

File: M1130805 - 1

Original PCN Date: November 16, 2011

Company: NEXTWEB INC

FRN 0004515185

0004515185

Site Name, State	MPS, CA	STJ, CA
Call Sign/County	WPRS716/Santa Clara	WPTN458/Santa Clara
City	Milpitas	San Jose
Latitude N (NAD83)	37 25 21.0	37 20 15.8
Longitude W (NAD83)	121 55 12.0	121 53 38.3
Azimuth (degrees)	166.2	346.2
Elevation AMSL (ft/m)	20.0/6.1	85.0/25.9
Ant Struct Reg Num		
Distance (miles/km)	6.02/9.69	
Transmit-Receive Ant Model	VHLP3-18	VHLP3-18
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	43.5/1.1	43.5/1.1
Antenna Height AGL (ft/m)	120.1/36.6	172.9/52.7
Tilt (degrees)	0.180	-0.245
Equipment Manufacturer	CERAGON NETWORKS	CERAGON NETWORKS
Equipment Model	FIBEAIR 1500 IPMAX AMR	FIBEAIR 1500 IPMAX AMR
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)	19625.0V	18065.0V

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)		
			(kbps)	nom	crd	max
					EIRP (dBm)	Rcv Lvl (dBm)
--- Side A ---						
	QAM/256	50M0D7W	360000	19.0	62.5	-31.6
	QAM/128	50M0D7W	320000	19.0	62.5	-31.6
	QAM/64	50M0D7W	270000	19.0	62.5	-31.6
	QAM/32	50M0D7W	220000	19.0	62.5	-31.6
	QAM/16	50M0D7W	180000	19.0	62.5	-31.6
	QPSK/0	50M0D7W	90000	19.0	62.5	-31.6
--- Side B ---						
	QAM/256	50M0D7W	360000	19.0	62.5	-31.6
	QAM/128	50M0D7W	320000	19.0	62.5	-31.6
	QAM/64	50M0D7W	270000	19.0	62.5	-31.6
	QAM/32	50M0D7W	220000	19.0	62.5	-31.6
	QAM/16	50M0D7W	180000	19.0	62.5	-31.6
	QPSK/0	50M0D7W	90000	19.0	62.5	-31.6

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Original PCN Date: November 16, 2011

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Site Name, State	MPT, CA	SCA, CA
Call Sign/County	WQHP525/Santa Clara	WPTN459/Santa Clara
City	San Jose	San Jose
Latitude	N (NAD83) 37 20 04.0	37 19 02.4
Longitude	W (NAD83) 121 53 30.0	121 56 40.5
Azimuth	(degrees) 248.0	67.9
Elevation	AMSL (ft/m) 72.2/22.0	148.0/45.1
Ant Struct Reg Num		
Distance	(miles/km) 3.14/5.06	

Transmit-Receive Ant Model	VHLP2-18B	VHLP2-18B
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	38.9/2.1	38.9/2.1
Antenna Height AGL (ft/m)	194.9/59.4	156.2/47.6
Tilt (degrees)	0.111	-0.145

Equipment Manufacturer	CERAGON NETWORKS	CERAGON NETWORKS
Equipment Model	IP10 18 50MHZ AMR	IP10 18 50MHZ AMR
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)	17815.0V	17965.0H	19375.0V	19525.0H
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	Mod/Lvl	Emission	Traffic	Tx Power (dBm)		
			(kbps)	nom	crd	max
						(dBm) (dBm)

--- Side A ---						
	QAM/256	50M0D7W	337460	18.0	56.9	-36.2
	QAM/256	50M0D7W	313400	18.0	56.9	-36.2
	QAM/128	50M0D7W	274450	20.0	58.9	-34.2
	QAM/64	50M0D7W	237840	20.0	58.9	-34.2
	QAM/32	50M0D7W	184570	20.0	58.9	-34.2
	QAM/16	50M0D7W	146690	21.0	59.9	-33.2
	PSK/8	50M0D7W	105850	22.0	60.9	-32.2
	QPSK/0	50M0D7W	67670	22.0	60.9	-32.2

