



Variation to Licence Area Plan – Central Western Slopes Radio – 2016 (No.1)

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

Date 28 June 2016

Richard Bean
[signed]
Member

Brendan Byrne
[signed]
~~Member~~/General Manager

1. Name of Instrument

This instrument is the *Variation to Licence Area Plan – Central Western Slopes Radio – 2016 (No. 1)*.

2. Commencement

This instrument commences on the day after it is registered.

Note: An instrument is registered when it is recorded on the Federal Register of Legislation (FRL) in electronic form: see the Legislation Act 2003, s4 (definition of register). The FRL may be accessed at <http://www.legislation.gov.au>.

3. Variation

The *Licence Area Plan – Central Western Slopes (Radio) – June 1997* (F2005B00591) determined by the Australian Broadcasting Authority on 2 June 1997, is varied as follows:

- (a) rename the instrument as the “Licence Area Plan – Central Western Slopes Radio”;
- (b) amend the heading on the title page so that it reads “Licence Area Plan – Central Western Slopes Radio”;
- (c) on the first page of the instrument:
 - (i) amend the heading so that it reads “Licence Area Plan – Central Western Slopes Radio”;
 - (ii) number the five paragraphs as clauses (1), (2), (3), (4) and (5) consecutively; and
 - (iii) omit clauses (1) – (5) and substitute the following clauses:
 - “(1) This plan for broadcasting services in the Central Western Slopes area of New South Wales is made under subsection 26(1) of the *Broadcasting Services Act 1992*.”
 - (2) Ten national radio broadcasting services, three commercial radio broadcasting services and one open narrowcasting radio service are to be available in the area described at Attachment 1.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the services that are to be available in the area described at Attachment 1.1 are set out in Schedule One and Attachments 1.2 – 1.22 to this plan.
 - (3) One community radio broadcasting service is to be available in the area described at Attachment 2.1 to this plan with the use of the broadcasting services bands. The characteristics, including technical specifications, of the service that is to be available in the area described at Attachment 2.1 are set out in Schedule Two and Attachment 2.2 to this plan.
 - (4) Two national radio broadcasting services, one community radio broadcasting service and one open narrowcasting service are to be available in the area described at Attachment 3.1 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 3.1 are set out in Schedule Three and Attachments 3.2 – 3.5 to this plan.

- (5) One community radio broadcasting service is to be available in the 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 Attachment 4.2 to this plan.
- (6) A reference in this plan to a schedule or an attachment includes reference to that schedule or attachment as amended from time to time.”;

- (d) immediately before Schedule One omit the heading “SCHEDULES”;
- (e) omit all Schedules and substitute all Schedules of this instrument; and
- (f) omit all Attachments and substitute all Attachments of this instrument.

Schedule One

Licence Area Plan : Central Western Slopes Radio

Licence Area : DUBBO RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attach ment No	Area Served
National	102.3 MHz	N/A	TS10001860	1.2	Central Western Slopes
National	105.5 MHz	N/A	TS10001859	1.3	Central Western Slopes
National	107.1 MHz	N/A	TS10001857	1.4	Central Western Slopes
National	107.9 MHz	N/A	TS10001856	1.5	Central Western Slopes
National	106.3 MHz	N/A	TS10001858	1.6	Central Western Slopes
National	95.9 MHz	N/A	TS10013635	1.7	Dubbo (City)
National	96.7 MHz	N/A	TS10013970	1.8	Dubbo (City)
National	97.5 MHz	N/A	TS10013971	1.9	Dubbo (City)
National	98.3 MHz	N/A	TS10013972	1.10	Dubbo (City)
National	99.1 MHz	N/A	TS10014097	1.11	Dubbo (City)
Commercial	1251 kHz	SL10249	TS10004229	1.12	Dubbo
	972 kHz	SL10249	TS10004319	1.13	Cobar
Commercial	92.7 MHz	SL10054	TS10002060	1.14	Dubbo
	103.7 MHz	SL10054	TS10003553	1.15	Cobar
	91.1 MHz	SL10054	TS1130143	1.16	Dubbo (City)

	89.5 MHz	SL10054	TS1130160	1.17	Wellington
Commercial	93.5 MHz	SL10053	TS10002059	1.18	Dubbo
	102.1 MHz	SL10053	TS10003552	1.19	Cobar
	101.3 MHz	SL10053	TS1137740	1.20	Gilgandra
	94.9 MHz	SL10053	TS1137741	1.21	Narromine
Open Narrowcasting	90.3 MHz	N/A	TS10004645	1.22	Dubbo (City)

