

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](http://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: -27.46313015Longitude: 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 1Technical specification | Column 2Details  |
| Category | 1 |
| General Area Served | Gold Coast |
| Mode | DAB |
| Specification number | 12001000 |
| *Transmitter Site* |  |
| Nominal Location | NTL Broadcast Site, cnr North & Freemans Roads, LOWER BEECHMONT |
| GDA 94 | Latitude: -28.033740Longitude: 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 1Technical specification | Column 2Details  |
| 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: -28.033740Longitude: 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* |
| 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 |