

Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



Licensee details

Customer ID	20013687
Licensee	SYDNEY TRAINS
Licensee address	Attn: Mr Christopher Go Level 2, Clyde Hub, 146-148 Manchester Road, Clyde, NSW 2142

Licence details

Licence service	Land Mobile
Licence subservice	Land Mobile System - > 30MHz
Licence number	1233668/1
Callsign	VL2RW
Date of issue	04/12/2023
Date of effect	04/12/2023
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.: 1233668/1

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).

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	3930	
Site address	Railway site, TEMPE NSW 2044	
Co-ordinates (GDA94)	Latitude: -33.92445325	Longitude: 151.1563848

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108592
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108595
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 1

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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	3400
Site address	Underground Railway Line Near Town Hall Railway Station, SYDNEY NSW 2000
Co-ordinates (GDA94)	Latitude: -33.87335676 Longitude: 151.20742894

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108386
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108387
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Special Conditions applying to Station 2

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.

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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 3:

Site details

Site ID	3457
Site address	Redfern Railway Station (Underground), REDFERN NSW 2016
Co-ordinates (GDA94)	Latitude: -33.89217306 Longitude: 151.19934694

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108388
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108389
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 3

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

Technical characteristics

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Supplementary Station Site

Station 4:

Site details

Site ID	3540
Site address	Railway Station, KINGS CROSS NSW 2011
Co-ordinates (GDA94)	Latitude: -33.87467963 Longitude: 151.22091464

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108390
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108391
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 4

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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	3736
Site address	Bondi Junction, Railway Station (Underground), BONDI JUNCTION NSW 2022
Co-ordinates (GDA94)	Latitude: -33.89119806 Longitude: 151.248645

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108392
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108393
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 5

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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	3764
Site address	Edgecliff Railway Station (Underground), EDGECLIFF NSW 2027
Co-ordinates (GDA94)	Latitude: -33.87940446 Longitude: 151.23595241

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108394
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108395
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 6

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

Technical characteristics

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Supplementary Station Site

Station 7:

Site details

Site ID	3914
Site address	Railway site, ERSKINEVILLE NSW 2043
Co-ordinates (GDA94)	Latitude: -33.89910102 Longitude: 151.18580286

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108396
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108397
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 7

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

Technical characteristics

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Supplementary Station Site

Station 8:

Site details

Site ID	3927
Site address	Railway Station, SYDENHAM NSW 2204
Co-ordinates (GDA94)	Latitude: -33.9155482 Longitude: 151.16393153

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108398
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108399
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 8

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 9:

Site details

Site ID	5353
Site address	Railway Station, ROCKDALE NSW 2216
Co-ordinates (GDA94)	Latitude: -33.95175349 Longitude: 151.13696859

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108400
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108401
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 9

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 10:

Site details	
Site ID	5371
Site address	Railway Station, KOGARAH NSW 2217
Co-ordinates (GDA94)	Latitude: -33.96223756 Longitude: 151.13262784

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108402
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108403
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 10

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 11:

Site details

Site ID	5386
Site address	Railway Station, HURSTVILLE NSW 2220
Co-ordinates (GDA94)	Latitude: -33.967363 Longitude: 151.10221343

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108404
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108405
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 11

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 12:

Site details

Site ID	5415
Site address	Maintenance Centre, MORTDALE NSW 2223
Co-ordinates (GDA94)	Latitude: -33.97520438 Longitude: 151.07876903

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108406
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108407
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 12

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 13:

Site details

Site ID	5423
Site address	Railway Station, COMO NSW 2226
Co-ordinates (GDA94)	Latitude: -34.0056106 Longitude: 151.06844872

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108408
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108409
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 13

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 14:

Site details

Site ID	5431
Site address	Railway Station, MIRANDA NSW 2228
Co-ordinates (GDA94)	Latitude: -34.03634832 Longitude: 151.10251965

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108410
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108411
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 14

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 15:

