

# 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	1927769/1
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](mailto:info@acma.gov.au)

ACMA website: [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	6280
Site address	Transgrid 36.6m Lattice Tower, Singleton Putty Trig, off Putty Rd, PUTTY NSW 2330
Co-ordinates (GDA94)	Latitude: -32.987462 Longitude: 150.689701

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909866
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)	35
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909869
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)	35
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	6279
Site address	Telstra Exchange, John Street, SINGLETON NSW 2330
Co-ordinates (GDA94)	Latitude: -32.564457 Longitude: 151.167478

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909870
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)	36
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909873
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)	36
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	250203
Site address	Telstra Site, Off Hebden Road, RAVENSWORTH NSW 2330
Co-ordinates (GDA94)	Latitude: -32.419075 Longitude: 151.072971

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909874
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)	66
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909877
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)	66
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	6277
Site address	Telstra Radio Terminal, Obanvale Near, SINGLETON NSW 2330
Co-ordinates (GDA94)	Latitude: -32.507736 Longitude: 151.158285

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909878
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)	32
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909881
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)	32
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	53560
Site address	Common Cmts Site Bowers Crane Yard, Hambledon Hill Road, SINGLETON NSW 2330
Co-ordinates (GDA94)	Latitude: -32.553258 Longitude: 151.141579

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909882
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)	17
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909885
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)	17
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	132787
Site address	Telstra Site, off New England Highway, LIDDELL NSW 2330
Co-ordinates (GDA94)	Latitude: -32.417769 Longitude: 150.963598

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909886
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)	16
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909889
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)	16
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	9001362		
Site address	Telstra Singleton North West, Off New England Highway, SINGLETON HEIGHTS NSW 2330		
Co-ordinates (GDA94)	Latitude: -32.538337	Longitude:	151.153321

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909890
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)	28
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000909893
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)	28
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.