



Satellite Positions and Compass Settings from Wellington, 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	350.5	41.62	80.36	-99.64	-9.64	170.36
IntelSat 701	180E	348.4	42.1	83.70	-96.30	-6.30	173.70
GE23 or AMC23	174E	339.3	42.4	90.53	-89.47	0.53	-179.47
Intelsat 5 (was PAS2)	169E	331.7	42.1	96.21	-83.79	6.21	-173.79
Intelsat 8 (was PAS8)	166E	327.3	41.6	99.55	-80.45	9.55	-170.45
Optus D1	160E	318.6	40.2	105.94	-74.06	15.94	-164.06
Optus C1	156E	313.1	38.8	109.90	-70.10	19.90	-160.10
JCSat 2	154E	310.5	38.0	111.79	-68.21	21.79	-158.21
Optus D2	152E	307.9	37.2	113.60	-66.40	23.60	-156.40
Measat 2	148E	302.9	35.3	117.00	-63.00	27.00	-153.00
Telstar 18 or Apstar 5	138E	291.7	29.7	124.20	-55.80	34.20	-145.80
Apstar 6	134E	287.7	27.2	126.58	-53.42	36.58	-143.42
AsiaSat 4	122E	276.8	19.1	132.20	-47.80	42.20	-137.80
Palapa C2	113E	269.7	12.6	135.13	-44.87	45.13	-134.87
AsiaSat 3S	105.5E	264.2	7.05	136.86	-43.14	46.86	-133.14
AsiaSat 2	100.5E	260.7	3.33	137.70	-42.30	47.70	-132.30
NSS6	95.0E	Below the horizon					

Calculated from Wellington 41.17S Lat 174.46E Long