Variation to Licence Area Plan – Remote Central and Eastern Australia Radio – 2017 (No. 1)

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

Dated: 18 December 2017

Nerida O’Loughlin
[signed]
Member

Brendan Byrne
[signed]
Member/General Manager

Australian Communications and Media Authority

Authorised Version F2018L00025 registered 05/01/2018
1. Name

This is the Variation to Licence Area Plan – Remote Central and Eastern Australia Radio – 2017 (No. 1).

2. Commencement

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


3. Authority

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

4. Variation

The Licence Area Plan – Remote Central and Eastern Australia Radio (F2005B01472), is varied as follows:

(a) omit numbered paragraphs (2) – (5) and substitute:

“(2) One commercial radio broadcasting service is to be available in the remote area described at Attachment 1.1 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 1.1 are set out in Schedule One and Attachments 1.2 – 1.41 to this plan.

(3) Two commercial radio broadcasting services are to be available in the remote 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 Attachments 2.2 – 2.93 to this plan.

(4) One hundred and twelve national radio broadcasting services and thirteen open narrowcasting radio services are to be available in the remote areas described at Attachment 1.1 and Attachment 2.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the national radio broadcasting and open narrowcasting radio services that are to be available in the areas described at Attachment 1.1 and Attachment 2.1 are set out in Schedule Three and Attachments 3.2 – 3.126 to this plan.

(5) One community radio broadcasting service is to be made available in the remote area described at Attachment 4.1 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 4.1 are set out in Schedule Four and Attachments 4.2 – 4.20 to this plan.”

(b) omit numbered paragraph (57) and substitute:
“(57) In this plan, unless the contrary intention, appears:

(a) a reference to a schedule or an attachment includes reference to that schedule or attachment as amended from time to time; and

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

(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.”

(c) omit Schedules One, Two, Three, Four and Forty-Seven and substitute Schedules One, Two, Three, Four and Forty-Seven to this instrument;

(d) omit Attachments 1.4 to 1.38, 2.8 to 2.83, 3.2 to 3.120, 4.6 to 4.17, 5.1, 47.1 and 47.2 and insert Attachments 1.4 to 1.41, 2.8 to 2.93, 3.2 to 3.126, 4.6 to 4.20, 5.1 to 45.1, 47.1, 47.2, 48.1 to 56.1.
Schedule One

Licence Area Plan : Remote Central and Eastern Australia Radio

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<th>Service Category</th>
<th>Channel/ Frequency</th>
<th>Service Licence No</th>
<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
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## Schedule Two

**Licence Area Plan**: Remote Central and Eastern Australia Radio

**Licence Area**: REMOTE COMMERCIAL RADIO SERVICE NORTH EAST ZONE RA1

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<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
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Authorised Version F2018L00025 registered 05/01/2018
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### Schedule Three

**Licence Area Plan : Remote Central and Eastern Australia Radio**

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Authorised Version F2018L00025 registered 05/01/2018
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</tr>
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<td>National</td>
<td>684 kHz</td>
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<td>Tennant Creek</td>
</tr>
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<td>National</td>
<td>88.9 MHz</td>
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<td>TS10005948</td>
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</tr>
<tr>
<td>National</td>
<td>90.5 MHz</td>
<td>N/A</td>
<td>TS10005947</td>
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<td>National</td>
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<td>National</td>
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<td>National</td>
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Authorised Version F2018L00025 registered 05/01/2018
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<tr>
<th>Service Category</th>
<th>Channel/ Frequency</th>
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<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
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<tbody>
<tr>
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<tr>
<td>National</td>
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<td>TS10002909</td>
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<td>National</td>
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<td>3.114</td>
<td>Alpha</td>
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<td>TS10004038</td>
<td>3.126</td>
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### Schedule Four

**Licence Area Plan: Remote Central and Eastern Australia Radio**

**Licence Area: CENTRAL ZONE RA2**

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<th>Service Category</th>
<th>Channel/Frequency</th>
<th>Service Licence No</th>
<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
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<tbody>
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<td>Community</td>
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<td>TS10002364</td>
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<td>TS10003467</td>
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<td>Lajamanu</td>
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Schedule Forty-Seven

Licence Area Plan: Remote Central and Eastern Australia Radio

License Area: WUJAL WUJAL RA1

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<tr>
<th>Service Category</th>
<th>Channel/Frequency</th>
<th>Service Licence No</th>
<th>Transmitter Specification No</th>
<th>Attach No</th>
<th>Area Served</th>
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<td>SL10207</td>
<td>TS1096001</td>
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<td>Wujal Wujal</td>
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LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Beulah (VIC)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137750

Transmitter Site:
Nominal location: Lot 119 Brim West Rd BRIM WEST
Australian Map Grid: Zone Easting Northing
Reference: 54 616765 6006353
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.1 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 45°T</td>
<td>6 kW</td>
</tr>
<tr>
<td>45°T - 135°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>135°T - 225°T</td>
<td>1.5 kW</td>
</tr>
<tr>
<td>225°T - 315°T</td>
<td>3 kW</td>
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<tr>
<td>315°T - 360°T</td>
<td>6 kW</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 60 dBUV/m against interference from other broadcasting services.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Birchip (VIC)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137523

Transmitter Site :-
Nominal location : FlowFM Site Inkerman Street
WATCHEM

Australian Map Grid : Zone Easting Northing
Reference 54 667535 5997591

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

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 106.5 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 60°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>60°T - 100°T</td>
<td>3.2 kW</td>
</tr>
<tr>
<td>100°T - 230°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>230°T - 255°T</td>
<td>2.5 kW</td>
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<tr>
<td>255°T - 360°T</td>
<td>5 kW</td>
</tr>
</tbody>
</table>

Advisory Notes :-
Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Bourke (NSW)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014566

Transmitter Site:
Nominal location: Telstra Site Mount Oxley BOURKE
Australian Map Grid:
Reference: 55 426676 6658745
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: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
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</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Bunnaloo (NSW)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1136741

Transmitter Site:
Nominal location: Flow FM Site Lot 104 Tantonan Rd TANTONAN
Australian Map Grid: Zone Easting Northing
Reference 55 292606 6040561
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: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
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</tbody>
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LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Ceduna/Smoky Bay (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014411

Transmitter Site :-
Nominal location: Broadcast Site Lot 198 Schwarz Hill Road CEDUNA
Australian Map Grid: Zone Easting Northing
Reference 53 382536 6441796
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: 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
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</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio

**Category:** Commercial

**General Area Served:** Coober Pedy (SA)

**Service Licence Number:** SL10147

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number:** TS1130716

**Transmitter Site :-**

Nominal location: Imparja Site Traeger Street COOBER PEDY

**Australian Map Grid:** Zone Easting Northing

Reference 53 476434 6790648

**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:** 15 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Coonalpyn (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10012415

Transmitter Site:
Nominal location: Coorong Council Tower Binnie Lookout
Coonalpyn Road MENINGIE

Australian Map Grid:
Reference: Zone Easting Northing
54 377800 6051200

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.7 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 260°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>260°T - 350°T</td>
<td>500 W</td>
</tr>
<tr>
<td>350°T - 360°T</td>
<td>3 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Groote Eylandt (NT)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003568

Transmitter Site:
Nominal location: BA Site Cypress Rd Alyangula GROOTE EYLANDT

Australian Map Grid:
Zone 53
Easting 653929
Northing 8468215

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: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Hallett (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014453

Transmitter Site:
Nominal location: CBRS Repeater Site 29 km N of Burra MT BRYAN

Australian Map Grid:
Zone Easting Northing
54 311481 6299553

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: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 140°T</td>
<td>500 W</td>
</tr>
<tr>
<td>140°T - 160°T</td>
<td>250 W</td>
</tr>
<tr>
<td>160°T - 180°T</td>
<td>168 W</td>
</tr>
<tr>
<td>180°T - 200°T</td>
<td>100 W</td>
</tr>
<tr>
<td>200°T - 220°T</td>
<td>168 W</td>
</tr>
<tr>
<td>220°T - 240°T</td>
<td>250 W</td>
</tr>
<tr>
<td>240°T - 360°T</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Hawker (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1132869

Transmitter Site :-
Nominal location: Mt Plantagenet WAUKARINGA
Australian Map Grid: Zone Easting Northing
Reference: 54 280620 6469923
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 88.7 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Jabiru (NT)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013958

Transmitter Site: Gregory Place JABIRU
Australian Map Grid: Zone Easting Northing
Reference 53 264700 8598300
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.5 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Kapunda (SA)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137178

Transmitter Site :-
Nominal location : Power Comm Site Mt Rufus DUTTON
Australian Map Grid : Zone Easting Northing
Reference 54 327550 6201100
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 99.5 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 130°T</td>
<td>4 kW</td>
</tr>
<tr>
<td>130°T - 260°T</td>
<td>500 W</td>
</tr>
<tr>
<td>260°T - 360°T</td>
<td>4 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Karoonda (SA)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10012333

Transmitter Site :
Nominal location : Telstra Site Hermann Road PERPONDA
Australian Map Grid : Zone Easting Northing
Reference 54 393800 6129100
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 95.3 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 200°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>200°T - 350°T</td>
<td>500 W</td>
</tr>
<tr>
<td>350°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Keith (SA)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133555

Transmitter Site :-
Nominal location : Flow FM Site Keith Golf Course Emu Flat Rd KEITH
Australian Map Grid : Zone Easting Northing
Reference 54 445634 6006278
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 99.1 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-

Any transmission in accordance with this technical specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Kingscote (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

 Specification Number: TS10013946

Transmitter Site :-
Nominal location: CFS Site Old Bullock Track KINGSCOTE
Australian Map Grid: Zone Easting Northing
Reference: 53 737528 6051899
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 95.5 MHz
Polarisation: Mixed
Maximum antenna height: 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 15°T</td>
<td>1.5 kW</td>
</tr>
<tr>
<td>15°T - 245°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>245°T - 360°T</td>
<td>1.5 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio
Category: Commercial
General Area Served: Kingston SE (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio
Specification Number: TS10014331

Transmitter Site:-
Nominal location: Broadcasting Site Ling Murraup Tank Pump Hill COOMBARGANA
Australian Map Grid: Zone Easting Northing Reference 54 395358 5898664
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: 50 m

Output Radiation Pattern:-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 210°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>210°T - 330°T</td>
<td>500 W</td>
</tr>
<tr>
<td>330°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN:  Remote Central and Eastern Australia Radio
Category:  Commercial
General Area Served:  Lake Cargelligo (NSW)
Service Licence Number:  SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number:  TS1132542

Transmitter Site:
Nominal location:  Dept of Water Resources Site Mt Bowen LAKE CARGELLIGO
Australian Map Grid:  Zone  Easting  Northing
Reference  55  426950  6307710
Site Tolerance:  Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode:  VHF-FM
Carrier Frequency:  101.5 MHz
Polarisation:  Mixed
Maximum antenna height:  30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 90°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>90°T - 270°T</td>
<td>500 W</td>
</tr>
<tr>
<td>270°T - 360°T</td>
<td>5 kW</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio  
**Category:** Commercial  
**General Area Served:** Leigh Creek South (SA)  
**Service Licence Number:** SL10147  

**TECHNICAL SPECIFICATION - FM Radio**  
**Specification Number:** TS1136765  
**Transmitter Site :-**  
Nominal location: Nominal Planning Site Copley Caravan Park Balcanoona Rd COPLEY  
**Australian Map Grid:** Zone Easting Northing  
Reference: 54 252715 6616410  
**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:** 60 m  

**Output Radiation Pattern :-**  
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Lord Howe Island (NSW)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10004438

Transmitter Site:
Nominal location: Jetty Building Lagoon Road LORD HOWE ISLAND

Australian Map Grid: Zone Easting Northing
Reference: 57 505432 6512239

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.5 MHz
Polarisation: Mixed
Maximum antenna height: 9 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Maitland (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10012343

Transmitter Site:
Nominal location: Tank Site 5.5 km east MAITLAND
Australian Map Grid: Zone Easting Northing
Reference 53 751041 6193978

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 90.9 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 30°T</td>
<td>500 W</td>
</tr>
<tr>
<td>30°T - 50°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>50°T - 80°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>80°T - 260°T</td>
<td>4 kW</td>
</tr>
<tr>
<td>260°T - 290°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>290°T - 320°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>320°T - 360°T</td>
<td>500 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Marysville (VIC)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10008361

Transmitter Site:
Nominal location: Kerami Gardens Resort 22 Marysville-Woods Point Rd MARYSVILLE
Australian Map Grid: Zone Easting Northing
Reference: 55 389779 5847376
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 89.3 MHz
Polarisation: Mixed
Maximum antenna height: 15 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 360°T</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Meringur (VIC)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1136740

Transmitter Site:
Nominal location: Flow FM Site Yarrara South Rd YARRARA
Australian Map Grid: Zone Easting Northing
Reference 54 539061 6191241
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 96.9 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>5 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Minlaton (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014369

Transmitter Site:-
Nominal location: SA Water Site Lot 5 Minlaton-Stansbury Rd RAMSAY

Australian Map Grid: Zone Easting Northing
Reference 53 744479 6146330

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

Emission:-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.9 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 30°T</td>
<td>1.6 kW</td>
</tr>
<tr>
<td>30°T - 60°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>60°T - 100°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>100°T - 260°T</td>
<td>10 kW</td>
</tr>
<tr>
<td>260°T - 300°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>300°T - 330°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>330°T - 360°T</td>
<td>1.6 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Minnpia (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133156

Transmitter Site: Telstra Site Lot 12 Talia Road MT DAMPER

Australian Map Grid: Zone Easting Northing
Reference: 53 510400 6332750

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

Emission:

Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.9 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Mount Buller (VIC)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1136654

Transmitter Site:
Nominal location: Snow Making Factory Summit Rd MT BULLER
Australian Map Grid: Zone Easting Northing
Reference 55 449860 5888420
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: 15 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Mt St Leonard (VIC)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005934

**Transmitter Site :-**
Nominal location : Telstra Site MT ST LEONARD
Australian Map Grid : Zone Easting Northing
Reference 55 369675 5840960
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