Site details

Site ID	5447
Site address	Caringbah Railway Station, CARINGBAH NSW 2229
Co-ordinates (GDA94)	Latitude: -34.04124505 Longitude: 151.1219074

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108412
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108413
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 15

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 16:

Site details

Site ID	5460
Site address	Railway Station, CRONULLA NSW 2230
Co-ordinates (GDA94)	Latitude: -34.05593478 Longitude: 151.15115917

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108414
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108415
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 16

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 17:

Site details

Site ID	5500
Site address	Railway Station, KIRRAWEE NSW 2232
Co-ordinates (GDA94)	Latitude: -34.03478968 Longitude: 151.07190311

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108416
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108417
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 17

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 18:

Site details	
Site ID	40132
Site address	Railway Station, LIDCOMBE NSW 2141
Co-ordinates (GDA94)	Latitude: -33.86414739 Longitude: 151.04645581

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108418
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108419
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 18

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 19:

Site details	
Site ID	40133
Site address	Railway Station, AUBURN NSW 2144
Co-ordinates (GDA94)	Latitude: -33.84886756 Longitude: 151.03253885

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108420
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108421
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 19

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 20:

Site details

Site ID	40134
Site address	Railway Station, GRANVILLE NSW 2142
Co-ordinates (GDA94)	Latitude: -33.83127985 Longitude: 151.00981998

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108422
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108423
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 20

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 21:

Site details

Site ID	40135
Site address	Railway Station, WESTMEAD NSW 2145
Co-ordinates (GDA94)	Latitude: -33.80847304 Longitude: 150.98798804

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108424
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108425
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 21

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 22:

Site details

Site ID	40136
Site address	Railway Station, TELOPEA NSW 2117
Co-ordinates (GDA94)	Latitude: -33.79418042 Longitude: 151.04113592

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108426
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108427
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 22

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 23:

Site details

Site ID	40137
Site address	Railway Station, CLYDE NSW 2142
Co-ordinates (GDA94)	Latitude: -33.83627077 Longitude: 151.01737592

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108428
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108429
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 23

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 24:

Site details

Site ID	40138
Site address	Railway Station, FLEMINGTON NSW 2140
Co-ordinates (GDA94)	Latitude: -33.86392123 Longitude: 151.06645839

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108430
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108431
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 24

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 25:

Site details

Site ID	40139
Site address	Railway site, Acdep & Illaw Steam Dives, EVELEIGH NSW 2015
Co-ordinates (GDA94)	Latitude: -33.89635599 Longitude: 151.18921375

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108432
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108433
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 25

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 26:

Site details

Site ID	40140
Site address	Railway Station, NEWTOWN NSW 2042
Co-ordinates (GDA94)	Latitude: -33.89794707 Longitude: 151.18096194

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108434
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108435
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 26

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 27:

Site details

Site ID	40141
Site address	Railway Station, ASHFIELD NSW 2131
Co-ordinates (GDA94)	Latitude: -33.88792962 Longitude: 151.12624779

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108436
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108437
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 27

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 28:

Site details

Site ID	40142
Site address	Railway Station, CROYDON NSW 2132
Co-ordinates (GDA94)	Latitude: -33.88362675 Longitude: 151.11607089

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108438
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108439
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 28

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 29:

Site details

Site ID	40143
Site address	Railway site, STRATHFIELD NSW 2135
Co-ordinates (GDA94)	Latitude: -33.87193397 Longitude: 151.09460007

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108440
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108441
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 29

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 30:

Site details	
Site ID	40144
Site address	Railway site, Prince Alfred Sidings 1, CENTRAL NSW 2010
Co-ordinates (GDA94)	Latitude: -33.88746482 Longitude: 151.20399827

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108442
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108443
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Special Conditions applying to Station 30

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 31:

Site details	
Site ID	40145
Site address	Railway site, Redfern 2, REDFERN NSW 2016
Co-ordinates (GDA94)	Latitude: -33.89154388 Longitude: 151.19926345

