# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



| Licensee details |   |  |
|------------------|---|--|
| Customer ID      | 20017363                                  |  |
| Licensee         | Optus Mobile Pty Limited                  |  |
| Trading name     | 4G TXN                                    |  |
| Licensee address | 1 Lyonpark Road, MACQUARIE PARK, NSW 2113 |  |

| Licence details    |                |
|--------------------|----------------|
| Licence service    | Fixed          |
| Licence subservice | Point to Point |
| Licence number     | 10365229/2     |
| Date of issue      | 11/11/2023     |
| Date of effect     | 11/11/2023     |
| Date of expiry     | 20/12/2024     |

#### 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

Certain information contained in this licence record will be disclosed in the Register of Radiocommunications Licences (RRL), established and maintained pursuant to Part 3.5 of the *Radiocommunications Act 1992*.

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# Advisory Notes applying to licence no.: 10365229/2

Conditions applicable to the operation of Point to Point station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, the 'fixed licence lcd'. Copies of these determinations are available from the ACMA and from the ACMA home page (www.acma.gov.au).

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# **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**

Antenna ID

Antenna polarisation
Antenna azimuth

Antenna height (m)

Antenna type

81613

88.02

Parabolic-P

15

V - Vertical linear

## Station 1:

| Telstra/Optus Site, Silcocks Hill Rd, SILCOCK HILL VIC 3962  | Site details         |   |            |            |  |
|--|----------------------|---|------------|------------|--|
| Co-ordinates (GDA94) Latitude: -38.655269 Longitude: 146.344849  Fransmitter details  Assigned frequency 10.75500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035270  Fransmitter power 1.00 W  EIRP 916.22 W  Emission designator 80M0G7W  Antenna details  Antenna ID 81613  Antenna polarisation V - Vertical linear  Antenna azimuth 88.02  Antenna height (m) 15  Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Fransmitter power N/A  Eire, assign. ID 0002035271  Fransmitter power N/A  Emission designator 80M0G7W  | Site ID              | 38598   |            |            |  |
| Assigned frequency   | Site address         | Telstra/Optus Site, Silcocks Hill Rd, SILCOCK HILL VIC 3962 |            |            |  |
| Assigned frequency 10.75500000 GHz Bandwidth 80.000000 MHz Freq. assign. ID 0002035270  Transmitter power 1.00 W EIRP 916.22 W Emission designator 80M0G7W  Antenna details  Antenna ID 81613  Antenna polarisation V - Vertical linear  Antenna azimuth 88.02  Antenna height (m) 15  Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz Bandwidth 80.000000 MHz Freq. assign. ID 0002035271  Transmitter power N/A EIRP N/A Emission designator 80M0G7W  | Co-ordinates (GDA94) | Latitude: -38.655269  | Longitude: | 146.344849 |  |
| Sandwidth   80.000000 MHz  | Transmitter details  |   |            |            |  |
| Freq. assign. ID 0002035270  Transmitter power 1.00 W  EIRP 916.22 W  Emission designator 80M0G7W  Antenna details  Antenna polarisation V - Vertical linear  Antenna azimuth 88.02  Antenna height (m) 15  Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W   | Assigned frequency   | 10.75500000 GHz   |            |            |  |
| Transmitter power         1.00 W           EIRP         916.22 W           Emission designator         80M0G7W           Antenna details           Antenna ID         81613           Antenna polarisation         V - Vertical linear           Antenna azimuth         88.02           Antenna height (m)         15           Antenna type         Parabolic-P           Receiver details           Assigned frequency         11.24500000 GHz           Bandwidth         80.000000 MHz           Freq. assign. ID         0002035271           Transmitter power         N/A           EIRP         N/A           Emission designator         80M0G7W   | Bandwidth            | 80.000000 MHz   |            |            |  |
| ### Series of the signature of the signa | Freq. assign. ID     | 0002035270  |            |            |  |
| Emission designator Antenna details  Antenna ID  81613  Antenna polarisation  V - Vertical linear  Antenna azimuth  88.02  Antenna height (m)  15  Antenna type  Parabolic-P  Receiver details  Assigned frequency  11.24500000 GHz  Bandwidth  80.000000 MHz  Freq. assign. ID  0002035271  Transmitter power  N/A  EIRP  N/A  Emission designator  80M0G7W   | Transmitter power    | 1.00 W  |            |            |  |
| Antenna ID Antenna polarisation Antenna azimuth Antenna azimuth Antenna height (m) Antenna type Parabolic-P  Receiver details  Assigned frequency Bandwidth Freq. assign. ID Transmitter power N/A EIRP Mission designator  81613  V - Vertical linear  N - Vertical linear V - Vertical linear V - Vertical linear  N - V | EIRP                 | 916.22 W  |            |            |  |
| Antenna ID  Antenna polarisation  Antenna azimuth  88.02  Antenna height (m)  15  Antenna type  Parabolic-P  Receiver details  Assigned frequency  11.24500000 GHz  Bandwidth  Freq. assign. ID  0002035271  Transmitter power  N/A  EIRP  N/A  Emission designator  80M0G7W   | Emission designator  | 80M0G7W   |            |            |  |
| Antenna polarisation V - Vertical linear  Antenna azimuth 88.02  Antenna height (m) 15  Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W   | Antenna details      |   |            |            |  |
| Antenna azimuth 88.02 Antenna height (m) 15 Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz Bandwidth 80.000000 MHz Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A Emission designator 80M0G7W  | Antenna ID           | 81613   |            |            |  |
| Antenna height (m)  Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A Emission designator 80M0G7W  | Antenna polarisation | V - Vertical linear   |            |            |  |
| Antenna type Parabolic-P  Receiver details  Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W   | Antenna azimuth      | 88.02   |            |            |  |
| Receiver details           Assigned frequency         11.24500000 GHz           Bandwidth         80.000000 MHz           Freq. assign. ID         0002035271           Transmitter power         N/A           EIRP         N/A           Emission designator         80M0G7W   | Antenna height (m)   | 15  |            |            |  |
| Assigned frequency 11.24500000 GHz  Bandwidth 80.000000 MHz  Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W   | Antenna type         | Parabolic-P   |            |            |  |
| Bandwidth         80.000000 MHz           Freq. assign. ID         0002035271           Transmitter power         N/A           EIRP         N/A           Emission designator         80M0G7W   | Receiver details     |   |            |            |  |
| Freq. assign. ID 0002035271  Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W  | Assigned frequency   | 11.24500000 GHz   |            |            |  |
| Transmitter power N/A  EIRP N/A  Emission designator 80M0G7W   | Bandwidth            | 80.000000 MHz   |            |            |  |
| EIRP N/A Emission designator 80M0G7W   | Freq. assign. ID     | 0002035271  |            |            |  |
| Emission designator 80M0G7W  | Transmitter power    | N/A   |            |            |  |
| <u> </u>   | EIRP                 | N/A   |            |            |  |
| Antenna details  | Emission designator  | 80M0G7W   |            |            |  |
|  | Antenna details      |   |            |            |  |

