# 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 | 1927922/1 |
| 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 | 6598 |
| Site address | Telstra Exchange, BARRABA NSW 2347 |
| Co-ordinates (GDA94) | Latitude: -30.378027 Longitude: 150.609941 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915258 |
| 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) | 25 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915261 |
| 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) | 25 |
| 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 | 250491 |
| Site address | CMTS Site, Farrer Ag High School Calala Lane, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.144625 Longitude: 150.982466 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915262 |
| 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 | 0000915266 |
| 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 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 | 133209 |
| Site address | Telstra Site, Gunnedah Rd, TAMINDA NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.095642 Longitude: 150.906522 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915268 |
| 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) | 47 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915273 |
| 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) | 47 |
| 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 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 | 6475 |
| Site address | Telstra Site, Bald Hill, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.075905 Longitude: 150.958275 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915274 |
| 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) | 49 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915277 |
| 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) | 49 |
| 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 | 131740 |
| Site address | Telstra Exchange Rooftop Site, 402B Peel St, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.091515 Longitude: 150.931452 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915278 |
| 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 | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915281 |
| 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.

## 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 | 6598 |
| Site address | Telstra Exchange, BARRABA NSW 2347 |
| Co-ordinates (GDA94) | Latitude: -30.378027 Longitude: 150.609941 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915282 |
| 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) | 25 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915285 |
| 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) | 25 |
| 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

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 | 133209 |
| Site address | Telstra Site, Gunnedah Rd, TAMINDA NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.095642 Longitude: 150.906522 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915286 |
| 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) | 47 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915289 |
| 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) | 47 |
| 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.

## 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 | 133530 |
| Site address | Telstra Site, off Fossickers Way, NUNDLE NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.454545 Longitude: 151.100665 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915290 |
| 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 | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915293 |
| 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 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.

## 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.

## 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 | 131740 |
| Site address | Telstra Exchange Rooftop Site, 402B Peel St, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.091515 Longitude: 150.931452 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915294 |
| 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 | 0000915297 |
| 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 9

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 9

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 10:**

| Site details | |
|---|---|
| Site ID | 6475 |
| Site address | Telstra Site, Bald Hill, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.075905 Longitude: 150.958275 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915298 |
| 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) | 49 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915301 |
| 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) | 49 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 10

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 10

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 11:**

| Site details | |
|---|---|
| Site ID | 6485 |
| Site address | Prime Studio Tower, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.127792 Longitude: 150.925602 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915302 |
| 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 | 0000915305 |
| 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 11

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 11

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 12:**

| Site details | |
|---|---|
| Site ID | 6493 |
| Site address | Telstra Exchange, Jean Street, WEST TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.104449 Longitude: 150.915102 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915306 |
| 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 | 0000915309 |
| 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 12

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 12

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 13:**

| Site details | |
|---|---|
| Site ID | 133530 |
| Site address | Telstra Site, off Fossickers Way, NUNDLE NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.454545 Longitude: 151.100665 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915310 |
| 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 | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915313 |
| 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 13

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 13

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 14:**

| Site details | |
|---|---|
| Site ID | 250491 |
| Site address | CMTS Site, Farrer Ag High School Calala Lane, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.144625 Longitude: 150.982466 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915314 |
| 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 | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915317 |
| 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 14

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 14

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 15:**

| Site details | |
|---|---|
| Site ID | 6485 |
| Site address | Prime Studio Tower, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.127792 Longitude: 150.925602 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915318 |
| 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 | 0000915321 |
| 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 15

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 15

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 16:**

| Site details | |
|---|---|
| Site ID | 6519 |
| Site address | Telstra Site, Daves Hill near, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.064437 Longitude: 150.950053 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915322 |
| 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) | 54 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915325 |
| 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) | 54 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 16

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 16

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 17:**

| Site details | |
|---|---|
| Site ID | 6519 |
| Site address | Telstra Site, Daves Hill near, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.064437 Longitude: 150.950053 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915326 |
| 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) | 54 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915329 |
| 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) | 54 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 17

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 17

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 18:**

| Site details | |
|---|---|
| Site ID | 6493 |
| Site address | Telstra Exchange, Jean Street, WEST TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.104449 Longitude: 150.915102 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915330 |
| 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 | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915333 |
| 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 18

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 18

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 19:**

| Site details | |
|---|---|
| Site ID | 9012886 |
| Site address | Telstra Site, 184 Piper St, EAST TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.080266 Longitude: 150.940426 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915334 |
| 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) | 15 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915337 |
| 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) | 15 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 19

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 19

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 20:**

| Site details | |
|---|---|
| Site ID | 9013207 |
| Site address | Telstra RBS Site, Lot 500 21 Lawrence Av, KINGSWOOD NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.155806 Longitude: 150.899077 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915338 |
| 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) | 20 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915341 |
| 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) | 20 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 20

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 20

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 21:**

| Site details | |
|---|---|
| Site ID | 9002246 |
| Site address | One Tree Hill Reservoir, One Tree Hill Reservoir Street, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.116612 Longitude: 150.909776 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915342 |
| 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 | 0000915345 |
| 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 21

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 21

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 22:**

| Site details | |
|---|---|
| Site ID | 9013207 |
| Site address | Telstra RBS Site, Lot 500 21 Lawrence Av, KINGSWOOD NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.155806 Longitude: 150.899077 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915346 |
| 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) | 20 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93750000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915349 |
| 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) | 20 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 22

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 22

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 23:**

| Site details | |
|---|---|
| Site ID | 9002246 |
| Site address | One Tree Hill Reservoir, One Tree Hill Reservoir Street, TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.116612 Longitude: 150.909776 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915350 |
| 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 | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915353 |
| 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 23

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 23

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 24:**

| Site details | |
|---|---|
| Site ID | 9012886 |
| Site address | Telstra Site, 184 Piper St, EAST TAMWORTH NSW 2340 |
| Co-ordinates (GDA94) | Latitude: -31.080266 Longitude: 150.940426 |

| **Transmitter details** | |
|---|---|
| Assigned frequency | 2.12250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915354 |
| 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) | 15 |
| Antenna type | Panel (1 sector)-R |

| **Receiver details** | |
|---|---|
| Assigned frequency | 1.93250000 GHz |
| Bandwidth | 5.000000 MHz |
| Freq. assign. ID | 0000915357 |
| 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) | 15 |
| Antenna type | Panel (1 sector)-R |

## Advisory Notes applying to Station 24

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 24

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.