



Satellite Positions and Compass Settings from Christchurch, NZ

Table Key:

- Compass** Use compass to point dish in this direction
- Elevation** The up and down angle to set the dish. Use an inclinometer or markings on dish.
- VPT CW** Degrees of **V**ertical **P**olarisation **T**ilt in **C**lock **W**ise direction
- VPT CCW** Degrees of **V**ertical **P**olarisation **T**ilt in **C**ounter **C**lock **W**ise direction
- HPT CW** Degrees of **H**orizontal **P**olarisation **T**ilt in **C**lock **W**ise direction – see DIY Guide
- HPT CCW** Degrees of **H**orizontal **P**olarisation **T**ilt in **C**ounter **C**lock **W**ise direction

If Polarity degree is shown as negative, turn anti clockwise

Satellite Name		Compass	Elevation	VPT CW	VPT CCW	HPT CW	HPT CCW
NSS5	177W	354.8	38.9	78.93	-101.07	-11.07	168.93
IntelSat 701	180E	351.0	39.4	81.99	-98.01	-8.01	171.99
GE23 or AMC23	174E	342.4	40.0	88.27	-91.73	-1.73	178.27
Intelsat 5 (was PAS2)	169E	335.1	39.9	93.57	-86.43	3.57	-176.43
Intelsat 8 (was PAS8)	166E	330.8	39.6	96.71	-83.29	6.71	-173.29
Optus D1	160E	322.3	38.5	102.80	-77.20	12.80	-167.20
Optus C1	156E	316.8	37.4	106.64	-73.36	16.64	-163.36
JCSat 2	154E	314.2	36.7	108.46	-71.52	18.48	-161.52
Optus D2	152E	311.6	36.0	110.26	-69.74	20.26	-159.74
Measat 2	148E	306.6	34.3	113.63	-66.37	23.63	-156.37
Telstar 18 or Apstar 5	138E	295.1	29.3	120.91	-59.09	30.91	-149.09
Apstar 6	134E	290.9	27.0	123.35	-56.65	33.35	-146.65
AsiaSat 4	122E	279.6	19.4	129.24	-50.76	39.24	-140.76
Palapa C2	113E	272.1	13.3	132.38	-47.62	42.38	-137.62
AsiaSat 3S	105.5E	266.3	8.00	134.28	-45.72	44.28	-135.72
AsiaSat 2	100.5E	262.7	4.42	135.22	-44.78	45.22	-134.78
NSS6	95.0E	258.7	0.46	135.98	-44.02	45.98	-134.02

Calculated from Christchurch 43.32S Lat 172.37E Long