

Variation to Licence Area Plan – Deniliquin Radio – 2022 (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 – Deniliquin Radio – 2022 (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 – Deniliquin (Radio) – September 1997 (F2005B00594)

1 Name of instrument

Rename the instrument as the “Licence Area Plan – Deniliquin Radio”.

2 *Determination*

Repeal clauses (1) to (6), substitute:

1. This plan for broadcasting services in the Deniliquin area of New South Wales and Victoria is made under subsection 26(1) of the *Broadcasting Services Act 1992*.
2. Three national radio broadcasting services are to be available in the area described at Attachment 1.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the national radio services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.2, 1.3 and 1.14to this plan.
3. Two commercial radio broadcasting services are to be available in the area described at Attachment 1.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.4 - 1.6A to this plan.
4. Six open narrowcasting radio services are to be available in the area described at Attachment 1.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the open narrowcasting radio services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.7 - 1.13to this plan.
5. One community radio broadcasting service is to be available in the area described at Attachment 2.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the services that are to be available in the area described at Attachment 2.1 are set out in Schedule Two and Attachment 2.2 to this plan.
6. In this plan, unless the contrary intention appears:

(a) a reference to a schedule or an attachment is a reference to a schedule or an attachment to this plan;

(b) a reference to a legislative instrument is a reference to that instrument as in force from time to time;

(c) a reference to any other kind of instrument or writing is a reference to that other kind of instrument or writing as in force or in existence at the time the reference was included in this plan.

Note 1: For references to Commonwealth Acts, see section 10 of the *Acts Interpretation Act 1901*; and see also subsection 13(1) of the *Legislation Act 2003* for the application of the *Acts Interpretation Act 1901* to legislative instruments.

Note 2: All Commonwealth Acts and legislative instruments are registered on the Federal Register of Legislation.

3 After clause (6)

Omit “(Determined by the Australian Broadcasting Authority on 15 September 1997)”.

4 Schedule One and Schedule Two

Repeal the schedules, substitute:

Schedule One

Licence Area Plan : Deniliquin Radio

Licence Area : DENILIQUIN RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| National | 99.3 MHz | N/A | TS10003520 | 1.2 | Deniliquin |
| National | 94.1 MHz | N/A | TS10003531 | 1.3 | Jerilderie |
| National | 100.9 MHz | N/A | TS1132641 | 1.14 | Deniliquin |
| Commercial | 1521 kHz | SL10407 | TS10003518 | 1.4 | Deniliquin |
|  | 93.3 MHz | SL10407 | TS12000648 | 1.4A | Cobram |
|  | 92.5 MHz | SL10408 | TS12000971 | 1.4B | Echuca/Moama |
|  | 102.9 MHz | SL10407 | TS12000437 | 1.4C | Echuca/Moama |
| Commercial | 102.5 MHz | SL10408 | TS10003519 | 1.5 | Deniliquin |
|  | 88.5 MHz | SL10408 | TS10008009 | 1.6 | Cobram |
|  | 103.9 MHz | SL10408 | TS12000441 | 1.6A | Echuca/Moama |
| Open Narrowcasting | 104.5 MHz | N/A | TS10007976 | 1.7 | Berrigan |
| Open Narrowcasting | 106.1 MHz | N/A | TS10005981 | 1.8 | Deniliquin |
| Open Narrowcasting | 104.5 MHz | N/A | TS10007977 | 1.9 | Finley |
| Open Narrowcasting | 94.9 MHz | N/A | TS10007598 | 1.10 | Jerilderie |
| Open Narrowcasting | 92.5 MHz | N/A | TS10007978 | 1.12 | Tocumwal |
| Open Narrowcasting | 92.5 MHz | N/A | TS10007974 | 1.13 | Wakool |

Schedule Two

Licence Area Plan : Deniliquin Radio

Licence Area : DENILIQUIN RA2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 89.7 MHz | SL10409 | TS1132600 | 2.2 | Deniliquin |

5 Attachments

Repeal all the attachments, substitute:

Attachment 1.1

Licence Area - DENILIQUIN RA1

Commercial Radio Service Licence numbers: SL10407 and SL10408

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

| Area Description |
| --- |
| Deniliquin (A) (LGA) |
| Murray (A) (LGA) |
| Campaspe (S) – Echuca (SLA) |
| NSW CD 010211 |
| NSW CD 010212 |
| NSW CD 010213 |
| NSW CD 010214 |
| NSW CD 010305 |
| NSW CD 010307 |
| NSW CD 010308 |
| NSW CD 010309 |
| NSW CD 010310 |
| NSW CD 010311 |
| NSW CD 010602 |
| NSW CD 010902 |
| NSW CD 010903 |
| NSW CD 010904 |
| NSW CD 010905 |
| NSW CD 011001 |
| NSW CD 011002 |
| NSW CD 011003 |
| NSW CD 011004 |
| NSW CD 011005 |
| NSW CD 011007 |
| NSW CD 011008 |
| NSW CD 011009 |
| NSW CD 011010 |
| NSW CD 011011 |
| NSW CD 011101 |
| NSW CD 011102 |
| NSW CD 011104 |
| NSW CD 011105 |
| NSW CD 011106 |
| NSW CD 011107 |
| NSW CD 011108 |
| NSW CD 011109 |
| NSW CD 011203 |
| NSW CD 011204 |
| NSW CD 011205 |
| VIC CD 020106 |
| VIC CD 021001 |
| VIC CD 021002 |
| VIC CD 021003 |
| VIC CD 021004 |
| VIC CD 021010 |
| VIC CD 030101 |
| VIC CD 030102 |
| VIC CD 030103 |
| VIC CD 030104 |
| VIC CD 030105 |
| VIC CD 030107 |
| VIC CD 030108 |
| VIC CD 030109 |
| VIC CD 030110 |
| VIC CD 031203 |
| VIC CD 032301 |
| VIC CD 032303 |
| VIC CD 032304 |
| VIC CD 032306 |
| VIC CD 032307 |
| VIC CD 032309 |
| VIC CD 032310 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(A) = NSW Local Government Area (excluding Cities)

(CD) = Collection District

(LGA) = Local Government Area

(S) = Shire

(SLA) = Statistical Local Area

Attachment 1.2

LICENCE AREA PLAN : Deniliquin Radio

Category : National

General Area Served : Deniliquin (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003520

Transmitter Site :-

Nominal location : BAI Comms Site Lot 1 Moonee Swamp Rd  
 DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.513314 145.005023

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 99.3 MHz

Polarisation : Mixed

Maximum antenna height : 65 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 2 kW |

Attachment 1.3

LICENCE AREA PLAN : Deniliquin Radio

Category : National

General Area Served : Jerilderie (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003531

Transmitter Site :-

Nominal location : BAI Comms Site Conargo Rd JERILDERIE

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.342881 145.660845

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 94.1 MHz

Polarisation : Mixed

Maximum antenna height : 71 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 1 kW |

Attachment 1.4

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Deniliquin (NSW)

Service Licence Number : SL10407

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003518

Transmitter Site :-

Nominal location : Broadcast Site Lot 1 Cal Col Rd  
 DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.625997 144.913356

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

Emission :-

Frequency Band & Mode : MF-AM

Carrier Frequency : 1521 kHz

Output Radiation Pattern :-

|  |  |  |
| --- | --- | --- |
| Bearing or Sector  (Clockwise direction) | Elevation | Maximum CMF |
| At all angles of azimuth | 0 | 600 V |

Special Condition :-

The CMF at all elevations must not exceed the specified CMF at 0 degrees elevation for all angles of azimuth.

Attachment 1.4A

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Cobram (VIC)

Service Licence Number : SL10407

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000648

Transmitter Site :-

Nominal location : Broadcast Site Racecourse Ritchie Rd COBRAM

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.904024 145.636837

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 93.3 MHz

Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

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

Advisory Note :-

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

Any transmission in accordance with this 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 1.4B

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Echuca/Moama (VIC)

Service Licence Number : SL10408

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000971

Transmitter Site :-

Nominal location : 2QN-2MOR Office 250 Anstruther St ECHUCA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -36.126345 144.74853611

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 92.5 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 200 W |

***Availability of TS12000971 :-***

TS12000971 ceases to be available under licence SL10408 upon the commencement of transmission of a service under licence SL10408 by transmitter TS12000441.

Advisory Note :-

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

Any transmission in accordance with this 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 1.4C

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Echuca/Moama (VIC)

Service Licence Number : SL10407

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000437

Transmitter Site :-

Nominal location : 2QN-2MOR Office 250 Anstruther St ECHUCA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -36.126345 144.74853611

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 102.9 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 200 W |

Advisory Note :-

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

Any transmission in accordance with this 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 1.5

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Deniliquin (NSW)

Service Licence Number : SL10408

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003519

Transmitter Site :-

Nominal location : Broadcast Site Lot 991 Cobb Hwy DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.668086 144.909752

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 102.5 MHz

Polarisation : Mixed

Maximum antenna height : 137 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 50 kW |

Attachment 1.6

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Cobram (VIC)

Service Licence Number : SL10408

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008009

Transmitter Site :-

Nominal location : Broadcast Site Racecourse Ritchie Rd COBRAM

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.904024 145.636837

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 88.5 MHz

Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

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

Attachment 1.6A

LICENCE AREA PLAN : Deniliquin Radio

Category : Commercial

General Area Served : Echuca/Moama (VIC)

Service Licence Number : SL10408

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000441

Transmitter Site :-

Nominal location : 2QN-2MOR Office 250 Anstruther St ECHUCA

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -36.126345 144.74853611

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 103.9 MHz

Polarisation : Mixed

Maximum antenna height : 25 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 200 W |

Availability of TS12000441 :-

TS12000441 is only available for the transmission of a service under licence SL10408 when the transmission of a service under licence SL10408 by transmitter TS12000971 has ceased.

