

Name	Radius of Cell (Km)	Elevation (meter)	Antenna AGL (Feet)	Degrees	Minutes	Seconds	North	Degrees	Minutes	Seconds
Aperto Networks Base	25	15	24	37	24	57	North	121	53	24
Distance to nearest airfield in kilometers is	6.5									

24 meter mast is located on relitvly flat terrain with no significant terrian, building, or tree obstructions.

Monument Peak Base	25	743	Unknown	37	29	14	North	121	52	14
Distance to nearest airfield in kilometers is	14									

Antennas will located on a pre-existing tower located on Monument Peak, exact placement not yet set. Will probably not be high on the tower since the we go the more it costs.

Haarley Frazee Base	25	165	5	37	20	52	North	121	46	49
Distance to nearest airfield in kilometers is	3.7									

Antennas are located on the roof of a building on the side of a hill, antennas located less than four meters above the roof. Antannas are located above a airport.

Madhu Base	25	126	5	37	18	52	North	122	4	5
Distance to nearest airfield in kilometers is	10.2									

Antennas located less than two meters above the roof of the house just clearing the chimney

Paul Truong Base	25	166	5	37	17	35	North	121	46	29
Distance to nearest airfield in kilometers is	5.4									

Antennas are located below the roof line of the house, attached to the chimney.

Maximum Transmit Power (dBm)

20

Antenna Specifications

PWA3500V-90

Freq range	3.3 - 3.8
Nominal Gain	16
Beam width	90
Azimuth Elevation	7
Polarization	Vertical

PWA3300D-60

Freq range	3.3 - 3.8
Nominal Gain	16
Beam width	60
Azimuth Elevation	8
Polarization	Dual

PWA3300D-90

Freq range	3.3 - 3.8
Nominal Gain	16
Beam width	90
Azimuth Elevation	7
Polarization	Dual

PWA3500V-120

Freq range	3.3 - 3.8
Nominal Gain	13
Beam width	120
Azimuth Elevation	7
Polarization	Vertical

PWA3500V-360

Freq range	3.3 - 3.8
Nominal Gain	10
Beam width	360
Azimuth Elevation	9
Polarization	Vertical

PWA3300V-360

Freq range	3.3 - 3.6
Nominal Gain	10
Beam width	360
Azimuth Elevation	9
Polarization	Vertical

PacketMax Integrated Antenna

Freq range	3.3 - 3.8
Nominal Gain	15
Beam width	22
Azimuth Elevation	22
Polarization	Vertical

West
West
West
higher
West
a small
West
West