

Variation to Licence Area Plan – Mount Gambier 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 – Mount Gambier 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 – Mount Gambier Radio – December 2001 (F2005B00700)

1 Name of instrument

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

2 Title page

Omit:

**LICENCE AREA PLAN**

**MOUNT GAMBIER RADIO**

**DECEMBER 2001**

substitute:

**Licence Area Plan – Mount Gambier Radio**

3 Heading before clauses

Omit “– DECEMBER 2001”.

4 Clauses

Number each of the clauses consecutively as clauses (1), (2), (3) and (4).

5 Clause (1)

Repeal the clause, substitute:

 (1) This plan for broadcasting services in the Mount Gambier area of South Australia and Victoria is made under subsection 26(1) of the *Broadcasting Services Act 1992*.

6 Clause (2)

Omit “Determination”, substitute “plan” (each occurrence).

7 Clause (3)

Omit “Determination”, substitute “plan” (each occurrence).

8 Clause (3)

Omit “Attachment 2.2 - 2.3”, substitute “Attachment 2.3”.

9 Clause (4)

Omit “Determination”, substitute “plan” (each occurrence).

10 After clause (4)

Insert:

 (5) 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.

11 After clause (5)

Omit “(Determined on 6 December 2001)”.

12 Before Schedule One

Omit:

(a) the heading “SCHEDULES”, and the line of text and the eight dot points after it; and

(b) the heading “Status Column” and the five paragraphs of text after it; and

(c) the heading “Frequency Column”, and the dot point and the paragraph after it.

13 Schedule One

Repeal the schedule, substitute:

Schedule One

Licence Area Plan : Mount Gambier Radio

Licence Area : MT GAMBIER RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| National | 1476 kHz | N/A | TS10011285 | 1.3 | Mount Gambier |
|  | 1161 kHz | N/A | TS4058001 | 1.4 | Naracoorte |
|  | 102.5 MHz | N/A | TS7565001 | 1.5 | Mount Gambier |
|  | 103.3 MHz | N/A | TS7566001 | 1.6 | Mount Gambier |
|  | 104.1 MHz | N/A | TS3023001 | 1.7 | Mount Gambier |
|  | 105.7 MHz | N/A | TS10010696 | 1.8 | Mount Gambier |
| Commercial | 963 kHz | SL4197 | TS4197001 | 1.9 | Mount Gambier |
|  | 90.5 MHz | SL4197 | TS12000915 | 1.9A | Mount Gambier |
|  | 101.7 MHz | SL4197 | TS12000916 | 1.9B | Naracoorte |
| Commercial | 96.1 MHz | SL10312 | TS10004702 | 1.10 | Mount Gambier |
|  | 100.9 MHz | SL10312 | TS10010529 | 1.11 | Naracoorte |
| Community | 104.9 MHz | SL1150784 | TS10010695 | 1.12 | Mount Gambier |
|  | 99.3 MHz | SL1150784 | TS10010698 | 1.13 | Naracoorte |

14 Schedule Two

Repeal the schedule, substitute:

Schedule Two

Licence Area Plan : Mount Gambier Radio

Licence Area : MOUNT GAMBIER RA2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 100.1 MHz | SL3075 | TS10010697 | 2.3 | Mount Gambier |

15 Schedule Three

Repeal the schedule, substitute:

Schedule Three

Licence Area Plan : Mount Gambier Radio

Licence Area : MILLICENT RA1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Service Category | Channel/ Frequency | Service Licence No | Transmitter Specification No | Attach No | Area Served |
| Community | 107.7 MHz | SL5703 | TS5703001 | 3.2 | Millicent |

16 Attachments

Omit all the attachments, and insert the following attachments.

