



Radiocommunications (Digital Radio Channels — Victoria) 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 — Victoria) Plan Variation 2008 (No. 1)*.

2 Commencement

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

3 Variation of *Radiocommunications (Digital Radio Channels — Victoria) Plan 2007*

Schedule 1 varies the *Radiocommunications (Digital Radio Channels — Victoria) Plan 2007*.

Schedule 1 Variations

(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.

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- (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

TS1132980

TS1132981

TS1132982

[7] Schedule 1, attachment 1.1

omit

Specification Number TS1132482

insert

Specification number TS1132980

[8] Schedule 1, attachment 1.1

omit

Output Radiation Pattern

<i>Bearing or Sector (Clockwise direction)</i>	<i>Maximum ERP</i>
0° T – 150° T	1.6 kW
150° 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 – 13 °T	All angles	50 kW	
13 °T – 30 °T	0.2°	1.6 kW	50 kW
30 °T – 50 °T	0.2°	1.6 kW	20 kW
50 °T – 150 °T	0.2°	5 kW	20 kW
150 °T – 240 °T	All angles	50 kW	
240 °T – 250 °T	0.7°	20 kW	50 kW
250 °T – 261 °T	All angles	50 kW	
261 °T – 265 °T	0.5°	12.5 kW	50 kW
265 °T – 360 °T	All angles	50 kW	

[9] Schedule 1, attachment 1.2*omit*

Specification Number TS1132483

insert

Specification number TS1132981

[10] Schedule 1, attachment 1.2*omit**Output Radiation Pattern*

<i>Bearing or Sector (Clockwise direction)</i>	<i>Maximum ERP</i>
0° T – 150° T	1.6 kW
150° 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 – 13 °T	All angles	50 kW	
13 °T – 30 °T	0.2°	1.6 kW	50 kW
30 °T – 50 °T	0.2°	1.6 kW	20 kW
50 °T – 150 °T	0.2°	5 kW	20 kW
150 °T – 240 °T	All angles	50 kW	
240 °T – 250 °T	0.7°	20 kW	50 kW
250 °T – 261 °T	All angles	50 kW	
261 °T – 265 °T	0.5°	12.5 kW	50 kW
265 °T – 360 °T	All angles	50 kW	

[11] Schedule 1, attachment 1.3

omit

Specification Number TS1132484

insert

Specification number TS1132982

[12] Schedule 1, attachment 1.3

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	Maximum ERP
0° T – 150° T	1.6 kW
150° 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 – 13 °T	All angles	50 kW	
13 °T – 30 °T	0.2°	1.6 kW	50 kW
30 °T – 50 °T	0.2°	1.6 kW	20 kW
50 °T – 150 °T	0.2°	5 kW	20 kW
150 °T – 240 °T	All angles	50 kW	
240 °T – 250 °T	0.7°	20 kW	50 kW
250 °T – 261 °T	All angles	50 kW	
261 °T – 265 °T	0.5°	12.5 kW	50 kW
265 °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>.