**Emission :-**
Frequency Band & Mode : VHF-FM
Carrier Frequency : 106.3 MHz
Polarisation : Mixed
Maximum antenna height : 40 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 170°T</td>
<td>24 W</td>
</tr>
<tr>
<td>170°T - 350°T</td>
<td>2 W</td>
</tr>
<tr>
<td>350°T - 360°T</td>
<td>24 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Nhulunbuy (NT)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003570

Transmitter Site: Broadcast Hut Mt Saunders NHULUNBUY

Australian Map Grid: Zone 53 Easting 693198 Northing 8652590

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: 45 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN:  Remote Central and Eastern Australia Radio

Category:  Commercial
General Area Served:  Padthaway East (SA)
Service Licence Number:  SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number:  TS10012323

Transmitter Site :-
Nominal location:  Broadcast Site  Collins Hill Bordertown Rd
PADTHAWAY EAST

Australian Map Grid:  Zone  Easting  Northing
Reference  54  462651  5951099
Site Tolerance:  Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode:  VHF-FM
Carrier Frequency:  100.3 MHz
Polarisation:  Mixed
Maximum antenna height:  25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 140°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>140°T - 200°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>200°T - 360°T</td>
<td>5 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Penong (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1131147

Transmitter Site -
Nominal location: Broadcast Site via Eyre Highway, 8 km west of PENONG

Australian Map Grid: Zone Easting Northing
Reference: 53 303142 6465775

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

Emission -
Frequency Band & Mode: VHF-FM
Carrier Frequency: 101.5 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern -

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Pinnaroo (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013945

Transmitter Site:-
Nominal location: Broadcast Site Thomas Tank Hill PINNAROO
Australian Map Grid:
Reference: Zone Easting Northing
54 495401 608609
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: 30 m

Output Radiation Pattern:-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 120°T</td>
<td>4 kW</td>
</tr>
<tr>
<td>120°T - 210°T</td>
<td>1.5 kW</td>
</tr>
<tr>
<td>210°T - 360°T</td>
<td>4 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Powelltown (VIC)
Service Licence Number : SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137093

Transmitter Site :-
Nominal location : Broadcast Site Mount Bride Rd POWELLTOWN
Australian Map Grid : Zone Easting Northing
Reference 55 388133 5813227
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 89.5 MHz
Polarisation : Mixed
Maximum antenna height : 15 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 90°T</td>
<td>50 W</td>
</tr>
<tr>
<td>90°T - 180°T</td>
<td>100 W</td>
</tr>
<tr>
<td>180°T - 270°T</td>
<td>50 W</td>
</tr>
<tr>
<td>270°T - 360°T</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Roxby Downs (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014413

Transmitter Site:
Nominal location: Telstra Site Lot 728 Olympic Way ROXBURY
DOWNNS

Australian Map Grid:
Zone Easting Northing
Reference 53 681610 6618960

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.9 MHz
Polarisation: Mixed
Maximum antenna height: 41 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 120°T</td>
<td>1.3 kW</td>
</tr>
<tr>
<td>120°T - 150°T</td>
<td>650 W</td>
</tr>
<tr>
<td>150°T - 210°T</td>
<td>375 W</td>
</tr>
<tr>
<td>210°T - 240°T</td>
<td>650 W</td>
</tr>
<tr>
<td>240°T - 360°T</td>
<td>1.3 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Speed (VIC)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1136739

Transmitter Site:
Nominal location: Flow FM Site cnr Graces Road and Desert Road TURRIFF
Australian Map Grid: Zone Easting Northing
Reference: 54 623935 6073118
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 95.3 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>5 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Streaky Bay (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014410

Transmitter Site:
Nominal location: Council Site Medlingie Hill MARYVALE
Australian Map Grid: Zone Easting Northing
Reference 53 451557 6369094
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: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>4 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Tennant Creek (NT)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003571

**Transmitter Site:**
Nominal location: Imparja Broadcast Site via Peko Road TENNANT CREEK
Australian Map Grid: Zone Easting Northing
Reference: 53 418249 7828682
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

**Emission:**
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.5 MHz
Polarisation: Mixed
Maximum antenna height: 55 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN** : Remote Central and Eastern Australia Radio

- **Category** : Commercial
- **General Area Served** : Urana (NSW)
- **Service Licence Number** : SL10147

**TECHNICAL SPECIFICATION - FM Radio**

- **Specification Number** : TS1136742

**Transmitter Site :-**

- **Nominal location** : Council Site Lot 96 Cullivel Rd URANA
- **Australian Map Grid** : Zone 55  Easting 443680  Northing 6096833
- **Site Tolerance** : Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

**Emission :-**

- **Frequency Band & Mode** : VHF-FM
- **Carrier Frequency** : 88.7 MHz
- **Polarisation** : Mixed
- **Maximum antenna height** : 40 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 30°T</td>
<td>3.5 kW</td>
</tr>
<tr>
<td>30°T - 90°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>90°T - 210°T</td>
<td>3.5 kW</td>
</tr>
<tr>
<td>210°T - 270°T</td>
<td>2.5 kW</td>
</tr>
<tr>
<td>270°T - 360°T</td>
<td>3.5 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Wilmington (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1135013

Transmitter Site:
Nominal location: Police Tower Stoke Hill MOOCKRA
Australian Map Grid:
Reference
Zone Easting Northing
54 257107 6412309
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: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 270°T</td>
<td>250 W</td>
</tr>
<tr>
<td>270°T - 290°T</td>
<td>25 W</td>
</tr>
<tr>
<td>290°T - 360°T</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Woomera (SA)
Service Licence Number: SL10147

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1130762

Transmitter Site: 5RRR Studio Site WOOMERA
Nominal location: 5RRR Studio Site WOOMERA
Australian Map Grid: Zone Easting Northing
Reference: 53 673752 6546935
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Bocoble (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137129

Transmitter Site :-
Nominal location: Communal Site Mt Bocoble BOCOBLE
Australian Map Grid: Zone Easting Northing
Reference 55 757443 6366615
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode VHF-FM
Carryer Frequency: 88.9 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 30°T</td>
<td>10 W</td>
</tr>
<tr>
<td>30°T - 50°T</td>
<td>15 W</td>
</tr>
<tr>
<td>50°T - 70°T</td>
<td>35 W</td>
</tr>
<tr>
<td>70°T - 90°T</td>
<td>50 W</td>
</tr>
<tr>
<td>90°T - 110°T</td>
<td>65 W</td>
</tr>
<tr>
<td>110°T - 130°T</td>
<td>80 W</td>
</tr>
<tr>
<td>130°T - 240°T</td>
<td>100 W</td>
</tr>
<tr>
<td>240°T - 260°T</td>
<td>80 W</td>
</tr>
<tr>
<td>260°T - 280°T</td>
<td>65 W</td>
</tr>
<tr>
<td>280°T - 300°T</td>
<td>50 W</td>
</tr>
<tr>
<td>300°T - 320°T</td>
<td>35 W</td>
</tr>
<tr>
<td>320°T - 340°T</td>
<td>15 W</td>
</tr>
<tr>
<td>340°T - 360°T</td>
<td>10 W</td>
</tr>
</tbody>
</table>

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 60 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Bourke (NSW)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133293

Transmitter Site :-
Nominal location : Comms Mast Rural Fire Service Site
Mount Oxley BOURKE
Australian Map Grid : Zone Easting Northing
Reference 55 426710 6658800
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 : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Burrum Heads (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003257

Transmitter Site :-
Nominal location: Broadcast Site BURRUM HEADS
Australian Map Grid: Zone Easting Northing
Reference: 56 460997 7214003
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: 15 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>75 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio
Category : Commercial
General Area Served : Canungra (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10010408

Transmitter Site :-
Nominal location : Optus Site Laheys Lookout MOUNT TAMBORINE
Australian Map Grid : Zone Easting Northing
Reference 56 517834 6902899
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 93.7 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
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 dBUV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Childers (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137888

Transmitter Site:
Nominal Location: Queensland Comms Site Mt Gooraneman
WOOWOONGA

Australian Map Grid:
Zone Easting Northing Reference
56 411205 7187750

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.7 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Special Condition:
This technical specification will have no effect if the service is transmitted from a site 20 metres or more from the nominal location specified above.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Childers (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013051

Transmitter Site:
Nominal location: Rebel Media Site Mt Goonaneman WOOWOONGA
Australian Map Grid: Zone Easting Northing
Reference 56 411107 7187216
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.7 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>700 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Chinchilla (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002765

Transmitter Site:
Nominal location: Water Tower cnr Middle & Colamba Sts CHINCHILLA

Australian Map Grid:
Reference Zone 56
Easting 263743
Northing 7039729

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.1 MHz
Polarisation: Mixed
Maximum antenna height: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>175 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
Attachment 2.15

LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Collinsville (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003654

Transmitter Site: Bowen Council Site Mt Devlin SPRINGLANDS
Nominal location: Bowen Council Site Mt Devlin SPRINGLANDS
Australian Map Grid: Zone Easting Northing
Reference: 55 586747 7730404
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: 26 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Comboyne (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003157

Transmitter Site:
Nominal location: Nominal Planning Site COMBOYNE
Australian Map Grid: Zone 56 Easting 449409 Northing 6503764
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 89.5 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 130°T</td>
<td>500 W</td>
</tr>
<tr>
<td>130°T - 240°T</td>
<td>20 W</td>
</tr>
<tr>
<td>240°T - 360°T</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Cooktown (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133237

Transmitter Site:
Nominal location: Ergon Energy Site Mt Tully COOKTOWN
Australian Map Grid: Zone Easting Northing
Reference: 55 306338 8287257
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 93.7 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Coolah (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137254

Transmitter Site:
Nominal location: Prime TV Site Adj Queensborough Trig off Kerrawah Road COOLAH

Australian Map Grid:
Zone Easting Northing
Reference 55 758088 6480962

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.3 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Coonamble (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137034

Transmitter Site:
Nominal location: Water Tank NE Cnr Wingadee St and Carrinda Rd COONAMBLE
Australian Map Grid: Zone Easting Northing
Reference: 55 631857 6575785
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.3 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Dirranbandi (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013751

Transmitter Site:
Nominal location: Water Tower cnr of Moore and Richardson Streets DIRRANBANDI
Australian Map Grid: Zone Easting Northing
Reference: 55 619684 6837219
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.1 MHz
Polarisation: Mixed
Maximum antenna height: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Eagle Heights (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS6560001

Transmitter Site:
Nominal location: Telstra Radio Terminal Eagle Heights MOUNT TAMBORINE
Australian Map Grid: Zone Easting Northing
Reference 56 519570 6910794
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 91.3 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Eurong (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133090

Transmitter Site:
Nominal location: Eurong Ranger Station Eurong FRASER ISLAND
Australian Map Grid: Zone Easting Northing
Reference 56 512838 7178931
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.3 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Goondiwindi (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133265

Transmitter Site :-
Nominal location: Council Depot Boundary Road GOONDIWINDI
Australian Map Grid: Zone Easting Northing
Reference 56 236153 6841640
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 96.3 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Great Lakes (NSW)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013609

Transmitter Site :-
Nominal location : FM Site Cabbage Tree Mountain UPPER MYALL
Australian Map Grid : Zone Easting Northing
Reference 56 417050 6430505
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 : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 20°T</td>
<td>640 W</td>
</tr>
<tr>
<td>20°T - 40°T</td>
<td>490 W</td>
</tr>
<tr>
<td>40°T - 60°T</td>
<td>360 W</td>
</tr>
<tr>
<td>60°T - 120°T</td>
<td>250 W</td>
</tr>
<tr>
<td>120°T - 140°T</td>
<td>360 W</td>
</tr>
<tr>
<td>140°T - 160°T</td>
<td>490 W</td>
</tr>
<tr>
<td>160°T - 180°T</td>
<td>690 W</td>
</tr>
<tr>
<td>180°T - 360°T</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Gununa (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133267

Transmitter Site:
Nominal location: Council Site Lot 2 Lardil St WELLESLEY ISLANDS
Australian Map Grid Reference: Zone 54, Easting 304806, Northing 8156702
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: 15 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Hope Vale (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1130639

Transmitter Site :-
Nominal location: BRACS Site Poland Street HOPE VALE
Australian Map Grid: Zone Easting Northing
Reference 55 296816 8308018
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: 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>30 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Inglewood (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013046

Transmitter Site: Shire Council Site via Inglewood-Texas Rd BRACKER FOREST

Australian Map Grid: Zone Easting Northing
Reference: 56 313250 6841850

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.3 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Julia Creek (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133281

**Transmitter Site:**
Nominal location: Water Tower Burke Street JULIA CREEK
Australian Map Grid: Zone 54 Easting 577018 Northing 7715432
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

**Emission:**
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.5 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Karumba (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133282

Transmitter Site:
Nominal location: Council Site Water Tower KARUMBA
Australian Map Grid: Zone Easting Northing
Reference: 54 482725 8065195
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.1 MHz
Polarisation: Mixed
Maximum antenna height: 35 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Kendall (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137763

Transmitter Site:
Nominal location: NBN Co Site 89 Lorne Road KENDALL
Australian Map Grid: Zone Easting Northing
Reference: 56 470704 6500511
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 105.3 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Kilcoy (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1135210

Transmitter Site :-
Nominal location : Telstra Site Trig Point 600 North West Point via KILCOY

Australian Map Grid : Zone Easting Northing
Reference 56 454760 7030000

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 : 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-

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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Kooralbyn (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133298

Transmitter Site :-
Nominal location: Nominal Planning Site Resort Area KOORALBYN
Australian Map Grid: Zone Easting Northing
   Reference: 56 482600 6892300
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: 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Kowanyama (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1130645

Transmitter Site :-
Nominal location: Council Site Lot 41 Chapman Road
KOWANYAMA

Australian Map Grid:
Reference: Zone 54 Easting 580041 Northing 8288750
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: 10 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>30 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Meandarra (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133294

