1. Enabling legislation

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

2. Name of Instrument

This instrument is the *Variation to the Licence Area Plan for Moree Radio – No. 1 of 2009*.

3. Commencement

This instrument commences the day after it is registered.

*Note:* An instrument is registered when it is recorded on the Federal Register of Legislative Instruments (FRLI) in electronic form: see the Legislative Instruments Act 2003, s4 (definition of register). The FRLI may be accessed at [http://www.frli.gov.au](http://www.frli.gov.au)

4. Variation

The *Licence Area Plan for Moree Radio* determined by the Australian Broadcasting Authority on 9 July 1998 is varied as follows:

(a) in the heading on the first page – omit the words “July 1998”;

(b) number each of the paragraphs in the determination consecutively as clause (1), (2) and (3);

(c) in clause (2)

   i. omit the words “Ten national” and substitute the words “Eleven national”; and

   ii. omit the words “1.2 - 1.25” and substitute the words “1.2 to 1.26”;

(d) insert the following clause after clause (3):

   “(4) A reference in this determination to a schedule or an attachment includes a reference to a schedule or attachment as amended from time to time.”

(e) immediately following the determination:

   i. omit the heading “SCHEDULES”; and
ii. omit the words “each of the Schedules sets out:” and all eight paragraphs marked with dot points that follow;

(f) omit Schedule One and Schedule Two and substitute in the corresponding places the Schedules to this instrument;

(g) omit all the Attachments and substitute in numerical order the Attachments to this instrument having the same numbers; and

(h) insert Attachment 1.26 of this instrument after Attachment 1.25.

The Common Seal of the
Australian Communications and Media Authority
was affixed to this document
in the presence of:

__________________________ _______________________________
Signature of Member Signature of Member

__________________________ _______________________________
Name (Please Print) Name (Please Print)

Dated this _________ day of ___________ 2009.
Schedule One

Licence Area Plan : Moree Radio

Licence Area : MOREE RA1

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>National</td>
<td>100.7 MHz</td>
<td>N/A</td>
<td>TS10005033</td>
<td>1.2</td>
<td>Upper Namoi</td>
</tr>
<tr>
<td>National</td>
<td>99.9 MHz</td>
<td>N/A</td>
<td>TS10007938</td>
<td>1.3</td>
<td>Upper Namoi</td>
</tr>
<tr>
<td>National</td>
<td>99.1 MHz</td>
<td>N/A</td>
<td>TS2460001</td>
<td>1.4</td>
<td>Upper Namoi</td>
</tr>
<tr>
<td>National</td>
<td>96.7 MHz</td>
<td>N/A</td>
<td>TS10005037</td>
<td>1.5</td>
<td>Upper Namoi</td>
</tr>
<tr>
<td>National</td>
<td>94.3 MHz</td>
<td>N/A</td>
<td>TS5641001</td>
<td>1.6</td>
<td>Goondiwindi</td>
</tr>
<tr>
<td>National</td>
<td>92.7 MHz</td>
<td>N/A</td>
<td>TS10008152</td>
<td>1.7</td>
<td>Goondiwindi</td>
</tr>
<tr>
<td>National</td>
<td>92.1 MHz</td>
<td>N/A</td>
<td>TS10002952</td>
<td>1.8</td>
<td>Lightning Ridge</td>
</tr>
<tr>
<td>National</td>
<td>93.7 MHz</td>
<td>N/A</td>
<td>TS10002953</td>
<td>1.9</td>
<td>Lightning Ridge</td>
</tr>
<tr>
<td>National</td>
<td>107.5 MHz</td>
<td>N/A</td>
<td>TS10002955</td>
<td>1.10</td>
<td>Walgett</td>
</tr>
<tr>
<td>National</td>
<td>105.9 MHz</td>
<td>N/A</td>
<td>TS10002954</td>
<td>1.11</td>
<td>Walgett</td>
</tr>
<tr>
<td>National</td>
<td>101.5 MHz</td>
<td>N/A</td>
<td>TS1131968</td>
<td>1.26</td>
<td>Upper Namoi</td>
</tr>
<tr>
<td>Commercial</td>
<td>1530 kHz</td>
<td>SL4135</td>
<td>TS4135001</td>
<td>1.12</td>
<td>Moree</td>
</tr>
<tr>
<td>Commercial</td>
<td>103.5 MHz</td>
<td>SL4135</td>
<td>TS10005267</td>
<td>1.13</td>
<td>Collarenebri</td>
</tr>
<tr>
<td>Commercial</td>
<td>89.5 MHz</td>
<td>SL4135</td>
<td>TS10004883</td>
<td>1.14</td>
<td>Goondiwindi</td>
</tr>
<tr>
<td>Commercial</td>
<td>92.9 MHz</td>
<td>SL4135</td>
<td>TS10004887</td>
<td>1.15</td>
<td>Lightning Ridge</td>
</tr>
<tr>
<td>Commercial</td>
<td>106.7 MHz</td>
<td>SL4135</td>
<td>TS10004896</td>
<td>1.16</td>
<td>Walgett</td>
</tr>
<tr>
<td>Commercial</td>
<td>105.5 MHz</td>
<td>SL4135</td>
<td>TS10008306</td>
<td>1.17</td>
<td>Mungindi</td>
</tr>
<tr>
<td>Commercial</td>
<td>98.3 MHz</td>
<td>SL2994</td>
<td>TS2994001</td>
<td>1.18</td>
<td>Moree</td>
</tr>
<tr>
<td>Commercial</td>
<td>88.7 MHz</td>
<td>SL2994</td>
<td>TS2994002</td>
<td>1.19</td>
<td>Goondiwindi</td>
</tr>
<tr>
<td>Commercial</td>
<td>101.9 MHz</td>
<td>SL2994</td>
<td>TS10005268</td>
<td>1.20</td>
<td>Collarenebri</td>
</tr>
<tr>
<td>Commercial</td>
<td>91.3 MHz</td>
<td>SL2994</td>
<td>TS10004888</td>
<td>1.21</td>
<td>Lightning Ridge</td>
</tr>
<tr>
<td>Commercial</td>
<td>105.1 MHz</td>
<td>SL2994</td>
<td>TS10004897</td>
<td>1.22</td>
<td>Walgett</td>
</tr>
<tr>
<td>Commercial</td>
<td>107.1 MHz</td>
<td>SL2994</td>
<td>TS10008307</td>
<td>1.23</td>
<td>Mungindi</td>
</tr>
<tr>
<td>Open Narrowcasting</td>
<td>103.7 MHz</td>
<td>N/A</td>
<td>TS10008160</td>
<td>1.24</td>
<td>Moree</td>
</tr>
<tr>
<td>Open Narrowcasting</td>
<td>90.3 MHz</td>
<td>N/A</td>
<td>TS5685014</td>
<td>1.25</td>
<td>Goondiwindi</td>
</tr>
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</table>

Schedule Two

Licence Area Plan : Moree Radio

Licence Area : MOREE RA2

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>Community</td>
<td>104.5 MHz</td>
<td>SL1150102</td>
<td>TS10008161</td>
<td>2.2</td>
<td>Moree</td>
</tr>
</tbody>
</table>
Attachment 1.1

