

Microwave Path Data Sheet

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PCN Date: 10/26/2010

Job Number: 101026COMSFB01

New Path

RCN Number: 10102623

Administrative Information**SC10576D CA**City/County /Kings
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code OMNPTC
Licensee Name T-Mobile License LLC
Radio Service / Station Class CF -- Point-to-Point Microwave, Common Carrier**SC08821A CA**City/County /Kings
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code OMNPTC
Licensee Name T-Mobile License LLC
Radio Service / Station Class FXO -- Fixed**Site Information**

Latitude (NAD 83)	36 °15' 41.7" N	36 °13' 56.3" N
Longitude (NAD 83)	119 °52' 8.3" W	119 °47' 19.2" W
Ground Elevation (m/ft-AMSL)	60.61 / 198.9	60.00 / 196.9
Antenna Structure Registration #		
Path Azimuth (°)	114.208	294.256
Path Length (km / miles)	7.915 / 4.918	

Transmit Antenna81301E
ERICSSON
Model UKY 210 77/SC11
Gain(dBi) / Beamwidth(°) / Tilt(°) 39.2 / 2.30 / -0.21
Centerline (m / ft - AGL) 38.10 / 125.081301E
ERICSSON
Model UKY 210 77/SC11
Gain(dBi) / Beamwidth(°) / Tilt(°) 39.2 / 2.30 / 0.15
Centerline (m / ft - AGL) 13.72 / 45.0**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**TEMJ02
ERICSSON
Model MLTN18G16DS1RAU1N
Model Description MINI-LINK TN (AGILE) 16DS1
Emission Designator / Modulation 20M0G7W CQPSK
Loading 384 CH DIG 24704.000
Stability (%) 0.001TEMJ02
ERICSSON
Model MLTN18G16DS1RAU1N
Model Description MINI-LINK TN (AGILE) 16DS1
Emission Designator / Modulation 20M0G7W CQPSK
Loading 384 CH DIG 24704.000
Stability (%) 0.001

	Nominal	Coordinated	Maximum
Power (dBm)		17.0	
Received Level (dBm)		-42.5	
EIRP (dBm)		55.2	

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Received Level (dBm)		-42.5	
EIRP (dBm)		55.2	

Fixed Loss: Tx / Common (dB) 0.0 / 1.0
Free Space Loss (dB) 135.9

0.0 / 1.0

Transmit Frequencies (MHz) 17890.0000V(10)

19450.0000V(10)