



**Australian
Broadcasting
Authority**

LICENCE AREA PLAN

PERTH TELEVISION

FEBRUARY 1997

LICENCE AREA PLAN - PERTH TELEVISION

DETERMINATION

The Australian Broadcasting Authority hereby makes this plan for television broadcasting services in the Perth area of Western Australia, under subsection 26(1) of the *Broadcasting Services Act 1992*.

One national or community television broadcasting service, two national television broadcasting services and three commercial television broadcasting services are to be available in the area described at Attachment 1.1 to this Determination with the use of the broadcasting services bands. The characteristics, including technical specifications, of the services that are to be available in the area described at Attachment 1.1 are set out in the Schedule and Attachments 1.1 - 1.31 to this Determination.

Dated: 21 February 1997

SCHEDULES

Each of the Schedules sets out:

- the category of each of the services that are to be available in that area (column one),
- the service licence number which has been allocated to the service, if appropriate (column two); N/A = Not Applicable, as the *Broadcasting Services Act 1992* only requires service licences for Commercial and Community services.
- the number of transmitters required to transmit the service,
- the transmitter specification number which has been allocated to each transmitter (column three),
- the identifying number of the attachment where the technical specifications for each transmitter are described (column four). (Each set of technical specifications referred to in the Schedules is an attachment to this determination).
- the general area served by each transmitter (column five).

SCHEDULE ONE

Licence Area Plan - Perth Television - February 1997

Licence Area - Perth TV1

Category of Service	Service Licence No:	Transmitter Specification No:	Technical Specifications	General Area Served by Transmitter
Nat/Cmty	N/A	TS10003277	See attachment 1.2	Perth
		TS10003283	See attachment 1.3	Lancelin
		TS10003289	See attachment 1.4	Maryville
		TS10003295	See attachment 1.5	Roleystone
		TS10003297	See attachment 1.6	Toodyay
National	N/A	TS10003272	See attachment 1.7	Perth
(ABC)		TS10003278	See attachment 1.8	Lancelin
		TS10003285	See attachment 1.9	Maryville
		TS10003291	See attachment 1.10	Roleystone
		TS10003298	See attachment 1.11	Toodyay
National	N/A	TS10003276	See attachment 1.12	Perth
(SBS)		TS10003282	See attachment 1.13	Lancelin
		TS10003284	See attachment 1.14	Maryville
		TS10003290	See attachment 1.15	Roleystone
		TS10003296	See attachment 1.16	Toodyay
Commercial	SL10161	TS10003273	See attachment 1.17	Perth
(TVW)		TS10003279	See attachment 1.18	Lancelin
		TS10003286	See attachment 1.19	Maryville
		TS10003292	See attachment 1.20	Roleystone
		TS10003300	See attachment 1.21	Toodyay
Commercial	SL10162	TS10003274	See attachment 1.22	Perth
(STW)		TS10003280	See attachment 1.23	Lancelin
		TS10003287	See attachment 1.24	Maryville
		TS10003293	See attachment 1.25	Roleystone
		TS10003301	See attachment 1.26	Toodyay
Commercial	SL10163	TS10003275	See attachment 1.27	Perth
(NEW)		TS10003281	See attachment 1.28	Lancelin
		TS10003288	See attachment 1.29	Maryville
		TS10003294	See attachment 1.30	Roleystone
		TS10003303	See attachment 1.31	Toodyay

ATTACHMENT 1.1

LICENCE AREA FOR SERVICE LICENCE NOS: SL10161, SL10162, SL10163 COMMERCIAL TELEVISION, PERTH TV1

The licence area, in terms of areas defined by the Australian Bureau of Statistics at the Census of 6 August 1991, is:

Area Description	Persons
Perth (SD)	1143378
Chittering (S)	1922
Gingin (S)	2708
Mandurah (C)	26860
Murray (S)	8182
Toodyay (S)	2473
WA CD 041701	144
WA CD 041103	579
WA CD 041104	596
WA CD 041105	713
WA CD 041106	277
WA CD 041107	189
WA CD 042102	142
WA CD 041601	167
WA CD 041605	245
Total Persons	1188575

Note:

