



Variation to Licence Area Plan – Charleville 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: 1 December 2022

James Cameron

[signed]

Member

Chris Jose

[signed]

Member/~~General Manager~~

Australian Communications and Media Authority

1 Name

This is the *Variation to Licence Area Plan – Charleville 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 – Charleville (Radio) – August 1996 (F2005B01108)

1 Name of instrument

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

2 Title page

Omit the title page, substitute:

Licence Area Plan – Charleville Radio

3 Determination (after the heading)

Repeal the three paragraphs, substitute:

- (1) This plan for broadcasting services in the Charleville area of Queensland is made under subsection 26(1) of the *Broadcasting Services Act 1992*.
- (2) Two national radio broadcasting services, two commercial radio broadcasting services and three open narrowcasting 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 1.2 to 1.22 to this plan.
- (3) One community radio broadcasting service is to be made available in the Charleville area described at Attachment 2.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the service that is to be available in the area described at Attachment 2.1 are set out in Schedule Two and Attachments 2.2 to 2.4 to this plan.
- (4) 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.

4 Determination

Omit “Dated 27 August 1996.”

5 Schedule

Repeal the heading “SCHEDULE” and all of the text under that heading until Schedule 1.

6 Schedule One, Schedule Two and Schedule Three

Repeal the schedules, substitute:

Schedule One

Licence Area Plan : Charleville Radio

Licence Area : CHARLEVILLE RAI

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
National	107.3 MHz	N/A	TS10003861	1.2	Charleville
National	107.7 MHz	N/A	TS10003848	1.3	Augathella
National	107.7 MHz	N/A	TS10003863	1.4	Cunnamulla
National	107.5 MHz	N/A	TS10003883	1.5	Morven
National	107.7 MHz	N/A	TS10003885	1.6	Quilpie
National	603 kHz	N/A	TS10003860	1.7	Charleville
National	106.1 MHz	N/A	TS10003864	1.8	Cunnamulla
National	106.1 MHz	N/A	TS10003886	1.9	Quilpie
Commercial	783 kHz	SL10218	TS4186001	1.10	Charleville
	918 kHz	SL10218	TS4186002	1.11	Cunnamulla
	106.1 MHz	SL10218	TS10013411	1.17	Augathella
	105.9 MHz	SL10218	TS10013412	1.18	Morven
	107.1 MHz	SL10218	TS10013414	1.19	Mungallala
	104.5 MHz	SL10218	TS10013415	1.20	Quilpie
	98.7 MHz	SL10218	TS10013416	1.21	Tambo
	93.9 MHz	SL10218	TS10013417	1.22	Wyandra
Commercial	101.7 MHz	SL10220	TS10004431	1.12	Charleville
	96.5 MHz	SL10220	TS10004434	1.13	Cunnamulla
Open Narrowcasting	104.1 MHz	N/A	TS10009569	1.14	Charleville
Open Narrowcasting	102.9 MHz	N/A	TS10004220	1.15	Cunnamulla
Open Narrowcasting	101.3 MHz	N/A	TS10004224	1.16	Quilpie

Schedule Two

Licence Area Plan : Charleville Radio

Licence Area : CHARLEVILLE RA2

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach No	Area Served
Community	105.7 MHz	SL1150826	TS6271001	2.2	Charleville
	104.5 MHz	SL1150826	TS12000539	2.3	Augathella
	99.7 MHz	SL1150826	TS12000537	2.4	Cunnamulla
	104.3 MHz	SL1150826	TS12000538	2.5	Morven

7 Attachments 1.1 to 1.22, Attachments 2.1 to 2.2 and Attachments 3.1 to 3.5

Repeat all the attachments, substitute:

Attachment 1.1

LICENCE AREA - CHARLEVILLE RA1 – COMMERCIAL RADIO - Service Licence Nos: SL10218 and SL10220

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 5 August 2001, is:

Area Description
Murweh (S)
Paroo (S)
Tambo (S)
QLD CD 3090408
QLD CD 3090803
QLD CD 3090905
QLD CD 3090402
QLD CD 3090903
QLD CD 3090405
QLD CD 3090403
QLD CD 3090404

