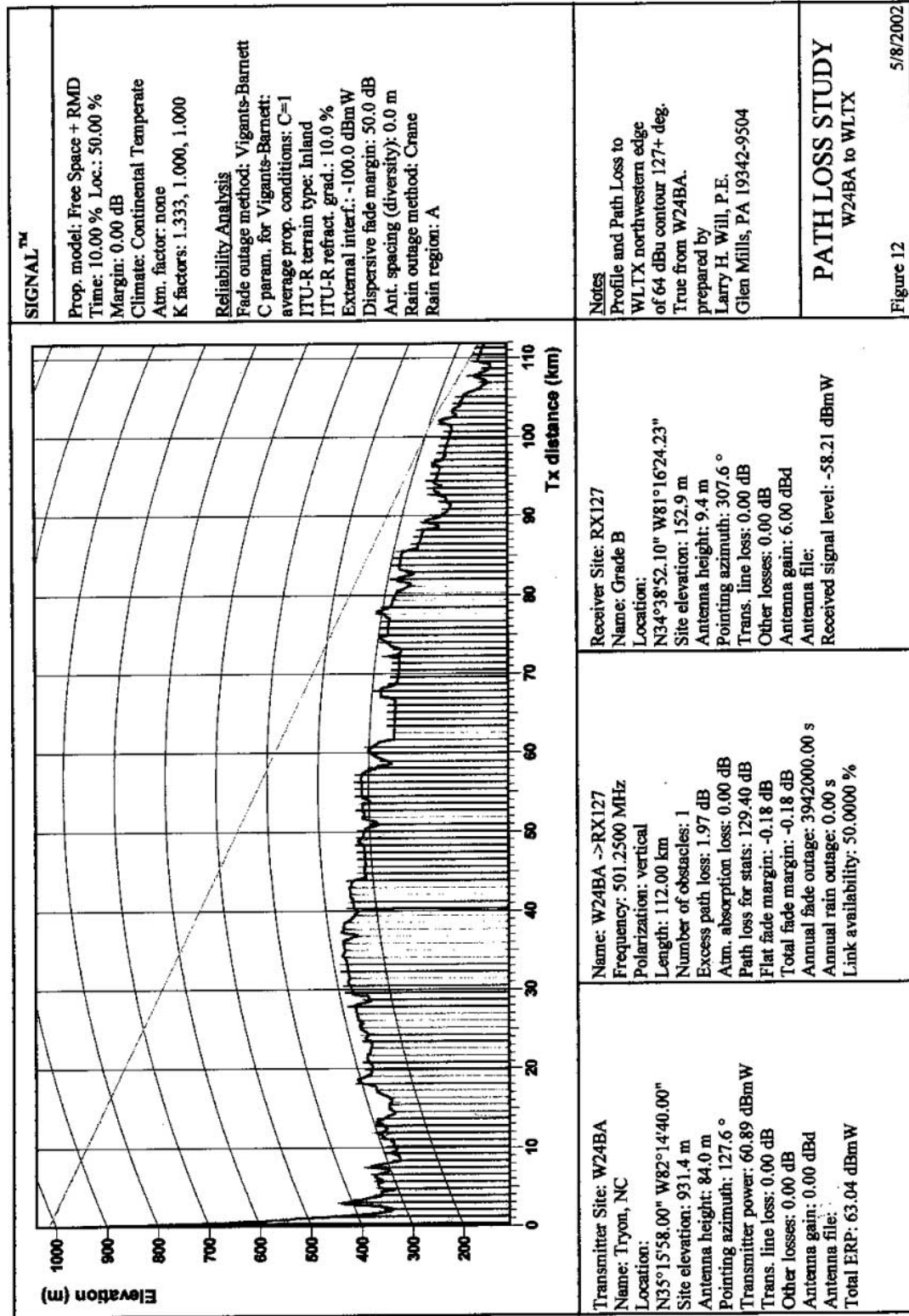