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108444
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108445
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 31

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 32:

Site details

Site ID	40145
Site address	Railway site, Redfern 2, REDFERN NSW 2016
Co-ordinates (GDA94)	Latitude: -33.89154388 Longitude: 151.19926345

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108446
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108447
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 32

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 33:

Site details

Site ID	40146
Site address	Railway Station, CHATSWOOD NSW 2067
Co-ordinates (GDA94)	Latitude: -33.79756509 Longitude: 151.18092843

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108448
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108449
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 33

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 34:

Site details

Site ID	40147
Site address	Railway site, KILLARA NSW 2071
Co-ordinates (GDA94)	Latitude: -33.7674703 Longitude: 151.16299345

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108450
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108451
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 34

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 35:

Site details

Site ID	40148
Site address	Railway site, Lavender Bay East PI, MCMAHONS POINT NSW 2060
Co-ordinates (GDA94)	Latitude: -33.84404377 Longitude: 151.2069605

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108452
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108453
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 35

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 36:

Site details

Site ID	40149
Site address	Railway Station, LINDFIELD NSW 2070
Co-ordinates (GDA94)	Latitude: -33.77749221 Longitude: 151.16990641

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108454
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108455
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 36

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 37:

Site details

Site ID	40150
Site address	North Sydney Railway Station (Underground) & Tunnel, NORTH SYDNEY NSW 2060
Co-ordinates (GDA94)	Latitude: -33.84115111 Longitude: 151.20701194

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108456
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108457
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 37

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 38:

Site details

Site ID	40151
Site address	Railway Station, PYMBLE NSW 2073
Co-ordinates (GDA94)	Latitude: -33.74470756 Longitude: 151.14232261

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108458
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108459
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 38

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 39:

Site details

Site ID	40152
Site address	Station & Bay Rd Tunnel, WAVERTON NSW 2060
Co-ordinates (GDA94)	Latitude: -33.83732286 Longitude: 151.1974836

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108460
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108461
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 39

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 40:

Site details	
Site ID	40153
Site address	Railway Station, WOLLSTONECRAFT NSW 2065
Co-ordinates (GDA94)	Latitude: -33.83264192 Longitude: 151.19185465

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108462
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108463
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 40

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 41:

Site details

Site ID	40154
Site address	Railway site, Boronia 1 Tnl Sth PI, COWAN NSW 2081
Co-ordinates (GDA94)	Latitude: -33.58245638 Longitude: 151.18308588

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108464
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108465
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 41

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 42:

Site details	
Site ID	40155
Site address	Railway site, Boronia Tnl 2 Nth PI, COWAN NSW 2081
Co-ordinates (GDA94)	Latitude: -33.5761863 Longitude: 151.19215966

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108466
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108467
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 42

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 43:

Site details	
Site ID	40156
Site address	Railway site, Boronia Tnl 3 Sth PI, BROOKLYN NSW 2083
Co-ordinates (GDA94)	Latitude: -33.55415026 Longitude: 151.19606542

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108468
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108469
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 43

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 44:

Site details

Site ID	40157
Site address	Railway Station, Pacific Highway, COWAN NSW 2081
Co-ordinates (GDA94)	Latitude: -33.59359848 Longitude: 151.17154916

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108470
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108471
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 44

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 45:

Site details

Site ID	40159
Site address	Railway Station, DENISTONE NSW 2114
Co-ordinates (GDA94)	Latitude: -33.79958393 Longitude: 151.08670022

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108472
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108473
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 45

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 46:

Site details	
Site ID	40160
Site address	Railway Station, EASTWOOD NSW 2122
Co-ordinates (GDA94)	Latitude: -33.78932795 Longitude: 151.08239216

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108474
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108475
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 46

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 47:

Site details

Site ID	40161
Site address	Railway Station, EPPING NSW 2121
Co-ordinates (GDA94)	Latitude: -33.76965796 Longitude: 151.08164292

