Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



| Licensee details | |
|--------------------|--|
| Customer ID | 476492 |
| Licensee | Qantas Airways Limited |
| Trading name | Qantas Service Delivery Manager |
| Licensee address | Managed Services Admin, Motorola Solutions 10 Wesley Court, Tally Ho Business Park, BURWOOD EAST, VIC 3151 |
| Licence details | |
| Licence service | Land Mobile |
| Licence subservice | Land Mobile System - > 30MHz |
| Licence number | 10117934/3 |
| Date of issue | 31/03/2023 |
| Date of effect | 31/03/2023 |
| Date of expiry | 26/04/2024 |
| Licence conditions | 8 |

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: <u>www.acma.gov.au</u>

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*.

Advisory Notes applying to licence no.: 10117934/3

Conditions applicable to the operation of Land Mobile System station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Land Mobile Licence) Determination. Copies of these determinations are available from the ACMA and from the ACMA home page (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.

Station 1:

| Site ID 35456 Site address Terminal, CANBERRA AIRPORT ACT 2620 Co-ordinates (GDA94) Latitude: -35.307061 Longitude: 149.190028 Transmitter details | | | | | | |
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| Disconsist Disconsist Site address Terminal, CANBERRA AIRPORT ACT 2620 Co-ordinates (GDA94) Latitude: -35.307061 Longitude: 149.190028 Transmitter details Assigned frequency 464.550000 MHz Bandwidth 12.5000 kHz Freq. assign. ID 0001720799 Transmitter power 5.00 W EIRP 8.30 W EIRP 8.30 W Emission designator 10K1F3E Antenna details 06010 Antenna polarisation V - Vertical linear Antenna polarisation V - Vertical linear Antenna type Dipole-D Receiver details Antenna type Dipole-D Ereq. assign. ID 0001720800 Terq. assign. ID 0001720800 Internative Internative Internative Antenna type Dipole-D Internative Internative Internative Antenna type Disolo KHz Internative Internative Internative Antenna type Disolo KHz Internative Internative Internative Antenna type N/A Internative | Site details | | | | | |
| Co-ordinates (GDA94) Latitude: -35.307061 Longitude: 149.190028 Transmitter details Assigned frequency 464.550000 MHz Bandwidth 12.5000 kHz Freq. assign. ID 0001720799 Transmitter power 5.00 W EIRP 8.30 W Emission designator 10K1F3E Antenna details Antenna ID 60010 Antenna polarisation V - Vertical linear Antenna polarisation V - Vertical linear Antenna polarisation S Antenna VP Antenna height (m) 5 Antenna type Dipole-D Receiver details Assigned frequency 454.550000 MHz Bandwidth 12.5000 kHz Freq. assign. ID 0001720800 Transmitter power N/A EIRP N/A EIRP Receiver details Ansigned frequency 454.550000 MHz Bandwidth 12.5000 kHz Freq. assign. ID 0001720800 Transmitter power N/A EIRP N/A EIRP N/A EIRP N/A EIRP N/A EIRP N/A EIRP Antenna polarisation <td>Site ID</td> <td>35456</td> <td></td> <td></td> <td></td> | Site ID | 35456 | | | | |
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| Antenna typeDipole-DReceiver detailsAssigned frequency454.550000 MHzBandwidth12.5000 kHzFreq. assign. ID0001720800Transmitter powerN/AEIRPN/AEmission designator10K1F3EAntenna detailsAntenna polarisationV - Vertical linearAntenna height (m)5 | Antenna azimuth | | | | | |
| Receiver details Assigned frequency 454.550000 MHz Bandwidth 12.5000 kHz Freq. assign. ID 0001720800 Transmitter power N/A EIRP N/A Emission designator 10K1F3E Antenna details 60010 Antenna polarisation V - Vertical linear Antenna height (m) 5 | Antenna height (m) | 5 | | | | |
| Assigned frequency454.550000 MHzBandwidth12.5000 kHzFreq. assign. ID0001720800Transmitter powerN/AEIRPN/AEmission designator10K1F3EAntenna detailsAntenna ID60010Antenna polarisationV - Vertical linearAntenna height (m)5 | Antenna type | Dipole-D | | | | |
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| Freq. assign. ID0001720800Transmitter powerN/AEIRPN/AEmission designator10K1F3EAntenna detailsAntenna ID60010Antenna polarisationV - Vertical linearAntenna azimuth5 | Assigned frequency | 454.550000 MHz | | | | |
| Transmitter powerN/AEIRPN/AEmission designator10K1F3EAntenna detailsAntenna ID60010Antenna polarisationV - Vertical linearAntenna azimuth5 | Bandwidth | 12.5000 kHz | | | | |
| EIRPN/AEmission designator10K1F3EAntenna detailsAntenna ID60010Antenna polarisationV - Vertical linearAntenna azimuth5 | Freq. assign. ID | 0001720800 | | | | |
| Emission designator 10K1F3E Antenna details 60010 Antenna polarisation V - Vertical linear Antenna azimuth 5 | Transmitter power | N/A | | | | |
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| Antenna ID 60010 Antenna polarisation V - Vertical linear Antenna azimuth Antenna height (m) | Emission designator | 10K1F3E | | | | |
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| Antenna azimuth Antenna height (m) 5 | Antenna ID | 60010 | | | | |
| Antenna height (m) 5 | Antenna polarisation | V - Vertical linear | | | | |
| | Antenna azimuth | | | | | |
| Antenna type Dipole-D | Antenna height (m) | 5 | | | | |
| | Antenna type | Dipole-D | | | | |

Main Station Site

Special Conditions applying to Station 1

The level of power in the adjacent channel must not exceed -16dBm.

This licence limits the operation of the service to within the premises at the location specified on the licence. Use of the service outside these boundaries is not permitted.

The level of all discreet spurious components, measured at the output of the transmitter, must not exceed -30dBm.