Licence Area - MOREE RA1

Commercial Radio Service Licence numbers: SL2994, SL4135

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>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goondiwindi (T) (LGA)</td>
<td>NSW CD 041210</td>
</tr>
<tr>
<td>Moree Plains (A) (LGA)</td>
<td>NSW CD 041211</td>
</tr>
<tr>
<td>NSW CD 040102</td>
<td>NSW CD 041212</td>
</tr>
<tr>
<td>NSW CD 040103</td>
<td>NSW CD 041301</td>
</tr>
<tr>
<td>NSW CD 040104</td>
<td>NSW CD 041302</td>
</tr>
<tr>
<td>NSW CD 040202</td>
<td>NSW CD 041303</td>
</tr>
<tr>
<td>NSW CD 040206</td>
<td>NSW CD 041304</td>
</tr>
<tr>
<td>NSW CD 040207</td>
<td>NSW CD 041305</td>
</tr>
<tr>
<td>NSW CD 040301</td>
<td>NSW CD 041306</td>
</tr>
<tr>
<td>NSW CD 040302</td>
<td>NSW CD 041307</td>
</tr>
<tr>
<td>NSW CD 040303</td>
<td>NSW CD 041308</td>
</tr>
<tr>
<td>NSW CD 040304</td>
<td>NSW CD 041901</td>
</tr>
<tr>
<td>NSW CD 040305</td>
<td>NSW CD 041902</td>
</tr>
<tr>
<td>NSW CD 040308</td>
<td>NSW CD 041903</td>
</tr>
<tr>
<td>NSW CD 040309</td>
<td>NSW CD 041904</td>
</tr>
<tr>
<td>NSW CD 041001</td>
<td>NSW CD 041905</td>
</tr>
<tr>
<td>NSW CD 041002</td>
<td>NSW CD 041906</td>
</tr>
<tr>
<td>NSW CD 041003</td>
<td>NSW CD 041909</td>
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<td>NSW CD 041004</td>
<td>NSW CD 041911</td>
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<tr>
<td>NSW CD 041005</td>
<td>NSW CD 041912</td>
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<tr>
<td>NSW CD 041006</td>
<td>NSW CD 041913</td>
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<tr>
<td>NSW CD 041007</td>
<td>NSW CD 041914</td>
</tr>
<tr>
<td>NSW CD 041008</td>
<td>NSW CD 042901</td>
</tr>
<tr>
<td>NSW CD 041101</td>
<td>NSW CD 042902</td>
</tr>
<tr>
<td>NSW CD 041102</td>
<td>NSW CD 042903</td>
</tr>
<tr>
<td>NSW CD 041201</td>
<td>NSW CD 042904</td>
</tr>
<tr>
<td>NSW CD 041202</td>
<td>NSW CD 042905</td>
</tr>
<tr>
<td>NSW CD 041203</td>
<td>NSW CD 042906</td>
</tr>
<tr>
<td>NSW CD 041204</td>
<td>NSW CD 042907</td>
</tr>
<tr>
<td>NSW CD 041205</td>
<td>NSW CD 042908</td>
</tr>
<tr>
<td>NSW CD 041206</td>
<td>NSW CD 042909</td>
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<td>NSW CD 041207</td>
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<td>NSW CD 041208</td>
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<td>NSW CD 041209</td>
<td>QLD CD 081804</td>
</tr>
<tr>
<td>Area Description</td>
<td>Area Description</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>QLD CD 081805</td>
<td>QLD CD 091109</td>
</tr>
<tr>
<td>QLD CD 091105</td>
<td>QLD CD 091110</td>
</tr>
</tbody>
</table>

**Note:**
Standard terminology used by the Australian Bureau of Statistics:

(LGA) = Local Government Area

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

(CD) = Collection District

(T) = Town
LICENCE AREA PLAN : Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005033

Transmitter Site :-
Nominal location : TV Tower MOUNT DOWE
Australian Map Grid : Zone Easting Northing Reference
56 227432 6646103
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 100.7 MHz
Polarisation : Mixed
Maximum antenna height : 122 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 - 100°T</td>
<td>200 kW</td>
</tr>
<tr>
<td>100°T - 255°T</td>
<td>50 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>200 kW</td>
</tr>
</tbody>
</table>
Attachment 1.3

**LICENCE AREA PLAN : Moree Radio**

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

**TECHNICAL SPECIFICATION - FM Radio**

Specification Number : TS10007938

**Transmitter Site :-**
Nominal location : TV Tower MOUNT DOWE
Australian Map Grid : Zone Easting Northing
Reference 56 227432 6646103
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2007

**Emission :-**
Frequency Band & Mode : VHF-FM
Carrier Frequency : 99.9 MHz
Polarisation : Mixed
Maximum antenna height : 122 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 - 100°T</td>
<td>200 kW</td>
</tr>
<tr>
<td>100°T - 255°T</td>
<td>50 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>200 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS2460001

Transmitter Site:
Nominal location: TV Tower MOUNT DOWE
Australian Map Grid: Zone Easting Northing
Reference: 56 227432 6646103
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 99.1 MHz
Polarisation: Mixed
Maximum antenna height: 122 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 - 100°T</td>
<td>200 kW</td>
</tr>
<tr>
<td>100°T - 255°T</td>
<td>50 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>200 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005037

