



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: 16 June 2022

James Cameron
[signed]
Member

Cathy Rainsford
[signed]
~~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.

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 broadcasting 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 1.14 to 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 commercial radio broadcasting services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.4 to 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 to 1.13 to 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 community radio broadcasting 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.

Schedule 1

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 : DENILIKUIN RAI

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

Schedule 1

Area Description	Area Description
VIC CD 032306	VIC CD 032310
VIC CD 032307	
VIC CD 032309	

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
 DENILIQVIN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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

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 (GDA94) : Latitude Longitude
 -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
 DENILIKUIN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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 (GDA94) : Latitude Longitude
-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 dB μ V/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 (GDA94) : Latitude Longitude
-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 dB μ V/m against interference from other broadcasting services.

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 (GDA94) : Latitude Longitude
 -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 dB μ V/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 DENILIQUN
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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

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 (GDA94) : Latitude Longitude
 -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 (GDA94) : Latitude Longitude
-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 dB μ V/m against interference from other broadcasting services.

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
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Transmitter Site :-

Nominal location :	Nominal Planning Site BERRIGAN	
Nominal Co-ordinates (GDA94) :	Latitude	Longitude
	-35.657519	145.810323
Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2017</i>	

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 dB μ V/m against interference from other broadcasting services.

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
 DENILIKUIN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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.

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
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Transmitter Site :-

Nominal location :	Nominal Planning Site FINLEY	
Nominal Co-ordinates (GDA94) :	Latitude	Longitude
	-35.645038	145.574142
Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2017</i>	

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 dB μ V/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
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Transmitter Site :-

Nominal location :	Nominal Planning Site 64 Mahonga St JERILDERIE	
Nominal Co-ordinates (GDA94) :	Latitude -35.356468	Longitude 145.730012
Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2017</i>	

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 dB μ V/m against interference from other broadcasting services.

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
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Transmitter Site :-

Nominal location :	Nominal Planning Site TOCUMWAL	
Nominal Co-ordinates (GDA94) :	Latitude	Longitude
	-35.814520	145.573330
Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2017</i>	

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 dB μ V/m against interference from other broadcasting services.

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
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Transmitter Site :-

Nominal location :	Nominal Planning Site WAKOOL	
Nominal Co-ordinates (GDA94) :	Latitude	Longitude
	-35.470259	144.394809
Site Tolerance :	Refer to <i>Broadcasting Services (Technical Planning) Guidelines 2017</i>	

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 dB μ V/m against interference from other broadcasting services.

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
 DENILIQUN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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 dB μ V/m against interference from other broadcasting services.

Licence Area - DENILQUIN 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

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
 DENILIKUIN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -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 dB μ V/m against interference from other broadcasting services.