Transmitter Site: Council Library Sara St MEANDARRA

Australian Map Grid: Zone 55 Easting 785127 Northing 6974357

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.5 MHz
Polarisation: Mixed
Maximum antenna height: 15 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Miles (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002732

Transmitter Site: Council Site Miles Hill via Warrego Hwy MILES

Australian Map Grid:
Reference: Zone 56 Easting 228183 Northing 7049172
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 94.5 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Monto (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002724

Transmitter Site:
Nominal location: Council Site Lovedays Hill BANCROFT
Australian Map Grid: Zone Easting Northing
Reference: 56 315941 7252770
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 105.1 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 135°T</td>
<td>450 W</td>
</tr>
<tr>
<td>135°T - 315°T</td>
<td>900 W</td>
</tr>
<tr>
<td>315°T - 360°T</td>
<td>450 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Mount Tamborine (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10010402

Transmitter Site:
Nominal location: Rebel Media Site Golf Course Rd MOUNT TAMBORINE

Australian Map Grid:
Reference: Zone Easting Northing
56 520895 6905930

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.4 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 35°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>35°T - 135°T</td>
<td>30 W</td>
</tr>
<tr>
<td>135°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Normanton (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003668

Transmitter Site:
Nominal location: BA Site Hospital Road NORMANTON
Australian Map Grid: Zone Easting Northing
Reference: 54 508979 8045107
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Nyngan (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003702

Transmitter Site:
Nominal location: Broadcast tower Lot 95 Tullamore-Nyngan Road NYNGAN
Australian Map Grid:
Reference Zone Easting Northing
55 517035 6505124
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 96.7 MHz
Polarisation: Mixed
Maximum antenna height: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Pormpuraaw (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1130398

Transmitter Site :-
Nominal location : Broadcast Site Community Hall Edward River PORMPURAAW
Australian Map Grid : Zone Easting Northing
Reference 54 566500 8352500
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 : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Richmond (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133296

Transmitter Site: Council Site Concrete Water Tower Goldring St RICHMOND

Australian Map Grid: Zone Easting Northing
Reference: 54 723335 7705553
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: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Stanthorpe (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008599

Transmitter Site :
Nominal location : Broadcast Site Mt Marlay STANTHORPE
Australian Map Grid : Zone Easting Northing
Reference 56 396991 6829751
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 97.1 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Tara (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1134447

Transmitter Site:
Nominal location: Nominal Planning Site via Surat Developmental Rd 7km W of WERANGA

Australian Map Grid:
Reference: Zone 56 Easting 269040 Northing 6974770

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.3 MHz
Polarisation: Mixed
Maximum antenna height: 35 m

Output Radiation Pattern:
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
</tr>
</tbody>
</table>

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Attachment 2.44

LICENCE AREA PLAN : Remote Central and Eastern Australia Radio
Category : Commercial
General Area Served : Taroom (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10002694

Transmitter Site :-
Nominal location : Council Site Water Tower Cranmer St TAROOM
Australian Map Grid : Zone Easting Northing
Reference 55 781414 7160484
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 102.1 MHz
Polarisation : Mixed
Maximum antenna height : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN** : Remote Central and Eastern Australia Radio

<table>
<thead>
<tr>
<th>Category</th>
<th>Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Area Served</td>
<td>Tenterfield (NSW)</td>
</tr>
<tr>
<td>Service Licence Number</td>
<td>SL10216</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATION** - FM Radio

<table>
<thead>
<tr>
<th>Specification Number</th>
<th>TS1133268</th>
</tr>
</thead>
</table>

**Transmitter Site** :-

<table>
<thead>
<tr>
<th>Nominal location</th>
<th>New Council Site Mount Mackenzie TENTERFIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Map Grid</td>
<td>Zone 399807 6781803</td>
</tr>
<tr>
<td>Reference</td>
<td>56</td>
</tr>
<tr>
<td>Site Tolerance</td>
<td>Refer to <em>Broadcasting Services (Technical Planning) Guidelines 2017</em></td>
</tr>
</tbody>
</table>

**Emission :-**

<table>
<thead>
<tr>
<th>Frequency Band &amp; Mode</th>
<th>VHF-FM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Frequency</td>
<td>93.7 MHz</td>
</tr>
<tr>
<td>Polariation</td>
<td>Mixed</td>
</tr>
<tr>
<td>Maximum antenna height</td>
<td>50 m</td>
</tr>
</tbody>
</table>

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>4 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Texas (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133300

Transmitter Site:
Nominal location: BA Site via Stanthorpe–Texas Rd TEXAS
Australian Map Grid:
Reference: Zone 56 Easting 324747 Northing 6807931
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 94.5 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes:

This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial

General Area Served: Theodore (QLD)

Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014344

Transmitter Site :
Nominal location: Nominal Planning Site via Leichhardt Highway THEODORE

Australian Map Grid: Zone Easting Northing
Reference 56 203370 7237697

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: 15 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio
Category : Commercial
General Area Served : Thursday Island (QLD)
Service Licence Number : SL10216

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS1137036

Transmitter Site :-
Nominal location : Telstra Radio Terminal Millman Hill
THURSDAY ISLAND

Australian Map Grid : Zone  Easting  Northing
Reference  54  634097  8830160

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

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 98.9 MHz
Polarisation : Mixed

Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Wandoan (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014379

Transmitter Site:
Nominal location: Water Tower Jerrard St WANDOAN
Australian Map Grid: Zone Easting Northing
Reference 55 795819 7107210
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.5 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Warrumbungle (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137226

Transmitter Site:
Nominal location:
Australian Map Grid:
Reference:
Site Tolerance:

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 88.5 MHz
Polarisation: Mixed
Maximum antenna height: 35 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 60°T</td>
<td>2.5 kW</td>
</tr>
<tr>
<td>60°T - 85°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>85°T - 130°T</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>130°T - 180°T</td>
<td>1.25 kW</td>
</tr>
<tr>
<td>180°T - 225°T</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>225°T - 250°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>250°T - 360°T</td>
<td>2.5 kW</td>
</tr>
</tbody>
</table>

Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Weipa (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003674

Transmitter Site:
Nominal location: Water Tower Land Street ROCKY POINT
Australian Map Grid: Zone Easting Northing
Reference: 54 595465 8603480
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: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Wilcannia (NSW)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003704

Transmitter Site: Council Water Tower 18 Barkindji Drive WILCANNIA

Australian Map Grid:

<table>
<thead>
<tr>
<th>Zone</th>
<th>Easting</th>
<th>Northing</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>725865</td>
<td>6506520</td>
</tr>
</tbody>
</table>

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

Emission:

Frequency Band & Mode: VHF-FM
Carrier Frequency: 104.7 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Yelarbon (QLD)
Service Licence Number: SL10216

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133270

Transmitter Site:
Nominal location: Water Treatment Plant Lot 7 Yelarbon-Keetah Road YELARBON

Australian Map Grid: Zone Easting Northing
Reference: 56 278198 6830496
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 95.5 MHz
Polarisation: Mixed
Maximum antenna height: 15 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Alpha (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133254

Transmitter Site:
Nominal location: Broadcast Site Water Tower Dryden St ALPHA
Australian Map Grid: Zone Easting Northing
Reference: 55 462230 7384183
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.1 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Banana (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003970

Transmitter Site: Rebel Media Site BANANA RANGE

Australian Map Grid: Zone 56, Easting 227810, Northing 7293293

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: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Barrington/Stratford (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013960

Transmitter Site:
Nominal location: Rebel Media Site Kiaora Lookout
GLOUCESTER
Australian Map Grid: Zone Easting Northing
Reference 56 400343 6463052
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.7 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN**: Remote Central and Eastern Australia Radio

**Category**: Commercial  
**General Area Served**: Beaudesert (QLD)  
**Service Licence Number**: SL1150711

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number**: TS10013049

**Transmitter Site** :-  
**Nominal location**: Broadcast/Comms Site off Veresdale Scrub Sch Rd MT DUNSINANE

**Australian Map Grid** :  
**Zone**  
**Easting**  
**Northing**  
**Reference**  
56  
503874  
6910755

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

**Emission** :-  
**Frequency Band & Mode**: VHF-FM  
**Carrier Frequency**: 92.1 MHz  
**Polarisation**: Mixed  
**Maximum antenna height**: 30 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Bocoble (NSW)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137219
Transmitter Site :-
Nominal location : Communal Site Mt Bocoble BOCOBLE
Australian Map Grid : Zone Easting Northing
Reference : 55 757443 6366615
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 93.7 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 30°T</td>
<td>10 W</td>
</tr>
<tr>
<td>30°T - 50°T</td>
<td>15 W</td>
</tr>
<tr>
<td>50°T - 70°T</td>
<td>35 W</td>
</tr>
<tr>
<td>70°T - 90°T</td>
<td>50 W</td>
</tr>
<tr>
<td>90°T - 110°T</td>
<td>65 W</td>
</tr>
<tr>
<td>110°T - 130°T</td>
<td>80 W</td>
</tr>
<tr>
<td>130°T - 240°T</td>
<td>100 W</td>
</tr>
<tr>
<td>240°T - 260°T</td>
<td>80 W</td>
</tr>
<tr>
<td>260°T - 280°T</td>
<td>65 W</td>
</tr>
<tr>
<td>280°T - 300°T</td>
<td>50 W</td>
</tr>
<tr>
<td>300°T - 320°T</td>
<td>35 W</td>
</tr>
<tr>
<td>320°T - 340°T</td>
<td>15 W</td>
</tr>
<tr>
<td>340°T - 360°T</td>
<td>10 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
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 60 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Bourke (NSW)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10014415

Transmitter Site :-
Nominal location : Telstra Site Mount Oxley BOURKE
Australian Map Grid : Zone Easting Northing Reference
55 426676 6658745
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 : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Canungra (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10010213

Transmitter Site:
Nominal location: Optus Site Laheys Lookout MOUNT TAMBORINE

Australian Map Grid: Zone Easting Northing
Reference: 56 517834 6902899
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.9 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Childers (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137887

Transmitter Site :-
Nominal location: Queensland Comms Site Mt Goonaneman
WOOWOONGA

Australian Map Grid:
Reference: Zone 56
Easting: 411205
Northing: 7187750

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: 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Special Condition :-
This technical specification will have no effect if the service is transmitted from a site 20 metres or more from the nominal location specified above.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Childers (QLD)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013047

Transmitter Site :-
Nominal location : Rebel Media Site Mt Goonaneman
WOOWOONGA
Australian Map Grid : Zone Easting Northing
Reference 56 411107 7187216
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 : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>700 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Chinchilla (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002767

Transmitter Site:
Nominal location: Water Tower cnr Middle & Columba Sts CHINCHILLA
Australian Map Grid: Zone Easting Northing
Reference 56 263743 7039729
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 95.5 MHz
Polarisation: Mixed
Maximum antenna height: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>175 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Collinsville (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133128

Transmitter Site :-
Nominal location: Bowen Council Site Mt Devlin SPRINGLANDS

Australian Map Grid:
Reference: Zone Easting Northing
55 586747 7730404

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

Emission: -
Frequency Band & Mode: VHF-FM
Carrier Frequency: 90.1 MHz
Polarisation: Mixed
Maximum antenna height: 26 m

Output Radiation Pattern: -

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Cooktown (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133236

Transmitter Site:
Nominal location: Ergon Energy Site  Mt Tully COOKTOWN
Australian Map Grid:
Reference: Zone 35  Easting 306338  Northing 8287257
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.1 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Coolah (NSW)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137776

Transmitter Site :
Nominal location : Prime TV Site Adj Queensborough Trig off Kerrawah Road COOLAH
Australian Map Grid : Zone 55 Easting 758088 Northing 6480962
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 : 40 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Advisory Notes :

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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Coonamble (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137777

Transmitter Site:
Nominal location: Water Tank NE Cnr Wingadee St and Carrinda Rd COONAMBLE

Australian Map Grid:
Reference: Zone Easting Northing
55 631857 6575785

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: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Dirranbandi (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133256

Transmitter Site: Water Tower cnr Moore and Richardson Streets
DIRRANBANDI

Australian Map Grid: Zone 55  Easting 619684  Northing 6837219

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: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Eagle Heights (QLD)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10011919

Transmitter Site :-
Nominal location : Telstra Radio Terminal Eagle Heights MOUNT TAMBORINE
Australian Map Grid : Zone Easting Northing
Reference : 56  519570  6910794
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 88.9 MHz
Polarisation : Mixed
Maximum antenna height : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Eurong (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133089

Transmitter Site:
Nominal location: Eurong Ranger Station  Eurong  FRASER ISLAND
Australian Map Grid: Zone  Easting  Northing
Reference: 56 512838 7178931
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio

**Category:** Commercial

**General Area Served:** Goondiwindi (QLD)

**Service Licence Number:** SL1150711

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number:** TS1133266

**Transmitter Site:**
- **Nominal location:** Council Depot Boundary Road GOONDIWINDI
- **Australian Map Grid:** Zone Easting Northing
  - Reference: 56 236153 6841640

**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:** 30 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Great Lakes (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013610

Transmitter Site -:
Nominal location: FM Site Cabbage Tree Mountain UPPER MYALL
Australian Map Grid: Zone Easting Northing
Reference: 56 417050 6430505
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission -:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 93.1 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern -:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 20°T</td>
<td>640 W</td>
</tr>
<tr>
<td>20°T - 40°T</td>
<td>490 W</td>
</tr>
<tr>
<td>40°T - 60°T</td>
<td>360 W</td>
</tr>
<tr>
<td>60°T - 120°T</td>
<td>250 W</td>
</tr>
<tr>
<td>120°T - 140°T</td>
<td>360 W</td>
</tr>
<tr>
<td>140°T - 160°T</td>
<td>490 W</td>
</tr>
<tr>
<td>160°T - 180°T</td>
<td>640 W</td>
</tr>
<tr>
<td>180°T - 360°T</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Inglewood (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013190

Transmitter Site:
Nominal location: Shire Council Site via Inglewood-Texas Road
   BRACKER FOREST
Australian Map Grid:
Reference: Zone 56 Easting 313250 Northing 6841850
Site Tolerance: Refer to Broadcasting Services
   (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 90.9 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Julia Creek (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133258