Note:

Standard terminology used by the Australian Bureau of Statistics:

- (CD) = Collection District
(S) = Shire

Attachment 1.2**LICENCE AREA PLAN : Charleville Radio**

Category : National
General Area Served : Charleville (QLD)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003861

Transmitter Site :-

Nominal location : Broadcast Australia Tower Warrego Hwy 11 km E
of CHARLEVILLE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -26.416225 146.355589

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

Emission :-

Frequency Band & Mode : VHF-FM
Carrier Frequency : 107.3 MHz
Polarisation : Mixed
Maximum antenna height : 75 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	600 W

LICENCE AREA PLAN : Charleville Radio

Category : National
 General Area Served : Augathella (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003848

Transmitter Site :-

Nominal location : Broadcast Australia Site 1 km SE of
AUGATHELLA

Nominal Co-ordinates (GDA94) : Latitude Longitude
-25.806309 146.588827

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 64 m

Output Radiation Pattern :-

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

Attachment 1.4

LICENCE AREA PLAN : Charleville Radio

Category : National
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003863

Transmitter Site :-

Nominal location : Broadcast Australia Site off Mitchell Hwy 3 km NE of CUNNAMULLA
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -28.047758 145.701921
 Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 56 m

Output Radiation Pattern :-

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

Attachment 1.5**LICENCE AREA PLAN : Charleville**

Category : National
General Area Served : Morven (QLD)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003883

Transmitter Site :-

Nominal location : Broadcast Site 10 km South of MORVEN
Nominal Co-ordinates (GDA94) : Latitude Longitude
-26.505657 147.133927
Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
Carrier Frequency : 107.5 MHz
Polarisation : Mixed
Maximum antenna height : 66 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	400 W

Attachment 1.6

LICENCE AREA PLAN : Charleville

Category : National
 General Area Served : Quilpie (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003885

Transmitter Site :-

Nominal location : Broadcast Australia Site Cnr Chipu and Winchu Sts
 QUILPIE

Nominal Co-ordinates Latitude Longitude
 (GDA94) : -26.619249 144.264594

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 32 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50 W

LICENCE AREA PLAN : Charlevil

Category : National
 General Area Served : Charleville (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION – AM Radio

Specification Number : TS003860

Transmitter Site :-

Nominal location : Mitchell Hwy 18 km NNE of CHARLEVILLE
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.254489 146.302920
 Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 603 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
0°T	0	300 V
10°T	0	195 V
20°T	0	470 V
26°T	0	600 V
30°T	0	740 V
40°T	0	945 V
50°T	0	1.090 kV
60°T	0	1.175 kV
70° T	0	1.215 kV
80°T	0	1.235 kV
90°T	0	1.230 kV
100°T	0	1.205 kV
110°T	0	1.145 kV
120°T	0	1.040 kV
130°T	0	875 V

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
140°T	0	640 V
150°T	0	355 V
156°T	0	200 V
160°T	0	165 V
170°T	0	430 V
180°T	0	750 V
190°T	0	1.010 kV
200°T	0	1.190 kV
210°T	0	1.280 kV
220°T	0	1.295 kV
230°T	0	1.265 kV
240°T	0	1.215 kV
250°T	0	1.170 kV
260°T	0	1.150 kV
270°T	0	1.155 kV
280°T	0	1.190 kV
290°T	0	1.235 kV
300°T	0	1.280 kV
310°T	0	1.295 kV
320°T	0	1.250 kV
330°T	0	1.130 kV
340°T	0	915 V
350°T	0	625 V
351°T	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 1.8

LICENCE AREA PLAN : Charleville

Category : National
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003864

Transmitter Site :-

Nominal location : Broadcast Australia Site off Mitchell Hwy 3 km NE of CUNNAMULLA
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -28.047758 145.701921
 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 : 56 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Charleville

Category : National
 General Area Served : Quilpie (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS003886