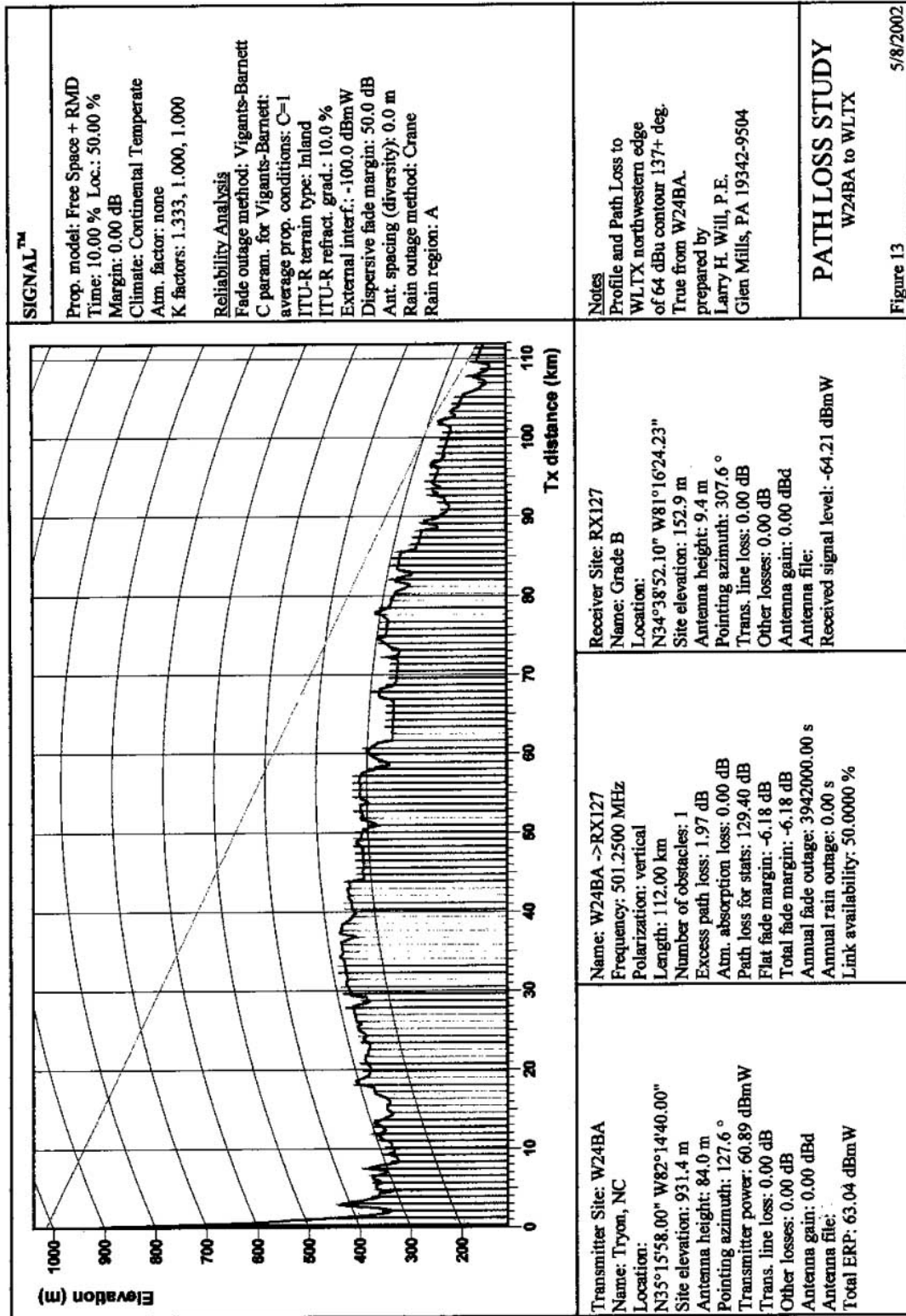


