



## Satellite Positions and Compass Settings from CHRISTCHURCH, NZ

### Table Key:

|                  |   |
|------------------|---|
| <b>Compass</b>   | Use compass to point dish in this direction                                     |
| <b>Elevation</b> | The up & down angle to set the dish. Use an inclinometer or markings on dish.   |
| <b>VPT CW</b>    | Degrees of Vertical Polarisation Tilt in Clock Wise direction                   |
| <b>VPT CCW</b>   | Degrees of Vertical Polarisation Tilt in Counter Clock Wise direction           |
| <b>HPT CW</b>    | Degrees of Horizontal Polarisation Tilt in Clock Wise direction - see DIY Guide |
| <b>HPT CCW</b>   | Degrees of Horizontal Polarisation Tilt in Counter Clock Wise 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     | 39.4      | 81.99  | -98.01  | -8.01  | 171.99  |
| IntelSat 804 174E        | 342.4   | 40        | 88.27  | -91.73  | -1.73  | 178.27  |
| PAS2 or Panamsat 2 169E  | 335.1   | 39.9      | 93.57  | -86.43  | 3.57   | -176.43 |
| PAS8 or PanamSat 8 166E  | 330.8   | 39.6      | 96.71  | -83.29  | 6.71   | -173.29 |
| OptusB1 160E             | 322.3   | 38.5      | 102.8  | -77.2   | 12.8   | -167.2  |
| OptusC1 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 |
| OptusB3 152E             | 311.6   | 36        | 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/Apstar 5 138E | 295.1   | 29.3      | 120.91 | -59.09  | 30.91  | -149.09 |
| Apstar 6 134E            | 290.9   | 27        | 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         | 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

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