

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	1315913
Licensee	DEPARTMENT OF JUSTICE AND COMMUNITY SAFETY
Trading name	ESTA Emergency Services Telecommunications Authority
Licensee address	c/-10 Wesley Court - Motorola MMR Project, Tally Ho Bus Pk, EAST BURWOOD, VIC 3151

Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	10502659/2
Date of issue	10/11/2023
Date of effect	10/11/2023
Date of expiry	01/12/2024

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

Advisory Notes applying to licence no.: 10502659/2

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.

Main Station Site

Station 1:

Site details

Site ID	12016
Site address	Telstra Site, Dunns Hill, FERNY CREEK VIC 3786
Co-ordinates (GDA94)	Latitude: -37.87921 Longitude: 145.33423

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206897
Transmitter power	25.00 W
EIRP	25.00 W
Emission designator	10K1D7W

Antenna details

Antenna ID	92357
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
Antenna type	Non-radiating feeder cable

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206898
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	92357
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
Antenna type	Non-radiating feeder cable

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.

Supplementary Station Site

Station 2:

Site details

Site ID	10010695
Site address	CFA tower, 4 Bayview Road, Belgrave VIC
Co-ordinates (GDA94)	Latitude: -37.909555 Longitude: 145.35679

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206899
Transmitter power	500 mW
EIRP	6.29 W
Emission designator	10K1D7W

Antenna details

Antenna ID	80792
Antenna polarisation	V - Vertical linear
Antenna azimuth	300.00
Antenna height (m)	13
Antenna type	Corner Reflector (Vertical Polarisation)-R

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206900
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	80792
Antenna polarisation	V - Vertical linear
Antenna azimuth	300.00
Antenna height (m)	13
Antenna type	Corner Reflector (Vertical Polarisation)-R

Technical characteristics

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Supplementary Station Site

Station 3:

Site details

Site ID	10010690
Site address	Chirnside Park Shopping Centre, 239-241 Maroondah Hwy, Chirnside Park VIC
Co-ordinates (GDA94)	Latitude: -37.75681 Longitude: 145.312884

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206901
Transmitter power	10.00 W
EIRP	10.00 W
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	6
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206902
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	6
Antenna type	Unknown antenna type, size or specifications-

Technical characteristics

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Supplementary Station Site

Station 4:

Site details

Site ID	303186
Site address	Target BLDG, Fountain Gate Shopping Link Rd, NARRE WARREN VIC 3805
Co-ordinates (GDA94)	Latitude: -38.018153 Longitude: 145.304452

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206903
Transmitter power	10.00 W
EIRP	10.00 W
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206904
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	10
Antenna type	Unknown antenna type, size or specifications-

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.

Supplementary Station Site

Station 5:

Site details

Site ID	12013
Site address	TXA Ornata Road Site Tower, 12 Ornata Road, MOUNT DANDENONG VIC 3767
Co-ordinates (GDA94)	Latitude: -37.837476 Longitude: 145.34661

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206905
Transmitter power	10.00 W
EIRP	10.00 W
Emission designator	10K1D7W

Antenna details

Antenna ID	92357
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
Antenna type	Non-radiating feeder cable

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002206906
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	92357
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	2
Antenna type	Non-radiating feeder cable

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.

Supplementary Station Site

Station 6:

Site details

Site ID	48127
Site address	Maroondah Hospital, Mt Dandenong Road, RINGWOOD EAST VIC 3135
Co-ordinates (GDA94)	Latitude: -37.806993 Longitude: 145.254601

Transmitter details

Assigned frequency	421.662500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002904127
Transmitter power	5.00 W
EIRP	5.00 W
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	3
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	427.162500 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0002904128
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1D7W

Antenna details

Antenna ID	80881
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	3
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 6

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

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