

Variation to Licence Area Plan – Armidale Radio – 2023 (No. 1)

The Australian Communications and Media Authority makes the following instrument under subsection 26(2) of the *Broadcasting Services Act 1992*.

Dated:

Member

Member/General Manager

Australian Communications and Media Authority

1 Name

This is the *Variation to Licence Area Plan – Armidale Radio – 2023 (No. 1)*.

2 Commencement

This instrument commences at the start of the day after the day it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at [www.legislation.gov.au](http://www.legislation.gov.au).

3 Authority

This instrument is made under subsection 26(2) of the *Broadcasting Services Act 1992*.

4 Amendments

The instrument that is specified in Schedule 1 is amended as set out in the applicable items in that Schedule.

Schedule 1—Amendments

(section 4)

Licence Area Plan – Armidale Radio (F2005B00587)

1 Clause (2)

Omit ‘Six national’, substitute ‘Seven national’.

2 After clause (4)

Add:

(5) For an area mentioned in clause (2) or clause (3), the Schedule mentioned in that clause specifies the radiocommunications transmitters planned for the provision of broadcasting services in that area by reference to:

(a) the Attachment that determines the technical specifications for each transmitter; and

(b) the frequency on which each transmitter is planned to operate and the approximate geographic area each transmitter is planned to serve; and

(c) the technical specification number for each transmitter and, for a transmitter planned for the provision of a service under a broadcasting services bands licence, the licence number of that licence.

(6) Each Attachment, other than an attachment that describes an area within which broadcasting services are to be available, determines the following technical specifications for a radiocommunications transmitter specified a Schedule:

(a) subject to clause (7), a description, and geographic coordinates, of the location (***nominal location***) from where the radiocommunications transmitter must be operated;

(b) the frequency on which the transmitter must be operated;

(c) the frequency band containing that frequency, and the mode of transmission the transmitter must use;

(d) the required polarisation of the transmission made by the transmitter;

(e) the maximum antenna height for the transmitter;

(f) the maximum effective radiated power (***ERP***) or cymomotive force (***CMF***), in each specified direction, of transmissions made by the transmitter;

(g) any special conditions that apply to the operation of the transmitter;

(h) any circumstances that must exist for the transmitter to be able to be operated, or that prohibit the transmitter from being operated.

(7) A radiocommunications transmitter may be operated from a location other than a nominal location (***alternative site***) if operation from the alternative site complies with any requirements set out for the transmitter and for the operation of the transmitter in guidelines made under section 33 of the Act in relation to operation from an alternative site.

Note: Guidelines under section 33 of the *Broadcasting Services Act 1992* are available, free of charge, from the Federal Register of Legislation at [www.legislation.gov.au](http://www.legislation.gov.au). At the time this clause commenced, the *Broadcasting Services (Technical Planning) Guidelines 2017* were the guidelines in force under section 33.

(8) In this plan, ***radiocommunications transmitter*** has the meaning given by the *Radiocommunications Act 1992*.

3 After clause (8)

Omit ‘(Determined by the Australian Broadcasting Authority on 27 August 1998)’.

4 Schedule One

(1) In the first column of each of the following rows of the table, omit “National”:

(a) Attachment 1.3;

(b) Attachment 1.4;

(c) Attachment 1.5;

(d) Attachment 1.6;

(e) Attachment 1.7.

(2) After the row of the table that refers to Attachment 1.8B, insert:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 97.3 MHz | SL4105 | TS12001211 | 1.8C | Armidale Town |
|  | 105.7 MHz | SL4015 | TS12000900 | 1.8D | Guyra |
|  | 105.3 MHz | SL4015 | TS12000918 | 1.8E | Uralla |

(3) After the row of the table that refers to Attachment 1.9, insert:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 98.1 MHz | SL10316 | TS12001212 | 1.9A | Armidale Town |
|  | 107.3 MHz | SL10316 | TS12000899 | 1.9B | Guyra |
|  | 106.1 MHz | SL10316 | TS12000917 | 1.9C | Uralla |

5 Each of Attachments 1.2 to 1.4

Omit:

Latitude Longitude

-30.377124 151.601940

substitute:

Latitude Longitude

-30.377020 151.601930

6 Each of Attachments 1.2 to 1.8B

Omit:

Site Tolerance: Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

7 Attachments 1.5A and 1.8A

Omit:

Latitude Longitude

-30.377124 151.601940

substitute:

Latitude Longitude

-30.377020 151.601930

8 After Attachment 1.8B

Insert Attachments 1.8C, 1.8D and 1.8E at Schedule 2 to this instrument.

9 Attachment 1.9

Omit:

Latitude Longitude

-30.377124 151.601940

substitute:

Latitude Longitude

-30.377020 151.601930

10 Attachment 1.9

Omit:

Site Tolerance: Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

11 After Attachment 1.9

Insert Attachments 1.9A, 1.9B and 1.9C at Schedule 3 to this instrument.

12 Each of Attachments 1.10 to 1.13, and Attachment 2.2

Omit:

Site Tolerance: Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Schedule 2—Attachments 1.8C to 1.8E

(Schedule 1, item 8)

Attachment 1.8C

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Armidale Town (NSW)

Service Licence Number : SL4105

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12001211

Transmitter Site :-

Nominal location : Broadcast Studio Site 123 Rusden St ARMIDALE

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.515052 151.667427

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 97.3 MHz

Polarisation : Mixed

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Note:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

Attachment 1.8D

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Guyra (NSW)

Service Licence Number : SL4105

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000900

Transmitter Site :-

Nominal location : SE Reservoir, Prisk Hill, Georges Close, GUYRA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.217098 151.683086

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 105.7 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Notes:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

This specification is planned on an interference limited basis. Field strengths below the planned minimum median field strength are likely to suffer interference from other broadcasting services.

Attachment 1.8E

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Uralla (NSW)

Service Licence Number : SL4105

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000918

Transmitter Site :-

Nominal location : Council Tower, Mt Mutton, Lookout Rd URALLA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.634600 151.496188

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 105.3 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Notes:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

This specification is planned on an interference limited basis. Field strengths below the planned minimum median field strength are likely to suffer interference from other broadcasting services.

Schedule 3—Attachments 1.9A to 1.9C

(Schedule 1, item 11)

Attachment 1.9A

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Armidale Town (NSW)

Service Licence Number : SL10316

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12001212

Transmitter Site :-

Nominal location : Broadcast Studio Site 123 Rusden St ARMIDALE

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.515052 151.667427

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 98.1 MHz

Polarisation : Mixed

Maximum antenna height : 15 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Note:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

Attachment 1.9B

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Guyra (NSW)

Service Licence Number : SL10316

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000899

Transmitter Site :-

Nominal location : SE Reservoir, Prisk Hill, Georges Close, GUYRA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.217098 151.683086

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 107.3 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Notes:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

This specification is planned on an interference limited basis. Field strengths below the planned minimum median field strength are likely to suffer interference from other broadcasting services.

Attachment 1.9C

LICENCE AREA PLAN : Armidale Radio

Category : Commercial

General Area Served : Uralla (NSW)

Service Licence Number : SL10316

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000917

Transmitter Site :-

Nominal location : Council Tower, Mt Mutton, Lookout Rd URALLA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -30.634600 151.496188

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 106.1 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 100 W |

Advisory Notes:-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBμV/m against interference from other broadcasting services.

This specification is planned on an interference limited basis. Field strengths below the planned minimum median field strength are likely to suffer interference from other broadcasting services.