Schedule Two

Licence Area Plan : Central Western Slopes Radio

Licence Area : DUBBO RA2

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attachment No	Area Served
Community	94.3 MHz	SL10052	TS10002055	2.2	Dubbo

Schedule Three

Licence Area Plan : Central Western Slopes Radio

Licence Area : COBAR RA2

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attachment No	Area Served
National	106.1 MHz	N/A	TS10003524	3.2	Cobar
National	107.7 MHz	N/A	TS10003542	3.3	Cobar
Community	102.9 MHz	SL10231	TS10003562	3.4	Cobar
Open Narrowcasting	104.5 MHz	N/A	TS10007047	3.5	Cobar

Schedule Four

Licence Area Plan : Central Western Slopes Radio

Licence Area : WELLINGTON NSW RA1

Service Category	Channel/ Frequency	Service Licence No	Transmitter Specification No	Attachment No	Area Served
Community	91.5 MHz	SL1130299	TS1137757	4.2	Wellington

Licence Area - DUBBO RA1**Licence Area ID - 366****Commercial Radio Service Licence numbers: SL10053, SL10054, SL10249**

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

Area Description	Area Description
Dubbo (C) (LGA)	NSW CD 031612
Narromine (A) (LGA)	NSW CD 031615
NSW CD 021107	NSW CD 032202
NSW CD 021201	NSW CD 032203
NSW CD 021203	NSW CD 032204
NSW CD 021204	NSW CD 032205
NSW CD 021205	NSW CD 032206
NSW CD 021206	NSW CD 032207
NSW CD 021207	NSW CD 032208
NSW CD 021208	NSW CD 032209
NSW CD 021209	NSW CD 032210
NSW CD 031107	NSW CD 032211
NSW CD 031108	NSW CD 032214
NSW CD 031401	NSW CD 032215
NSW CD 031502	NSW CD 032301
NSW CD 031503	NSW CD 032302
NSW CD 031504	NSW CD 032303
NSW CD 031505	NSW CD 032304
NSW CD 031506	NSW CD 032305
NSW CD 031507	NSW CD 032306
NSW CD 031601	NSW CD 032307
NSW CD 031603	NSW CD 032308
NSW CD 031605	NSW CD 032309
NSW CD 031606	NSW CD 032310
NSW CD 031607	NSW CD 140102
NSW CD 031608	NSW CD 140103
NSW CD 031609	NSW CD 140105
NSW CD 031610	NSW CD 140106
NSW CD 031611	

Note:

Standard terminology used by the Australian Bureau of Statistics:

(C) = City

(LGA) = Local Government Area

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

(CD) = Collection District

LICENCE AREA PLAN : Central Western Slopes Radio

Category : National
 General Area Served : Central Western Slopes (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001860

Transmitter Site :-

Nominal location : Broadcast Australia Site Mt Cenn Cruaich
 Access Rd MT CENN CRUAICH

Australian Map Grid : Zone Easting Northing
 Reference 55 692363 6530470

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 102.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 114 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 170°T	100 kW
170°T - 250°T	220 kW
250°T - 360°T	100 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : National
 General Area Served : Central Western Slopes (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001859

Transmitter Site :-

Nominal location : Broadcast Australia Site Mt Cenn Cruaich
 Access Rd MT CENN CRUAICH

Australian Map Grid : Zone Easting Northing
 Reference 55 692363 6530470

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 : 114 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 170°T	100 kW
170°T - 250°T	220 kW
250°T - 360°T	100 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : National
 General Area Served : Central Western Slopes (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001857

Transmitter Site :-

Nominal location : Broadcast Australia Site Mt Cenn Cruaich
 Access Rd MT CENN CRUAICH

Australian Map Grid : Zone Easting Northing
 Reference 55 692363 6530470

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 : 114 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 170°T	100 kW
170°T - 250°T	220 kW
250°T - 360°T	100 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : National
 General Area Served : Central Western Slopes (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001856

Transmitter Site :-

Nominal location : Broadcast Australia Site Mt Cenn Cruaich
 Access Rd MT CENN CRUAICH

Australian Map Grid : Zone Easting Northing
 Reference 55 692363 6530470

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 114 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 170°T	100 kW
170°T - 250°T	220 kW
250°T - 360°T	100 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : National
 General Area Served : Central Western Slopes (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10001858

Transmitter Site :-

Nominal location : Broadcast Australia Site Mt Cenn Cruaich
 Access Rd MT CENN CRUAICH

Australian Map Grid : Zone Easting Northing
 Reference 55 692363 6530470

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 106.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 114 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 170°T	100 kW
170°T - 250°T	220 kW
250°T - 360°T	100 kW

