Radiocommunications (Digital Radio Channels — Queensland) 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 — Queensland) 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 — Queensland) Plan 2007*

Schedule 1 varies the *Radiocommunications (Digital Radio Channels — Queensland) 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.

(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

TS1132986

TS1132987

TS1132988

[7] Schedule 1, attachment 1.1

omit

Specification Number	TS1132479

insert

Specification number	TS1132986

[8] Schedule 1, attachment 1.1

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 5°T	1.6 kW
5°T – 208°T	12.5 kW
208°T – 244°T	6.2 kW
244°T – 317°T	12.5 kW
317°T – 360°T	1.6 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	Depression angle	Maximum ERP	
		At or above dividing line	Below dividing line
0 °T – 5 °T	0.4°	1.6 kW	50 kW
5 °T – 150 °T	All angles	50 kW	
150 °T – 160 °T	0.5°	12.5 kW	50 kW
160 °T – 208 °T	All angles	50 kW	
208 °T – 212 °T	0.0°	7.5 kW	50 kW
212 °T – 244 °T	0.0°	6.0 kW	50 kW
244 °T – 330 °T	0.5°	12.6 kW	50 kW
330 °T – 356 °T	0.4°	3.2 kW	50 kW
356 °T – 360 °T	0.4°	1.6 kW	50 kW

[9] Schedule 1, attachment 1.2

omit

Specification Number TS1132480

insert

Specification number TS1132987

[10] Schedule 1, attachment 1.2

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 5°T	1.6 kW
5°T – 208°T	12.5 kW
208°T – 244°T	6.2 kW
244°T – 317°T	12.5 kW
317°T – 360°T	1.6 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	Depression angle	Maximum ERP	
		At or above dividing line	Below dividing line
0 °T – 5 °T	0.4°	1.6 kW	50 kW
5 °T – 150 °T	All angles	50 kW	
150 °T – 160 °T	0.5°	12.5 kW	50 kW
160 °T – 208 °T	All angles	50 kW	
208 °T – 212 °T	0.0°	7.5 kW	50 kW
212 °T – 244 °T	0.0°	6.0 kW	50 kW
244 °T – 330 °T	0.5°	12.6 kW	50 kW
330 °T – 356 °T	0.4°	3.2 kW	50 kW
356 °T – 360 °T	0.4°	1.6 kW	50 kW

[11] Schedule 1, Attachment 1.3

omit

Specification Number	TS1132481

insert

Specification number	TS1132988

[12] Schedule 1, Attachment 1.3

omit

Output Radiation Pattern

Bearing or Sector (Clockwise direction)	***Maximum ERP***
0°T – 5°T	1.6 kW
5°T – 208°T	12.5 kW
208°T – 244°T	6.2 kW
244°T – 317°T	12.5 kW
317°T – 360°T	1.6 kW

insert

Output Radiation Pattern

Bearing or sector (clockwise direction)	Depression angle	Maximum ERP	
		At or above dividing line	Below dividing line
0 °T – 5 °T	0.4°	1.6 kW	50 kW
5 °T – 150 °T	All angles	50 kW	
150 °T – 160 °T	0.5°	12.5 kW	50 kW
160 °T – 208 °T	All angles	50 kW	
208 °T – 212 °T	0.0°	7.5 kW	50 kW
212 °T – 244 °T	0.0°	6.0 kW	50 kW
244 °T – 330 °T	0.5°	12.6 kW	50 kW
330 °T – 356 °T	0.4°	3.2 kW	50 kW
356 °T – 360 °T	0.4°	1.6 kW	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.