

List of Allocation Numbers for  
Australian Broadcasting Control  
Board Technical Reports

Revised as at

No.	Date	Title
1.	✓	Examination of "RING" type antifading aerials for medium frequency broadcasting
2.	✓	The selection of a television site to serve the Melbourne area
3.	✓	The effect of a motor car ignition interference on television services
4.	✓	Selection of TV site to serve Sydney area
5.	✓	Frequency tolerance necessary for synchronised operation of Radio Broadcasting transmitters
6.	✓	Selection of standard television receiver intermediate frequencies for use in Australia
7.	✓	Synchronized broadcast stations
8.		Accoustical measurements in the studios of 2AW (not issued)
9.		Development of FM - AM receiver
10.	✓	Calculation of the effect of an earth system on the unattenuated field strength at one mile
11.	✓	An antifading aerial of the ring type for medium frequency broadcasting
12.	✓	Overloading selectivity and Spurious Responses in Medium frequency Broadcast Receivers
13.	✓	Interim Report on Medium Frequency Sky Wave Measurements
14.		W R Baker's report on M.F. receivers
15.	✓	Tests on Reflections from television mast
16.		Subjective observations on the magnitude of ghost reflections
17.	✓	Tropospheric Propagation at 64.25 Mc/s, 182.25 Mc/s and 196.25 Mc/s
18.	✓	Delay and Transient Problems in Television Broadcasting
19.	✓	Second Interim Report on Medium Frequency Sky Wave Measurements
20.	✓	Temporal Variation of M.F. Ground Wave Field Strength
21.	✓	TV Field Intensity Measurements at a Distance of 160 Miles in SA.
22.	✓	Envelope Modulation

No.	Here	Title
20.	✓	Temporal Variation of Medium Frequency Ground Wave Field Strength
21.	✓	Television Field Intensity Measurements at a distance of 160 miles in Southern Australia
22.	✓	Envelope Modulation <span style="float: right;">IN FILE #1</span>
23.	✓	Attenuation of Medium Frequency Sky-Wave Signals in Australia following the Mid-Pacific High-Altitude Nuclear Explosions in August 1958. Sept 1961
24.	✓	A transistorised video frequency waveform
25.	✓	Television transmitting aerial performance
26.	✓	Field Intensity Estimates of Television Coverage
27.	✓	The Absorption of Medium Frequency Sky-Waves by Close Coupling to the Extraordinary Mode
28.	✓	Medium Frequency Sky-Wave Field Strength Predictions for Australia
29.	✓	Experimental Tests with Orthogonal Transmissions (MF)
30.		Impedance Specification for TV Transmitting Aerials
31.		Field Investigations; 4NA Nambour and 4GY Gympie
32.	✓	Colour Television Reception from Video-tape replay over the Australia monochrome system Copies Printed/Held 100
33.	✓	High-speed Duplication of Video Tape Recordings Copies Printed/Held 100
34.	✓	The Sharing of Television Channels
35.	✓	Report on Kahn's Stereophonic System for Broadcasting in the MF Band
36.	✓	UHF TV Survey in the Rushcutters Bay Area of Sydney
37.	✓	Television Local Oscillator Interference in the Channel 1/ Channel 4 Spener Gulf Area
38.	✓	A Two carrier Frequency Modulation Stereophonic Receiver for the UHF Band
39.	✓	Signal Strength Required for a Frequency Modulation receiver
40.		Aspects of Local Oscillator Radiation from

No.	Here	Title
41.	•	Television Interference survey - Kew Area
42.	✓	Measurements of MF Sky-Wave Sea rain
43.	✓	The planning of frequency allocations for VHF FM broadcasting in Australia
44.	✓	Characteristics of domestic UHF receivers affecting channel allocation plans
45.		Television development western district of Victoria
46.		Television Development Spencer Gulf - Eyre Peninsula SA
47.		Measurements of MF Sky-Wave Sea Rain
48.		The Variation of MF Sky-Wave Field Strength
49.		Planning Rules for VHF-FM Sound Broadcasting Service
50.		Provision of national VHF-FM Service, Wollongong NSW
51.		Teletext Interference Tests, June 78
52.		Low Power Broadcasting Satellite Service for Australia
53.	✓	Australia and data broadcasting - UK 'Teletext', French 'Antiope' and Canadian 'Telidon'
54.	✓	Prediction of Rain Attenuation at 12GHz
55.	✓	Departmental FM test transmissions (October - December 1978)
63	✓	Television Receiver Protection Ratios
68	✓	An Investigation of IF Beat Interference in VHF-FM Broadcast Receivers.