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013635

Transmitter Site :-

Nominal location : Broadcast Site Mugga Hill DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 657963 6431912
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 95.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013970

Transmitter Site :-

Nominal location : Broadcast Site Mugga Hill DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 657963 6431912
 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 : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

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 74 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013971

Transmitter Site :-

Nominal location : Broadcast Site Mugga Hill DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 657963 6431912
 Site Tolerance : Refer to *Broadcasting Services*
 (Technical Planning) Guidelines 2007

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 97.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10013972

Transmitter Site :-

Nominal location : Broadcast Site Mugga Hill DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 657963 6431912
 Site Tolerance : Refer to *Broadcasting Services*
 (Technical Planning) Guidelines 2007

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 98.3 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10014097

Transmitter Site :-

Nominal location : Broadcast Site Mugga Hill DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 657963 6431912
 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 : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

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 74 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Dubbo (NSW)
 Service Licence Number : SL10249

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10004229

Transmitter Site :-

Nominal location : 2DU AM Site Railway Lane
 EULOMOGO

Australian Map Grid : Zone Easting Northing
 Reference 55 657622 6428098

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

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 1251 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)		Elevation	Maximum CMF
At all angles of azimuth	0		605 V

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Cobar (NSW)
 Service Licence Number : SL10249

TECHNICAL SPECIFICATION - AM Radio

Specification Number : TS10004319

Transmitter Site :-

Nominal location : 2DU AM Site off Kidman Way 2km S of COBAR

Australian Map Grid : Zone Easting Northing
 Reference 55 389487 6512539

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

Emission :-

Frequency Band & Mode : MF-AM
 Carrier Frequency : 972 kHz

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)		Elevation	Maximum CMF
At all angles of azimuth	0		175 V

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Dubbo (NSW)
 Service Licence Number : SL10054

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002060

Transmitter Site :-

Nominal location : Sappa Bulga Trig off Newell Hwy
 YARRABA

Australian Map Grid : Zone Easting Northing
 Reference 55 629880 6420321

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 : 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	10 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Cobar (NSW)
 Service Licence Number : SL10054

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003553

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR
 Australian Map Grid : Zone Easting Northing
 Reference 55 391260 6512330
 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 :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Dubbo (City) (NSW)
 Service Licence Number : SL10054

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1130143

Transmitter Site :-

Nominal location : Radio 2DU Studios 33 Carrington Av
 DUBBO

Australian Map Grid : Zone Easting Northing
 Reference 55 651076 6430965

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 91.1 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Wellington (NSW)
 Service Licence Number : SL10054

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1130160

Transmitter Site :-

Nominal location : Council Site Hospital Hill off Maxwell
 Street WELLINGTON

Australian Map Grid : Zone Easting Northing
 Reference 55 684022 6395738

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 : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Dubbo (NSW)
 Service Licence Number : SL10053

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002059

Transmitter Site :-

Nominal location : Sappa Bulga Trig off Newell Hwy
 YARRABA

Australian Map Grid : Zone Easting Northing
 Reference 55 629880 6420321

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 93.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	10 kW

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Cobar (NSW)
 Service Licence Number : SL10053

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003552

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR
 Australian Map Grid : Zone Easting Northing
 Reference 55 391260 6512330
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

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

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Gilgandra (NSW)
 Service Licence Number : SL10053

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137740

Transmitter Site :-

Nominal location : Water Tower Warren Rd GILGANDRA
 Australian Map Grid : Zone Easting Northing
 Reference 55 656000 6490300
 Site Tolerance : Refer to *Broadcasting Services*
 (Technical Planning) Guidelines 2007

Emission :-

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

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	10 W

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

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.

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Commercial
 General Area Served : Narromine (NSW)
 Service Licence Number : SL10053

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137741

Transmitter Site :-

Nominal location : Water Reservoir Cnr Nymagee and Temoin Streets NARROMINE

Australian Map Grid : Zone Easting Northing
 Reference 55 616983 6432911

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 94.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	10 W

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.

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.

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Open Narrowcasting
 General Area Served : Dubbo (City) (NSW)
 Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10004645

Transmitter Site :-

Nominal location : Nominal Planning Site DUBBO
 Australian Map Grid : Zone Easting Northing
 Reference 55 651500 6430000
 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 : 30 m

Output Radiation Pattern :-

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

Special Condition :-

The coverage area of this service is a circle with a radius of 20 kilometres measured from a point with the following AMG co-ordinates: Zone 55, Easting 651500, Northing 6430000.