Standard terminology used by the Australian Bureau of Statistics:

(C)	=	City
(CD)	=	Collection District
(S)	=	Shire
(SD)	=	Statistical Division

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Perth (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003272

Transmitter Site :-

Nominal location : Television Road, Bickley

Australian Map Grid : Zone Easting Northing
Reference 50 413397 6457863

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF Band I - TV

Carrier Frequency : 64.25 MHz (Ch.2)

Polarisation Horizontal

Maximum antenna height 80 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	200 kW

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Perth (WA)

Service Licence Number : SL10161

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003273

Transmitter Site :-

Nominal location : TVW7 Mast Television Road, Bickley

Australian Map Grid :	Zone	Easting	Northing
Reference	50	413360	6458127

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF Band III - TV

Carrier Frequency : 182.25 MHz (Ch.7)

Polarisation Horizontal

Maximum antenna height 140 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	200 kW

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Perth (WA)

Service Licence Number : SL10162

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003274

Transmitter Site :-

Nominal location : STW9 Mast, Lawnbrook Road, Walliston

Australian Map Grid :	Zone	Easting	Northing
Reference	50	412224	6459268

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF Band III - TV

Carrier Frequency : 196.25 MHz (Ch.9)

Polarisation Horizontal

Maximum antenna height 165 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	200 kW

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Perth (WA)

Service Licence Number : SL10163

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003275

Transmitter Site :-

Nominal location : Carmel

Australian Map Grid :	Zone	Easting	Northing
Reference	50	411204	6457603

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode VHF Band III - TV

Carrier Frequency : 209.24 MHz (Ch.10)

Polarisation Horizontal

Maximum antenna height 170 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	200 kW

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Perth (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003276

Transmitter Site :-

Nominal location : Television Road, Bickley

Australian Map Grid : Zone Easting Northing
Reference 50 413397 6457863

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band IV - TV

Carrier Frequency : 527.198 MHz (Ch.28)

Polarisation Horizontal

Maximum antenna height 125 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	600 kW

LICENCE AREA PLAN : Perth

Category : National / Community

General Area Served : Perth (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003277

Transmitter Site :-

Nominal location : Television Road, Bickley

Australian Map Grid :	Zone	Easting	Northing
Reference	50	413397	6457863

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band IV - TV

Carrier Frequency : 548.198 MHz (Ch.31)

Polarisation Horizontal

Maximum antenna height 125 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	600 kW

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Lancelin (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003278

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode : UHF Band V - TV

Carrier Frequency : 702.224 MHz (Ch.53)

Polarisation : Horizontal

Maximum antenna height : 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Lancelin (WA)

Service Licence Number : SL10161

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003279

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode : UHF Band V - TV

Carrier Frequency : 723.224 MHz (Ch.56)

Polarisation : Horizontal

Maximum antenna height : 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Lancelin (WA)

Service Licence Number : SL10162

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003280

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 744.224 MHz (Ch.59)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Lancelin (WA)

Service Licence Number : SL10163

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003281

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode : UHF Band V - TV

Carrier Frequency : 765.224 MHz (Ch.62)

Polarisation : Horizontal

Maximum antenna height : 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Lancelin (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003282

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode : UHF Band V - TV

Carrier Frequency : 786.224 MHz (Ch.65)

Polarisation : Horizontal

Maximum antenna height : 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National / Community

General Area Served : Lancelin (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003283

Transmitter Site :-

Nominal location : TV Translator Site, Sports Complex, 3km south of Lancelin

Australian Map Grid : Reference	Zone	Easting	Northing
	50	342000	6563700

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 807.224 MHz (Ch.68)
Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 20°T	300 W
20°T - 160°T	950 W
160°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Maryville (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003284

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid : Zone Easting Northing
Reference 50 410200 6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 702.198 MHz (Ch.53)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Maryville (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003285

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid : Zone Easting Northing
Reference 50 410200 6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 723.198 MHz (Ch.56)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Maryville (WA)

Service Licence Number : SL10161

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003286

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid : Zone Easting Northing
Reference 50 410200 6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 744.198 MHz (Ch.59)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Maryville (WA)