Transmitter Site :-
Nominal location : TV Tower MOUNT DOWE
Australian Map Grid : Zone  Easting  Northing
Reference  56  227432  6646103
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 96.7 MHz
Polarisation : Mixed
Maximum antenna height : 122 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 - 100°T</td>
<td>200 kW</td>
</tr>
<tr>
<td>100°T - 255°T</td>
<td>50 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>200 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS5641001

Transmitter Site :-
Nominal location : Broadcast Site 5 km NE of GOONDIWINDI

Australian Map Grid : Zone Easting Northing
Reference 56 239400 6842200

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 94.3 MHz
Polarisation Mixed
Maximum antenna height 47 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: Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10008152

Transmitter Site: 
Nominal location: Broadcast Site 5 km NE of GOONDIWINDI
Australian Map Grid: Zone 56 Easting 239400 Northing 6842200
Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission: 
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.7 MHz
Polarisation: Mixed
Maximum antenna height: 47 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>

acma | 13
LICENCE AREA PLAN : Moree Radio
Category : National
General Area Served : Lightning Ridge (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10002952

Transmitter Site :-
Nominal location : Broadcast/Telstra Site Woolooroo 2km N of LIGHTNING RIDGE
Australian Map Grid : Zone Easting Northing
Reference 55 594594 6746675
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 92.1 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>50 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : National
General Area Served : Lightning Ridge (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10002953

Transmitter Site :-
Nominal location : Broadcast/Telstra Site Wooloroo 2km N of LIGHTNING RIDGE
Australian Map Grid : Zone Easting Northing
Reference 55 594594 6746675
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 93.7 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>
LICENCE AREA PLAN : Moree Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002955

Transmitter Site :-
Nominal location : Broadcast Site 2.5 km NE of WALGETT
Australian Map Grid : Zone Easting Northing
Reference : 55 609302 6679721
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

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>At all angles of azimuth</td>
<td>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Moree Radio

Category: National

General Area Served: Walgett (NSW)

Service Licence Number: Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10002954

Transmitter Site: -

Nominal location: Broadcast Site 2.5 km NE of WALGETT

Australian Map Grid: Zone Easting Northing
Reference 55 609302 6679721

Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission: -

Frequency Band & Mode: VHF-FM

Carrier Frequency: 105.9 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>200 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

Category : Commercial
General Area Served : Moree (NSW)
Service Licence Number : SL4135

TECHNICAL SPECIFICATION - AM Radio
Specification Number : TS4135001

Transmitter Site :-
Nominal location : Broadcast Site Gwydir Hwy 5 km East of MOREE
Australian Map Grid : Zone 55 Easting 780277 Northing 6734724
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : MF-AM
Carrier Frequency : 1530 kHz

Output Radiation Pattern :-

<table>
<thead>
<tr>
<th>Bearing or Sector (Clockwise direction)</th>
<th>Elevation</th>
<th>Maximum CMF</th>
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</thead>
<tbody>
<tr>
<td>At all angles of azimuth</td>
<td>0</td>
<td>440 V</td>
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</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : Commercial
General Area Served : Collarenebri (NSW)
Service Licence Number : SL4135

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10005267

Transmitter Site :-
Nominal location : Collarenebri Trig & Broadcast Site
                  COLLARENEBRI

Australian Map Grid : Zone   Easting   Northing
Reference          55        649498    6727645

Site Tolerance : Refer to Broadcasting Services
                 (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 103.5 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

Category : Commercial
General Area Served : Goondiwindi (NSW)
Service Licence Number : SL4135

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004883

Transmitter Site :-
Nominal location : Broadcast Site Boggabilla 5 km South of GOONDIWINDI

Australian Map Grid : Zone 56  Easting 240800  Northing 6834400

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 89.5 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>0°T - 10°T</td>
<td>600 W</td>
</tr>
<tr>
<td>10°T - 70°T</td>
<td>60 W</td>
</tr>
<tr>
<td>70°T - 170°T</td>
<td>600 W</td>
</tr>
<tr>
<td>170°T - 270°T</td>
<td>60 W</td>
</tr>
<tr>
<td>270°T - 360°T</td>
<td>600 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Moree Radio

