



## Satellite Positions and Compass Settings from Auckland, NZ

### Table Key:

<b>Compass</b>	Use compass to point dish in this direction
<b>Elevation</b>	The up and down angle to set the dish. Use an inclinometer or markings on dish.
<b>VPT CW</b>	Degrees of <b>V</b> ertical <b>P</b> olarisation <b>T</b> ilt in <b>C</b> lock <b>W</b> ise direction
<b>VPT CCW</b>	Degrees of <b>V</b> ertical <b>P</b> olarisation <b>T</b> ilt in <b>C</b> ounter <b>C</b> lock <b>W</b> ise direction
<b>HPT CW</b>	Degrees of <b>H</b> orizontal <b>P</b> olarisation <b>T</b> ilt in <b>C</b> lock <b>W</b> ise direction – see DIY Guide
<b>HPT CCW</b>	Degrees of <b>H</b> orizontal <b>P</b> olarisation <b>T</b> ilt in <b>C</b> ounter <b>C</b> lock <b>W</b> 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	354.2	46.7	78.66	-101.34	-11.34	168.66
IntelSat 701	180E	349.3	47.2	82.57	-97.43	-7.43	172.57
GE23 or AMC23	174E	339.2	47.6	90.62	-89.38	0.62	-179.38
Intelsat 5 (was PAS2)	169E	330.9	47.2	97.32	-82.68	7.32	-172.68
Intelsat 8 (was PAS 8)	166E	326.0	46.7	101.24	-78.76	11.24	-168.76
Optus D1	160E	316.6	45.0	108.64	-71.36	18.64	-161.36
Optus C1	156E	310.7	43.4	113.16	-66.84	23.16	-156.84
JCSat 2	154E	307.9	42.4	115.28	-64.72	25.28	-154.72
Optus D2	152E	305.2	41.5	117.30	-62.70	27.30	-152.70
Measat 2	148E	300.1	39.3	121.05	-58.95	31.05	-148.95
Telstar 18 or Apstar 5	138E	288.8	33.0	128.76	-51.24	38.76	-141.24
Apstar 6	134E	284.9	30.2	131.24	-48.76	41.24	-138.76
AsiaSat 4	122E	274.6	21.2	136.97	-43.03	46.97	-133.03
Palapa C2	113E	267.9	14.1	139.88	-40.12	49.88	-130.12
AsiaSat 3S	105.5E	262.9	8.2	141.58	-38.42	51.58	-128.42
AsiaSat 2	100.5E	259.7	4.2	142.40	-37.60	52.40	-127.60
NSS6	95.0E	Below the horizon					

Calculated from Auckland 36.51S Lat 174.46E Long