Transmitter Site: Water Tower Burke Street JULIA CREEK

Australian Map Grid: Zone 54 Easting 577018 Northing 7715432

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

Emission:

Frequency Band & Mode: VHF-FM
Carrier Frequency: 96.3 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Karumba (QLD)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1133257

Transmitter Site :-
Nominal location : Council Site Water Tower KARUMBA
Australian Map Grid : Zone Easting Northing Reference
54 482725 8065195
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 : 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Kendall (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137775

Transmitter Site:
Nominal location: NBN Co Site 89 Lorne Road KENDALL
Australian Map Grid:
Zone Easting Northing
Reference: 56 470704 6500511
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.9 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio
Category: Commercial
General Area Served: Kilcoy (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio
 Specification Number: TS1135209

Transmitter Site :-
Nominal location: Telstra Site Trig Point 600 North West Point via KILCOY

Australian Map Grid:
Reference: Zone 56 Easting 454760 Northing 7030000
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.5 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern :-
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
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 dBuV/m against interference from other broadcasting services.
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio  

**Category:** Commercial  
**General Area Served:** Kooralbyn (QLD)  
**Service Licence Number:** SL1150711

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number:** TS1133299  

**Transmitter Site:**

- **Nominal location:** Nominal Planning Site Resort Area KOORALBYN  
- **Australian Map Grid:** Zone Easting Northing  
  - 56 482600 6892300  
- **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:** 20 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Miles (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133167

Transmitter Site :-
Nominal location: Council Site Miles Hill via Warrego Hwy MILES
Australian Map Grid:
Reference: Zone Easting Northing
56 228183 7049172
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: 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Monto (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1134151

Transmitter Site:
Nominal location: Council Site Lovedays Hill BANCROFT
Australian Map Grid: Zone Easting Northing
Reference 56 315941 7252770
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.5 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 135°T</td>
<td>450 W</td>
</tr>
<tr>
<td>135°T - 315°T</td>
<td>900 W</td>
</tr>
<tr>
<td>315°T - 360°T</td>
<td>450 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Mount Tamborine (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10011920

Transmitter Site:
Nominal location: Rebel Media Site Golf Course Rd MOUNT TAMBORINE
Australian Map Grid: Zone Easting Northing
Reference: 56 520895 6905930
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.6 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 35°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>35°T - 135°T</td>
<td>30 W</td>
</tr>
<tr>
<td>135°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Normanton (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133259

Transmitter Site:
Nominal location: BA Site Hospital Road NORMANTON
Australian Map Grid: Zone Easting Northing
Reference 54 508979 8045107
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: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Stanthorpe (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133271

Transmitter Site:-
Nominal location: Broadcast Site Mt Marlay STANTHORPE
Australian Map Grid: Zone Easting Northing
Reference 56 396991 6829751
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 90.1 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Notes :-
This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Tara (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1134416

Transmitter Site :-
Nominal location: Nominal Planning Site via Surat Developmental Rd 7km W of WERANGA
Australian Map Grid: Zone Easting Northing
Reference: 56 269040 6974770
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.9 MHz
Polarisation: Mixed

Maximum antenna height: 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>3 kW</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio

- **Category:** Commercial
- **General Area Served:** Taroom (QLD)
- **Service Licence Number:** SL1150711

**TECHNICAL SPECIFICATION - FM Radio**

- **Specification Number:** TS1133283

**Transmitter Site :-**
- Nominal location: Council Site Water Tower Cranmer St TAROOM
- Australian Map Grid: Zone 55 Easting 781414 Northing 7160484
- 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: 20 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Tenterfield (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133269

**Transmitter Site:**
Nominal location: New Council Site Mount Mackenzie TENTERFIELD
Australian Map Grid: Zone 56 Easting 399807 Northing 6781803
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: 50 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>4 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Texas (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133301

Transmitter Site:
Nominal location: BA Site Via Stanthorpe – Texas Rd TEXAS
Australian Map Grid: Zone 56 Easting 324747 Northing 6807931
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 91.3 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Notes:
This service has been planned on an interference limited basis. Field strengths below the planned maximum 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 dBuV/m against interference from other broadcasting services.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Theodore (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133217

Transmitter Site :-
Nominal location: Nominal Planning Site via Leichhardt Highway THEODORE

Australian Map Grid:
Zone: 56
Easting: 203370
Northing: 7237697

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

Emission :-)  
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.9 MHz
Polarisation: Mixed
Maximum antenna height: 15 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Thursday Island (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003974

Transmitter Site:
Nominal location: Telstra Radio Terminal Millman Hill
THURSDAY ISLAND

Australian Map Grid:
Zone Easting Northing
Reference 54 634097 8830160

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.1 MHz
Polarisation: Mixed
Maximum antenna height: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Wandoan (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133260

Transmitter Site:
Nominal location: Water Tower Jerrard St WANDOAN
Australian Map Grid: Zone Easting Northing
Reference: 55 795819 7107210
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: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Commercial
General Area Served : Warrumbungle (NSW)
Service Licence Number : SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137227
Transmitter Site :
Nominal location : Nominal Planning Site  Mt Cenn Cruaich
Access Road  MT CENN CRUAICH
Australian Map Grid : Zone Easting Northing
Reference 55 692389 6530508
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 89.3 MHz
Polarisation : Mixed
Maximum antenna height : 35 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 60°T</td>
<td>2.5 kW</td>
</tr>
<tr>
<td>60°T - 85°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>85°T - 130°T</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>130°T - 180°T</td>
<td>1.25 kW</td>
</tr>
<tr>
<td>180°T - 225°T</td>
<td>1.4 kW</td>
</tr>
<tr>
<td>225°T - 250°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>250°T - 360°T</td>
<td>2.5 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Weipa (QLD)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10014417

Transmitter Site:
Nominal location: Water Tower Land Street ROCKY POINT
Australian Map Grid: Zone Easting Northing
Reference: 54 595465 8603480
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 97.7 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Commercial
General Area Served: Wilcannia (NSW)
Service Licence Number: SL1150711

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1133284

Transmitter Site:
Nominal location: Council Water Tower 18 Barkindji Drive WILCANNIA

Australian Map Grid:
Reference Zone Easting Northing
54 725865 6506520

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 101.5 MHz
Polarisation: Mixed
Maximum antenna height: 40 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

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

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number :** TS1003845  
**Transmitter Site :-**  
**Nominal location :** BA Site off Clermont-Alpha Rd  
**Australian Map Grid :** Zone  Easting  Northing  
Reference 55 462132 7387849  
**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 :** 70 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003846

**Transmitter Site :-**
Nominal location : BA Site off Clermont-Alpha Rd  ALPHA
Australian Map Grid : Zone Easting Northing
Reference 55 462132 7387849
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 : 70 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Andamooka (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002897

Transmitter Site :-
Nominal location : Telstra Radio Site ANDAMOOKA
Australian Map Grid : Zone Easting Northing
Reference 53 707858 6626606
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 : 36 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Andamooka (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002898

Transmitter Site :-
Nominal location : Telstra Radio Site ANDAMOOKA
Australian Map Grid : Zone Easting Northing
Reference 53 707858 6626606
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 : 36 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Apollo Bay (Vic)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10010463

Transmitter Site:
Nominal location: Broadcast Australia Site Roberts Rd MARENGO
Australian Map Grid:
Zone: 54
Easting: 730192
Northing: 5704121
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 89.5 MHz
Polarisation: Mixed
Maximum antenna height: 24 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Balranald (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004331

Transmitter Site :-
Nominal location : Telstra Exchange BALRANALD
Australian Map Grid : Zone Easting Northing
Reference 54 735030 6163751
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 93.1 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Balranald (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004490

Transmitter Site :-
Nominal location : Telstra Exchange BALRANALD
Australian Map Grid : Zone Easting Northing
Reference 54 735030 6163751
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 91.5 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Bathurst Island (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003991

Transmitter Site :-
Nominal location : Broadcast Site Mission Hill BATHURST ISLAND
Australian Map Grid : ZoneEastinNorthing
Reference52 670632 8697632
Site Tolerance : Refer to Broadcasting Services
(technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 92.9 MHz
Polarisation : Mixed
Maximum antenna height : 42 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA Plan : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Bathurst Island (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003992

Transmitter Site :-
Nominal location : Broadcast Site Mission Hill BATHURST ISLAND
Australian Map Grid : Zone Easting Northing
Reference 52 670632 8697632
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 91.3 MHz
Polarisation : Mixed
Maximum antenna height : 42 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003854

Transmitter Site:
Nominal location: Telstra Radio Terminal BIRDSVILLE
Australian Map Grid: Zone Easting Northing Reference
54 335120 7134595
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: 43 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003855

Transmitter Site :-
Nominal location : Telstra Radio Terminal BIRDSVILLE
Australian Map Grid : Zone Easting Northing
Reference  54 335120 7134595
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 : 43 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Bordertown (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10005893

Transmitter Site:
Nominal location: Telstra Radio Terminal 24 Dunsley St BORDERTOWN

Australian Map Grid:
Reference: Zone 54 Easting 478678 Northing 5981892

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: 60 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Borroloola (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003149

Transmitter Site :-
Nominal location : Broadcast Site Robinson Road BORROLOOLA
Australian Map Grid : Zone Easting Northing
Reference 53 639609 8224523
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Borroloola (NT)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003150

Transmitter Site :-
Nominal location: Broadcast Site Robinson Road BORROLOOLA
Australian Map Grid: Zone Easting Northing
Reference: 53 639609 8224523
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: 27 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Bourke (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004496

Transmitter Site :-
Nominal location : Telstra Site Mt Oxley BOURKE
Australian Map Grid : Zone Easting Northing
Reference 55 426676 6658745
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 101.1 MHz
Polarisation : Mixed
Maximum antenna height : 32 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>20 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Byrock (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10004001
Transmitter Site :-
Nominal location : AM Mast Lot 1 Gongolgon Rd BYROCK
Australian Map Grid : Zone Easting Northing
Reference 55 444573 6608512
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 657 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T</td>
<td>0</td>
<td>1.505 kV</td>
</tr>
<tr>
<td>10°T</td>
<td>0</td>
<td>1.535 kV</td>
</tr>
<tr>
<td>20°T</td>
<td>0</td>
<td>1.51 kV</td>
</tr>
<tr>
<td>30°T</td>
<td>0</td>
<td>1.42 kV</td>
</tr>
<tr>
<td>40°T</td>
<td>0</td>
<td>1.27 kV</td>
</tr>
<tr>
<td>50°T</td>
<td>0</td>
<td>1.075 kV</td>
</tr>
<tr>
<td>60°T</td>
<td>0</td>
<td>855 V</td>
</tr>
<tr>
<td>70°</td>
<td>0</td>
<td>630 V</td>
</tr>
<tr>
<td>80°T</td>
<td>0</td>
<td>425 V</td>
</tr>
<tr>
<td>90°T</td>
<td>0</td>
<td>255 V</td>
</tr>
<tr>
<td>100°T</td>
<td>0</td>
<td>135 V</td>
</tr>
<tr>
<td>110°T</td>
<td>0</td>
<td>85 V</td>
</tr>
<tr>
<td>120°T</td>
<td>0</td>
<td>80 V</td>
</tr>
<tr>
<td>130°T</td>
<td>0</td>
<td>85 V</td>
</tr>
<tr>
<td>140°T</td>
<td>0</td>
<td>135 V</td>
</tr>
<tr>
<td>150°T</td>
<td>0</td>
<td>255 V</td>
</tr>
<tr>
<td>160°T</td>
<td>0</td>
<td>425 V</td>
</tr>
<tr>
<td>170°T</td>
<td>0</td>
<td>630 V</td>
</tr>
<tr>
<td>180°T</td>
<td>0</td>
<td>855 V</td>
</tr>
<tr>
<td>190°T</td>
<td>0</td>
<td>1.075 kV</td>
</tr>
<tr>
<td>200°T</td>
<td>0</td>
<td>1.27 kV</td>
</tr>
</tbody>
</table>

Authorized Version F2018L00025 registered 05/01/2018
<table>
<thead>
<tr>
<th>Angle</th>
<th>CMF</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>210°T</td>
<td>0</td>
<td>1.42 kV</td>
</tr>
<tr>
<td>220°T</td>
<td>0</td>
<td>1.51 kV</td>
</tr>
<tr>
<td>230°T</td>
<td>0</td>
<td>1.535 kV</td>
</tr>
<tr>
<td>240°T</td>
<td>0</td>
<td>1.505 kV</td>
</tr>
<tr>
<td>250°T</td>
<td>0</td>
<td>1.435 kV</td>
</tr>
<tr>
<td>260°T</td>
<td>0</td>
<td>1.34 kV</td>
</tr>
<tr>
<td>270°T</td>
<td>0</td>
<td>1.245 kV</td>
</tr>
<tr>
<td>280°T</td>
<td>0</td>
<td>1.16 kV</td>
</tr>
<tr>
<td>290°T</td>
<td>0</td>
<td>1.105 kV</td>
</tr>
<tr>
<td>300°T</td>
<td>0</td>
<td>1.085 kV</td>
</tr>
<tr>
<td>310°T</td>
<td>0</td>
<td>1.105 kV</td>
</tr>
<tr>
<td>320°T</td>
<td>0</td>
<td>1.16 kV</td>
</tr>
<tr>
<td>330°T</td>
<td>0</td>
<td>1.245 kV</td>
</tr>
<tr>
<td>340°T</td>
<td>0</td>
<td>1.34 kV</td>
</tr>
<tr>
<td>350°T</td>
<td>0</td>
<td>1.435 kV</td>
</tr>
</tbody>
</table>

**Special Condition** :-
The CMF at all elevations must not exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003914

Transmitter Site :-
Nominal location : Telstra Site Lot 18 Plan 17 Barkly Hwy CAMOOWEAL
Australian Map Grid : Zone Easting Northing
Reference 54 204219 7794667
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 : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 256°T</td>
<td>40 W</td>
</tr>
<tr>
<td>256°T - 322°T</td>
<td>160 W</td>
</tr>
<tr>
<td>322°T - 360°T</td>
<td>40 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003915