Transmitter Site :-

Nominal location : Broadcast Australia Site Cnr Chipu and Winchu Sts
 QUILPIE

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.619249 144.264594

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 : 32 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50 W

Attachment 1.10**LICENCE AREA PLAN : Charleville Radio**

Category : Commercial
 General Area Served : Charleville (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS4186001

Transmitter Site :-

Nominal location : Broadcast Site Cnr Frawley and Cook Sts
 CHARLEVILLE

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.396696 146.221614

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

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 918 kHz

Night-time Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	440 V

Special Conditions :-

The specified radiation pattern is for night-time operation. The licensee must comply with the specification from one hour before local sunset to one hour after local sunrise, as defined at the transmitter site on the 15th day of each month.

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

Daytime Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	490 V

Special Conditions :-

The specified radiation pattern is for daytime operation. The licensee must comply with the specification from one hour after local sunrise to one hour before local sunset, as defined at the transmitter site on the 15th day of each month.

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

Attachment 1.11**LICENCE AREA PLAN : Charleville Radio**

Category : Commercial
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS4186002

Transmitter Site :-

Nominal location : Macquarie Site Burrenbilla Rd 5 km S of
CUNNAMULLA

Nominal Co-ordinates Latitude Longitude
(GDA94) : -28.111746 145.691919

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

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 1584 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Elevation	Maximum CMF
At all angles of azimuth	0	140 V

Special Conditions :-

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

Attachment 1.12**LICENCE AREA PLAN : Charleville**

Category : Commercial
General Area Served : Charleville (QLD)
Service Licence Number : SL010220

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS004431

Transmitter Site :-

Nominal location : Water Tower Parry St CHARLEVILLE
Nominal Co-ordinates (GDA94) : Latitude Longitude
-26.404474 146.244331
Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
Carrier Frequency : 101.7 MHz
Polarisation : Mixed
Maximum antenna height : 40 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	5 kW

Attachment 1.13

LICENCE AREA PLAN : Charleville

Category : Commercial
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : SL010220

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS004434

Transmitter Site :-

Nominal location : Macquarie Site Burrenbilla Rd 5 km S of
CUNNAMULLA

Nominal Co-ordinates Latitude Longitude
(GDA94) : -28.111746 145.691919

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 96.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 70 m

Output Radiation Pattern :-

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

Attachment 1.14**LICENCE AREA PLAN : Charleville Radio**

Category : Open Narrowcasting
General Area Served : Charleville (QLD)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10009569

Transmitter Site :-

Nominal location : Nominal Planning Site CHARLEVILLE
Nominal Co-ordinates (GDA94) : Latitude Longitude
-26.415132 146.359375
Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
Carrier Frequency : 104.1 MHz
Polarisation : Mixed
Maximum antenna height : 75 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	25 W

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 16 km measured from a point with the following GDA94 co-ordinates: -26.415132, 146.359375. This point is the same as the transmitter site nominal location.

Attachment 1.15**LICENCE AREA PLAN : Charleville**

Category : Open Narrowcasting
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS004220

Transmitter Site :-

Nominal location : Nominal Planning Site CUNNAMULLA
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -28.048451 145.705565
 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 : 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	25 W

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 6 km measured from a point with the following GDA94 co-ordinates: -28.048451, 145.705565. This point is the same as the transmitter site nominal location.

LICENCE AREA PLAN : Charleville

Category : Open Narrowcasting
 General Area Served : Quilpie (QLD)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS004224

Transmitter Site :-

Nominal location : Nominal Planning Site QUILPIE
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.620490 144.264354
 Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 101.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	25 W

Advisory Note :-

The coverage area of this transmission is defined as a circle of radius 6 km measured from a point with the following GDA94 co-ordinates: -26.620490, 144.264354. This point is the same as the transmitter site nominal location.

