

Microwave Path Data Sheet

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COMSEARCH

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PCN Date: 04/27/2016

Job Number 160427COMSDS05

New Path

RCN Number: 16042794

Administrative Information	GRAND PRARIE TX	RXONLY TX
City/County	Grand Prairie/DALLAS	Grand Prairie/DALLAS
Status / License Basis	Engineering Proposal / SECONDARY OPERATION	Engineering Proposal / SECONDARY OPERATION
Call Sign		
Licensee Code	RCASTR	RCASTR
Licensee Name	Lockheed Martin Corporation	Lockheed Martin Corporation
Radio Service / Station Class	MG -- Microwave Industrial/Business Pool	MO5 -- Mobile & Temporary Fixed

Site Information Temporary Fixed Location Within 2.0 Km Radius of Transmit Coordinates

Latitude (NAD 83)	32 ° 43' 3.0" N	VARIOUS
Longitude (NAD 83)	97 ° 1' 42.0" W	VARIOUS
Ground Elevation (m/ft-AMSL)	VARIOUS	VARIOUS
Antenna Structure Registration #		
Path Azimuth (°)	VARIOUS	VARIOUS
Path Length (km / miles)	VARIOUS	

Transmit Antenna	O00000
Manufacturer	OMNI
Model	OMNI DIRECTIONAL
Gain(dBi) / Beamwidth(°) / Tilt(°)	10.0 / 198.00 / -0.04
Centerline (m / ft - AGL)	5.00 / 16.4

Receive Antenna	O00000
Manufacturer	OMNI
Model	OMNI DIRECTIONAL
Gain (dBi) / Beamwidth (°)	10.0 / 198.00
Centerline (m / ft - AGL)	VARIOUS

Diversity Receive Antenna

Manufacturer	
Model	
Gain (dBi) / Beamwidth (°)	
Centerline (m / ft - AGL)	

Radio Information	TEMP20	999999
Manufacturer	ALL MANUFACTURERS	RECEIVE
Model	TEST SIGNAL	ONLY
Model Description		
Emission Designator / Modulation	10M0D1D	
Loading	1 CH DIG	1 CH DIG
Stability (%)	0.001	0.001
	Nominal Coordinated Maximum	Nominal Coordinated Maximum
Power (dBm)	30.0	
Received Level (dBm)		VARIOUS
EIRP (dBm)	40.0	
Fixed Loss: Tx / Common (dB)	0.0 / 0.0	0.0 / 0.0
Free Space Loss (dB)		VARIOUS

Transmit Frequencies (MHz) 6825.0000V(9)