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1.	Examination of "RINC" type antifading aerials for medium frequency broadcasting.
2.	The selection of a television site to serve the Melbourne area.
3.	The effect of motor car ignition interference on television services.
4.	Selection of TV site to serve Sydney area.
5.	Frequency tolerance necessary for synchronised operation of Radio Broadcasting transmitters.
6.	selection of standard television receiver intermediate frequencies for use in Australia.
7.	Synchronised broadcast stations.
8.	Acoustical measurements in the studios of 3AW (not issued).
9.	Development of F.M. - A.M. receiver.
10.	Calculation of the effect of an earth system on the unattenuated field strength at one mile.
11.	An antifading aerial of the ring type for medium frequency broadcasting.
12.	Overloading selectivity and Spurious Responses in Medium frequency Broadcast Receivers.
13.	Interim Report on Medium Frequency Sky Wave Measurements.
14.	W.R. Fisher's report on M.F. receivers.
15.	Tests on reflections from <sup>TELEVISION</sup> HSV7 mast.
16.	Subjective observations on the magnitude of ghost reflections.
17.	Tropospheric Propagation at 64.25 Mc/s, 182.25 Mc.s and 196.25 Mc/s.
18.	Delay and Transient Problems in Television Broadcasting.
19.	Second Interim Report on Medium Frequency Sky Wave Measurements.
20.	Temporal Variation of Medium Frequency Ground Wave Field Strength.
21.	Television Field Intensity Measurements at a distance of 160 miles in Southern Australia. <i>Not conclusive regarding direction.</i>
22.	Envelope Modulation.

Number	Title	Copies Printed/ Held
23.	Attenuation of Medium Frequency Sky-Wave Signals in Australia following the Mid-Pacific High-Altitude Nuclear Explosions in August, 1958. Sept. 1961.	
24.	A transistorised video frequency waveform corrector.	
25.	Television transmitting aerial performance.	
26.	Field Intensity Estimates of Television Coverage. <i>missing</i>	
27.	The Absorption of Medium Frequency Sky-Waves By Close Coupling to the Extraordinary Mode.	
28.	Medium Frequency Sky-Wave Field Strength Predictions for Australia.	
29.	Experimental Tests with Orthogonal Transmission.	
30.	Impedance Specific tion for TV Transmitting Aerials.	
31.	Field Investigations; 4NA Nambour and 4GY Gympie	
32.	Colour Television Reception from Video-tape replay over the Australian monochrome system.	100
33.	High-speed Duplication of Video Tape Recordings.	100
34.	The sharing of Television channels.	
35.	Report on Kahn's Stereophonic System for B'casting in the MF Band.	
36.	UHF TV Survey in the Rushcutters Bay Area of Sydney.	
37.	Television local oscillator Interference in the Channel 1/ Channel 4 Spencer Gulf Area.	
38.	A Two Carrier Frequency Modulation Stereophonic Receiver for the UHF Band.	
39.	Signal Strength Required for a Frequency Modulation Receiver	
40.	Aspects of Local oscillator Radiation from Television Receivers. <i>missing</i>	
41.	Television Interference Survey - Kew Area <i>11</i>	
42.	Measurements of MF Sky-Wave Sea Rain	
43.	The Planning of Frequency Allocations for VHF FM Broadcasting in Australia	
44.	Characteristics of Domestic UHF Receivers Affecting Channel Allocation Plans.	

45. Television Development Western District of Victoria *mission;* -
46. Television Development Spencer-Gulf-Eyre Peninsula SA *- proposal.* -
47. Measurements of MF Sky-Wave Sea Gain
48. The Variation of MF Sky-Wave Field Strength
49. Planning Rules for VHF-FM Sound Broadcasting Service Malcolm
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51. Teletext Interference Tests, June 78. KM
52. Low Power Broadcasting Satellite Service for Australia. J. Crabtree
53. Australia and Data Broadcasting - UK Teletext  
French Antiope and Canadian 'Telidon' A. Crabtree
54. Prediction of Rain Attenuation at 12 GHz Dist.
5. Departmental FM Test Transmissions  
(October - December 1978) Angela

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13.	✓ Interim Report on Medium Frequency Sky Wave Measurements.
14.	W.R. Baker's report on M.F. receivers.
15.	✓ Tests on Reflections from <sup>2271316A</sup> HSB7 mast.
16.	Subjective observations on the magnitude of ghost reflections.
17.	✓ Tropospheric Propagation at 64.25 Mc/s, 182.25 Mc/s and 196.25 Mc/s.
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