

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	31823
Licensee	NSW Police Force
Trading name	Radio Engineering Services
Licensee address	Level 4 151-241 Goulburn St Sydney Police Centre,, SURRY HILLS, NSW 2010

## Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	1209806/1
Callsign	VKG
Date of issue	09/06/2023
Date of effect	09/06/2023
Date of expiry	01/07/2024

## 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](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

### **Special Conditions applying to licence no.: 1209806/1**

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

The level of power in the adjacent channel must not exceed -22dBm.

### **Advisory Notes applying to licence no.: 1209806/1**

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](http://www.acma.gov.au)).

This service is authorised to operate with a frequency split other than that prescribed by the 400 MHz Plan (Radiocommunication Assignment Licensing Instruction MS22).

## 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	9959
Site address	Police Site, 14.4 km NW of Gundagai, MT BURRA NSW 2722
Co-ordinates (GDA94)	Latitude: -34.973188 Longitude: 147.998899

#### Transmitter details

Assigned frequency	469.150000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000677654
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F1E

#### Antenna details

Antenna ID	13182
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	23
Antenna type	Parallel array of vertical dipoles-D

#### Receiver details

Assigned frequency	459.650000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000677657
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	13182
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	23
Antenna type	Parallel array of vertical dipoles-D

### Advisory Notes applying to Station 1

Transition to 10MHz Split

### Special Conditions applying to Station 1

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

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

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

## 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	9959
Site address	Police Site, 14.4 km NW of Gundagai, MT BURRA NSW 2722
Co-ordinates (GDA94)	Latitude: -34.973188 Longitude: 147.998899

#### Receiver details

Assigned frequency	459.150000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0000677659
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	13182
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	23
Antenna type	Parallel array of vertical dipoles-D

### Advisory Notes applying to Station 2

Transition to 10MHz Split

### Special Conditions applying to Station 2

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

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

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