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	1927867/1
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

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	14697
Site address	Telstra Radio Terminal Jondaryan, BLOODWOOD HILL QLD 4403
Co-ordinates (GDA94)	Latitude: -27.378205 Longitude: 151.576029

Transmitter details	
Assigned frequency	2.12250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913902
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)	31
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913905
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)	31
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.

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.

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	14697
Site address	Telstra Radio Terminal Jondaryan, BLOODWOOD HILL QLD 4403
Co-ordinates (GDA94)	Latitude: -27.378205 Longitude: 151.576029

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913906
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)	31
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913909
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)	31
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.

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.

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	131263
Site address	Telstra/Optus/Vodafone Site Water Reserve off Cribb St, OAKEY QLD 4401
Co-ordinates (GDA94)	Latitude: -27.4531 Longitude: 151.72036

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913910
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)	30
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913913
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)	30
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.

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.

Special Conditions applying to Station 3

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 4:**

Site details	
Site ID	9007561
Site address	Telstra Site, 1 Holmes Rd, CRANLEY QLD 4350
Co-ordinates (GDA94)	Latitude: -27.509689 Longitude: 151.880117

Transmitter details	
Assigned frequency	2.12250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913914
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)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913917
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)	40
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.

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.

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	131263
Site address	Telstra/Optus/Vodafone Site Water Reserve off Cribb St, OAKEY QLD 4401
Co-ordinates (GDA94)	Latitude: -27.4531 Longitude: 151.72036

Transmitter details	
Assigned frequency	2.12250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913918
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)	30
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913921
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)	30
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.

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.

Special Conditions applying to Station 5

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 6:**

Site details	
Site ID	9007561
Site address	Telstra Site, 1 Holmes Rd, CRANLEY QLD 4350
Co-ordinates (GDA94)	Latitude: -27.509689 Longitude: 151.880117

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913922
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)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913925
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)	40
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.

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.

Special Conditions applying to Station 6

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 7:**

Site details	
Site ID	401350
Site address	Telstra PMTS Site Cnr Molloy St & Finn Ct, TOOWOOMBA QLD 4350
Co-ordinates (GDA94)	Latitude: -27.553249 Longitude: 151.899443

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913926
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)	29
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913929
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)	29
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 7

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.

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.

Special Conditions applying to Station 7

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 8:**

Site details	
Site ID	401350
Site address	Telstra PMTS Site Cnr Molloy St & Finn Ct, TOOWOOMBA QLD 4350
Co-ordinates (GDA94)	Latitude: -27.553249 Longitude: 151.899443

Transmitter details	
Assigned frequency	2.12250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913930
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)	29
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000913933
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)	29
Antenna type	Panel (1 sector)-R

Advisory Notes applying to Station 8

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.

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.

Special Conditions applying to Station 8

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.