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108476
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108477
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 47

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 48:

Site details	
Site ID	40162
Site address	Railway site, HOMEBUSH NSW 2140
Co-ordinates (GDA94)	Latitude: -33.86713803 Longitude: 151.0876801

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108478
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108479
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 48

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 49:

Site details	
Site ID	40163
Site address	Railway Station, PENNANT HILLS NSW 2120
Co-ordinates (GDA94)	Latitude: -33.7381311 Longitude: 151.07219965

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108480
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108481
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 49

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 50:

Site details	
Site ID	40164
Site address	Railway Station, HORNSBY NSW 2077
Co-ordinates (GDA94)	Latitude: -33.70183696 Longitude: 151.09836472

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108482
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108483
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	74
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Colinear Vertical-U

Special Conditions applying to Station 50

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 51:

Site details

Site ID	40165
Site address	Railway Station, MOUNT KURING-GAI NSW 2080
Co-ordinates (GDA94)	Latitude: -33.65381176 Longitude: 151.13640732

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108484
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108485
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 51

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 52:

Site details

Site ID	40166
Site address	Railway Station, NORMANHURST NSW 2076
Co-ordinates (GDA94)	Latitude: -33.72074697 Longitude: 151.09665303

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108486
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108487
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 52

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 53:

Site details

Site ID	40167
Site address	Railway Station, TURRAMURRA NSW 2074
Co-ordinates (GDA94)	Latitude: -33.73159772 Longitude: 151.12814368

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108488
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108489
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 53

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 54:

Site details

Site ID	40168
Site address	Railway Station, WAHROONGA NSW 2076
Co-ordinates (GDA94)	Latitude: -33.71808782 Longitude: 151.11732166

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108490
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108491
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 54

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.

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 55:

Site details

Site ID	40169
Site address	Railway Station, ARTARMON NSW 2064
Co-ordinates (GDA94)	Latitude: -33.80984402 Longitude: 151.18682546

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108492
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108493
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 55

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 56:

Site details

Site ID	40170
Site address	Railway Station, BEROWRA NSW 2081
Co-ordinates (GDA94)	Latitude: -33.62146061 Longitude: 151.15585968

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108494
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108495
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 56

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 57:

Site details

Site ID	40172
Site address	Railway Station, CHELTENHAM NSW 2119
Co-ordinates (GDA94)	Latitude: -33.75590499 Longitude: 151.07860278

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108496
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108497
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 57

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 58:

Site details	
Site ID	40185
Site address	Tnl4 Nth PI, BORONIA NSW 2083
Co-ordinates (GDA94)	Latitude: -33.55204922 Longitude: 151.20041733

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108498
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108499
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 58

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 59:

Site details	
Site ID	40186
Site address	Broadcast & communications Site, LONG ISLAND NSW 2083
Co-ordinates (GDA94)	Latitude: -33.53955701 Longitude: 151.22835175

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108500
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108501
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 59

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 60:

Site details	
Site ID	40187
Site address	TnI Nth PI, MULLET CREEK NSW 2083
Co-ordinates (GDA94)	Latitude: -33.52569498 Longitude: 151.23014261

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108502
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108503
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 60

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 61:

Site details	
Site ID	40188
Site address	Railway site, WONDABYNE NSW 2250
Co-ordinates (GDA94)	Latitude: -33.49358572 Longitude: 151.25522893

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108504
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108505
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 61

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 62:

Site details

Site ID	40189
Site address	Rail Corp Site, WOY WOY NSW 2256
Co-ordinates (GDA94)	Latitude: -33.47520818 Longitude: 151.32188472

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108506
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108507
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	7
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 62

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 63:

Site details	
Site ID	40190
Site address	TnI Nth PI, WOY WOY NSW 2256
Co-ordinates (GDA94)	Latitude: -33.49433844 Longitude: 151.28976335