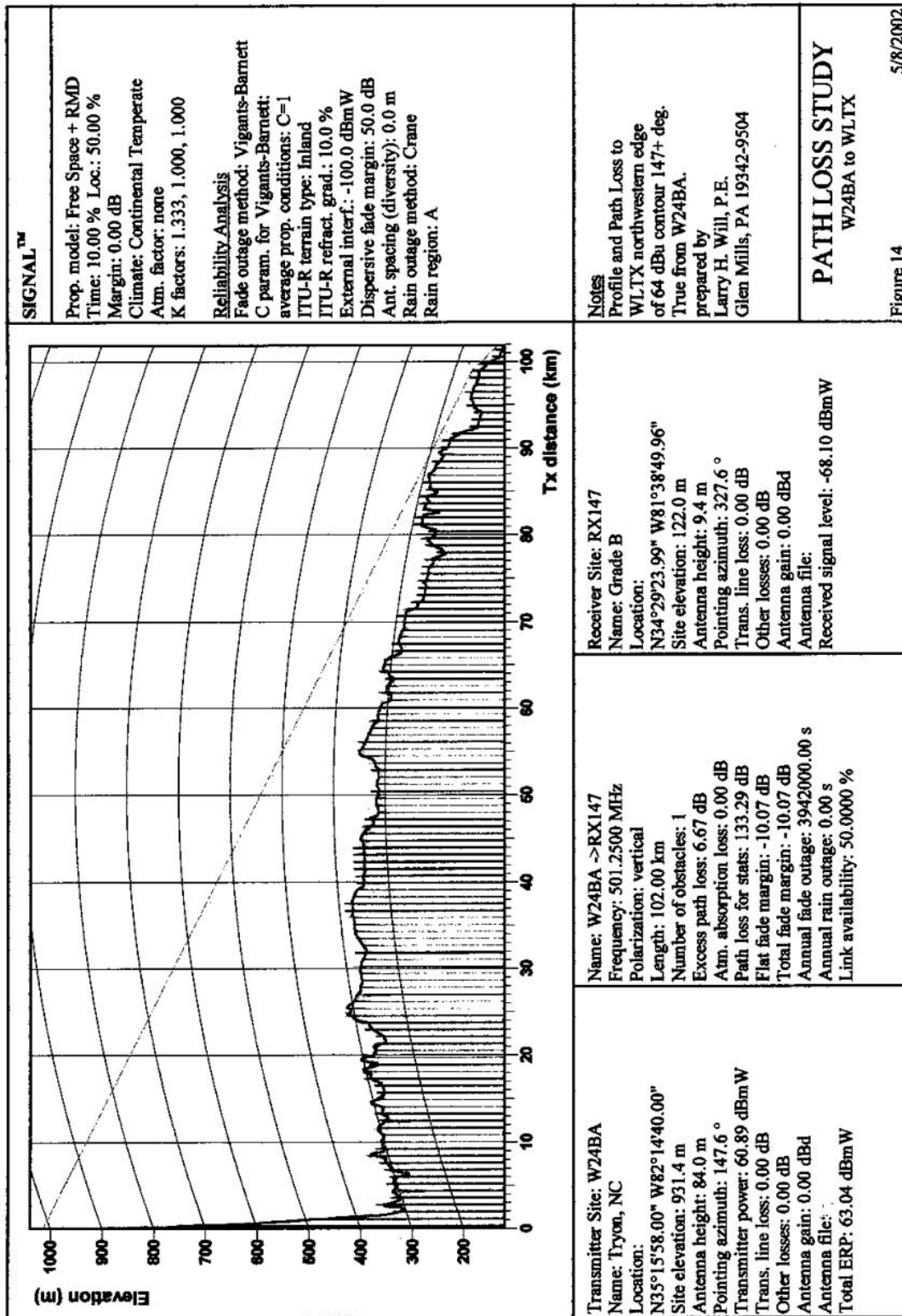
Figure 11

5/8/2002

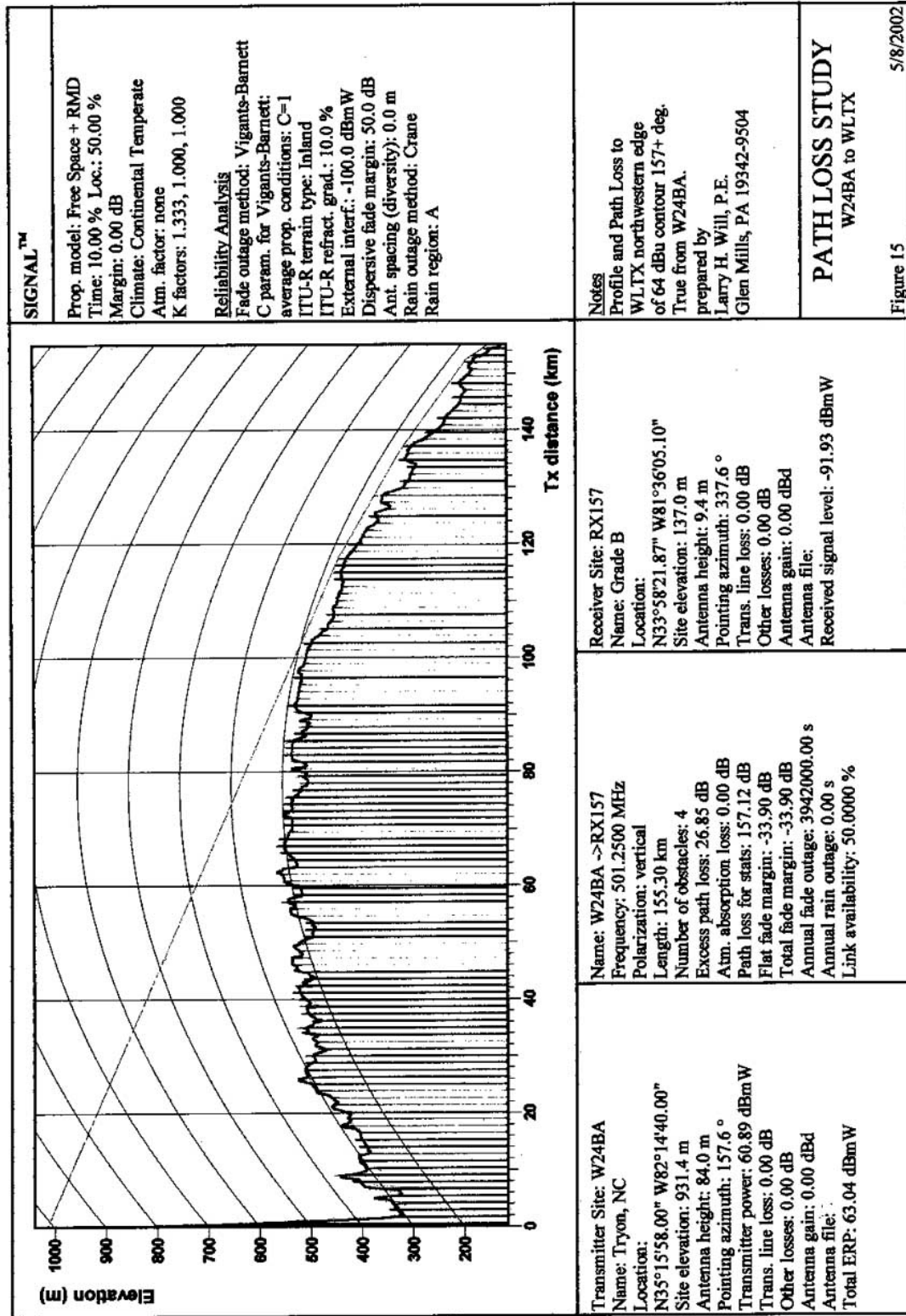




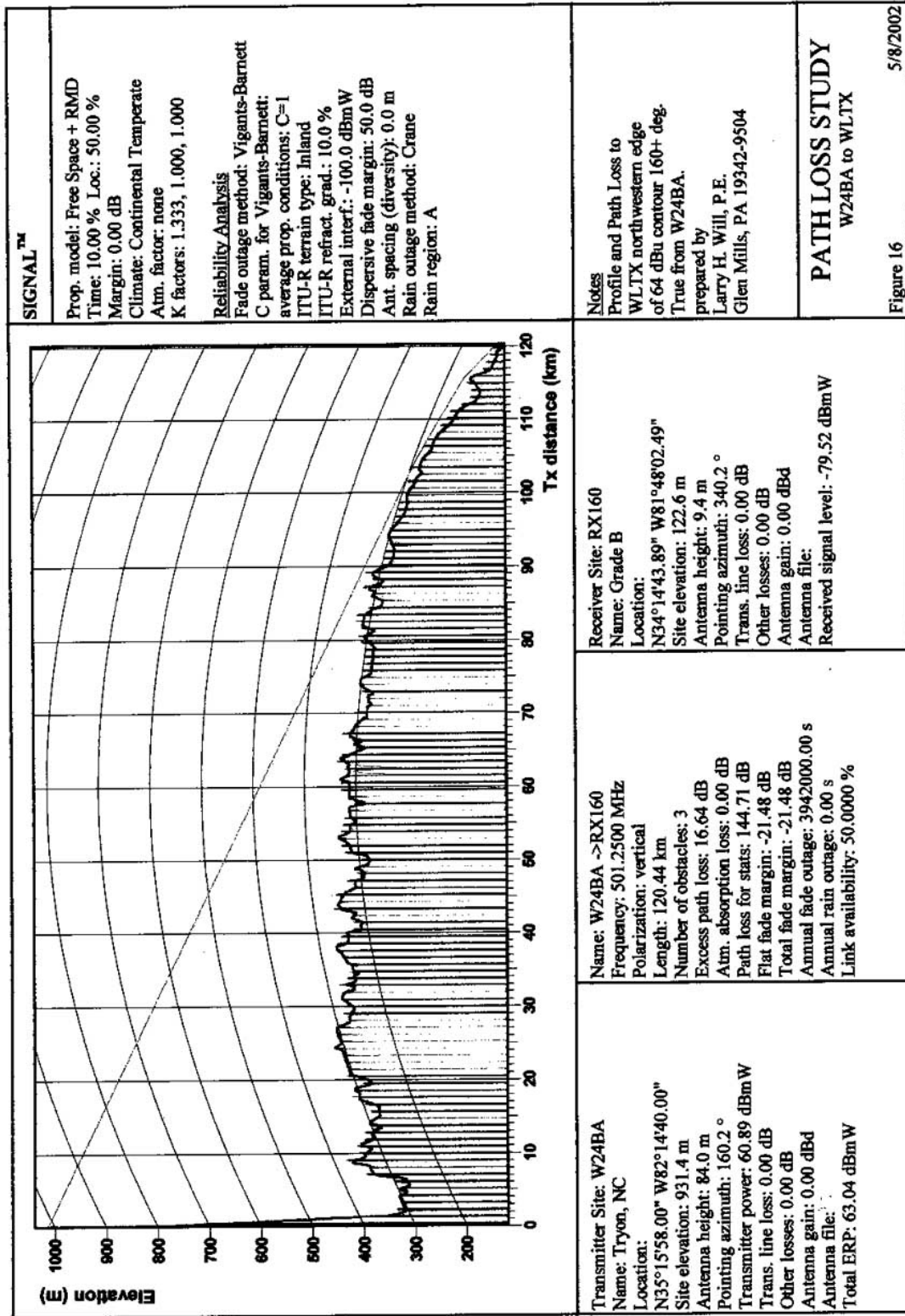
Link Study: trn/w24BA-RX147.trn

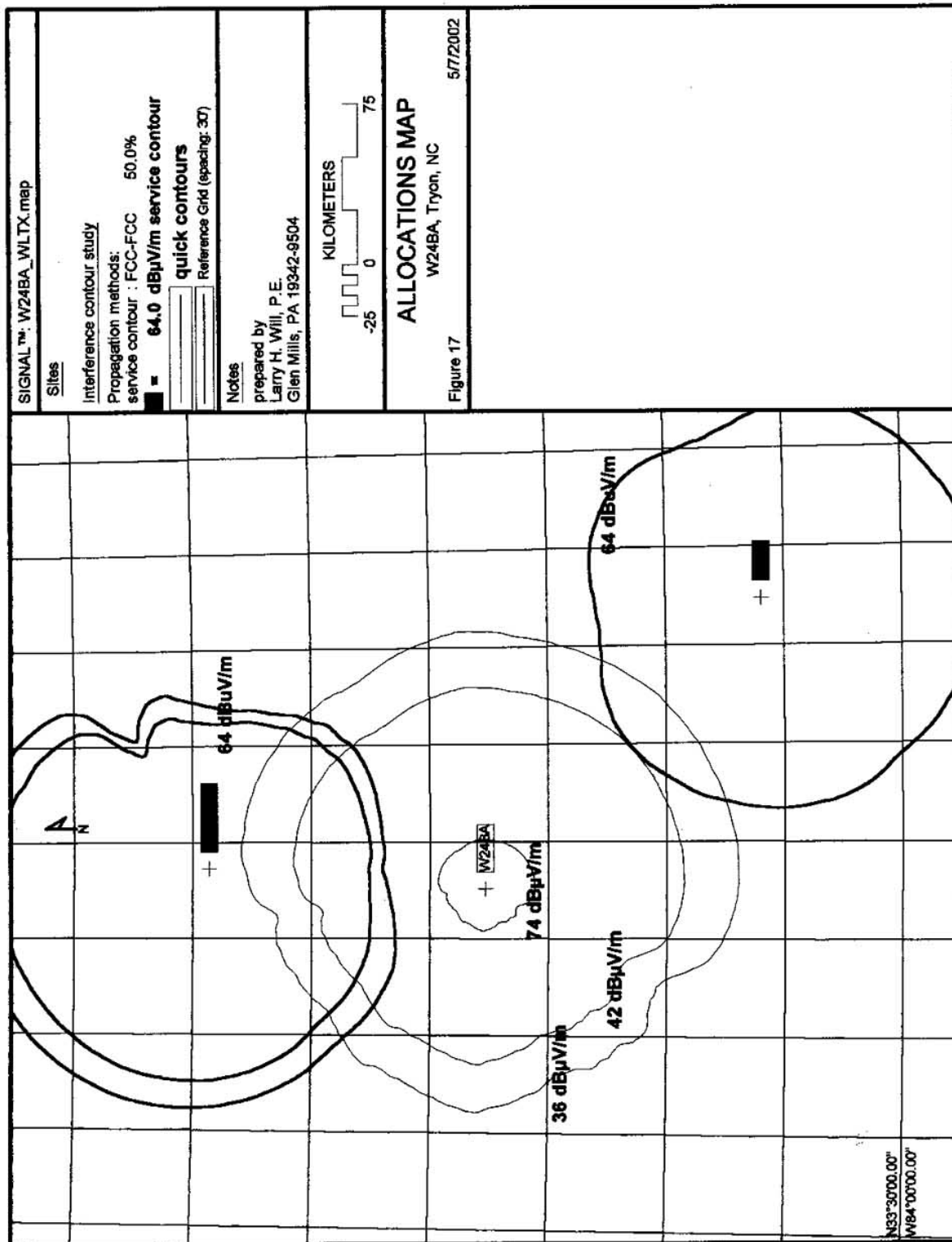


Link Study: trn/W24BA-RX157.trn



Link Study: trn/W24BA-RX160.trn





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***** TV CHANNEL INTERFERENCE STUDY *****

Job title: W24BA_MOD
 Proposed latitude: N 35 15 58.00
 Proposed longitude: W 82 14 40.00
 Proposed transmit antenna elevation(AMSL):1021.0 meters
 Proposed maximum ERP: 1.2300 kW
 Database file name: C:\FCC_DATA\FCC New