Service Licence Number : SL10162

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003287

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid : Zone Easting Northing
Reference 50 410200 6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 765.198 MHz (Ch.62)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Maryville (WA)

Service Licence Number : SL10163

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003288

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid : Zone Easting Northing
Reference 50 410200 6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 786.198 MHz (Ch.65)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : National / Community

General Area Served : Maryville (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003289

Transmitter Site :-

Nominal location : Maryville, Muchea East Road

Australian Map Grid :	Zone	Easting	Northing
Reference	50	410200	6507200

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 807.198 MHz (Ch.68)

Polarisation Horizontal

Maximum antenna height 20 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 360°T	40 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Roleystone (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003290

Transmitter Site :-

Nominal location : Bedforddale, Lot 10, Canns Rd

Australian Map Grid : Zone Easting Northing
Reference 50 410202 6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 709.224 MHz (Ch.54)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Roleystone (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003291

Transmitter Site :-

Nominal location : Bedforddale, Lot 10, Canns Rd

Australian Map Grid : Zone Easting Northing
Reference 50 410202 6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 730.224 MHz (Ch.57)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Roleystone (WA)

Service Licence Number : SL10161

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003292

Transmitter Site :-

Nominal location : Bedforddale, Lot 10, Canns Rd

Australian Map Grid : Zone Easting Northing
Reference 50 410202 6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 751.224 MHz (Ch.60)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Roleystone (WA)

Service Licence Number : SL10162

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003293

Transmitter Site :-

Nominal location : Bedforddale, Lot 10, Canns Rd

Australian Map Grid : Zone Easting Northing
Reference 50 410202 6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 772.224 MHz (Ch.63)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Roleystone (WA)

Service Licence Number : SL10163

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003294

Transmitter Site :-

Nominal location : Bedforddale, Lot 10, Canns Rd

Australian Map Grid : Zone Easting Northing
Reference 50 410202 6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 793.224 MHz (Ch.66)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National / Community

General Area Served : Roleystone (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003295

Transmitter Site :-

Nominal location : Bedfordale, Lot 10, Canns Rd

Australian Map Grid :	Zone	Easting	Northing
Reference	50	410202	6443803

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 814.224 MHz (Ch.69)

Polarisation Horizontal

Maximum antenna height 60 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 90°T	300 W
90°T - 220°T	160 W
220°T - 360°T	300 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Toodyay (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003296

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid : Zone Easting Northing
Reference 50 449500 6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band IV - TV

Carrier Frequency : 569.198 MHz (Ch.34)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W

LICENCE AREA PLAN : Perth

Category : National / Community

General Area Served : Toodyay (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003297

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid :	Zone	Easting	Northing
Reference	50	449500	6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 590.198 MHz (Ch.37)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W

LICENCE AREA PLAN : Perth

Category : National

General Area Served : Toodyay (WA)

Service Licence Number : Not applicable

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003298

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid : Zone Easting Northing
Reference 50 449500 6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 611.198 MHz (Ch.40)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Toodyay (WA)

Service Licence Number : SL10161

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003300

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid : Zone Easting Northing
Reference 50 449500 6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 632.198 MHz (Ch.43)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Toodyay (WA)

Service Licence Number : SL10162

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003301

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid : Zone Easting Northing
Reference 50 449500 6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 653.198 MHz (Ch.46)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W

LICENCE AREA PLAN : Perth

Category : Commercial

General Area Served : Toodyay (WA)

Service Licence Number : SL10163

TECHNICAL SPECIFICATION - Television

Specification Number : TS10003303

Transmitter Site :-

Nominal location : 3km NW of town, Toodyay

Australian Map Grid : Zone Easting Northing
Reference 50 449500 6508000

Site Tolerance : Refer to Technical Planning Guidelines

Emission :-

Frequency Band & Mode UHF Band V - TV

Carrier Frequency : 674.198 MHz (Ch.49)

Polarisation Horizontal

Maximum antenna height 50 m

Output Radiation Pattern :-

Bearing or Sector (Clockwise direction)	Maximum ERP
0°T - 110°T	50 W
110°T - 270°T	20 W
270°T - 360°T	50 W