Attachment 1.1

Licence Area – MT GAMBIER RA1

Commercial Radio Service Licence numbers: SL4197 and SL10312

Community Radio Service Licence number: SL1150784

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

| Area Description |
| --- |
| Mount Gambier (C) |
| Wattle Range (DC) |
| Grant (DC) |
| SA CD 4050807 |
| SA CD 4050803 |
| SA CD 4050804 |
| SA CD 4050806 |
| SA CD 4050808 |
| SA CD 4050802 |
| SA CD 4050809 |
| SA CD 4050801 |
| SA CD 4050603 |
| SA CD 4050703 |
| SA CD 4050705 |
| SA CD 4050604 |
| SA CD 4050704 |
| SA CD 4050602 |
| VIC CD 2091201 |
| SA CD 4050706 |
| SA CD 4050805 |
| VIC CD 2091304 |
| VIC CD 2091109 |
| SA CD 4050503 |
| VIC CD 2091110 |
|  |

***Note:***

Standard terminology used by the Australian Bureau of Statistics:

(C) = City

(CD) = Collection District

(DC) = District Council

Attachment 1.3

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Mount Gambier (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - AM Radio**

Specification Number : TS10011285

**Transmitter Site :-**

Nominal Location : Broadcast Australia Site 58 Crouch Street North
 MOUNT GAMBIER

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.824423 140.790216

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

**Emission :-**

Frequency Band & Mode : MF-AM

Carrier Frequency : 1476 kHz

**Output Radiation Pattern :-**

|  |  |  |
| --- | --- | --- |
| **Bearing or Sector (clockwise direction)** | **Elevation** | **Maximum CMF** |
| At all angles of azimuth | 0 | 220 V |

***Special Condition :-***

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

Attachment 1.4

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Naracoorte (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - AM Radio**

Specification Number : TS4058001

**Transmitter Site :-**

Nominal Location : Broadcast Australia Site Donohughes Ln
 off Messamurray Rd STEWART RANGE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -36.940414 140.670397

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

**Emission :-**

Frequency Band & Mode : MF-AM

Carrier Frequency : 1161 kHz

**Output Radiation Pattern :-**

| **Bearing or Sector (clockwise direction)** | **Elevation** | **Maximum CMF** |
| --- | --- | --- |
| 0°T  | 0 | 1.65 kV |
| 10°T  | 0 | 1.365 kV |
| 20°T  | 0 | 1 kV |
| 30°T  | 0 | 595 V |
| 40°T  | 0 | 205 V |
| 50°T  | 0 | 200 V |
| 60°T  | 0 | 470 V |
| 70°T  | 0 | 670 V |
| 80°T  | 0 | 790 V |
| 90°T  | 0 | 825 V |
| 100°T  | 0 | 790 V |
| 110°T  | 0 | 670 V |
| 120°T  | 0 | 470 V |
| 130°T  | 0 | 200 V |
| 140°T  | 0 | 205 V |
| 150°T  | 0 | 595 V |
| 160°T  | 0 | 1 kV |
| 170°T  | 0 | 1.365 kV |
| 180°T  | 0 | 1.65 kV |
| 190°T  | 0 | 1.81 kV |
| 200°T  | 0 | 1.835 kV |
| 210°T  | 0 | 1.745 kV |
| 220°T  | 0 | 1.575 kV |
| 230°T  | 0 | 1.36 kV |
| 240°T  | 0 | 1.15 kV |
| 250°T  | 0 | 980 V |
| 260°T  | 0 | 865 V |
| 270°T  | 0 | 825 V |
| 280°T  | 0 | 865 V |
| 290°T  | 0 | 980 V |
| 300°T  | 0 | 1.15 kV |
| 310°T  | 0 | 1.36 kV |
| 320°T  | 0 | 1.575 kV |
| 330°T  | 0 | 1.745 kV |
| 340°T  | 0 | 1.835 kV |
| 350°T  | 0 | 1.81 kV |

***Special Condition :-***

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

Attachment 1.5

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Mount Gambier (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION – FM Radio**

Specification Number : TS7565001

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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 : 44 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 25°T | 240 kW |
| 25°T - 205°T | 100 kW |
| 205°T - 325°T | 80 kW |
| 325°T - 360°T | 240 kW |

Attachment 1.6

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Mount Gambier (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS7566001

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 103.3 MHz

Polarisation : Mixed

Maximum Antenna Height : 44 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 25°T | 240 kW |
| 25°T - 205°T | 100 kW |
| 205°T - 325°T | 80 kW |
| 325°T - 360°T | 240 kW |