Category: Commercial

General Area Served: Lightning Ridge (NSW)

Service Licence Number: SL4135

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10004887

Transmitter Site:
Nominal location: Broadcast Site Wooloroo 2km N of LIGHTNING RIDGE

Australian Map Grid:
Reference: Zone 55 Easting 594138 Northing 6746597

Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 92.9 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Moree Radio

Category: Commercial

General Area Served: Walgett (NSW)

Service Licence Number: SL4135

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10004896

Transmitter Site:
Nominal location: Broadcast Site 2.5 km NE of WALGETT

Australian Map Grid: Zone Easting Northing
Reference 55 609302 6679721

Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 106.7 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : Commercial
General Area Served : Mungindi (NSW)
Service Licence Number : SL4135

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10008306

Transmitter Site :-
Nominal location : Broadcast Site 3km SE of MUNGINDI
Australian Map Grid : Zone Easting Northing
Reference 55 696308 6790898
Site Tolerance : Refer to Broadcasting Services
(technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 105.5 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

Category : Commercial
General Area Served : Moree (NSW)
Service Licence Number : SL2994

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS2994001

Transmitter Site :-
Nominal location : TV Tower MOUNT DOWE

Australian Map Grid : Zone Easting Northing
Reference 56 227432 6646103

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 98.3 MHz
Polarisation Vertical
Maximum antenna height 90 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>100 kW</td>
</tr>
<tr>
<td>30°T - 50°T</td>
<td>30 kW</td>
</tr>
<tr>
<td>50°T - 150°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>150°T - 190°T</td>
<td>500 W</td>
</tr>
<tr>
<td>190°T - 235°T</td>
<td>3 kW</td>
</tr>
<tr>
<td>235°T - 255°T</td>
<td>30 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>100 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

Category : Commercial
General Area Served : Goondiwindi (NSW)
Service Licence Number : SL2994

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS2994002

Transmitter Site :-
Nominal location : Broadcast Site Boggabilla 5 km South of GOONDIWINDI
Australian Map Grid : Zone 56  Easting 240800  Northing 6834400
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 88.7 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>0°T - 10°T</td>
<td>600 W</td>
</tr>
<tr>
<td>10°T - 70°T</td>
<td>60 W</td>
</tr>
<tr>
<td>70°T - 170°T</td>
<td>600 W</td>
</tr>
<tr>
<td>170°T - 270°T</td>
<td>60 W</td>
</tr>
<tr>
<td>270°T - 360°T</td>
<td>600 W</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio

Category : Commercial
General Area Served : Collarenebri (NSW)
Service Licence Number : SL2994

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10005268

Transmitter Site :-
Nominal location : Collarenebri Trig & Broadcast Site
COLLARENEBRI
Australian Map Grid : Zone   Easting   Northing
Reference 55  649498  6727645
Site Tolerance : Refer to Broadcasting Services
(Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode  VHF-FM
Carrier Frequency : 101.9 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : Commercial
General Area Served : Lightning Ridge (NSW)
Service Licence Number : SL2994

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10004888

Transmitter Site :-
Nominal location : Broadcast Site Wooloroo 2km N of LIGHTNING RIDGE
Australian Map Grid : Zone 55  Easting 594138  Northing 6746597
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode : VHF-FM
Carrier Frequency : 91.3 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : Commercial
General Area Served : Walgett (NSW)
Service Licence Number : SL2994

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10004897

Transmitter Site :-
Nominal location : Broadcast Site 2.5 km NE of WALGETT
Australian Map Grid : Zone Easting Northing
Reference 55 609302 6679721
Site Tolerance :
Refer to Broadcasting Services
(Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 105.1 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN: Moree Radio

Category: Commercial

General Area Served: Mungindi (NSW)

Service Licence Number: SL2994

TECHNICAL SPECIFICATION - FM Radio

Specification Number: TS10008307

Transmitter Site:
Nominal location: Broadcast Site 3km SE of MUNGINDI

Australian Map Grid: Zone Easting Northing
Reference: 55 696308 6790898

Site Tolerance: Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission:
Frequency Band & Mode: VHF-FM
Carrier Frequency: 107.1 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>1 kW</td>
</tr>
</tbody>
</table>
LICENCE AREA PLAN : Moree Radio
Category : Open Narrowcasting
General Area Served : Moree (NSW)
Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio
Specification Number : TS10008160

