

Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2020 (No. 1)

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

Dated: 10 December 2020

Fiona Cameron

[signed]

Member

Creina Chapman

[signed]

Member/~~General Manager~~

Australian Communications and Media Authority

1 Name

This is the *Radiocommunications (Digital Radio Channels – Queensland) Plan Variation 2020 (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 Amendments

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

Schedule 1—Amendments

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

1 Section 3

Insert:

***GDA 94*** means the geodetic datum designated as the “Geocentric Datum of Australia (GDA)”, gazetted in the Commonwealth of Australia *Gazette* No. GN 35 on 6 September 1995, as existing on that date.

2 Section 3, definition of *technical planning guidelines*

Omit ‘, as in force from time to time’

3 After section 3A

Insert:

## 3B References to other instruments

In this Plan, unless the contrary intention appears:

(a) a reference to another legislative instrument is a reference to that other legislative instrument as in force from time to time; and

(b) a reference to any other kind of instrument or writing is a reference to that other instrument or writing as in force or existing from time to time.

Note 1: For references to Commonwealth Acts, see section 10 of the *Acts Interpretation Act 1901*; and see also subsection 13(1) of the *Legislation Act 2003* for the application of the *Acts Interpretation Act 1901* to legislative instruments.

Note 2: All Commonwealth Acts and legislative instruments are registered on the Federal Register of Legislation and are accessible free of charge.

Note 3: See section 314A of the Act.

4 Section 6

Omit ‘determined by the technical planning guidelines’, insert ‘specified in the licence’

5 Section 6, note to the section

Repeal the note.

6 At the end of Attachment 1.3 to Schedule 1

Add:

Schedule 2 Gold Coast RA1

(subsection 4 (1))

Designated BSA radio area

Gold Coast RA1

Table 1 Frequency channels

| Column 1  Multiplex Name | Column 2  Frequency block | Column 3  Reserved frequency block | Column 4  Centre frequency (MHz) | Column 5  Category | Column 6  Technical Specification Number | Column 7  Technical Specifications (Attachment number) |
| --- | --- | --- | --- | --- | --- | --- |
| Gold Coast 1 | 9D | No | 208.064 | 1 | TS12000073 | 2.1 |
| Gold Coast 2 | 9D | No | 208.064 | 1 | TS12000792 | 2.2 |
| Gold Coast 3 | 8B | Yes | 197.648 | 3 | TS12000074 | 2.3 |
| Gold Coast  4 | 8B | Yes | 197.648 | 3 | TS12000793 | 2.4 |

Table 2 Number of licences to be issued

|  |  |
| --- | --- |
| Column 1  Licence Category | Column 2  Number of licences |
| Category 1 | 1 |
| Category 2 | 0 |
| Category 3 | 1 |

Attachment 2.1 Multiplex Gold Coast 1

|  |  |  |
| --- | --- | --- |
| Column 1  Technical specification | | Column 2  Details |
| Category | | 1 |
| General Area Served | | Gold Coast |
| Mode | | DAB |
| Specification number | | TS12000073 |
| *Transmitter Site* | |  |
| Nominal Location | | GCT Mt Tamborine Site 103 m Tower Golf Course Road  MOUNT TAMBORINE |
| GDA 94 | | Latitude: -27.969604  Longitude: 153.213366 |
| Site Tolerance | | Refer to technical planning guidelines |
| *Emission* | |  |
| Frequency Band | | VHF |
| Centre Frequency | | 208.064 MHz (Frequency Block 9D) |
| Polarisation | | Vertical |
| Maximum antenna height | | 80 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 2.2 Multiplex Gold Coast 2

|  |  |  |
| --- | --- | --- |
| Column 1  Technical specification | | Column 2  Details |
| Category | | 1 |
| General Area Served | | Gold Coast |
| Mode | | DAB |
| Specification number | | TS12000792 |
| *Transmitter Site* | |  |
| Nominal Location | | 40m tower NRN Broadcast Site Bilbrough Lookout  SPRINGBROOK |
| GDA 94 | | Latitude: -28.234736  Longitude: 153.288940 |
| Site Tolerance | | Refer to technical planning guidelines |
| *Emission* | |  |
| Frequency Band | | VHF |
| Centre Frequency | | 208.064 MHz (Frequency Block 9D) |
| Polarisation | | Vertical |
| Maximum antenna height | | 40 m |
| *Output Radiation Pattern* | | |
| Bearing or sector  (clockwise direction) |  | Maximum ERP |
| 0 °T – 105 °T |  | 500 W |
| 105 °T – 120 °T |  | 250 W |
| 120 °T – 135 °T |  | 125 W |
| 135 °T – 305 °T |  | 50 W |
| 305 °T – 320 °T |  | 125 W |
| 320 °T – 335 °T |  | 250 W |
| 335 °T – 360 °T |  | 500 W |
|  | | |

Attachment 2.3 Multiplex Gold Coast 3

|  |  |  |
| --- | --- | --- |
| Column 1  Technical specification | | Column 2  Details |
| Category | | 3 |
| General Area Served | | Gold Coast |
| Mode | | DAB |
| Specification number | | TS12000074 |
| *Transmitter Site* | |  |
| Nominal Location | | GCT Mt Tamborine Site 103 m Tower Golf Course Road  MOUNT TAMBORINE |
| GDA 94 | | Latitude: -27.969604  Longitude: 153.213366 |
| Site Tolerance | | Refer to technical planning guidelines |
| *Emission* | |  |
| Frequency Band | | VHF |
| Centre Frequency | | 197.648 MHz (Frequency Block 8B) |
| Polarisation | | Vertical |
| Maximum antenna height | | 80 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 2.4 Multiplex Gold Coast 4

|  |  |  |
| --- | --- | --- |
| Column 1  Technical specification | | Column 2  Details |
| Category | | 3 |
| General Area Served | | Gold Coast |
| Mode | | DAB |
| Specification number | | TS12000793 |
| *Transmitter Site* | |  |
| Nominal Location | | 40m tower NRN Broadcast Site Bilbrough Lookout  SPRINGBROOK |
| GDA 94 | | Latitude: -28.234736  Longitude: 153.288940 |
| Site Tolerance | | Refer to technical planning guidelines |
| *Emission* | |  |
| Frequency Band | | VHF |
| Centre Frequency | | 197.648 MHz (Frequency Block 8B) |
| Polarisation | | Vertical |
| Maximum antenna height | | 40 m |
| *Output Radiation Pattern* | | |
| Bearing or sector  (clockwise direction) |  | Maximum ERP |
| 0 °T – 105 °T |  | 500 W |
| 105 °T – 120 °T |  | 250 W |
| 120 °T – 135 °T |  | 125 W |
| 135 °T – 305 °T |  | 50 W |
| 305 °T – 320 °T |  | 125 W |
| 320 °T – 335 °T |  | 250 W |
| 335 °T – 360 °T |  | 500 W |
|  | | |