Attachment 1.7

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Mount Gambier (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS3023001

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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 : 44 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 25°T | 240 kW |
| 25°T - 205°T | 100 kW |
| 205°T - 325°T | 80 kW |
| 325°T - 360°T | 240 kW |

Attachment 1.8

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : National

General Area Served : Mount Gambier (SA)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10010696

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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 : 44 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 25°T | 240 kW |
| 25°T - 205°T | 100 kW |
| 205°T - 325°T | 80 kW |
| 325°T - 360°T | 240 kW |

Attachment 1.9

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Commercial

General Area Served : Mount Gambier (SA)

Service Licence Number : SL4197

**TECHNICAL SPECIFICATION - AM Radio**

Specification Number : TS4197001

**Transmitter Site :-**

Nominal Location : Jubilee Hwy West 6km NW of MOUNT GAMBIER

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.795568 140.721937

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

**Emission :-**

Frequency Band & Mode : MF-AM

Carrier Frequency : 963 kHz

**Output Radiation Pattern :-**

| **Bearing or Sector (clockwise direction)** | **Elevation** | **Maximum CMF** |
| --- | --- | --- |
| 0°T  | 0 | 950 V |
| 10°T  | 0 | 840 V |
| 20°T  | 0 | 750 V |
| 30°T  | 0 | 530 V |
| 40°T  | 0 | 380 V |
| 47°T  | 13 | 250 V |
| 50°T  | 0 | 170 V |
| 53°T  | 16 | 200 V |
| 60°T  | 0 | 120 V |
| 70°T  | 0 | 300 V |
| 80°T  | 0 | 470 V |
| 90°T  | 0 | 600 V |
| 100°T  | 0 | 750 V |
| 110°T  | 0 | 840 V |
| 114°T  | 5 | 900 V |
| 120°T  | 0 | 840 V |
| 130°T  | 0 | 950 V |
| 140°T  | 0 | 950 V |
| 150°T  | 0 | 840 V |
| 160°T  | 0 | 840 V |
| 170°T  | 0 | 750 V |
| 180°T  | 0 | 670 V |
| 190°T  | 0 | 530 V |
| 200°T  | 0 | 420 V |
| 210°T  | 0 | 210 V |
| 220°T  | 0 | 84 V |
| 230°T  | 0 | 240 V |
| 240°T  | 0 | 420 V |
| 250°T  | 0 | 600 V |
| 260°T  | 0 | 750 V |
| 270°T  | 0 | 840 V |
| 280°T  | 0 | 950 V |
| 290°T  | 0 | 1.1 kV |
| 300°T  | 0 | 1.1 kV |
| 310°T  | 0 | 1.1 kV |
| 320°T  | 0 | 1.1 kV |
| 329°T  | 27 | 900 V |
| 330°T  | 0 | 1.1 kV |
| 340°T  | 0 | 1.1 kV |
| 350°T  | 0 | 950 V |

Special Condition :-

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

***Availability of TS4197001:-***

TS4197001 ceases to be available for SL4197 28 days after the first day on which the service provided under SL4197 is transmitted by transmitter TS12000915 in accordance with the specifications set out at Attachment 1.9A.

Attachment 1.9A

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Commercial

General Area Served : Mount Gambier (SA)

Service Licence Number : SL4197

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS12000915

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 90.5 MHz

Polarisation : Mixed

Maximum Antenna Height : 110 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 70°T | 20 kW |
| 70°T - 105°T | 10 kW |
| 105°T - 115°T | 5 kW |
| 115°T - 240°T | 20 kW |
| 240°T - 280°T | 5 kW |
| 280°T - 360°T | 20 kW |

Attachment 1.9B

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Commercial

General Area Served : Naracoorte (SA)

Service Licence Number : SL4197

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS12000916

**Transmitter Site :-**

Nominal Location : Council Site off Smith St and Wimmera Hwy
 3km ENE of NARACOORTE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -36.950761 140.769491

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 : 20 m

**Output Radiation Pattern :-**

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

Attachment 1.10

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Commercial

General Area Served : Mount Gambier (SA)