Transmitter Site :-
Nominal location : Broadcast Site cnr Balo & Albert Sts MOREE
Australian Map Grid : Zone Easting Northing
Reference 55 775550 6736950
Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 103.7 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>1 kW</td>
</tr>
</tbody>
</table>

Special Conditions :-
The 'coverage radius' of this transmission is 20 kilometres from a point with the following AMG co-ordinates: Zone: 55; Easting: 775550; Northing: 6736950. This is the same as the nominal transmitter site.
LICENCE AREA PLAN : Moree Radio

Category : Open Narrowcasting

General Area Served : Goondiwindi (QLD)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS5685014

Transmitter Site :-

Nominal location : Broadcast Site 5 km NE of GOONDIWINDI

Australian Map Grid : Zone Easting Northing
Reference 56 239400 6842200

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-

Frequency Band & Mode : VHF-FM

Carrier Frequency : 90.3 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>160 W</td>
</tr>
</tbody>
</table>

Special Conditions :-

The 'coverage radius' of this transmission is 15 kilometres measured from a point with the following AMG co-ordinates: Zone: 56; Easting: 239400; Northing: 6842200. This point is the same as the transmitter site.
LICENCE AREA PLAN : Moree Radio

Category : National

General Area Served : Upper Namoi (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1131968

**Transmitter Site :-**

Nominal location : TV Tower MOUNT DOWE

Australian Map Grid : Zone Easting Northing

Reference  56  227432  6646103

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

**Emission :-**

Frequency Band & Mode : VHF-FM

Carrier Frequency : 101.5 MHz

Polarisation : Mixed

Maximum antenna height : 122 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 - 100°T</td>
<td>20 kW</td>
</tr>
<tr>
<td>100°T - 255°T</td>
<td>5 kW</td>
</tr>
<tr>
<td>255°T - 360°T</td>
<td>20 kW</td>
</tr>
</tbody>
</table>
**Licence Area - MOREE RA2**

**Community Radio Service Licence numbers:** SL1150102

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>Area Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSW CD 041403</td>
<td>NSW CD 041806</td>
</tr>
<tr>
<td>NSW CD 041406</td>
<td>NSW CD 041807</td>
</tr>
<tr>
<td>NSW CD 041505</td>
<td>NSW CD 041808</td>
</tr>
<tr>
<td>NSW CD 041601</td>
<td>NSW CD 041809</td>
</tr>
<tr>
<td>NSW CD 041604</td>
<td>NSW CD 041810</td>
</tr>
<tr>
<td>NSW CD 041605</td>
<td>NSW CD 041811</td>
</tr>
<tr>
<td>NSW CD 041608</td>
<td>NSW CD 042801</td>
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<tr>
<td>NSW CD 041609</td>
<td>NSW CD 042802</td>
</tr>
<tr>
<td>NSW CD 041801</td>
<td>NSW CD 042803</td>
</tr>
<tr>
<td>NSW CD 041802</td>
<td>NSW CD 042804</td>
</tr>
<tr>
<td>NSW CD 041803</td>
<td>NSW CD 042805</td>
</tr>
<tr>
<td>NSW CD 041804</td>
<td>NSW CD 042806</td>
</tr>
<tr>
<td>NSW CD 041805</td>
<td>NSW CD 042807</td>
</tr>
</tbody>
</table>

**Note:**

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District
LICENCE AREA PLAN : Moree Radio

Category : Community
General Area Served : Moree (NSW)
Service Licence Number : SL1150102

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10008161

Transmitter Site :-
Nominal location : Broadcast Site cnr Balo & Albert Sts MOREE

Australian Map Grid : Zone Easting Northing
Reference 55 775550 6736950

Site Tolerance : Refer to Broadcasting Services (Technical Planning) Guidelines 2007

Emission :-
Frequency Band & Mode VHF-FM
Carrier Frequency : 104.5 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>1 kW</td>
</tr>
</tbody>
</table>