Transmitter Site :-
Nominal location : Telstra Site Lot 18 Plan 17 Barkly Hwy CAMOOWEAL
Australian Map Grid : Zone Easting Northing
Reference 54 204219 7794667
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 : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 256°T</td>
<td>40 W</td>
</tr>
<tr>
<td>256°T - 322°T</td>
<td>160 W</td>
</tr>
<tr>
<td>322°T - 360°T</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

Category : National  
General Area Served : Ceduna/Smoky Bay (SA)  
Service Licence Number : Not applicable  

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10002899  
Transmitter Site : Telstra Site Lot 51 Eyre Hwy CEDUNA  
Australian Map Grid : Zone 53  Easting 385699  Northing 6443365  
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 :-**  
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>500 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003917

Transmitter Site :-
Nominal location : Telstra Radio Terminal COEN
Australian Map Grid : Zone Easting Northing
Reference 54 737848 8457883
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 : 26 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003918

Transmitter Site :-
Nominal location : Telstra Radio Terminal COEN
Australian Map Grid : Zone Easting Northing
Reference 54 737848 8457883
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 : 26 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002791

Transmitter Site :-
Nominal location : Broadcast Site Mt Devlin SPRINGLANDS
Australian Map Grid : Zone Easting Northing
Reference 55 587326 7730108
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 : 31 m

 Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002792

Transmitter Site :-
Nominal location : Broadcast Site Mt Devlin SPRINGLANDS
Australian Map Grid : Zone Easting Northing
Reference 55 587326 7730108
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 : 31 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Coober Pedy (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002900

Transmitter Site :-
Nominal location : Telstra North Site Traeger Street COOBERR PEDY
Australian Map Grid : Zone Easting Northing
Reference 53 476420 6790537
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 : 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Coober Pedy (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002901

Transmitter Site:
Nominal location: Telstra North Site Traeger Street COOBER PEDY
Australian Map Grid: Zone Easting Northing
Reference: 53 476420 6790537
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:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002760

Transmitter Site :-
Nominal location : Broadcast Site 70 Hope St COOKTOWN
Australian Map Grid : Zone Easting Northing
Reference 55 312231 8288413
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 : 33 m

Output Radiation Pattern :-
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002762

Transmitter Site :
Nominal location : Broadcast Site  70 Hope St  COOKTOWN
Australian Map Grid : Zone  Easting  Northing
Reference  55  312231  8288413
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 : 33 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003923

Transmitter Site :-
Nominal location : Broadcast Site adj School cnr Brown and William Street CROYDON
Australian Map Grid : Zone Easting Northing
Reference 54 632078 7986637
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 : 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003922

Transmitter Site :-
Nominal location : Broadcast Site adj School cnr Brown and William Street CROYDON
Australian Map Grid : Zone Easting Northing
Reference 54 632078 7986637
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 : 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Daly River (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003993

Transmitter Site :-
Nominal location : Telstra Radio Tower Lot 103 Nuiyu Comm NAUIYU
Australian Map Grid : Zone 52  Easting 682522  Northing 8479001
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 : 24 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National

General Area Served: Daly River (NT)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003994

Transmitter Site: Telstra Radio Tower Lot 103 Nauiyu Comm NAUIYU

Australian Map Grid: Zone Easting Northing
Reference 52 682522 8479001

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: 24 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002741

Transmitter Site :-
Nominal location : Broadcast Site 30 Whyenbah Rd
Dirranbandi

Australian Map Grid : Zone Easting Northing
Reference 55 622175 6840174

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 : 50 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Galiwinku (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003170

Transmitter Site :-
Nominal location : Broadcast Site Galiwinku ELCHO ISLAND
Australian Map Grid : Zone 53 Easting 562314 Northing 8670809
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 : 27 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Galiwinku (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003171

Transmitter Site :-
Nominal location : Broadcast Site Galiwinku ELCHO ISLAND
Australian Map Grid : Zone Easting Northing
Reference 53 562314 8670809
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 : 32 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003928

Transmitter Site :-
Nominal location : Broadcast Site Forsyth-Georgetown Road 1 km S of GEORGETOWN
Australian Map Grid : Zone Easting Northing
Reference 54 768900 7974340
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003929

Transmitter Site :-
Nominal location : Broadcast Site Forsyth-Georgetown Road 1 km S of GEORGETOWN
Australian Map Grid : Zone Easting Northing
Reference 54 768900 7974340
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 : 35 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Goodooga (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002948

Transmitter Site :-
Nominal location : Broadcast Site Lot 1 Goodooga Road GOODOOGA

Australian Map Grid : Zone Easting Northing
Reference 55 546776 6777031
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 : 50 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category: National
General Area Served: Goodooga (NSW)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002949

Transmitter Site:
Nominal location: Broadcast Site Lot 1 Goodooga Road GOODOOGA
Australian Map Grid:
Reference: Zone Easting Northing
55 546776 6777031
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: 50 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio
Category : National
General Area Served : Greenvale (QLD)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10003930

Transmitter Site :-
Nominal location : Broadcast Site Lot 17 Gregory Developmental Road
GREENVALE
Australian Map Grid : Zone Easting Northing
Reference 55 288202 7897534
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 : 65 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003931

Transmitter Site:
Nominal location: Broadcast Site Lot 17 Gregory Developmental Road
GREENVALE
Australian Map Grid:
Reference: Zone 55 Easting 288202 Northing 7897534
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 101.9 MHz
Polarisation: Mixed
Maximum antenna height: 65 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Groote Eylandt (NT)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003172

Transmitter Site: BA Site Cypress Rd Alyangula GROOTE EYLANDT

Australian Map Grid: Zone Easting Northing
Reference 53 653929 8468215

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: 33 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Groote Eylandt (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003173

Transmitter Site :-
Nominal location : BA Site Cypress Rd Alyangula GROOTE EYLANDT
Australian Map Grid : Zone Easting Northing
Reference 53 653929 8468215
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 : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Hawker (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002960

Transmitter Site: Broadcasting Site off Rowes Road 4 km SE of HAWKER

Australian Map Grid: Zone 54 Easting 258329 Northing 6465311
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: 32 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Ivanhoe (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002950

Transmitter Site :-
Nominal location : Broadcast Site Lot 1 Balranald Road IVANHOE
Australian Map Grid : Zone Easting Northing
Reference 55 245253 6354021
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Ivanhoe (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003999

Transmitter Site :-
Nominal location : Broadcast Site Lot 1 Balranald Road IVANHOE
Australian Map Grid : Zone Easting Northing
Reference 55 245253 6354021
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 : 70 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Jabiru (NT)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio
Specification Number: TS10003174

Transmitter Site: Telstra Repeater Site 9 Gregory Place JABIRU
Australian Map Grid: Zone 53  Easting 264686  Northing 8598275

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: 84 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

- **Category:** National
- **General Area Served:** Jabiru (NT)
- **Service Licence Number:** Not applicable

**TECHNICAL SPECIFICATION - AM Radio**

- **Specification Number:** TS10003176
- **Transmitter Site:**
  - **Nominal location:** BA AM Mast Lot 2305 El Sharana Road, JABIRU
- **Australian Map Grid:**
  - **Reference:** Zone 53, Easting 266314, Northing 8599780
- **Site Tolerance:** Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

**Emission:**

- **Frequency Band & Mode:** MF-AM
- **Carrier Frequency:** 747 kHz

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>135 V</td>
</tr>
</tbody>
</table>

**Special Condition:**

The CMF at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003934

Transmitter Site :-
Nominal location : Telstra Radio Terminal Lot 30 Old Normanton Road JULIA CREEK
Australian Map Grid : Zone Easting Northing
Reference 54 576914 7715974
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 : 60 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003935

Transmitter Site :-
Nominal location : AM Mast off Flinders Hwy 8 km E of JULIA CREEK
Australian Map Grid : Zone Easting Northing
Reference 54 585377 7716130
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 567 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T</td>
<td>0</td>
<td>1.605 kV</td>
</tr>
<tr>
<td>10°T</td>
<td>0</td>
<td>1.6 kV</td>
</tr>
<tr>
<td>20°T</td>
<td>0</td>
<td>1.59 kV</td>
</tr>
<tr>
<td>30°T</td>
<td>0</td>
<td>1.56 kV</td>
</tr>
<tr>
<td>40°T</td>
<td>0</td>
<td>1.515 kV</td>
</tr>
<tr>
<td>50°T</td>
<td>0</td>
<td>1.445 kV</td>
</tr>
<tr>
<td>60°T</td>
<td>0</td>
<td>1.34 kV</td>
</tr>
<tr>
<td>70°T</td>
<td>0</td>
<td>1.21 kV</td>
</tr>
<tr>
<td>80°T</td>
<td>0</td>
<td>1.055 kV</td>
</tr>
<tr>
<td>90°T</td>
<td>0</td>
<td>885 V</td>
</tr>
<tr>
<td>100°T</td>
<td>0</td>
<td>710 V</td>
</tr>
<tr>
<td>110°T</td>
<td>0</td>
<td>535 V</td>
</tr>
<tr>
<td>120°T</td>
<td>0</td>
<td>375 V</td>
</tr>
<tr>
<td>130°T</td>
<td>0</td>
<td>245 V</td>
</tr>
<tr>
<td>140°T</td>
<td>0</td>
<td>145 V</td>
</tr>
<tr>
<td>150°T</td>
<td>0</td>
<td>95 V</td>
</tr>
<tr>
<td>160°T</td>
<td>0</td>
<td>85 V</td>
</tr>
<tr>
<td>170°T</td>
<td>0</td>
<td>85 V</td>
</tr>
<tr>
<td>180°T</td>
<td>0</td>
<td>95 V</td>
</tr>
<tr>
<td>190°T</td>
<td>0</td>
<td>145 V</td>
</tr>
<tr>
<td>Angle</td>
<td>Elevation</td>
<td>CMF</td>
</tr>
<tr>
<td>-------</td>
<td>-----------</td>
<td>------</td>
</tr>
<tr>
<td>200°T</td>
<td>0</td>
<td>245 V</td>
</tr>
<tr>
<td>210°T</td>
<td>0</td>
<td>375 V</td>
</tr>
<tr>
<td>220°T</td>
<td>0</td>
<td>535 V</td>
</tr>
<tr>
<td>230°T</td>
<td>0</td>
<td>710 V</td>
</tr>
<tr>
<td>240°T</td>
<td>0</td>
<td>885 V</td>
</tr>
<tr>
<td>250°T</td>
<td>0</td>
<td>1.055 kV</td>
</tr>
<tr>
<td>260°T</td>
<td>0</td>
<td>1.21 kV</td>
</tr>
<tr>
<td>270°T</td>
<td>0</td>
<td>1.34 kV</td>
</tr>
<tr>
<td>280°T</td>
<td>0</td>
<td>1.445 kV</td>
</tr>
<tr>
<td>290°T</td>
<td>0</td>
<td>1.515 kV</td>
</tr>
<tr>
<td>300°T</td>
<td>0</td>
<td>1.56 kV</td>
</tr>
<tr>
<td>310°T</td>
<td>0</td>
<td>1.59 kV</td>
</tr>
<tr>
<td>320°T</td>
<td>0</td>
<td>1.6 kV</td>
</tr>
<tr>
<td>330°T</td>
<td>0</td>
<td>1.605 kV</td>
</tr>
<tr>
<td>340°T</td>
<td>0</td>
<td>1.605 kV</td>
</tr>
<tr>
<td>350°T</td>
<td>0</td>
<td>1.605 kV</td>
</tr>
</tbody>
</table>

**Special Condition**

The CMF at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002755

Transmitter Site :-
Nominal location : Council Site  adj Water Reservoir KARUMBA
Australian Map Grid :
Reference : Zone Easting Northing
54 482725 8065195
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 : 33 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002756

Transmitter Site :-
Nominal location : Council Site adj Water Reservoir KARUMBA
Australian Map Grid : Zone Easting Northing
Reference 54 482725 8065195
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 : 33 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Keith (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005886

Transmitter Site :-
Nominal location : Telstra Site Lot 94 Sugarloaf Road KEITH
Australian Map Grid : Zone Easting Northing
Reference 54 440089 6014799
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 96.9 MHz
Polarisation : Mixed
Maximum antenna height : 50 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

<table>
<thead>
<tr>
<th>Category</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Area Served</td>
<td>Lakeland (QLD)</td>
</tr>
<tr>
<td>Service Licence Number</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10008303

**Transmitter Site :**

Nominal location : Telstra Radio Terminal LAKELAND

Australian Map Grid : Zone Easting Northing
Reference 55 269365 8240699

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 : 10 m

**Output Radiation Pattern :**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

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LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008300

Transmitter Site :-
Nominal location : Telstra Radio Terminal LAKELAND
Australian Map Grid : Zone Easting Northing
Reference 55 269365 8240699
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 : 10 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Lameroo (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005884

Transmitter Site :-
Nominal location : Telstra Site Lot 204 Vardon Terrace LAMEROO
Australian Map Grid : Zone Easting Northing
Reference 54 455610 6090217
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 : 80 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Lameroo (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005885

Transmitter Site :
Nominal location : Telstra Site Lot 204 Vardon Terrace LAMEROO
Australian Map Grid : Zone Easting Northing
Reference 54 455610 6090217
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 106.5 MHz
Polarisation : Mixed
Maximum antenna height : 80 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>

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LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003936

Transmitter Site :-
Nominal location : Telstra Radio Terminal Lot 168 Deighton Road LAURA
Australian Map Grid : Zone Easting Northing
Reference 55 225857 8278014
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 : 44 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorized Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003937

Transmitter Site :-
Nominal location : Telstra Radio Terminal Lot 168 Deighton Road LAURA
Australian Map Grid : Zone Easting Northing
Reference 55 225857 8278014
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 : 44 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Leigh Creek South (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002902

Transmitter Site :-
Nominal location : BA Site Lot 13 Wattle Street LEIGH CREEK
Australian Map Grid : Zone 54 Easting 250983 Northing 6611714
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Leigh Creek South (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003203