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108508
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108509
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 63

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 64:

Site details

Site ID	40191
Site address	TnI Sth PI, WOY WOY NSW 2250
Co-ordinates (GDA94)	Latitude: -33.48634757 Longitude: 151.27280857

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108510
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108511
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 64

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 65:

Site details	
Site ID	54262
Site address	Railway Station, CABRAMATTA NSW 2166
Co-ordinates (GDA94)	Latitude: -33.89485371 Longitude: 150.93881814

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108512
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108513
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 65

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 66:

Site details	
Site ID	54264
Site address	Railway Station, FAIRFIELD NSW 2165
Co-ordinates (GDA94)	Latitude: -33.8721675 Longitude: 150.95719954

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108514
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108515
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 66

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 67:

Site details

Site ID	54267
Site address	Railway Station, GUILDFORD NSW 2161
Co-ordinates (GDA94)	Latitude: -33.85413314 Longitude: 150.98453976

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108516
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108517
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 67

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 68:

Site details

Site ID	54268
Site address	Railway Station, HOLSWORTHY NSW 2173
Co-ordinates (GDA94)	Latitude: -33.96286275 Longitude: 150.95633188

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108518
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108519
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 68

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 69:

Site details	
Site ID	54269
Site address	Railway Station, LIVERPOOL NSW 2170
Co-ordinates (GDA94)	Latitude: -33.92450589 Longitude: 150.92728782

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108520
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108521
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 69

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 70:

Site details

Site ID	54271
Site address	Railway site Sefton Park Junction, SEFTON NSW 2143
Co-ordinates (GDA94)	Latitude: -33.88591372 Longitude: 151.02044461

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108522
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108523
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 70

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 71:

Site details

Site ID	54272
Site address	Railway Station, VILLAWOOD NSW 2163
Co-ordinates (GDA94)	Latitude: -33.88086226 Longitude: 150.97591132

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108524
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108525
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 71

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 72:

Site details	
Site ID	54348
Site address	Railway site, BANKSTOWN NSW 2200
Co-ordinates (GDA94)	Latitude: -33.91778566 Longitude: 151.03430886

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108526
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108527
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 72

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 73:

Site details	
Site ID	54349
Site address	Railway Station, BARDWELL PARK NSW 2206
Co-ordinates (GDA94)	Latitude: -33.93137556 Longitude: 151.12518841

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108528
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108529
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 73

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 74:

Site details	
Site ID	54350
Site address	Railway Station, CAMPSIE NSW 2194
Co-ordinates (GDA94)	Latitude: -33.91056492 Longitude: 151.1028245

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108530
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108531
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 74

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 75:

Site details	
Site ID	54351
Site address	Railway Station, DULWICH HILL NSW 2203
Co-ordinates (GDA94)	Latitude: -33.91068643 Longitude: 151.14035088

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108532
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108533
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 75

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.

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 76:

Site details	
Site ID	54352
Site address	Railway Station, HURLSTONE PARK NSW 2193
Co-ordinates (GDA94)	Latitude: -33.91011651 Longitude: 151.13246801

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108534
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108535
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 76

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 77:

Site details	
Site ID	54353
Site address	Railway site, KINGSGROVE NSW 2208
Co-ordinates (GDA94)	Latitude: -33.94064691 Longitude: 151.100535

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108536
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108537
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 77

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 78:

Site details

Site ID	54355
Site address	Railway Station, NARWEE NSW 2209
Co-ordinates (GDA94)	Latitude: -33.94756346 Longitude: 151.06986976

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108538
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108539
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 78

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 79:

Site details	
Site ID	54356
Site address	Railway Station, PADSTOW NSW 2211
Co-ordinates (GDA94)	Latitude: -33.95166287 Longitude: 151.03266446

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108540
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108541
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 79

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 80:

Site details	
Site ID	54357
Site address	Railway Station, PANANIA NSW 2213
Co-ordinates (GDA94)	Latitude: -33.95416927 Longitude: 150.99798104

