

# 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	1947100/1
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	9001896
Site address	Telstra Site, 22 Bourke St, KYNETON VIC 3444
Co-ordinates (GDA94)	Latitude: -37.237633 Longitude: 144.436851

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918332
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	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918335
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 1**

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.

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 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 2:

#### Site details

Site ID	131919
Site address	Telstra/SMR/RMR site, 10 Hardings Lane, LANCEFIELD VIC 3435
Co-ordinates (GDA94)	Latitude: -37.225831 Longitude: 144.742642

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918336
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	0000918339
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 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	301678	
Site address	Vodafone/Optus Site, 20 Bourke St, KYNETON VIC 3444	
Co-ordinates (GDA94)	Latitude: -37.256647	Longitude: 144.46725

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918340
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	0000918343
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 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	36780
Site address	Telstra Radio Terminal, MT MACEDON VIC 3441
Co-ordinates (GDA94)	Latitude: -37.374512 Longitude: 144.578647

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918344
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)	37
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918347
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)	37
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	305676
Site address	Telstra, Malmsbury-Metcalf Rd, MALMSBURY VIC 3444
Co-ordinates (GDA94)	Latitude: -37.190867 Longitude: 144.398848

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918348
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)	38
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918351
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)	38
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	301766
Site address	Telstra/Optus Site, Lot 1 Buckleys Lane, SPRINGFIELD VIC 3435
Co-ordinates (GDA94)	Latitude: -37.323037 Longitude: 144.795192

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918352
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)	24
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918355
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)	24
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	9002486
Site address	Telstra Site, 45a Murphy Street, ROMSEY VIC 3434
Co-ordinates (GDA94)	Latitude: -37.347165 Longitude: 144.740681

Transmitter details	
Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918356
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)	26
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918359
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)	26
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	9007491
Site address	Telstra Site, Macedon Exit off Calder Freeway, WOODEND VIC 3440
Co-ordinates (GDA94)	Latitude: -37.407304 Longitude: 144.54443

#### Transmitter details

Assigned frequency	2.12750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918360
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)	12
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.93750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0000918363
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)	12
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.