Transmitter Site :-
Nominal location : BA Site  Lot 13 Wattle Street  LEIGH CREEK
Australian Map Grid : Zone  Easting  Northing
Reference  54  250983  6611714
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 1602 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>94 V</td>
</tr>
</tbody>
</table>

Special Condition :-
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Marree (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002903

Transmitter Site: Broadcast Site Callanda Station 2km SW of MARREE

Australian Map Grid: Zone Easting Northing
Reference 54 214791 6715745

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: 32 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Marree (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002904

Transmitter Site :-
Nominal location : Broadcast Site Callanda Station 2km SW of MARREE

Australian Map Grid :
Reference Zone Easting Northing
54 214791 6715745

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 : 32 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Mataranka (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003995

Transmitter Site :-
Nominal location : Telstra Radio Terminal Lot 1435 Conway Road MATARANKA
Australian Map Grid : Zone Easting Northing
Reference 53 291142 8347738
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 : 51 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Mataranka (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003996

Transmitter Site :
Nominal location : Telstra Radio Terminal Lot 1435 Conway Road MATARANKA
Australian Map Grid : Zone Easting Northing
Reference 53 291142 8347738
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 : 51 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003877

Transmitter Site :-
Nominal location: BA Site Yellowcap Ridge off Hurst Road 30 km SW of MEANDARRA
Australian Map Grid: Zone Easting Northing
Reference 55 760971 6956135
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: 26 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Menindee (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005949

Transmitter Site :-
Nominal location : Broadcast Site Menindee-Broken Hill Road 7km North of MENINDEE
Australian Map Grid : Zone Easting Northing
Reference : 54 632975 6421015
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 97.3 MHz
Polarisation : Mixed
Maximum antenna height : 64 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Menindee (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004000

Transmitter Site :
Nominal location : Broadcast Site Menindee-Broken Hill Road 7km North of MENINDEE
Australian Map Grid : Zone Easting Northing
Reference 54 632975 6421015
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 95.7 MHz
Polarisation : Mixed
Maximum antenna height : 64 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003878

Transmitter Site :-
Nominal location : Telstra Radio Terminal Miles Hill via Warrego Hwy MILES HILL
Australian Map Grid : Zone  Easting  Northing
Reference  56  228207  7049297
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 92.1 MHz
Polarisation : Mixed
Maximum antenna height : 40 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>650 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003881

Transmitter Site:
Nominal location: Broadcast Site 78 Plateau Road MULGILDIE
Australian Map Grid:
Reference Zone Easting Northing
56 316850 7234840
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 103.5 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 25°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>25°T - 40°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>40°T - 300°T</td>
<td>500 W</td>
</tr>
<tr>
<td>300°T - 315°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>315°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003882

Transmitter Site :-
Nominal location : Broadcast Site 78 Plateau Road MULGILDIE
Australian Map Grid : Zone Easting Northing
Reference 56 316850 7234840
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 101.9 MHz
Polarisation : Mixed
Maximum antenna height : 26 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 25°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>25°T - 40°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>40°T - 300°T</td>
<td>500 W</td>
</tr>
<tr>
<td>300°T - 315°T</td>
<td>1 kW</td>
</tr>
<tr>
<td>315°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003938

Transmitter Site :
Nominal location : Telstra Radio Terminal Lot 39 Onyx Street MOUNT GARNET

Australian Map Grid :
Reference : Zone Easting Northing
55 300510 8043470

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

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 97.3 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003939
Transmitter Site :-
Nominal location : Telstra Radio Terminal Lot 39 Onyx Street
MOUNT GARNET
Australian Map Grid : Zone Easting Northing
Reference 55 300510 8043470
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 95.7 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003884

Transmitter Site: -
Nominal location: Broadcast Site Hospital Hill MUTTABURRA
Australian Map Grid: Reference
Zone 55 246545 7498665
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: 50 m

Output Radiation Pattern: -

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category: National
General Area Served: Newcastle Waters (NT)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003177

Transmitter Site:
Nominal location: Broadcast Site via Stuart Hwy PAMAYU
Australian Map Grid: Zone Easting Northing
Reference: 53 335030 8072588
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: 53 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Newcastle Waters (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003178

Transmitter Site :-
Nominal location : Broadcast Site via Stuart Hwy PAMAYU
Australian Map Grid : Zone  Easting  Northing
Reference  53  335030  8072588
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 : 53 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category: National
General Area Served: Nhulunbuy (NT)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number: TS10003175

Transmitter Site:
Nominal location: BA AM Mast 40 Eugenia Ave NHULUNBUY
Australian Map Grid: Zone Easting Northing
Reference: 53 694962 8651707
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: MF-AM
Carrier Frequency: 990 kHz

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>220 V</td>
</tr>
</tbody>
</table>

Special Condition:
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Nhulunbuy (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003184

Transmitter Site :
Nominal location : Broadcast Site Town Water Tank Road Mt Saunders NHULUNBUY
Australian Map Grid : Zone Easting Northing
Reference 53 693198 8652590
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 : 41 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002749

Transmitter Site: -
Nominal location: BA Site Hospital Road NORMANTON
Australian Map Grid: Zone Easting Northing
Reference: 54 508979 8045107
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: 34 m

Output Radiation Pattern: -

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

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

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10002750  

*Transmitter Site :-*

Nominal location : BA Site Hospital Road NORMANTON  
Australian Map Grid : Zone Easting Northing  
Reference : 54 508979 8045107  
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 : 34 m  

*Output Radiation Pattern :-*

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Nyngan (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002772

Transmitter Site :-
Nominal location : Broadcast tower Lot 95 Tullamore Nyngan Road NYNGAN
Australian Map Grid : Zone Easting Northing
Reference 55 517035 6505124
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 95.1 MHz
Polarisation : Mixed
Maximum antenna height : 50 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003950

Transmitter Site :-
Nominal location : Telstra Radio Terminal Twilight Hill PENTLAND
Australian Map Grid : Zone Easting Northing
Reference 55 333912 7733810
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 : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003951

Transmitter Site :-
Nominal location : Telstra Radio Terminal Twilight Hill
PENTLAND

Australian Map Grid : Zone 55 Easting 333912 Northing 7733810

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 : 20 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

- **Category :** National
- **General Area Served :** Pine Creek (NT)
- **Service Licence Number :** Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

- **Specification Number :** TS10003997

**Transmitter Site :-**

- **Nominal location :** Broadcast Site Lot 80 Whitelaw Street PINE CREEK
- **Australian Map Grid :** Zone 52 Easting 806541 Northing 8469875
- **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 :** 18 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Pine Creek (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003998

Transmitter Site :-
Nominal location : Broadcast Site Lot 80 Whitelaw Street PINE CREEK

Australian Map Grid : Zone Easting Northing
Reference 52 806541 8469875

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 : 18 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Pinnaroo (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002905

Transmitter Site :-
Nominal location : Telstra Site Lot 30 Bone Road PINNAROO
Australian Map Grid : Zone Easting Northing
                  54    490739   6098504
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 : 60 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Pinnaroo (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002906

Transmitter Site:
Nominal location: Telstra Site Lot 30 Bone Road PINNAROO
Australian Map Grid: Zone Easting Northing
Reference: 54 490739 6098504
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.1 MHz
Polarisation: Mixed
Maximum antenna height: 60 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>150 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002758

**Transmitter Site:**
Nominal location: Telstra Radio Terminal Lot 1 Flinders Hwy RICHMOND
Australian Map Grid: Zone Easting Northing
Reference: 54 724521 7703861
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: 69 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Roxby Downs (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10000543

Transmitter Site :
Nominal location : Telstra Site Lot 728 Olympic Way ROXBY DOWNS

Australian Map Grid : Zone Easting Northing
Reference 53 681610 6618960

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

Emission :
Frequency Band & Mode : VHF-FM
Carrier Frequency : 101.9 MHz
Polarisation : Vertical
Maximum antenna height : 41 m

Output Radiation Pattern :

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 50°T</td>
<td>1.3 kW</td>
</tr>
<tr>
<td>50°T - 90°T</td>
<td>600 W</td>
</tr>
<tr>
<td>90°T - 260°T</td>
<td>325 W</td>
</tr>
<tr>
<td>260°T - 300°T</td>
<td>500 W</td>
</tr>
<tr>
<td>300°T - 360°T</td>
<td>1.3 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Roxby Downs (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10000544

Transmitter Site: Telstra Site Lot 728 Olympic Way ROXBY DOWNS

Australian Map Grid: Zone Easting Northing
Reference 53 681610 6618960

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.7 MHz
Polarisation: Vertical
Maximum antenna height: 41 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 50°T</td>
<td>1.3 kW</td>
</tr>
<tr>
<td>50°T - 90°T</td>
<td>600 W</td>
</tr>
<tr>
<td>90°T - 260°T</td>
<td>325 W</td>
</tr>
<tr>
<td>260°T - 300°T</td>
<td>500 W</td>
</tr>
<tr>
<td>300°T - 360°T</td>
<td>1.3 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Roxby Downs (SA)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002907

Transmitter Site:
Nominal location: Telstra Site Lot 728 Olympic Way ROXBY DOWNS
Australian Map Grid:
Reference Zone Easting Northing
53 681592 6618915
Site Tolerance: Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 103.5 MHz
Polarisation: Vertical

Maximum antenna height: 41 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 50°T</td>
<td>1.3 kW</td>
</tr>
<tr>
<td>50°T - 90°T</td>
<td>600 W</td>
</tr>
<tr>
<td>90°T - 260°T</td>
<td>325 W</td>
</tr>
<tr>
<td>260°T - 300°T</td>
<td>500 W</td>
</tr>
<tr>
<td>300°T - 360°T</td>
<td>1.3 kW</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

Category : National
General Area Served : Streaky Bay (SA)
Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10002908

**Transmitter Site :-**

Nominal location : Broadcast Site Lot 520 Cape Bauer Road STREAKY BAY
Australian Map Grid : Zone 53 Easting 424241 Northing 6375253
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 : 117 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T - 220°T</td>
<td>2 kW</td>
</tr>
<tr>
<td>220°T - 300°T</td>
<td>200 W</td>
</tr>
<tr>
<td>300°T - 360°T</td>
<td>2 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Streaky Bay (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003202

Transmitter Site :-
Nominal location : AM Mast Lot 520 Cape Bauer Road
STREAKY BAY

Australian Map Grid :
Reference
Zone  Easting  Northing
53  424065  637073

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

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 693 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°T</td>
<td>0</td>
<td>220 V</td>
</tr>
<tr>
<td>10°T</td>
<td>0</td>
<td>210 V</td>
</tr>
<tr>
<td>20°T</td>
<td>0</td>
<td>170 V</td>
</tr>
<tr>
<td>30°T</td>
<td>0</td>
<td>240 V</td>
</tr>
<tr>
<td>40°T</td>
<td>0</td>
<td>275 V</td>
</tr>
<tr>
<td>50°T</td>
<td>0</td>
<td>270 V</td>
</tr>
<tr>
<td>60°T</td>
<td>0</td>
<td>230 V</td>
</tr>
<tr>
<td>70°T</td>
<td>0</td>
<td>155 V</td>
</tr>
<tr>
<td>80°T</td>
<td>0</td>
<td>130 V</td>
</tr>
<tr>
<td>90°T</td>
<td>0</td>
<td>250 V</td>
</tr>
<tr>
<td>100°T</td>
<td>0</td>
<td>430 V</td>
</tr>
<tr>
<td>110°T</td>
<td>0</td>
<td>615 V</td>
</tr>
<tr>
<td>120°T</td>
<td>0</td>
<td>760 V</td>
</tr>
<tr>
<td>130°T</td>
<td>0</td>
<td>835 V</td>
</tr>
<tr>
<td>140°T</td>
<td>0</td>
<td>830 V</td>
</tr>
<tr>
<td>150°T</td>
<td>0</td>
<td>740 V</td>
</tr>
<tr>
<td>160°T</td>
<td>0</td>
<td>590 V</td>
</tr>
<tr>
<td>170°T</td>
<td>0</td>
<td>405 V</td>
</tr>
<tr>
<td>180°T</td>
<td>0</td>
<td>230 V</td>
</tr>
<tr>
<td>190°T</td>
<td>0</td>
<td>125 V</td>
</tr>
<tr>
<td>Angle (°T)</td>
<td>Elevation</td>
<td>Voltage (V)</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>200°T</td>
<td>0</td>
<td>160 V</td>
</tr>
<tr>
<td>210°T</td>
<td>0</td>
<td>230 V</td>
</tr>
<tr>
<td>220°T</td>
<td>0</td>
<td>265 V</td>
</tr>
<tr>
<td>230°T</td>
<td>0</td>
<td>260 V</td>
</tr>
<tr>
<td>240°T</td>
<td>0</td>
<td>215 V</td>
</tr>
<tr>
<td>250°T</td>
<td>0</td>
<td>145 V</td>
</tr>
<tr>
<td>260°T</td>
<td>0</td>
<td>135 V</td>
</tr>
<tr>
<td>270°T</td>
<td>0</td>
<td>265 V</td>
</tr>
<tr>
<td>280°T</td>
<td>0</td>
<td>445 V</td>
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<tr>
<td>290°T</td>
<td>0</td>
<td>625 V</td>
</tr>
<tr>
<td>300°T</td>
<td>0</td>
<td>765 V</td>
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<tr>
<td>310°T</td>
<td>0</td>
<td>840 V</td>
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<tr>
<td>320°T</td>
<td>0</td>
<td>825 V</td>
</tr>
<tr>
<td>330°T</td>
<td>0</td>
<td>735 V</td>
</tr>
<tr>
<td>340°T</td>
<td>0</td>
<td>580 V</td>
</tr>
<tr>
<td>350°T</td>
<td>0</td>
<td>395 V</td>
</tr>
</tbody>
</table>

**Special Condition :-**

The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003896

Transmitter Site :-
Nominal location : BA Site Lot 4 Cranmer St TAROOM
Australian Map Grid : Zone Easting Northing
Reference 55 781505 7160584
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

