

File: M1110807 - 1

Original PCN Date: May 11, 2011

Company: WILINE NETWORKS INC

FRN 0011629094 0011629094

Site Name, State	SFOSQ0596, CA	SFOSQ0305, CA
Call Sign/County	/San Mateo	/San Mateo
City	San Carlos	San Carlos
Latitude	N (NAD83) 37 30 15.8	37 30 19.0
Longitude	W (NAD83) 122 15 15.3	122 14 50.4
Azimuth	(degrees) 80.8	260.8
Elevation	AMSL (ft/m) 17.0/5.2	13.0/4.0
Ant Struct Reg Num		
Distance	(miles/km) 0.38/0.62	

Transmit-Receive Ant Model	VHLP1-23	VHLP1-23
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	35.3/3.0	35.3/3.0
Antenna Height AGL (ft/m)	26.5/8.1	44.5/13.6
Tilt (degrees)	0.393	-0.397

Equipment Manufacturer	Stratex Networks	Stratex Networks
Equipment Model	Eclipse ODU300hp	Eclipse ODU300hp
Stability (%)	0.001	0.001
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) 21475.0V 22675.0V

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)	EIRP	Rcv Lvl
			(kbps)	nom crd max	(dBm)	(dBm)
--- Side A	QAM/256	50MOD7W	334000	13.5	48.8	-31.2
--- Side B	QAM/256	50MOD7W	334000	13.5	48.8	-31.2

File: M1110807 - 2

Original PCN Date: May 11, 2011

Company: WILINE NETWORKS INC

FRN 0011629094

0011629094

Site Name, State	SFOSU0594, CA	SFOSU0595, CA
Call Sign/County	/Santa Clara	/Santa Clara
City	Sunnyvale	Sunnyvale
Latitude	N (NAD83) 37 24 20.4	37 24 25.8
Longitude	W (NAD83) 122 01 09.4	122 01 15.2
Azimuth	(degrees) 319.5	139.5
Elevation	AMSL (ft/m) 19.0/5.8	17.0/5.2
Ant Struct Reg Num		
Distance	(miles/km) 0.14/0.22	

Transmit-Receive Ant Model	VHLP1-23	VHLP1-23
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	35.3/3.0	35.3/3.0
Antenna Height AGL (ft/m)	43.5/13.3	30.5/9.3
Tilt (degrees)	-1.204	1.202

Equipment Manufacturer	Stratex Networks	Stratex Networks
Equipment Model	Eclipse ODU300hp	Eclipse ODU300hp
Stability (%)	0.001	0.001
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)	21325.0V	22525.0V
----------------------------	----------	----------

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)			EIRP	Rcv Lvl
			(kbps)	nom	crd	max	(dBm)	(dBm)
--- Side A	QAM/256	50MOD7W	334000		13.5		48.8	-22.1
--- Side B	QAM/256	50MOD7W	334000		13.5		48.8	-22.1

File: M1110807 - 3

Original PCN Date: May 11, 2011

Company: WILINE NETWORKS INC

FRN 0011629094

0011629094

Site Name, State	SFORC0230, CA	SFOSQ0305, CA
Call Sign/County	/San Mateo	/San Mateo
City	Redwood City	San Carlos
Latitude	N (NAD83) 37 29 40.3	37 30 19.0
Longitude	W (NAD83) 122 13 44.5	122 14 50.4
Azimuth	(degrees) 306.4	126.4
Elevation	AMSL (ft/m) 6.0/1.8	13.0/4.0
Ant Struct Reg Num		
Distance	(miles/km) 1.25/2.01	

Transmit-Receive Ant Model	VHLP1-23	VHLP1-23
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	35.3/3.0	35.3/3.0
Antenna Height AGL (ft/m)	51.0/15.5	44.5/13.6
Tilt (degrees)	-0.003	-0.011

Equipment Manufacturer	Stratex Networks	Stratex Networks
Equipment Model	Eclipse ODU300hp	Eclipse ODU300hp
Stability (%)	0.001	0.001
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)	21375.0V	22575.0V
----------------------------	----------	----------

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)	EIRP	Rcv Lvl
			(kbps)	nom crd max	(dBm)	(dBm)
--- Side A	QAM/256	50MOD7W	334000	13.5	48.8	-41.4
--- Side B	QAM/256	50MOD7W	334000	13.5	48.8	-41.4