



Countrywide Alignment Table for Optus D1 (Freeview is broadcast from Optus D1)

New Zealand Table for Optus D1:

Azimuth: Magnetic compass bearing (degrees)

Elevation: Elevation above Horizon (degrees)

Town/City	Azimuth	Elevation
Kaitaia	319.3	46.8
Whangarei	317.6	45.8
Auckland	316.9	44.4
Thames	315.6	43.9
Hamilton	316.0	43.4
Rotorua	314.5	42.7
Gisborne	311.8	41.4
Hastings	313.5	40.9
Palmerston North	315.2	40.6
Lower Hutt	316.1	40.0
Wellington	316.3	39.9
Picton	317.4	40.2
Blenheim	317.5	39.9
Westport	321.0	40.3
Arthur's Pass	320.5	39.1
Christchurch	318.8	38.2
Timaru	319.9	37.5
Oamaru	320.7	36.9
Dunedin	321.0	36.2
Invercargill	323.9	36.0
Bluff	323.8	35.7
Stewart Is.	324.1	35.4

Set the dish elevation, this is usually marked on the dish mounting bracket. Use your compass to find the Azimuth bearing. Site the compass bearing up to an object in the distance. Set your dish up to point on the compass bearing, lining it up to the object you noted. You should now have some quality level on your meter or satellite receiver screen. Make fine adjustments by gently moving the dish.

More information can be found at www.hooktech.co.nz