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## **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**

Antenna ID

Antenna polarisation

Antenna azimuth

Antenna height (m)

Antenna type

81613

267.97

Parabolic-P

10

V - Vertical linear

## Station 2:

| Site details         | Site details   |  |  |  |  |
|----------------------|--|--|--|--|--|
| Site ID              | 305472   |  |  |  |  |
| Site address         | Optus Site Trig Point, Slade Hill Rd, WELSHPOOL VIC 3966 |  |  |  |  |
| Co-ordinates (GDA94) | Latitude: -38.653265 Longitude: 146.417294               |  |  |  |  |
| Transmitter details  | Transmitter details                                      |  |  |  |  |
| Assigned frequency   | 11.24500000 GHz  |  |  |  |  |
| Bandwidth            | 80.000000 MHz  |  |  |  |  |
| Freq. assign. ID     | 0002035272   |  |  |  |  |
| Transmitter power    | 1.00 W   |  |  |  |  |
| EIRP                 | 916.22 W   |  |  |  |  |
| Emission designator  | 80M0G7W  |  |  |  |  |
| Antenna details      |  |  |  |  |  |
| Antenna ID           | 81613  |  |  |  |  |
| Antenna polarisation | V - Vertical linear                                      |  |  |  |  |
| Antenna azimuth      | 267.97   |  |  |  |  |
| Antenna height (m)   | 10   |  |  |  |  |
| Antenna type         | Parabolic-P  |  |  |  |  |
| Receiver details     |  |  |  |  |  |
| Assigned frequency   | 10.75500000 GHz  |  |  |  |  |
| Bandwidth            | 80.000000 MHz  |  |  |  |  |
| Freq. assign. ID     | 0002035273   |  |  |  |  |
| Transmitter power    | N/A  |  |  |  |  |
| EIRP                 | N/A  |  |  |  |  |
| Emission designator  | 80M0G7W  |  |  |  |  |
| Antenna details      |  |  |  |  |  |

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