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108542
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108543
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 80

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 81:

Site details

Site ID	54358
Site address	Punchbowl station, Cnr The Boulevard and Punchbowl Rd, PUNCHBOWL NSW 2196
Co-ordinates (GDA94)	Latitude: -33.92533448 Longitude: 151.05544461

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108544
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108545
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 81

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 82:

Site details	
Site ID	54359
Site address	Railway site, YAGOONA NSW 2199
Co-ordinates (GDA94)	Latitude: -33.90707475 Longitude: 151.02428087

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108546
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108547
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 82

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 83:

Site details

Site ID	54442
Site address	Railway site, BLACKTOWN NSW 2148
Co-ordinates (GDA94)	Latitude: -33.76940601 Longitude: 150.91062485

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108548
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108549
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 83

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.

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 84:

Site details

Site ID	54445
Site address	Railway Station, DOONSIDE NSW 2767
Co-ordinates (GDA94)	Latitude: -33.76399147 Longitude: 150.86822046

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108550
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108551
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 84

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 85:

Site details	
Site ID	54460
Site address	Railway Station, PENDLE HILL NSW 2145
Co-ordinates (GDA94)	Latitude: -33.80127749 Longitude: 150.95618649

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108552
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108553
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 85

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 86:

Site details	
Site ID	54461
Site address	Railway Station, QUAKERS HILL NSW 2763
Co-ordinates (GDA94)	Latitude: -33.72895916 Longitude: 150.88646157

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108554
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108555
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 86

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 87:

Site details

Site ID	54463
Site address	Railway Station, RIVERSTONE NSW 2765
Co-ordinates (GDA94)	Latitude: -33.67872648 Longitude: 150.86029839

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108556
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108557
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 87

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 88:

Site details	
Site ID	54464
Site address	Railway site, SEVEN HILLS NSW 2147
Co-ordinates (GDA94)	Latitude: -33.77415573 Longitude: 150.93566749

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108558
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108559
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 88

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 89:

Site details	
Site ID	54472
Site address	City Rail (Train Radio), 200m East of Railway Station, ST MARYS NSW 2760
Co-ordinates (GDA94)	Latitude: -33.7624386 Longitude: 150.77763009

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108560
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108561
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 89

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 90:

Site details

Site ID	54474
Site address	Railway Station, VINEYARD NSW 2765
Co-ordinates (GDA94)	Latitude: -33.65026061 Longitude: 150.85097616

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108562
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108563
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 90

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 91:

Site details	
Site ID	54476
Site address	Railway Station, WINDSOR NSW 2756
Co-ordinates (GDA94)	Latitude: -33.61361812 Longitude: 150.81099855

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108564
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108565
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details	
Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 91

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 92:

Site details

Site ID	55568
Site address	Lakemba Railway Station, LAKEMBA NSW 2195
Co-ordinates (GDA94)	Latitude: -33.91988227 Longitude: 151.07568615

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108566
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108567
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F8WWN

Antenna details

Antenna ID	70044
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Yagi (Vertical Polarisation)-Y

Special Conditions applying to Station 92

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 93:

Site details

Site ID	134145
Site address	North Ryde Metro Station (Underground), NORTH RYDE NSW 2113
Co-ordinates (GDA94)	Latitude: -33.79453806 Longitude: 151.13795194

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108568
Transmitter power	5.00 W
EIRP	8.40 W
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108569
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 93

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 94:

Site details

Site ID	134146
Site address	Macquarie Park Metro Station (Underground), MACQUARIE PARK NSW 2113
Co-ordinates (GDA94)	Latitude: -33.78503258 Longitude: 151.12854733

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108570
Transmitter power	5.00 W
EIRP	8.40 W
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108571
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F2D

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 94

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 95:

Site details

Site ID	200836
Site address	Wynyard Railway Station (Underground), SYDNEY NSW 2000
Co-ordinates (GDA94)	Latitude: -33.86571694 Longitude: 151.20596389

