

# 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	1927679/1
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	139135
Site address	Port Headland Rd, REDBANK WA 6721
Co-ordinates (GDA94)	Latitude: -20.319301 Longitude: 118.633502

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180916
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)	50
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180919
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)	50
Antenna type	Panel (1 sector)-R

## 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	139135
Site address	Port Headland Rd, REDBANK WA 6721
Co-ordinates (GDA94)	Latitude: -20.319301 Longitude: 118.633502

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180920
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)	50
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180923
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)	50
Antenna type	Panel (1 sector)-R

## 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	36706
Site address	Telstra Site Yule River, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.693301 Longitude: 118.349554

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180924
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)	80
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180927
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)	80
Antenna type	Panel (1 sector)-R

## 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	36706
Site address	Telstra Site Yule River, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.693301 Longitude: 118.349554

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180928
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)	80
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180931
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)	80
Antenna type	Panel (1 sector)-R

## 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	601530
Site address	WAWA Site Stanley St, SOUTH HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.396217 Longitude: 118.603632

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180932
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	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180935
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

## 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	35723
Site address	Telstra, South Hedland Exchange, PORT HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.407927 Longitude: 118.595541

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180936
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)	68
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180939
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)	68
Antenna type	Panel (1 sector)-R

## 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	600692
Site address	Telstra Optical Fibre Repeater, YANDEE WA 6752
Co-ordinates (GDA94)	Latitude: -21.35965 Longitude: 118.88467

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180940
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)	39
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180943
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)	39
Antenna type	Panel (1 sector)-R



## Technical characteristics

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### Main Station Site

### Station 8:

#### Site details

Site ID	130975
Site address	Telstra Site, McGregor St, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.305154 Longitude: 118.621834

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180944
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	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180947
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

## 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	139130
Site address	Pt Lot 2444, Great Northern Hwy, REDBANK WA 6721
Co-ordinates (GDA94)	Latitude: -20.383703 Longitude: 118.643703

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180948
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)	50
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180951
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)	50
Antenna type	Panel (1 sector)-R

## 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	139130
Site address	Pt Lot 2444, Great Northern Hwy, REDBANK WA 6721
Co-ordinates (GDA94)	Latitude: -20.383703 Longitude: 118.643703

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180952
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)	50
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180955
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)	50
Antenna type	Panel (1 sector)-R

## 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	601530
Site address	WAWA Site Stanley St, SOUTH HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.396217 Longitude: 118.603632

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180956
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	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180959
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

## 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	130975
Site address	Telstra Site, McGregor St, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.305154 Longitude: 118.621834

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180960
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	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180963
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

## 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	600692
Site address	Telstra Optical Fibre Repeater, YANDEE WA 6752
Co-ordinates (GDA94)	Latitude: -21.35965 Longitude: 118.88467

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180964
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)	39
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180967
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)	39
Antenna type	Panel (1 sector)-R

## 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	139131
Site address	Gilbert St, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.316611 Longitude: 118.575088

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180968
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)	50
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180971
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)	50
Antenna type	Panel (1 sector)-R

## 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	601519
Site address	Telstra Lines Depot Cajareno Road, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380262 Longitude: 118.591061

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180972
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)	22
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180975
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)	22
Antenna type	Panel (1 sector)-R



## 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	139131
Site address	Gilbert St, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.316611 Longitude: 118.575088

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180976
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)	50
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180979
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)	50
Antenna type	Panel (1 sector)-R

## 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	35723
Site address	Telstra, South Hedland Exchange, PORT HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.407927 Longitude: 118.595541

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180980
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)	68
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180983
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)	68
Antenna type	Panel (1 sector)-R

## 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	601519
Site address	Telstra Lines Depot Cajareno Road, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380262 Longitude: 118.591061

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180984
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)	22
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180987
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)	22
Antenna type	Panel (1 sector)-R

## 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	601146
Site address	Telstra Site, cnr Howe & Sutherland Sts, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.309298 Longitude: 118.587567

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180988
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	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180991
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

## 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	601146
Site address	Telstra Site, cnr Howe & Sutherland Sts, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.309298 Longitude: 118.587567

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180992
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	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180995
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

## 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	9012268
Site address	Telstra Site, 2444 Great Northern Hwy, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380887 Longitude: 118.639619

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180996
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001180999
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

## 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	9012268
Site address	Telstra Site, 2444 Great Northern Hwy, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380887 Longitude: 118.639619

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181000
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181003
Transmitter power	N/A
EIRP	N/A
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	40
Antenna type	Panel (1 sector)-R

## 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	9012268
Site address	Telstra Site, 2444 Great Northern Hwy, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380887 Longitude: 118.639619

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181004
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)	39
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181007
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)	39
Antenna type	Panel (1 sector)-R



## 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	9015675
Site address	Telstra Redmond BHPB, Great Northern Highway, MARBLE BAR WA 6760
Co-ordinates (GDA94)	Latitude: -21.981864 Longitude: 118.838563

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181008
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)	8
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181011
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)	8
Antenna type	Panel (1 sector)-R

## 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 25:

#### Site details

Site ID	9012474
Site address	Telstra Site, Lot 5991 Cottier Dr, SOUTH HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.401016 Longitude: 118.611598

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181012
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	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181015
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

## 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 26:

Site details	
Site ID	9015675
Site address	Telstra Redmond BHPB, Great Northern Highway, MARBLE BAR WA 6760
Co-ordinates (GDA94)	Latitude: -21.981864 Longitude: 118.838563

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181016
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)	8
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181019
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)	8
Antenna type	Panel (1 sector)-R

## 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 27:

#### Site details

Site ID	9012474
Site address	Telstra Site, Lot 5991 Cottier Dr, SOUTH HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.401016 Longitude: 118.611598

#### Transmitter details

Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181020
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	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181023
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

## 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 28:

#### Site details

Site ID	9012268
Site address	Telstra Site, 2444 Great Northern Hwy, PORT HEDLAND WA 6721
Co-ordinates (GDA94)	Latitude: -20.380887 Longitude: 118.639619

#### Transmitter details

Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181024
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)	39
Antenna type	Panel (1 sector)-R

#### Receiver details

Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181027
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)	39
Antenna type	Panel (1 sector)-R

## 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 29:

Site details	
Site ID	9008469
Site address	TPI RBS Site 12, Railway Marshalling Yards 18KP South of, PORT HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.510296 Longitude: 118.588536

Transmitter details	
Assigned frequency	2.16250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181028
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.97250000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181031
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

## 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 30:

Site details	
Site ID	9008469
Site address	TPI RBS Site 12, Railway Marshalling Yards 18KP South of, PORT HEDLAND WA 6722
Co-ordinates (GDA94)	Latitude: -20.510296 Longitude: 118.588536

Transmitter details	
Assigned frequency	2.15750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181032
Transmitter power	60.00 W
EIRP	2.13 kW
Emission designator	3M84F9W

Antenna details	
Antenna ID	80154
Antenna polarisation	SR - Right-hand slant
Antenna azimuth	
Antenna height (m)	10
Antenna type	Panel (1 sector)-R

Receiver details	
Assigned frequency	1.96750000 GHz
Bandwidth	5.000000 MHz
Freq. assign. ID	0001181035
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