Advisory Note :-

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

Any transmission in accordance with this 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 1.7

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Berrigan (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007976

Transmitter Site :-

Nominal location : Nominal Planning Site BERRIGAN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.657519 145.810323

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 104.5 MHz

Polarisation : Mixed

Maximum antenna height : 10 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 8 km from a point with the following GDA94 co-ordinates: -35.657519, 145.810323. This point is the same as the transmitter site nominal location.

Any transmission in accordance with this 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 1.8

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Deniliquin (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005981

Transmitter Site :-

Nominal location : BAI Comms Site Lot 1 Moonee Swamp Rd   
 DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.513314 145.005023

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 106.1 MHz

Polarisation : Mixed

Maximum antenna height : 65 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 1 kW |

Advisory Note : -

The coverage area of this transmission is defined as a circle of radius 25 kilometres measured from a point with the following GDA94 co-ordinates: -35.513314, 145.005023. This point is the same as the transmitter site nominal location.

Attachment 1.9

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Finley (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007977

Transmitter Site :-

Nominal location : Nominal Planning Site FINLEY

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.645038 145.574142

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 104.5 MHz

Polarisation : Mixed

Maximum antenna height : 10 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 8 km from a point with the following GDA94 co-ordinates: -35.645038, 145.574142. This point is the same as the transmitter site nominal location.

Any transmission in accordance with this 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 1.10

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Jerilderie (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007598

Transmitter Site :-

Nominal location : Nominal Planning Site 64 Mahonga St  
 JERILDERIE

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.356468 145.730012

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 94.9 MHz

Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 8 km from a point with the following GDA94 co-ordinates: -35.356468, 145.730012. This point is the same as the transmitter site nominal location.

Any transmission in accordance with this 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 1.12

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Tocumwal (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007978

Transmitter Site :-

Nominal location : Nominal Planning Site TOCUMWAL

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.814520 145.573330

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 92.5 MHz

Polarisation : Mixed

Maximum antenna height : 10 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 8 km from a point with the following GDA94 co-ordinates: -35.814520, 145.573330. This point is the same as the transmitter site nominal location.

Any transmission in accordance with this 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 1.13

LICENCE AREA PLAN : Deniliquin Radio

Category : Open Narrowcasting

General Area Served : Wakool (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007974

Transmitter Site :-

Nominal location : Nominal Planning Site WAKOOL

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.470259 144.394809

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 92.5 MHz

Polarisation : Mixed

Maximum antenna height : 10 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 10 W |

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 8 km from a point with the following GDA94 co-ordinates: -35.470259, 144.394809. This point is the same as the transmitter site nominal location.

Any transmission in accordance with this 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 1.14

LICENCE AREA PLAN : Deniliquin Radio

Category : National

General Area Served : Deniliquin (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1132641

Transmitter Site :-

Nominal location : BAI Comms Site Lot 1 Moonee Swamp Rd  
 DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.513314 145.005023

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 100.9 MHz

Polarisation : Mixed

Maximum antenna height : 65 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 2 kW |

Advisory Note :-

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

Any transmission in accordance with this 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 2.1

Licence Area - DENILIQUIN RA2

Community Radio Service Licence number: SL10409

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

| Area Description |
| --- |
| Deniliquin (A) (LGA) |
| NSW CD 010903 |

Note:

Standard terminology used by the Australian Bureau of Statistics:

(A) = NSW Local Government Area (excluding Cities)

(CD) = Collection District

(LGA) = Local Government Area

Attachment 2.2

LICENCE AREA PLAN : Deniliquin Radio

Category : Community

General Area Served : Deniliquin (NSW)

Service Licence Number : SL10409

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1132600

Transmitter Site :-

Nominal location : BAI Comms Site Lot 1 Moonee Swamp Rd   
 DENILIQUIN

Nominal Co-ordinates Latitude Longitude  
(GDA94) : -35.513314 145.005023

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

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 89.7 MHz

Polarisation : Mixed

Maximum antenna height : 65 m

Output Radiation Pattern :-

|  |  |
| --- | --- |
| Bearing or Sector  (Clockwise direction) | Maximum ERP |
| At all angles of azimuth | 500 W |

Advisory Note :-

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

Any transmission in accordance with this 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.