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108572
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108573
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 95

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 96:

Site details

Site ID	200838
Site address	St James Railway Station (Underground), Elizabeth St, SYDNEY NSW 2000
Co-ordinates (GDA94)	Latitude: -33.87045889 Longitude: 151.21187694

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108574
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108575
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 96

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 97:

Site details

Site ID	200839
Site address	Museum, Underground Rail Station, SYDNEY NSW 2000
Co-ordinates (GDA94)	Latitude: -33.87609774 Longitude: 151.20985793

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108576
Transmitter power	50.00 W
EIRP	83.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108577
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	77
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Radiax (Leaky feeder)-Z

Special Conditions applying to Station 97

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 -16dBm.

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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 98:

Site details

Site ID	200871
Site address	Olympic Park Railway Station (Underground), Comms room p401, SYDNEY OLYMPIC PARK NSW 2140
Co-ordinates (GDA94)	Latitude: -33.84642 Longitude: 151.06977611

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108578
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108579
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 98

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 99:

Site details

Site ID	202261
Site address	Tunnel Opening City Rail, CENTRAL NSW 2010
Co-ordinates (GDA94)	Latitude: -33.88879884 Longitude: 151.20272633

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108580
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108581
Transmitter power	N/A
EIRP	N/A
Emission designator	19K1F3E

Antenna details

Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 99

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 100:

Site details	
Site ID	202264
Site address	Blaxland Rd, RHODES NSW 2140
Co-ordinates (GDA94)	Latitude: -33.83035302 Longitude: 151.07639879

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108582
Transmitter power	50.00 W
EIRP	41.00 W
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108583
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 100

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 101:

Site details	
Site ID	202840
Site address	St Leonards Rail Station, ST LEONARDS NSW 2065
Co-ordinates (GDA94)	Latitude: -33.82257593 Longitude: 151.19417348

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108584
Transmitter power	10.00 W
EIRP	17.00 W
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108585
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 101

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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.

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 102:

Site details	
Site ID	202841
Site address	Wolli Rail Station, TURRELLA NSW 2205
Co-ordinates (GDA94)	Latitude: -33.93010327 Longitude: 151.15431592

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108586
Transmitter power	200 mW
EIRP	8.40 W
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108587
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details	
Antenna ID	1
Antenna polarisation	M - Mixed
Antenna azimuth	
Antenna height (m)	0
Antenna type	Unknown antenna type, size or specifications-

Special Conditions applying to Station 102

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 103:

Site details	
Site ID	203058
Site address	SRA Comms Room, FLEMINGTON NSW 2140
Co-ordinates (GDA94)	Latitude: -33.86208529 Longitude: 151.05866253

Transmitter details	
Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108588
Transmitter power	10.00 W
EIRP	41.00 W
Emission designator	10K1F3E

Antenna details	
Antenna ID	4
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Corner Reflector (Horizontal Polarisation)-R

Receiver details	
Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108589
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details	
Antenna ID	4
Antenna polarisation	H - Horizontal linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Corner Reflector (Horizontal Polarisation)-R

Special Conditions applying to Station 103

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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

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 104:

Site details

Site ID	9002169
Site address	Railway Station, Queen St, NORTH STRATHFIELD NSW 2137
Co-ordinates (GDA94)	Latitude: -33.85849999 Longitude: 151.08822996

Transmitter details

Assigned frequency	418.325000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108590
Transmitter power	10.00 W
EIRP	17.00 W
Emission designator	10K1F3E

Antenna details

Antenna ID	70085
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Receiver details

Assigned frequency	408.875000 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0001108591
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F3E

Antenna details

Antenna ID	70085
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	0
Antenna type	Dipole-D

Special Conditions applying to Station 104

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

No interference shall be caused to any Radiocommunication station or service and no protection from interference by such stations or services shall be afforded.

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