

Microwave Path Data Sheet

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PCN Date: 05/11/2011

Prev Job Num: 100312COMSKN02

Job Number: 110511COMSKN02

RCN Number: 11051136

Administrative Information**SAN JOSE 15 CA****DIABLO 45 CA**City/County San Jose/Santa Clara
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign WPOS357
Licensee Code P6775
Licensee Name AT&T California
Radio Service / Station Class CF -- Point-to-Point Microwave, Common Carrier/Santa Clara
Engineering Proposal / PRIMARY OPERATION
WPOT283
P6775
AT&T California
FXO -- Fixed**Site Information**Latitude (NAD 83) 37 °18' 29.7 " N
Longitude (NAD 83) 121 °46' 40.1 " W
Ground Elevation (m/ft-AMSL) 83.00 / 272.3
Antenna Structure Registration # 1049603
Path Azimuth (°) 50.719
Path Length (km / miles) 2.586 / 1.60737 °19' 22.8" N
121 °45' 18.8" W
292.61 / 960.0
1049603
230.732**Transmit Antenna**CB0079
Manufacturer RFS
Model DA4-190
Gain(dBi) / Beamwidth(°) / Tilt(°) 44.7 / 0.90 / 4.70
Centerline (m / ft - AGL) 5.73 / 18.8CB0059
RFS
DA2-190
38.9 / 1.90 / -4.72
9.14 / 30.0**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**TEMB36
Manufacturer NEC AMERICA
Model TRP-18G-1A
Model Description NLITE SPLIT ARCHITECTURE
Emission Designator / Modulation 20M0G7W 4 PSK
Loading 384 CH DIG 29751.000
Stability (%) 0.001
Nominal Coordinated Maximum
Power (dBm) 19.0
Received Level (dBm) -25.6
EIRP (dBm) 62.7TEMB36
NEC AMERICA
TRP-18G-1A
NLITE SPLIT ARCHITECTURE
20M0G7W 4 PSK
384 CH DIG 29751.000
0.001
Nominal Coordinated Maximum
19.0
-25.6
56.9Fixed Loss: Tx / Common (dB) 0.0 / 1.0
Free Space Loss (dB) 126.2

0.0 / 1.0

Transmit Frequencies (MHz) 19410.0000V(8)

17850.0000V(8)