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

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003897

Transmitter Site :-
Nominal location : BA Site Lot 4 Cranmer St TAROOM
Australian Map Grid : Zone Easting Northing
Reference 55 781505 7160584
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 106.1 MHz
Polarisation : Vertical
Maximum antenna height : 32 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Tennant Creek (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003179

Transmitter Site :-
Nominal location : Telstra Repeater 8400 via Peko Road
TENNANT CREEK

Australian Map Grid : Zone Easting Northing
Reference 53 418470 7828650
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Tennant Creek (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003180

Transmitter Site :-
Nominal location : BA AM Mast Peko Road 8 km ESE of TENNANT CREEK
Australian Map Grid : Zone Easting Northing
Reference 53 422358 7824788
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 684 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>305 V</td>
</tr>
</tbody>
</table>

Special Condition :-
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Tenterfield (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005948

Transmitter Site :-
Nominal location : Telstra Site Mount Mackenzie TENTERFIELD
Australian Map Grid : Zone Easting Northing
Reference 56 399315 6781814
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 88.9 MHz
Polarisation : Mixed
Maximum antenna height : 28 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>80 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Tenterfield (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005947

Transmitter Site :-
Nominal location : Telstra Site Mount Mackenzie TENTERFIELD
Australian Map Grid : Zone Easting Northing Reference
Easting Northing 56 399315 6781814
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 : 28 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>80 W</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

Category : National

General Area Served : Theodore (QLD)

Service Licence Number : Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10003898

*Transmitter Site* :-

Nominal location : Broadcast Site 16782 Leichhardt Hwy ISLA

Australian Map Grid : Zone 56  Easting 203175  Northing 7236984

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 : 28 m

*Output Radiation Pattern* :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003899

Transmitter Site:-
Nominal location: Broadcast Site 16782 Leichhardt Hwy ISLA
Australian Map Grid:
Reference
Zone  Easting  Northing
56  203175  7236984
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: 28 m

Output Radiation Pattern:-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

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

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10003973  
Transmitter Site :-
Nominal location : Broadcast Site Green Hill THURSDAY ISLAND  
Australian Map Grid : Zone Easting Northing  
Reference 54 632497 8829800  
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 : 18 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003975

Transmitter Site :
Nominal location : BA AM Mast 1 Stephen Street THURSDAY ISLAND
Australian Map Grid : Zone Easting Northing
Reference 54 632050 8829980
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :
Frequency Band & Mode : MF-AM
Carrier Frequency : 1062 kHz

Output Radiation Pattern :
<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>435 V</td>
</tr>
</tbody>
</table>

Special Condition :
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National
General Area Served: Tottenham (NSW)
Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10005929

Transmitter Site:
Nominal location: Broadcast Site off Tullamore-Nyngan Road 3.5km NW of TOTTENHAM

Australian Map Grid:
Reference: 55 531301 6435157

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: 45 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

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

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10003900  

Transmitter Site :-
Nominal location : Broadcast Site 412 Nathan Rd WANDOAN  
Australian Map Grid : Zone Easting Northing  
Reference 55 796087 7115459  
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017  

Emission :-
Frequency Band & Mode : VHF-FM  
Carrier Frequency : 98.9 MHz  
Polarisation : Mixed  
Maximum antenna height : 64 m  

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio

- **Category:** National
- **General Area Served:** Wandoan (QLD)
- **Service Licence Number:** Not applicable

**TECHNICAL SPECIFICATION - FM Radio**

- **Specification Number:** TS10003901

**Transmitter Site :-**

- **Nominal location:** Broadcast Site 412 Nathan Rd WANDOAN
- **Australian Map Grid:** Zone 55 Easting 796087 Northing 7115459
- **Site Tolerance:** Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

**Emission :-**

- **Frequency Band & Mode:** VHF-FM
- **Carrier Frequency:** 98.1 MHz
- **Polarisation:** Mixed
- **Maximum antenna height:** 64 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002329

Transmitter Site :-
Nominal location : Broadcast Australia Site Transmission St ROCKY POINT
Australian Map Grid : Zone Easting Northing
Reference 54 596304 8603932
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 : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003981

Transmitter Site :-
Nominal location : BA AM Mast Lot 38 Tonkin Road ROCKY POINT
Australian Map Grid : Zone Easting Northing
Reference 54 596550 8604500
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 1044 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>220 V</td>
</tr>
</tbody>
</table>

Special Condition :-
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: National

General Area Served: Wilcannia (NSW)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number: TS10004002

Transmitter Site:
Nominal location: BA AM Mast Lot 12 Cleaton St WILCANNIA

Australian Map Grid:
Reference: Zone Easting Northing
54 724924 6505985

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

Emission:
Frequency Band & Mode: MF-AM
Carrier Frequency: 1485 kHz

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>105 V</td>
</tr>
</tbody>
</table>

Special Condition:
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Wilcannia (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10004003

Transmitter Site :-
Nominal location : BA AM Mast Lot 12 Cleaton St WILCANNIA
Australian Map Grid : Zone Easting Northing
Reference 54 724924 6505985
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

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

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth 0</td>
<td></td>
<td>105 V</td>
</tr>
</tbody>
</table>

Special Condition :-
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Wirrulla (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002909

Transmitter Site :-
Nominal location : Telstra Site off Gawler Ranges Road 8 km SE of WIRRULLA
Australian Map Grid : Zone Easting Northing
Reference 53 463456 6414126
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 : 71 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1.5 kW</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

<table>
<thead>
<tr>
<th>Category</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Area Served</td>
<td>Woomera (SA)</td>
</tr>
<tr>
<td>Service Licence Number</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATION - FM Radio**

<table>
<thead>
<tr>
<th>Specification Number</th>
<th>TS10002910</th>
</tr>
</thead>
</table>

**Transmitter Site :-**

<table>
<thead>
<tr>
<th>Nominal location</th>
<th>Broadcast Site off Pimba Road WOOMERA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Map Grid :</td>
<td>Zone  Easting  Northing</td>
</tr>
<tr>
<td>Reference</td>
<td>53  672931  6547017</td>
</tr>
</tbody>
</table>

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

**Emission :-**

<table>
<thead>
<tr>
<th>Frequency Band &amp; Mode</th>
<th>VHF-FM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Frequency</td>
<td>105.7 MHz</td>
</tr>
<tr>
<td>Polarisation</td>
<td>Mixed</td>
</tr>
<tr>
<td>Maximum antenna height</td>
<td>20 m</td>
</tr>
</tbody>
</table>

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : National
General Area Served : Woomera (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10003201

Transmitter Site :-
Nominal location : BA Mast Kotara Crescent WOOMERA
Australian Map Grid : Zone  Easting  Northing
Reference  53  673939  6546608
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2017

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

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>70 V</td>
</tr>
</tbody>
</table>

Special Condition :-
The CMF elevation at all elevations is not to exceed the specified CMF at 0 degrees elevation for all angles of azimuth.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10004026

Transmitter Site :-
Nominal location: Nominal Planning Site Clermont-Alpha Road ALPHA
Australian Map Grid: Zone Easting Northing
Reference 55 461689 7388338
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 100.7 MHz
Polarisation: Mixed
Maximum antenna height: 70 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 8 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 461689, Northing 7388338. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Open Narrowcasting
General Area Served : Balranald (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004334

Transmitter Site :-
Nominal location : MRE Site Water Reservoir Church St BALRANALD

Australian Map Grid : Zone Easting Northing
Reference 54 734700 6164200
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 95.5 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 5 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 734700, Northing 61642000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Open Narrowcasting
General Area Served : Balranald (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004336

Transmitter Site :-
Nominal location : MRE Site Water Reservoir Church St BALRANALD

Australian Map Grid : Zone Easting Northing
Reference 54 734700 6164200
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 97.1 MHz
Polarisation : Mixed
Maximum antenna height : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 5 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 734700, Northing 61642000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004216

Transmitter Site :-
Nominal location : Broadcast Planning Site  BIRDSVILLE
Australian Map Grid : Zone  Easting  Northing
Reference  54  334500  7134100
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 :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 5 kilometres measured from a point with the following AMG66 co-ordinates: Zone 54, Easting 334500, Northing 71341000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002789

Transmitter Site:
Nominal location: Nominal Planning Site Mt Devlin SPRINGLANDS
Australian Map Grid:
Reference: Zone Easting Northing
55 587300 7730100
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 103.7 MHz
Polarisation: Mixed
Maximum antenna height: 26 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note:
The coverage area of this transmission is 10 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 587300, Northing 7730100. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Open Narrowcasting
General Area Served : Coober Pedy (SA)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10000374

Transmitter Site :-
Nominal location : Broadcast Site COOBER PEDY
Australian Map Grid : Zone Easting Northing
Reference 53 476000 6791000
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 98.1 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 5 kilometres measured from a point with the following AMG66 co-ordinates: Zone 53, Easting 476000, Northing 6791000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002768

Transmitter Site:
Nominal location: Broadcast Site Hope St COOKTOWN
Australian Map Grid: Zone Easting Northing
Reference: 55 312300 8285500
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: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>100 W</td>
</tr>
</tbody>
</table>

Advisory Note:
The coverage area of this transmission is 10 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 312300, Northing 82855000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Open Narrowcasting
General Area Served : Groote Eylandt (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004016

Transmitter Site :-
Nominal location : Nominal Planning Site Cypress Rd Alyangula
GROOTE EYLANDT

Australian Map Grid : Zone Easting Northing
Reference 53 653900 8468200

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

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 103.7 MHz
Polarisation : Mixed
Maximum antenna height : 25 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>160 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 15 kilometres measured from a point with the following AMG66 co-ordinates: Zone 53, Easting 653900, Northing 8468200. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10013215

Transmitter Site:
Nominal location: Shire Council Site via Inglewood-Texas Road
BRACKER FOREST

Australian Map Grid:
Reference: Zone 56 Easting 313250 Northing 6841850
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 98.1 MHz
Polarisation: Mixed
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>

Advisory Note:
The coverage area of this transmission is 12 kilometres measured from a point with the following AMG66 co-ordinates: Zone 55, Easting 313250, Northing 6841850. This point is the same as the nominal transmitter site.

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 dBuV/m against interference from other broadcasting services.
**LICENCE AREA PLAN : Remote Central and Eastern Australia Radio**

<table>
<thead>
<tr>
<th>Category</th>
<th>Open Narrowcasting</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Area Served</td>
<td>Jabiru (NT)</td>
</tr>
<tr>
<td>Service Licence Number</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**TECHNICAL SPECIFICATION - FM Radio**

<table>
<thead>
<tr>
<th>Specification Number</th>
<th>TS10004017</th>
</tr>
</thead>
</table>

**Transmitter Site :-**

<table>
<thead>
<tr>
<th>Nominal location</th>
<th>Gregory Place JABIRU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Map Grid</td>
<td>Zone Easting Northing</td>
</tr>
<tr>
<td>Reference</td>
<td>53 264700 8598300</td>
</tr>
<tr>
<td>Site Tolerance</td>
<td>Refer to <em>Broadcasting Services (Technical Planning) Guidelines 2017</em></td>
</tr>
</tbody>
</table>

**Emission :-**

<table>
<thead>
<tr>
<th>Frequency Band &amp; Mode</th>
<th>VHF-FM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Frequency</td>
<td>103.7 MHz</td>
</tr>
<tr>
<td>Polarisation</td>
<td>Mixed</td>
</tr>
<tr>
<td>Maximum antenna height</td>
<td>30 m</td>
</tr>
</tbody>
</table>

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

**Advisory Note :-**

The coverage area of this transmission is 10 kilometres measured from a point with the following AMG66 co-ordinates: Zone 53, Easting 264700, Northing 85983000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002751

Transmitter Site :-
Nominal location : Nominal Planning Site Hospital Road NORMANTON

Australian Map Grid : Zone Easting Northing
Reference 54 508800 8044800
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 : 30 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 15 kilometres measured from a point with the following AMG66 co-ordinates: Zone 54, Easting 508800, Northing 8044800. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Open Narrowcasting
General Area Served : Pine Creek (NT)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004019

Transmitter Site :-
Nominal location : Nominal Planning Site PINE CREEK
Australian Map Grid : Zone Easting Northing
Reference 52 806500 8469900
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 103.7 MHz
Polarisation : Mixed
Maximum antenna height : 18 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>25 W</td>
</tr>
</tbody>
</table>

Advisory Note :-
The coverage area of this transmission is 10 kilometres measured from a point with the following AMG66 co-ordinates: Zone 52, Easting 806500, Northing 8469900. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10004038

Transmitter Site:
Nominal location: Nominal Planning Site Transmission Street ROCKY POINT

Australian Map Grid:
Reference: Zone 54, Easting 596300, Northing 8604000
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: 30 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>

Advisory Note:
The coverage area of this transmission is 10 kilometres measured from a point with the following AMG66 co-ordinates: Zone 54, Easting 596300, Northing 8604000. This point is the same as the nominal transmitter site.
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Ceduna (SA)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137879

Transmitter Site:
Nominal location: Broadcast Site Lot 198 Schwarz Hill Road CEDUNA
Australian Map Grid: Zone Easting Northing
Reference 53 382536 6441796
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.9 MHz
Polarisation: Vertical
Maximum antenna height: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
**LICENCE AREA PLAN:** Remote Central and Eastern Australia Radio

**Category:** Community  
**General Area Served:** Elliott (NT)  
**Service Licence Number:** SL10181

**TECHNICAL SPECIFICATION - FM Radio**

**Specification Number:** TS1137880  
**Transmitter Site:**
- **Nominal location:** Broadcast Site Lot 134 Stuart Hwy ELLIOTT  
- **Australian Map Grid:** Zone Easting Northing  
  | Reference | 53 | 345464 | 8058330 |
- **Site Tolerance:** Refer to *Broadcasting Services (Technical Planning) Guidelines 2017*

**Emission:**
- **Frequency Band & Mode:** VHF-FM  
- **Carrier Frequency:** 102.9 MHz  
- **Polarisation:** Vertical  
- **Maximum antenna height:** 30 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>800 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Ernabella (SA)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002891