--- Side B ---						
	QAM/256	50M0D7W	337460	18.0	56.9	-36.2
	QAM/256	50M0D7W	313400	18.0	56.9	-36.2
	QAM/128	50M0D7W	274450	20.0	58.9	-34.2
	QAM/64	50M0D7W	237840	20.0	58.9	-34.2
	QAM/32	50M0D7W	184570	20.0	58.9	-34.2
	QAM/16	50M0D7W	146690	21.0	59.9	-33.2
	PSK/8	50M0D7W	105850	22.0	60.9	-32.2
	QPSK/0	50M0D7W	67670	22.0	60.9	-32.2

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Original PCN Date: November 16, 2011

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Site Name, State	BKM, CA	MTV, CA
Call Sign/County	WQAA289/Santa Clara	WPRS719/Santa Clara
City	Palo Alto	Mountain View
Latitude	N (NAD83) 37 19 13.0	37 24 06.0
Longitude	W (NAD83) 122 08 33.0	122 06 45.0
Azimuth	(degrees) 16.4	196.4
Elevation	AMSL (ft/m) 2541.0/774.5	70.9/21.6
Ant Struct Reg Num		
Distance	(miles/km) 5.85/9.42	

Transmit-Receive Ant Model	VHLP3-18	VHLP3-18
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	43.5/1.1	43.5/1.1
Antenna Height AGL (ft/m)	45.9/14.0	169.9/51.8
Tilt (degrees)	-4.375	4.311

Equipment Manufacturer	CERAGON NETWORKS	CERAGON NETWORKS
Equipment Model	IP10 18 56MHZ AMR	IP10 18 56MHZ AMR
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) 19460.0V 17900.0V

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)		
			(kbps)	nom	crd	max
						EIRP (dBm)
						Rcv Lvl (dBm)

--- Side A ---						
	QAM/256	55M0D7W	366780	18.0		61.5
	QAM/256	55M0D7W	337870	18.0		61.5
	QAM/128	55M0D7W	297080	19.0		62.5
	QAM/64	55M0D7W	247620	19.0		62.5
	QAM/32	55M0D7W	199500	19.0		62.5
	QAM/16	55M0D7W	150060	19.0		62.5
	PSK/8	55M0D7W	113470	19.0		62.5
	QPRS/0	55M0G7W	75990	19.0		62.5

--- Side B ---						
	QAM/256	55M0D7W	366780	13.0		56.5
	QAM/256	55M0D7W	337870	13.0		56.5
	QAM/128	55M0D7W	297080	13.0		56.5
	QAM/64	55M0D7W	247620	13.0		56.5
	QAM/32	55M0D7W	199500	13.0		56.5
	QAM/16	55M0D7W	150060	13.0		56.5
	PSK/8	55M0D7W	113470	13.0		56.5
	QPRS/0	55M0G7W	75990	13.0		56.5

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Original PCN Date: November 16, 2011

Company: NEXTWEB INC

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Site Name, State	BKM, CA	Bloom Energy (Dailey), CA
Call Sign/County	WQAA289/Santa Clara	/Santa Clara
City	Palo Alto	Sunnyvale
Latitude N (NAD83)	37 19 13.0	37 25 03.1
Longitude W (NAD83)	122 08 33.0	122 03 09.0
Azimuth (degrees)	36.4	216.5
Elevation AMSL (ft/m)	2541.0/774.5	15.7/4.8
Ant Struct Reg Num		
Distance (miles/km)	8.34/13.42	

Transmit-Receive Ant Model	VHLP2-18B	VHLP2-18B
Antenna Manufacturer	ANDREW	ANDREW
Gain/Beamwidth (dbi/deg)	38.9/2.1	38.9/2.1
Antenna Height AGL (ft/m)	39.4/12.0	32.8/10.0
Tilt (degrees)	-3.337	3.246

Equipment Manufacturer	CERAGON NETWORKS	CERAGON NETWORKS
Equipment Model	IP10-18-C40-16QAM	IP10-18-C40-16QAM
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) 19360.0H 17800.0H

	Mod/Lvl	Emission	Traffic	Tx Power (dBm)	EIRP	Rcv Lvl
			(kbps)	nom crd max	(dBm)	(dBm)
--- Side A ---	QAM/16	40M0D7W	120870	21.0	59.9	-41.7
--- Side B ---	QAM/16	40M0D7W	120870	21.0	59.9	-41.7