Longitude: 136.91192

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908778
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	51
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908781
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	51
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 4

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 4

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.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

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	9003863
Site address	Telstra, Corner Olympic Way & Charlton Road, OLYMPIC DAM SA 5725
Co-ordinates (GDA94)	Latitude: -30.4886 Longitude: 136.892883

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908782
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908785
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 5

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 5

If sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station because of a condition specified in this licence, the station must be operated:

a) in a manner that does not cause harmful interference to licensed radiocommunications devices; and

b) on the basis that the licensee cannot claim protection from harmful interference from licensed radiocommunications devices.

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.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply with respect to the operation of a station under the licence, if the station:

a) has an indoor fixed antenna and a radiated true mean power less than or equal to 24 dBm EIRP/occupied bandwidth;

b) is within a 15 kilometre radius of the location specified for the spectrum access; and

c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

The licensee is not authorised to operate a station:

(a) in the geographic areas; and

(b) on the frequencies, where a spectrum licence is in force.

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	9003863
Site address	Telstra, Corner Olympic Way & Charlton Road, OLYMPIC DAM SA 5725
Co-ordinates (GDA94)	Latitude: -30.4886 Longitude: 136.892883

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908786
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000908789
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W
Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 6

The shared spectrum arrangements and uncoordinated nature of mobile-satellite service transmitters operated under class licences in the 1980-2010 MHz band:

a. may result in interference from nearby class licensed radiocommunications devices and may reduce system performance; and

b. protection from such interference cannot be afforded.

Special Conditions applying to Station 6

If sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply to a station because of a condition specified in this licence, the station must be operated:

a) in a manner that does not cause harmful interference to licensed radiocommunications devices; and

b) on the basis that the licensee cannot claim protection from harmful interference from licensed radiocommunications devices.

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.

The operation of radiocommunications transmitters under this licence must not cause harmful interference to earth receive apparatus licences issued before the date of approval of this licence.

Sections 5 and 7 of the Radiocommunications Licence Conditions (PTS Licence) Determination do not apply with respect to the operation of a station under the licence, if the station:

a) has an indoor fixed antenna and a radiated true mean power less than or equal to 24 dBm EIRP/occupied bandwidth;

b) is within a 15 kilometre radius of the location specified for the spectrum access; and

c) uses the receive or transmit frequencies and the emission designator specified for the spectrum access.

The licensee is not authorised to operate a station:

(a) in the geographic areas; and

(b) on the frequencies, where a spectrum licence is in force.