Transmitter Site :-
Nominal location : Broadcast Site ERNABELLA
Australian Map Grid : Zone Easting Northing
Reference 53 213608 7090153
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 102.9 MHz
Polarisation : Vertical
Maximum antenna height : 10 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>20 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Finke (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003098

Transmitter Site :-
Nominal location: Broadcast Site FINKE
Australian Map Grid: Zone Easting Northing
Reference: 53 457025 7170035
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.9 MHz
Polarisation: Vertical
Maximum antenna height: 8 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Groote Eylandt (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003108

Transmitter Site :-
Nominal location : Commercial Site Cypress Rd Alyangula GROOTE EYLANDT

Australian Map Grid : Zone Easting Northing
Reference 53 653900 8468200

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

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 102.1 MHz
Polarisation : Vertical
Maximum antenna height : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Hermannsburg (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003099

Transmitter Site :-
Nominal location : Broadcast Site HERMANNSBURG
Australian Map Grid : Zone Easting Northing
Reference 53 273412 7349856
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 103.7 MHz
Polarisation : Vertical
Maximum antenna height : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>450 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Katherine (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1137881

Transmitter Site:
Nominal location: Council Site Lot 3135 (13) Chardon Street KATHERINE

Australian Map Grid: Zone Easting Northing
Reference: 53 207259 8397943
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: 38 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Kintore (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003100

Transmitter Site :-
Nominal location : Broadcast Site Gary Junction Road KINTORE
Australian Map Grid : Zone Easting Northing
Reference 52 539910 7426007
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 102.9 MHz
Polarisation : Vertical
Maximum antenna height : 8 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Lajamanu (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003101

Transmitter Site: Broadcast Site Arts Centre LAJAMANU
Australian Map Grid: Zone Easting Northing
Reference: 52 672684 7971665
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:

Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.9 MHz
Polarisation: Vertical
Maximum antenna height: 10 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Ngukurr (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003102

**Transmitter Site :-**
Nominal location : Broadcast Site Lot 293 Balamurra Street NGUKURR
Australian Map Grid : Zone Easting Northing
Reference 53 471058 8370851
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 : 18 m

**Output Radiation Pattern :-**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Papunya (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003103

**Transmitter Site:**
- Nominal location: Broadcast Site Pump House PAPUNYA
- Australian Map Grid: Zone Easting Northing
  - Reference: 52 797699 743001
- Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

**Emission:**
- Frequency Band & Mode: VHF-FM
- Carrier Frequency: 102.9 MHz
- Polarisation: Vertical
- Maximum antenna height: 10 m

**Output Radiation Pattern:**

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Santa Teresa (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003104

Transmitter Site:
Nominal location: Broadcast Site Lot 270 Church Street SANTA TERESA

Australian Map Grid: Zone Easting Northing
Reference: 53 436521 7330992
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 103.7 MHz
Polarisation: Vertical
Maximum antenna height: 20 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Tennant Creek (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003105

Transmitter Site :-
Nominal location : Imparja Broadcast Site via Peko Road
TENNANT CREEK
Australian Map Grid : Zone Easting Northing Reference
53 418249 7828682
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 : 20 m

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>250 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN : Remote Central and Eastern Australia Radio

Category : Community
General Area Served : Willowra (NT)
Service Licence Number : SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003106

_transmitter Site :-
Nominal location : Broadcast Site Lot 126 Willowra Comm. WILLOWRA
Australian Map Grid : Zone Easting Northing
Reference 53 252580 7648540
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2017

_Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 102.9 MHz
Polarisation : Vertical
Maximum antenna height : 10 m

_Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>40 W</td>
</tr>
</tbody>
</table>

Authorised Version F2018L00025 registered 05/01/2018
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Yuendumu (NT)
Service Licence Number: SL10181

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10003109

Transmitter Site:
Nominal location: Broadcast Studio Conniston Road and Walpiri Ave YUENDUMU

Australian Map Grid: Zone Easting Northing
Reference: 52 787950 7536175

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

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 102.9 MHz
Polarisation: Vertical
Maximum antenna height: 10 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>20 W</td>
</tr>
</tbody>
</table>
Attachment 5.1

Licence Area - ALI CURUNG RA1

Community Radio Service Licence number: SL10110

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031206</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - AMATA RA1

Community Radio Service Licence number: SL10150

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA CD 010109</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - AURUKUN RA1

Community Radio Service Licence number: SL10182

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 010501</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - BARUNGA RA1
Community Radio Service Licence number: SL10111

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030701</td>
</tr>
</tbody>
</table>

**Note:**
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
**Licence Area - BATHURST ISLAND RA1**

**Community Radio Service Licence number:** SL10112

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030103</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - BESWICK RA1

Community Radio Service Licence number: SL10113

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030701</td>
</tr>
<tr>
<td>NT CD 030710</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - BULMAN RA1

Community Radio Service Licence number: SL10114

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030310</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
License Area - DAGURAGU RA1

Community Radio Service Licence number: SL10115

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030904</td>
</tr>
<tr>
<td>NT CD 030907</td>
</tr>
</tbody>
</table>

*Note:*

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - DOOMADGEE RA1

Community Radio Service Licence number: SL10189

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

<table>
<thead>
<tr>
<th>Area Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 020505</td>
<td></td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - ERNABELLA RA1

Community Radio Service Licence number: SL10152

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA CD 010110</td>
</tr>
</tbody>
</table>

*Note:*

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - FINKE RA1

Community Radio Service Licence number: SL10116

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030201</td>
</tr>
<tr>
<td>NT CD 030206</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - FREGON RA1

Community Radio Service Licence number: SL10153

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA CD 010108</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
**Licence Area - GALIWINKU RA1**

**Community Radio Service Licence number:** SL10117

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030401</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - GUNUNA RA1
Community Radio Service Licence number: SL10190

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mornington (S)</td>
</tr>
<tr>
<td>(LGA)</td>
</tr>
</tbody>
</table>

**Note:**
Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area
(S) = Shire
Licence Area - HERMANNSBURG RA1

Community Radio Service Licence number: SL10118

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031113</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Attachment 20.1

Licence Area - HOPE VALE RA1

Community Radio Service Licence number: SL10191

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 010707</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - IMANPA RA1

Community Radio Service Licence number: SL10119

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031402</td>
</tr>
<tr>
<td>NT CD 031403</td>
</tr>
<tr>
<td>NT CD 031404</td>
</tr>
<tr>
<td>NT CD 031405</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - INDULKANA RA1

Community Radio Service Licence number: SL10154

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA CD 010118</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - KINTORE RA1

Community Radio Service Licence number: SL10120

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031107</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - KOWANYAMA RA1

Community Radio Service Licence number: SL10193

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 020206</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - LAJAMANU RA1

Community Radio Service Licence number: SL10121

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030905</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - LOCKHART RIVER RA1

Community Radio Service Licence number: SL10195

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 010601</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - MANINGRIDA RA1

Community Radio Service Licence number: SL10122

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030308</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - MILIKAPITI RA1

Community Radio Service Licence number: SL10123

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030105</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - MILINGIMBI RA1
Community Radio Service Licence number: SL10124

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030409</td>
</tr>
<tr>
<td>NT CD 030425</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD)  = Collection District
Licence Area - MINJILANG RA1

Community Radio Service Licence number: SL10125

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030303</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - NGUKURR RA1

Community Radio Service Licence number: SL10126

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030601</td>
</tr>
</tbody>
</table>

**Note:**
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - NTURIYA RA1

Community Radio Service Licence number: SL10127

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031111</td>
</tr>
<tr>
<td>NT CD 031120</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - NUMBULWAR RA1

Community Radio Service Licence number: SL10128

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030403</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - OENPELLI RA1

Community Radio Service Licence number: SL10129

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030306</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
**Licence Area - PALUMPA RA1**

**Community Radio Service Licence number: SL10130**

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nauiyu Nambiyu (CGC)</td>
</tr>
<tr>
<td>(LGA)</td>
</tr>
<tr>
<td>Thamarrurr (CGC) (LGA)</td>
</tr>
<tr>
<td>NT CD 030804</td>
</tr>
<tr>
<td>NT CD 030806</td>
</tr>
<tr>
<td>NT CD 030808</td>
</tr>
<tr>
<td>NT CD 030810</td>
</tr>
<tr>
<td>NT CD 030812</td>
</tr>
<tr>
<td>NT CD 030813</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District  
(CGC) = Community Government Council  
(LGA) = Local Government Area
**Licence Area - PAPUNYA RA1**

**Community Radio Service Licence number: SL10131**

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031104</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - PEPPIMENARTI RA1

Community Radio Service Licence number: SL10132

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030806</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
 Licence Area - PMARA JUTUNTA RA1
Community Radio Service Licence number: SL10133
The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

<table>
<thead>
<tr>
<th>Area Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031111</td>
<td></td>
</tr>
<tr>
<td>NT CD 031120</td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - PORMPURAAM RA1

Community Radio Service Licence number: SL10199

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 020202</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - PULARUMP RA1

Community Radio Service Licence number: SL10134

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030102</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Attachment 41.1

License Area - RAMINGINING RA1

Community Radio Service Licence number: SL10135

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030404</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - UMBAKUMBA RA1

Community Radio Service Licence number: SL10137

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030503</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
**Licence Area - WADEYE RA1**

**Community Radio Service Licence number:** SL10138

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030803</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - WARRUWI RA1
Community Radio Service Licence number: SL10139
The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 030305</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:
(CD) = Collection District
Licence Area - WILLOWRA RA1

Community Radio Service Licence number: SL10140

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031109</td>
</tr>
<tr>
<td>NT CD 031121</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
**Licence Area - WUJAL WUJAL RA1**

**Community Radio Service Licence number:** SL10207

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wujal Wujal (S)</td>
</tr>
<tr>
<td>(LGA)</td>
</tr>
<tr>
<td>QLD CD 010712</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

- (CD) = Collection District
- (LGA) = Local Government Area
- (S) = Shire
LICENCE AREA PLAN: Remote Central and Eastern Australia Radio

Category: Community
General Area Served: Wujal Wujal (QLD)
Service Licence Number: SL10207

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS1096001

Transmitter Site:
Nominal location: Telstra Site off Cape Tribulation Rd 1km SE of WUJAL WUJAL

Australian Map Grid:
Reference: Zone Easting Northing 55 320688 8235633
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2017

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.9 MHz
Polarisation: Mixed
Maximum antenna height: 25 m

Output Radiation Pattern:

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Maximum ERP</th>
</tr>
</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>50 W</td>
</tr>
</tbody>
</table>
Licence Area - YUELAMU RA1

Community Radio Service Licence number: SL10142

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yuendumu (CGC)</td>
</tr>
<tr>
<td>(LGA)</td>
</tr>
<tr>
<td>NT CD 031103</td>
</tr>
<tr>
<td>NT CD 031119</td>
</tr>
<tr>
<td>NT CD 031125</td>
</tr>
<tr>
<td>NT CD 031130</td>
</tr>
<tr>
<td>NT CD 031134</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
(CG) = Community Government Council
(LGA) = Local Government Area
Licence Area - YUENDUMU RA1

Community Radio Service Licence number: SL10143

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT CD 031102</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
License Area - BORROLOOLA RA1

Community Radio Service Licence number: SL10149

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borroloola (CGC)</td>
</tr>
<tr>
<td>(LGA)</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CG) = Community Government Council
(LGA) = Local Government Area
Licence Area - WEIPA RA1

Community Radio Service Licence number: SL1150821

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 010401</td>
</tr>
<tr>
<td>QLD CD 010402</td>
</tr>
<tr>
<td>QLD CD 010403</td>
</tr>
<tr>
<td>QLD CD 010404</td>
</tr>
</tbody>
</table>

*Note:*

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - DUNEDOO RA1

Community Radio Service Licence number: SL1170568

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW CD 040604</td>
</tr>
<tr>
<td>NSW CD 040605</td>
</tr>
<tr>
<td>NSW CD 040606</td>
</tr>
<tr>
<td>NSW CD 040607</td>
</tr>
<tr>
<td>NSW CD 040701</td>
</tr>
<tr>
<td>NSW CD 040702</td>
</tr>
<tr>
<td>NSW CD 040704</td>
</tr>
<tr>
<td>NSW CD 040705</td>
</tr>
<tr>
<td>NSW CD 040707</td>
</tr>
<tr>
<td>NSW CD 040708</td>
</tr>
<tr>
<td>NSW CD 040810</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - COONABARABRAN RA1

Community Radio Service Licence number: SL1150830

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW CD 040801</td>
</tr>
<tr>
<td>NSW CD 040802</td>
</tr>
<tr>
<td>NSW CD 040803</td>
</tr>
<tr>
<td>NSW CD 040804</td>
</tr>
<tr>
<td>NSW CD 040805</td>
</tr>
<tr>
<td>NSW CD 040806</td>
</tr>
<tr>
<td>NSW CD 040809</td>
</tr>
<tr>
<td>NSW CD 040811</td>
</tr>
<tr>
<td>NSW CD 040905</td>
</tr>
<tr>
<td>NSW CD 040908</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:
(CD) = Collection District
Licence Area - COONAMBLE RA1

Community Radio Service Licence number: SL1150831

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW CD 040404</td>
</tr>
<tr>
<td>NSW CD 040405</td>
</tr>
<tr>
<td>NSW CD 040406</td>
</tr>
<tr>
<td>NSW CD 040407</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - GILGANDRA RA1

Community Radio Service Licence number: SL1150832

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW CD 031609</td>
</tr>
<tr>
<td>NSW CD 031610</td>
</tr>
<tr>
<td>NSW CD 031611</td>
</tr>
<tr>
<td>NSW CD 031612</td>
</tr>
<tr>
<td>NSW CD 031615</td>
</tr>
</tbody>
</table>

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
Licence Area - GIN GIN RA1

Community Radio Service Licence number: SL1130096

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

<table>
<thead>
<tr>
<th>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLD CD 071906</td>
</tr>
<tr>
<td>QLD CD 071910</td>
</tr>
</tbody>
</table>

Note:
Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District