



Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2021 (No. 1)

The Australian Communications and Media Authority makes the following instrument under section 44A of the *Radiocommunications Act 1992*.

Dated: 2 December 2021

Creina Chapman
[signed]
Member

Fiona Cameron
[signed]
Member/~~General Manager~~

Australian Communications and Media Authority

1 Name

This is the *Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2021 (No. 1)*.

2 Commencement

This instrument commences at the start of the day after the day it is registered on the Federal Register of Legislation.

Note: The Federal Register of Legislation may be accessed free of charge at www.legislation.gov.au.

3 Authority

This instrument is made under section 44A of the *Radiocommunications Act 1992*.

4 Variation

The instrument that is specified in Schedule 1 is varied as set out in the applicable items in that Schedule.

Schedule 1—Amendments

Radiocommunications (Digital Radio Channels – Queensland) Plan 2007 (F2007L04664)

1 For each of Attachments 1.1, 1.2 and 1.3

omit:

Nominal Location Channel 2 Site
MOUNT COOT-THA

substitute:

Nominal Location TXA T-Site Tower 445 Sir Samuel Griffith
Drive MOUNT COOT-THA

2 For each of Attachments 1.1, 1.2 and 1.3

omit:

Australian Map Grid Reference 1966	Zone	Easting	Northing
	56	494700	6961920

substitute:

GDA 94 Latitude: -27.46313015
Longitude: 152.94812959

3 For each of Attachments 1.1, 1.2 and 1.3

omit

Maximum antenna height 161 m

substitute:

Maximum antenna height 192 m

4 For each of Attachments 1.1, 1.2 and 1.3

omit:

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

substitute:

Output Radiation Pattern

Bearing or sector (clockwise direction)	Depression angle	Maximum ERP	
		At or above dividing line	Below dividing line
0 °T – 125 °T	All angles	50 kW	
125 °T – 160 °T	0.35°	25.5 kW	50 kW
160 °T – 215 °T	All angles	50 kW	
215 °T – 245 °T	0.0°	26 kW	50 kW
245 °T – 290 °T	0.5°	26 kW	50 kW
290 °T – 360 °T	All angles	50 kW	

5 Attachment 1.1

Omit the heading “*Additional technical specification*” and the one paragraph of text after that heading

6 At the end of Table 1 in Schedule 2

Add:

Gold Coast 5	9D	No	208.064	1	12001000	2.5
Gold Coast 6	8B	Yes	197.648	3	12001001	2.6

7 At the end of Attachment 2.4 to Schedule 2

Add:

Attachment 2.5 Multiplex Gold Coast 5

Column 1 Technical specification	Column 2 Details
Category	1
General Area Served	Gold Coast
Mode	DAB
Specification number	12001000
<i>Transmitter Site</i>	
Nominal Location	NTL Broadcast Site, cnr North & Freemans Roads, LOWER BEECHMONT
GDA 94	Latitude: -28.033740 Longitude: 153.242335
Site Tolerance	Refer to technical planning guidelines

Emission

Frequency Band	VHF
Centre Frequency	208.064 MHz (Frequency Block 9D)
Polarisation	Vertical
Maximum antenna height	44 m

Output Radiation Pattern

Bearing or sector (clockwise direction)	Maximum ERP
0 °T – 10 °T	5 kW
10 °T – 25 °T	10 kW
25 °T – 180 °T	25 kW
180 °T – 195 °T	10 kW
195 °T – 210 °T	5 kW
210 °T – 235 °T	2.5 kW
235 °T – 340 °T	625 W
340 °T – 350 °T	1.25 kW
350 °T – 360 °T	2.5 kW

Attachment 2.6 Multiplex Gold Coast 6

Column 1 Technical specification	Column 2 Details
Category	3
General Area Served	Gold Coast
Mode	DAB
Specification number	12001001

Transmitter Site

Nominal Location	NTL Broadcast Site, cnr North & Freemans Roads, LOWER BEECHMONT
GDA 94	Latitude: -28.033740 Longitude: 153.242335
Site Tolerance	Refer to technical planning guidelines

Emission

Frequency Band	VHF
Centre Frequency	197.648 MHz (Frequency Block 8B)
Polarisation	Vertical
Maximum antenna height	44 m

Output Radiation Pattern

Schedule 1

Bearing or sector (clockwise direction)	Maximum ERP
0 °T – 10 °T	5 kW
10 °T – 25 °T	10 kW
25 °T – 180 °T	25 kW
180 °T – 195 °T	10 kW
195 °T – 210 °T	5 kW
210 °T – 235 °T	2.5 kW
235 °T – 340 °T	625 W
340 °T – 350 °T	1.25 kW
350 °T – 360 °T	2.5 kW