

## EMBARGO 32

<b>FREQUENCY RANGE(S):</b>	168–174 MHz
<b>SUBJECT:</b>	Embargo on new assignments to support the introduction of digital terrestrial television broadcasting
<b>DATE OF EFFECT:</b>	September 2000 (last revised September 2007)
<b>COVERAGE:</b>	Around the geographic locations specified in <u>Attachment A</u>
<b>TIME FRAME:</b>	Until further notice

### INSTRUCTIONS

No assignments for new fixed or mobile services are to be made in the frequency band 168–174 MHz within the limits specified in Table A around the sites listed in Table B of Attachment A.

### REASONS

Operation of fixed or mobile services in this band in the vicinity of the television broadcasting sites listed in Table B of Attachment A may be affected by the introduction of digital terrestrial television broadcasting (DTTB).

### COMMENTS

The VHF land mobile spectrum adjacent to TV channel 6 may be affected by out-of-band emissions from DTTB services on TV channel 6. As planning of DTTB services Australia-wide is not complete, the list of sites has been compiled from completed digital channel plans and a list of existing analog TV channel 7 sites which could potentially have channel 6 DTTB services associated with them.

Table B will be revised as DTTB planning progresses.

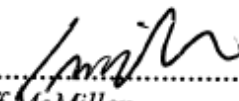
### HISTORY

In December 2001 the embargo was revised to include an update of the frequency bands and exclusion distances in Table A based on new information on combiner filtering of the DTTB transmitter out-of-band emissions. The list of sites in Table B was also updated to include information available in digital channel plans completed since the initial release of this embargo.

The March 2002, July 2002, May 2003 and August 2003 revisions also included updates to Table B based on digital channel plans completed since the previous update of this embargo.

In September 2007 the embargo was revised to update Table B based on information available in digital channel plans completed since the previous release of this embargo, and has limited the inclusion of sites to those where channel 7 analog television services currently operate with ERPs of 500 W or more. Some editorial and formatting changes were also made.

**EMBARGO AUTHORISATION:**

  
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**INSTRUCTIONS**

No assignments for new fixed or mobile services should be made in the frequency band 168–174 MHz within the frequency/distance limits specified in Table A of the sites listed in Table B.

**Table A**

<b>Frequency Band</b>	<b>Exclusion Distance from Site in Table B</b>
168.0–172.8 MHz	3 km
172.8–173.3 MHz	10 km
173.3–174.0 MHz	60 km

**Table B**

<b>Site Name</b>	<b>Geographic Latitude</b>	<b>Coordinates Longitude</b>
	<b>d m s</b>	<b>d m s</b>
<b>ACT</b>		
Canberra – Black Mountain	-35 16 38	149 05 48
<b>NSW</b>		
Sydney – Artarmon	-33 48 25	151 10 49
Sydney – Willoughby	-33 48 48	151 11 41
Murrumbidgee Irrigation Area – Mt Bingar	-34 07 23	146 14 02
Bourke – Mt Oxley	-30 12 03	146 14 22
<b>VIC</b>		
Melbourne – Mt Dandenong – HSV7 site	-37 50 13	145 20 47
Melbourne – Mt Dandenong – ATV10 site	-37 50 20	145 20 43
Western Victoria – Mt Dundas	-37 27 37	141 54 53
<b>QLD</b>		
Brisbane – Mt Cootha – BTQ7 site	-27 28 05	152 56 32
Brisbane – Mt Cootha – Q10 site	-27 27 53	152 56 49
Cairns – Mt Bellenden Ker	-17 15 57	145 51 09
Roma – Timbury Hills	-26 34 27	148 50 56
Jericho – Colorado	-23 37 35	146 15 18
Weipa	-12 37 30	141 53 00
<b>SA</b>		
Adelaide – Mt Lofty – 7 / 10 site	-34 58 57	138 42 24
Adelaide – Mt Lofty – 9 site	-34 59 02	138 42 25
Ceduna	-32 09 14	133 45 14
Continued over		

**Table B Attachment A Embargo 32 – Continued**

Site Name	Geographic Latitude d m s	Coordinates Longitude d m s
<b>WA</b>		
Perth – Bickley	-32 00 34	116 04 58
Perth – Carmel	-32 00 50	116 03 37
Port Hedland	-20 22 15	118 33 42
Katanning – Fairfield	-33 47 34	117 30 58
Carnarvon	-24 54 25	113 43 07
<b>NT</b>		
Katherine	-14 28 25	132 16 40
Alice Springs – West Gap	-23 43 26	133 51 19
Tennant Creek	-19 38 13	134 13 48