

**Microwave Path Data Sheet**

Page 1 of 1

**COMSEARCH**19700 Janelia Farm Boulevard, Ashburn, VA, 20147  
(703)726-5655 [www.comsearch.com](http://www.comsearch.com)

PCN Date: 02/21/2011

Job Number: 110221COMSAN02

New Path

RCN Number: 11022105

**Administrative Information****CAPITOL & MA CA**City/County San Jose/Santa Clara  
Status / License Basis Engineering Proposal / PRIMARY OPERATION  
Call Sign  
Licensee Code P7469  
Licensee Name Sacramento Valley Limited Partnersh  
Radio Service / Station Class CF -- Point-to-Point Microwave, Common Carrier**SAN JOSE EAS CA**City/County San Jose/Santa Clara  
Status / License Basis Engineering Proposal / PRIMARY OPERATION  
Call Sign  
Licensee Code P7469  
Licensee Name Sacramento Valley Limited Partnersh  
Radio Service / Station Class FXO -- Fixed**Site Information**Latitude (NAD 83) 37 °22' 31.9" N 37 °21' 45.8" N  
Longitude (NAD 83) 121 °51' 15.5" W 121 °50' 56.8" W  
Ground Elevation (m/ft-AMSL) 39.62 / 130.0 30.48 / 100.0  
Antenna Structure Registration # 1274319  
Path Azimuth (°) 162.059 342.062  
Path Length (km / miles) 1.494 / 0.928**Transmit Antenna**Manufacturer 97217A ANDREW CORPORATION  
Model VHLPX2-23B  
Gain(dBi) / Beamwidth(°) / Tilt(°) 40.5 / 1.70 / -0.51 40.5 / 1.70 / 0.50  
Centerline (m / ft - AGL) 30.48 / 100.0 26.52 / 87.0**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****TEMQ92**Manufacturer Aviat Networks, Inc.  
Model EH23-1DS3-64QAM-10  
Model Description ECLIPSE ODU 300 HP  
Emission Designator / Modulation 10M0D7W 64 QAM  
Loading 672 CH DIG 48900.000  
Stability (%) 0.001  
Nominal Coordinated Maximum  
Power (dBm) 16.5  
Received Level (dBm) -39.3  
EIRP (dBm) 47.0  
Fixed Loss: Tx / Common (dB) 0.0 / 10.0  
Free Space Loss (dB) 122.8**TEMQ92**Manufacturer Aviat Networks, Inc.  
Model EH23-1DS3-64QAM-10  
Model Description ECLIPSE ODU 300 HP  
Emission Designator / Modulation 10M0D7W 64 QAM  
Loading 672 CH DIG 48900.000  
Stability (%) 0.001  
Nominal Coordinated Maximum  
Power (dBm) 16.5  
Received Level (dBm) -39.3  
EIRP (dBm) 53.0  
Fixed Loss: Tx / Common (dB) 0.0 / 4.0**Transmit Frequencies (MHz)** 21825.0000V(11)

23025.0000V(11)