

Palos Verdes Site

Technical Information:

Latitude (NAD27): 033 45 27
Longitude (NAD27): 118 21 37
Ground Elevation (Feet): 1315
Tower Height (Feet): 30
Tip of Antenna (Feet): 45
AAT (Meters):(based upon ant height 14 meters) 389

Latitude (NAD83): 033 45 27.1
Longitude (NAD83): 118 21 40.3
Ground Elevation (Meters): 401
Tower Height (Meters): 9
Tip of Antenna (Meters): 14
AAT (Meters):(based upon ant height 14 meters) 389

Existing Callsign at site: WIK898
Phone Lines: 25 pair feed w/pairs available



Qty	In Use	Not Used	Antennas:	Height	Freq	Combiner Loss
6	6	0	SRL310C4	35	406-512Mhz	3-4db
6	3	3	DB806TLZ	45	851-960Mhz	4.5db
2	2	0	SRL210C2	35	150-174Mhz	3db
1	0	1	PD220	35	150Mhz	N/A

Backup Power: None currently. We are planning to add batteries, but it will not be anytime soon.

Community Satellite Dish: None

Additional Antennas: Require CUP with City & they will not issue permit
OTARD antennas on roof are exempt @ 1 meter dia or less

Our Palos Verdes site is located above the Saint John Fischer Church in the Del Cerro residential neighborhood at a ground elevation of 1315 feet. The radio equipment is located inside the residence with a tower in the back yard. The radio room has ample power, air conditioning and has racks and cable trays installed. Almost all equipment is mounted in open frame racks due to space constraints, however there is a small amount of space for radios in cabinets.

The site has a 360 degree view from the top of the tower. (San Pedro Hill is about 130 feet higher @ 1.3 miles away and blocks the LA Harbor.) The site covers the city side of the hill very well with the exception of the LA Harbor and the Malaga Cove area on the north west end of the Peninsula. The ocean side of the hill is well covered as well as the front side of Catalina Island.

We have Rx multicoupling available at the site. It must be used due to the City regulations. We have receive windows for 440-445Mhz, 456-459Mhz, 466-470Mhz, 474-476Mhz, 510-512Mhz.

We have Tx combining available at the site. It must be used due to the City regulations. We have Tx combiners available for 406-512Mhz, 851-866Mhz and 928-940Mhz.