Service Licence Number : SL10312

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10004702

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 96.1 MHz

Polarisation : Mixed

Maximum Antenna Height : 110 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| 0°T - 70°T | 20 kW |
| 70°T - 105°T | 10 kW |
| 105°T - 115°T | 5 kW |
| 115°T - 240°T | 20 kW |
| 240°T - 280°T | 5 kW |
| 280°T - 360°T | 20 kW |

Attachment 1.11

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Commercial

General Area Served : Naracoorte (SA)

Service Licence Number : SL10312

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10010529

**Transmitter Site :-**

Nominal Location : Council Site off Smith St and Wimmera Hwy
 3km ENE of NARACOORTE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -36.950761 140.769491

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 : 20 m

**Output Radiation Pattern :-**

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

Attachment 1.12

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Community

General Area Served : Mount Gambier (SA)

Service Licence Number : SL1150784

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10010695

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 104.9 MHz

Polarisation : Mixed

Maximum Antenna Height : 50 m

**Output Radiation Pattern :-**

|  |  |
| --- | --- |
| **Bearing or Sector (clockwise direction)** | **Maximum ERP** |
| At all angles of azimuth | 20 kW |

Attachment 1.13

**LICENCE AREA PLAN : Mount Gambier Radio**

Category : Community

General Area Served : Naracoorte (SA)

Service Licence Number : SL1150784

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10010698

**Transmitter Site :-**

Nominal Location : Council Site off Smith St and Wimmera Hwy
 3km ENE of NARACOORTE

Nominal Co-ordinates Latitude Longitude
(GDA94) : -36.950761 140.769491

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 : 20 m

**Output Radiation Pattern :-**

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

Attachment 2.1

Licence Area – MOUNT GAMBIER RA2

Community Radio Service Licence number: SL3075

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

| Area Description |
| --- |
| Mount Gambier (C) |
| SA CD 4051305 |
| SA CD 4051310 |
| SA CD 4051311 |
| SA CD 4051312 |
| SA CD 4051304 |
| SA CD 4051308 |
| SA CD 4051307 |
| SA CD 4051309 |
| SA CD 4051302 |
| SA CD 4051306 |
| SA CD 4051303 |
| SA CD 4051301 |
|  |
|  |

***Note:***

Standard terminology used by the Australian Bureau of Statistics:

 (C) = City

 (CD) = Collection District

Attachment 2.3

 LICENCE AREA PLAN : Mount Gambier Radio

Category : Community

General Area Served : Mount Gambier (SA)

Service Licence Number : SL3075

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10010697

**Transmitter Site :-**

Nominal Location : Link Site Hawkins Road MOUNT GAMBIER

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.841306 140.830253

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

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 100.1 MHz

Polarisation : Mixed

Maximum Antenna Height 36 m

**Output Radiation Pattern :-**

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

Attachment 3.1

Licence Area – MILLICENT RA1

Community Radio Service Licence number: SL5703

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

| Area Description |
| --- |
| SA CD 4051105 |
| SA CD 4051202 |
| SA CD 4051101 |
| SA CD 4051203 |
| SA CD 4051204 |
| SA CD 4051208 |
| SA CD 4051210 |
| SA CD 4051209 |
| SA CD 4051102 |
| SA CD 4051201 |
| SA CD 4051004 |
| SA CD 4051103 |
| SA CD 4051207 |
| SA CD 4051003 |
| SA CD 4050907 |
| SA CD 4051206 |
| SA CD 4051106 |
| SA CD 4051104 |
| SA CD 4051205 |
|  |
|  |

***Note:***

Standard terminology used by the Australian Bureau of Statistics:

 (CD) = Collection District

Attachment 3.2

 **LICENCE AREA PLAN : Mount Gambier Radio**

Category : Community

General Area Served : Millicent (SA)

Service Licence Number : SL5703

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS5703001

**Transmitter Site :-**

Nominal Location : Broadcast site 11 km E of Millicent MT BURR

Nominal Co-ordinates Latitude Longitude
(GDA94) : -37.602350 140.482492

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 : 35 m

**Output Radiation Pattern :-**

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