

Microwave Path Data Sheet

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COMSEARCH

19700 Janelia Farm Boulevard, Ashburn, VA, 20147

(703)636-5234 www.comsearch.com

PCN Date: 06/24/2011

Job Number: 110624COMSDS02

New Path

RCN Number: 11062430

Administrative Information

DLS0454 TX

City/County /Collin
Status / License Basis Engineering Proposal / PRIMARY OPERATION
Call Sign
Licensee Code FIBTOW
Licensee Name FiberTower Network Services Corp.
Radio Service / Station Class CF -- Point-to-Point Microwave, Common Carrier

DLSFP04 TX

Plano/Collin
Engineering Proposal / PRIMARY OPERATION
FIBTOW
FiberTower Network Services Corp.
FXO -- Fixed

Site Information

Latitude (NAD 83)	33 ° 0' 42.0" N	33 ° 1' 47.0" N
Longitude (NAD 83)	96 ° 37' 50.0" W	96 ° 42' 23.0" W
Ground Elevation (m/ft-AMSL)	163.20 / 535.4	195.07 / 640.0
Antenna Structure Registration #		
Path Azimuth (°)	285.882	105.841
Path Length (km / miles)		7.360 / 4.573

Transmit Antenna

72261R

Manufacturer RADIO WAVES, INC
Model HPD3-11
Gain(dBi) / Beamwidth(°) / Tilt(°) 36.7 / 2.20 / 0.20
Centerline (m / ft - AGL) 30.48 / 100.0

72261R

RADIO WAVES, INC
HPD3-11
36.7 / 2.20 / -0.25
27.43 / 90.0

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

TENL35

Manufacturer EXALT COMMUNICATIONS INC.
Model E11F751-490X-256-80
Model Description ExtremeAir 256QAM
Emission Designator / Modulation 80M0W7D 256 QAM
Loading 1 CH DIG 500000.000
Stability (%) 0.0007
Nominal Coordinated Maximum
Power (dBm) 22.0
Received Level (dBm) -35.4
EIRP (dBm) 58.7

TENL35

EXALT COMMUNICATIONS INC.
E11F751-490X-256-80
ExtremeAir 256QAM
80M0W7D 256 QAM
1 CH DIG 500000.000
0.0007
Nominal Coordinated Maximum
22.0
-35.4
58.7

Fixed Loss: Tx / Common (dB) 0.0 / 0.0

Free Space Loss (dB) 130.8

0.0 / 0.0

Transmit Frequencies (MHz) 10955.0000B

11445.0000B