Radiocommunications (Digital Radio Channels — NSW/ACT) Plan Variation 2008 (No. 1)[1]

Radiocommunications Act 1992

The AUSTRALIAN COMMUNICATIONS AND MEDIA AUTHORITY makes this Plan Variation under subsection 44A (6) of the *Radiocommunications Act 1992*.

Dated *18th December* 2008

Chris Chapman
[signed]
Member

Chris Cheah
[signed]
Member

Australian Communications and Media Authority

1 Name of Plan Variation

This Plan Variation is the *Radiocommunications (Digital Radio Channels — NSW/ACT) Plan Variation 2008 (No. 1).*

2 Commencement

This Plan Variation commences on the day after it is registered.

3 Amendment of *Radiocommunications (Digital Radio Channels — NSW/ACT) Plan 2007*

Schedule 1 amends the *Radiocommunications (Digital Radio Channels — NSW/ACT) Plan 2007*.

Schedule 1 Amendments

(section 3)

[1] Section 3, after definition of *DAB*

insert

depression angle means the angle between the horizontal line and the dividing line.

[2] Section 3, after definition of *designated BSA radio area*

insert

dividing line — see section 3A.

ERP means effective radiated power.

[3] Section 3, after definition of *frequency block*

insert

horizontal line means a horizontal line at the maximum antenna height of an antenna.

[4] After section 3

insert

3A Dividing line

(1) In this Plan, ***dividing line*** means a line from a point at the maximum antenna height of an antenna to a point on the Earth below the horizontal line.

(2) For subsection (1), if a negative value is specified in the depression angle, the point on the Earth is above the horizontal line.

[5] After section 4

insert

5 Maximum ERP limits

(1) For each digital radio multiplex transmitter, the ERP of that transmitter in any part of a sector or bearing must not exceed the maximum ERP specified in the output radiation pattern table for that sector or bearing.

(2) If the output radiation pattern table for a digital radio multiplex transmitter specifies two maximum ERP values for a sector or bearing, the ERP of the transmitter in that sector or bearing must not exceed:

(a) for a point at or above the dividing line — the maximum ERP in the column headed "At or above dividing line"; and

(b) for a point below the dividing line — the maximum ERP in the column headed "Below dividing line".

(3) The licensee of a digital radio multiplex transmitter must, if requested by ACMA to do so, demonstrate, to the satisfaction of ACMA, that the ERP of a transmitter in any part of a sector or bearing specified by ACMA complies with this section.

[6] Schedule 1, table 1, column 6

substitute

TS1132983

TS1132984

TS1132985

[7] Schedule 1, attachment 1.1

omit

Specification Number	TS1132485

insert

Specification number	TS1132983

[8] Schedule 1, attachment 1.1

omit

Maximum antenna height	223 m

insert

Maximum antenna height	230 m

[9] Schedule 1, attachment 1.1

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 360°T	12.5 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	**Depression angle**	**Maximum ERP**	
		At or above dividing line	**Below dividing line**
0 °T – 10 °T	All angles	50 kW	
10 °T – 40 °T	0.3°	12.5 kW	50 kW
40 °T – 210 °T	All angles	50 kW	
210 °T – 256 °T	-0.1°	12.5 kW	50 kW
256 °T – 273 °T	All angles	50 kW	
273 °T – 298 °T	-0.3°	15 kW	50 kW
298 °T – 360 °T	All angles	50 kW	

[10] Schedule 1, attachment 1.2

omit

Specification Number	TS1132486

insert

Specification number	TS1132984

[11] Schedule 1, attachment 1.2

omit

Maximum antenna height	223 m

insert

Maximum antenna height	230 m

[12] Schedule 1, attachment 1.2

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 360°T	12.5 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	**Depression angle**	**Maximum ERP**	
		At or above dividing line	**Below dividing line**
0 °T – 10 °T	All angles	50 kW	
10 °T – 40 °T	0.3°	12.5 kW	50 kW
40 °T – 210 °T	All angles	50 kW	
210 °T – 256 °T	-0.1°	12.5 kW	50 kW
256 °T – 273 °T	All angles	50 kW	
273 °T – 298 °T	-0.3°	15 kW	50 kW
298 °T – 360 °T	All angles	50 kW	

[13] Schedule 1, attachment 1.3

omit

Specification Number	TS1132487

insert

Specification number	TS1132985

[14] Schedule 1, attachment 1.3

omit

Maximum antenna height	223 m

insert

Maximum antenna height	230 m

[15] Schedule 1, attachment 1.3

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 360°T	12.5 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	**Depression angle**	**Maximum ERP**	
		At or above dividing line	**Below dividing line**
0 °T – 10 °T	All angles	50 kW	
10 °T – 40 °T	0.3°	12.5 kW	50 kW
40 °T – 210 °T	All angles	50 kW	
210 °T – 256 °T	-0.1°	12.5 kW	50 kW
256 °T – 273 °T	All angles	50 kW	
273 °T – 298 °T	-0.3°	15 kW	50 kW
298 °T – 360 °T	All angles	50 kW	

Note

1. All legislative instruments and compilations are registered on the Federal Register of Legislative Instruments kept under the *Legislative Instruments Act 2003*. See http://www.frli.gov.au.