Licence Area - DUBBO RA2**Licence Area ID - 720****Community Radio Service Licence number: SL10052**

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

Area Description	Area Description
Dubbo (C) (LGA)	NSW CD 032214
Narromine (A) (LGA)	NSW CD 032215
NSW CD 031107	NSW CD 032301
NSW CD 031108	NSW CD 032302
NSW CD 031401	NSW CD 032303
NSW CD 031502	NSW CD 032304
NSW CD 031503	NSW CD 032305
NSW CD 031504	NSW CD 032306
NSW CD 031505	NSW CD 032307
NSW CD 031506	NSW CD 032308
NSW CD 031507	NSW CD 032309
NSW CD 031601	NSW CD 032310
NSW CD 031603	NSW CD 040503
NSW CD 031605	NSW CD 140102
NSW CD 031606	NSW CD 140103
NSW CD 031607	NSW CD 140105
NSW CD 031608	NSW CD 140106
NSW CD 031609	
NSW CD 031610	
NSW CD 031611	
NSW CD 031612	
NSW CD 031615	
NSW CD 032202	
NSW CD 032203	
NSW CD 032204	
NSW CD 032205	
NSW CD 032206	
NSW CD 032207	
NSW CD 032208	
NSW CD 032209	
NSW CD 032210	
NSW CD 032211	

Note:

Standard terminology used by the Australian Bureau of Statistics:

(C) = City

(LGA) = Local Government Area

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

(CD) = Collection District

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Community
 General Area Served : Dubbo (NSW)
 Service Licence Number : SL10052

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10002055

Transmitter Site :-

Nominal location : Sappa Bulga Trig off Newell Hwy
 YARRABA

Australian Map Grid : Zone Easting Northing
 Reference 55 629880 6420321

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 : 30 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	10 kW

Licence Area - COBAR RA2**Licence Area ID - 510****Community Radio Service Licence number: SL10231**

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

Area Description

NSW CD 021107

NSW CD 021201

NSW CD 021203

NSW CD 021204

NSW CD 021205

NSW CD 021206

NSW CD 021207

NSW CD 021208

NSW CD 021209

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003524

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR
 Australian Map Grid : Zone Easting Northing
 Reference 55 391260 6512330
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 106.1 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

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

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003542

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR
 Australian Map Grid : Zone Easting Northing
 Reference 55 391260 6512330
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 107.7 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Community
 General Area Served : Cobar (NSW)
 Service Licence Number : SL10231

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10003562

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR
 Australian Map Grid : Zone Easting Northing
 Reference 55 391260 6512330
 Site Tolerance : Refer to *Broadcasting Services
 (Technical Planning) Guidelines 2007*

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 102.9 MHz
 Polarisation : Mixed
 Maximum antenna height : 30 m

Output Radiation Pattern :-

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

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Open Narrowcasting

General Area Served : Cobar (NSW)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS10007047

Transmitter Site :-

Nominal location : Fort Bourke Hill COBAR

Australian Map Grid :	Zone	Easting	Northing
Reference	55	391260	6512330

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 :-

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

Special Condition :-

The coverage area of this service is a circle with a radius of 20 kilometres measured from a point with the following AMG co-ordinates: Zone 55, Easting 391260, Northing 6512330.

Licence Area - WELLINGTON NSW RA1**Licence Area ID - 1366****Community Radio Service Licence number: SL1130299**

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 8 August 2006, is:

Area Description

NSW CD 032202

NSW CD 032203

NSW CD 032204

NSW CD 032205

NSW CD 032206

NSW CD 032207

NSW CD 032208

NSW CD 032215

NSW CD 032301

NSW CD 032302

NSW CD 032303

NSW CD 032304

NSW CD 032305

NSW CD 032306

NSW CD 032307

NSW CD 032308

NSW CD 032309

NSW CD 032310

Note:

Standard terminology used by the Australian Bureau of Statistics:

(CD) = Collection District

LICENCE AREA PLAN : Central Western Slopes Radio

Category : Community
 General Area Served : Wellington (NSW)
 Service Licence Number : SL1130299

TECHNICAL SPECIFICATION - FM Radio

Specification Number : TS1137757

Transmitter Site :-

Nominal location : Community Mast Mt Wellesley off
 Bushranger Ck Rd WELLINGTON

Australian Map Grid : Zone Easting Northing
 Reference 55 678416 6395348

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

Emission :-

Frequency Band & Mode : VHF-FM
 Carrier Frequency : 91.5 MHz
 Polarisation : Mixed
 Maximum antenna height : 25 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
At all angles of azimuth	1 kW

Note :-

Any transmission in accordance with this specification is planned on the basis that it will be protected to a minimum median field strength level of 66 dBuV/m against interference from other broadcasting services.