LICENCE AREA PLAN : Charleville Radio

Category : Commercial
 General Area Served : Augathella (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013411

Transmitter Site :-

Nominal location : Broadcast Australia Site 1 km SE of
AUGATHELLA

Nominal Co-ordinates (GDA94) : Latitude Longitude
-25.806309 146.588827

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 : 64 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 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 : Charleville Radio

Category : Commercial
 General Area Served : Morven (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013412

Transmitter Site :-

Nominal location : Broadcast Site Council Depot cnr West and Roma Sts MORVEN

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.417954 147.110435

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 105.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 40 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	400 W

Advisory Note :-

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 1.19

LICENCE AREA PLAN : Charleville Radio

Category : Commercial
 General Area Served : Mungallala (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013414

Transmitter Site :-

Nominal location : Nominal Planning Site MUNGALLALA
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.443997 147.544130
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.1 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 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 1.20**LICENCE AREA PLAN : Charleville Radio**

Category : Commercial
 General Area Served : Quilpie (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013415

Transmitter Site :-

Nominal location : Broadcast Australia Site Cnr Chipu and Winchu Sts
 QUILPIE

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.619249 144.264594

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 : 32 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	50 W

Advisory Note :-

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 1.21**LICENCE AREA PLAN : Charleville Radio**

Category : Commercial
General Area Served : Tambo (QLD)
Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013416

Transmitter Site :-

Nominal location : Broadcast Site Council Works Depot TAMBO
Nominal Co-ordinates (GDA94) : Latitude Longitude
-24.882127 146.254305
Site Tolerance : Refer to *Broadcasting Services
(Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
Carrier Frequency : 98.7 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 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 1.22

LICENCE AREA PLAN : Charleville Radio

Category : Commercial
 General Area Served : Wyandra (QLD)
 Service Licence Number : SL10218

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013417

Transmitter Site :-

Nominal location : Town Hall 9-13 Macks St WYANDRA
 Nominal Co-ordinates (GDA94) : Latitude Longitude
 -27.248677 145.978720
 Site Tolerance : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 93.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 10 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	20 W

Advisory Note :-

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 2.1**Licence Area - CHARLEVILLE RA2 – COMMUNITY RADIO****Community Radio Service Licence number: SL1150826**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 9 August 2016, is:

Area Description
3140901 (SA1)
3140904 (SA1)
3140905 (SA1)
3140906 (SA1)
3140907 (SA1)
3140908 (SA1)
3140909 (SA1)
3140910 (SA1)
3140911 (SA1)
3140912 (SA1)
3140914 (SA1)
3141105 (SA1)
3141106 (SA1)
3141107 (SA1)
3141108 (SA1)

Note:

Standard terminology used by the Australian Bureau of Statistics:

(SA1) = Statistical Local Area

LICENCE AREA PLAN : Charleville Radio

Category : Community
 General Area Served : Charleville (QLD)
 Service Licence Number : SL1150826

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS6271001

Transmitter Site :-

Nominal location : Broadcast Australia Tower Warrego Hwy 11 km E
 of CHARLEVILLE

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -26.416225 146.355589

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 105.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 75 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Charleville Radio

Category : Community
 General Area Served : Augathella (QLD)
 Service Licence Number : SL1150826

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000539

Transmitter Site :-

Nominal location : Broadcast Australia Site 1 km SE of
AUGATHELLA

Nominal Co-ordinates (GDA94) : Latitude Longitude
-25.806309 146.588827

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 : 64 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Charleville Radio

Category : Community
 General Area Served : Cunnamulla (QLD)
 Service Licence Number : SL1150826

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000537

Transmitter Site :-

Nominal location : Broadcast Australia Site off Mitchell Hwy 3 km NE of CUNNAMULLA

Nominal Co-ordinates (GDA94) : Latitude Longitude
 -28.047758 145.701921

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 99.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 56 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Charleville Radio

Category : Community
 General Area Served : Morven (QLD)
 Service Licence Number : SL1150826

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS12000538

Transmitter Site :-

Nominal location : Broadcast Site Council Depot cnr West and Roma
 Sts MORVEN

Nominal Co-ordinates Latitude Longitude
 (GDA94) : -26.417954 147.110435

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 104.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 40 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	300 W