

File: M1119910 - 1

Original PCN Date: September 02, 2011

Company: WILINE NETWORKS INC

FRN 0011629094 0011629094

Site Name, State	SFOCU0062, CA	SFOPA0031, CA
Call Sign/County	WQFY914/Santa Clara	WQHJ434/Santa Clara
City	Cupertino	PALO ALTO
Latitude	N (NAD83) 37 19 13.0	37 26 56.0
Longitude	W (NAD83) 122 08 33.0	122 09 33.0
Azimuth	(degrees) 354.1	174.1
Elevation	AMSL (ft/m) 2542.6/775.0	45.9/14.0
Ant Struct Reg Num		1017316
Distance	(miles/km) 8.92/14.35	

Transmit-Receive Ant Model	HP4-18	HP4-18
Antenna Manufacturer	RADIO WAVES, INC	RADIO WAVES, INC
Gain/Beamwidth (dbi/deg)	44.5/1.0	44.5/1.0
Antenna Height AGL (ft/m)	40.0/12.2	262.5/80.0
Tilt (degrees)	-2.814	2.717

Equipment Manufacturer	EXALT	EXALT
Equipment Model	EX RC18100	EX RC18100
Stability (%)	0.0007	0.0007
ATPC/Trigger Level (dbm)	NO/	NO/
Fixed Losses Cm,Tx,Rx (db)	0.0,0.0,0.0	0.0,0.0,0.0

Transmit Frequencies (MHz)	19320.0H	19680.0V	17760.0H	18120.0V
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	Mod/Lvl	Emission	Traffic	Tx Power (dBm)			EIRP	Rcv Lvl
			(kbps)	nom	crd	max	(dBm)	(dBm)
--- Side A ---	QAM/256	40M0W7D	249000		17.0		61.5	-35.0
--- Side B ---	QAM/256	40M0W7D	249000		17.0		61.5	-35.0