



Figure 7 White River to Zionsville Tank

Transmitter W 16th Street
Receiver Zionsville

NAME	TRANSMIT	RECEIVE
Freq(MHz)	150.00000	150.00000
Latitude	39 47 25.44 N	39 57 26.04 N
Longitude	86 10 36.90 W	86 16 31.44 W
Elv (ft AMSL)	698.8189	898.9501
Ant Ht(ft AGL)	80.0000	100.0000
Bearing (deg T)	335.57°	155.51°
Orien (deg T)	0.00°	0.00°
Tilt (deg)	0.19°	-0.19°
Line #1 Ls (dB)	1.50	1.80
Line #2 Ls (dB)	0.00	0.00
Other Ls (dB)	0.00	0.00
Antenna Gn	3.98 REL	3.98 REL
Ant Gn on Az	5.67 dBd	5.70 dBd
Polarization	none	
Other Gn (dB)	0.00	0.00

PATH DATA	SYSTEM
Distance (mi)	12.64
Free Sp Ls (dB)	97.86
Trnsm Loss(dB)	24.83(LR)
Other Ls (dB)	0.00

SYSTEM SUMMARY	SYSTEM
Total Gn (dB)	11.37
Total Ls (dB)	-125.99
TX Power (dBm)	36.02
RX Thresh (dBm)	-101.00
RSL (dBm)	-78.60
TFM (dB)	22.40