

Microwave Path Data Sheet

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PCN Date: 08/15/2010

Job Number: 100815COMSFB07

New Path

RCN Number: 10081506

Administrative Information**BERKLEY BOT CA**City/County
Oakland/Alameda
Status / License Basis
Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code
NWCNLA
Licensee Name
New Cingular Wireless PCS – Los Ang
Radio Service / Station Class
CF -- Point-to-Point Microwave, Common Carrier**UC BERKLEY CA**Berkeley/Alameda
Engineering Proposal / PRIMARY OPERATION
NWCNLA
New Cingular Wireless PCS – Los Ang
FXO -- Fixed**Site Information**

Latitude (NAD 83)	37 °52' 33.7~ N	37 °51' 29.4~ N
Longitude (NAD 83)	122 °14' 30.9~ W	122 °15' 31.6~ W
Ground Elevation (m/ft-AMSL)	275.97 / 905.4	63.99 / 209.9
Antenna Structure Registration #		
Path Azimuth (°)	216.815	36.805
Path Length (km / miles)	2.476 / 1.539	

Transmit Antenna87204A
Manufacturer
ANDREW CORPORATION
Model
VHLP2-18B
Gain(dBi) / Beamwidth(°) / Tilt(°)
38.9 / 2.10 / -4.48
Centerline (m / ft – AGL)
10.67 / 35.087204A
ANDREW CORPORATION
VHLP2-18B
38.9 / 2.10 / 4.46
28.96 / 95.0**Receive Antenna**

Same As Transmit

Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft – AGL)**Diversity Receive Antenna**Manufacturer
Model
Gain (dBi) / Beamwidth (°)
Centerline (m / ft – AGL)**Radio Information**TEMT62
Alcatel-Lucent USA, Inc.
95MPR18-O128F10-53
9500 MPR Outdoor Fixed Modulation
10M0D7W 128 QAM
1 CH DIG 52640.000
0.001
Nominal Coordinated Maximum
15.5
-37.2
50.2
Fixed Loss: Tx / Common (dB)
0.0 / 4.2
Free Space Loss (dB)
125.8TEMT62
Alcatel-Lucent USA, Inc.
95MPR18-O128F10-53
9500 MPR Outdoor Fixed Modulation
10M0D7W 128 QAM
1 CH DIG 52640.000
0.001
Nominal Coordinated Maximum
15.5
-37.2
53.9
0.0 / 0.5**Transmit Frequencies (MHz)** 19405.0000V(3)

17845.0000V(3)