



Satellite Positions and Compass Settings from Hamilton, 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	352.5	45.5	80.19	-99.81	-9.81	170.19
IntelSat 701	180E	347.7	45.9	83.96	-96.04	-6.04	173.96
GE23 or AMC23	174E	337.9	46.2	91.68	-88.32	1.68	-178.32
Intelsat 5 (was PAS2)	169E	329.9	45.7	98.06	-81.94	8.06	-171.94
Intelsat 8 (was PAS8)	166E	325.1	45.1	101.78	-78.22	11.78	-168.22
Optus D1	160E	316.0	43.4	108.81	-71.19	18.81	-161.19
Optus C1	156E	310.3	41.8	113.10	-66.90	23.10	-156.90
JCSat 2	154E	307.6	40.9	115.12	-64.88	25.12	-154.88
Optus D2	152E	305.8	40.8	117.04	-62.96	27.04	-152.96
Measat 2	148E	300.0	37.8	120.62	-59.38	30.62	-149.38
Telstar 18 or Apstar 5	138E	288.8	31.6	128.03	-51.97	38.03	-141.97
Apstar 6	134E	284.9	28.8	130.42	-49.58	40.42	-139.58
AsiaSat 4	122E	274.5	20.0	135.98	-44.02	45.98	-134.02
Palapa C2	113E	267.8	13.2	138.81	-41.19	48.81	-131.19
AsiaSat 3S	105.5E	262.8	7.3	140.46	-39.54	50.46	-129.54
AsiaSat 2	100.5E	259.4	3.28	141.24	-38.76	51.24	-128.76
NSS6	95.0E	Below the horizon					

Calculated from Hamilton 37.77S Lat 175.3E Long