 Data\2002\March2\tv_merge\Tv020318.edx
 Proposed offset: - offset
 Proposed zone: 2

Proposed channel: 19

CH	Call	Record	City	ST Z	Status	Bear.	Dist.	Reqd. Dist.	Result
19	WTWB-TV	2432	LEXINGTON	NC 2	CP	72.3	229.3	311.3	-81.9
	Prop F(50,10)	20 dBu	193.5 km + WTWB-T	F(50,90)	41 dBu	117.8 km =		311.3	
	Prop F(50,50)	74 dBu	22.0 km + WTWB-T	F(50,10)	29 dBu	301.8 km =		323.8	
19+	WLTX	2836	COLUMBIA	SC 2	LICEN	133.4	187.7	213.0	-25.3
	Prop F(50,10)	36 dBu	121.2 km + WLTX	F(50,50)	64 dBu	91.8 km =		213.0	
	Prop F(50,50)	74 dBu	22.6 km + WLTX	F(50,10)	46 dBu	219.4 km =		242.0	
18o	WCCB	2855	CHARLOTTE	NC 0	LICEN	89.5	137.4	97.1	
	Prop F(50,10)	79 dBu	16.5 km + WCCB	F(50,50)	64 dBu	80.6 km =		97.1	
	Prop F(50,50)	74 dBu	22.4 km + WCCB	F(50,50)	89 dBu	39.2 km =		61.6	
14-	WHKY-TV	3338	HICKORY	NC 2	LICEN	57.6	97.7	32.0	
	32 km distance separation requirement from Part 74.705(b)(5)								
23-	ALLOTM	3346	MORGANTON	NC 2	PRCAN	43.2	73.7	0.0	
14-	WHKY-TV	3352	HICKORY	NC 2	LICEN	57.6	97.7	32.0	
	32 km distance separation requirement from Part 74.705(b)(5)								
17o	WUNE-TV	3362	LINVILLE	NC 2	LICEN	22.2	95.6	32.0	
	32 km distance separation requirement from Part 74.705(b)(5)								
16+	WGGG-TV	3701	GREENVILLE	SC 2	LICEN	202.8	39.2	32.0	7.2
	32 km distance separation requirement from Part 74.705(b)(5)								
16+	WGGG-TV	3709	GREENVILLE	SC 2	LICEN	202.8	39.2	32.0	7.2
	32 km distance separation requirement from Part 74.705(b)(5)								
18	WNEH	3717	GREENWOOD	SC 2	LICEN	176.0	99.4	74.7	24.8
	Prop F(50,10)	89 dBu	7.0 km + WNEH	F(50,90)	41 dBu	67.6 km =		74.7	
	Prop F(50,50)	74 dBu	22.3 km + WNEH	F(50,50)	89 dBu	13.1 km =		35.3	

19o W24BA 3757 TRYON NC 0 APP 0.0 0.0 95.4 -95.4
 Prop F(50,10) 46 dBu 74.8 km + W24BA F(50,50) 74 dBu 20.6 km = 95.4

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Channel 19 Study continued:

Prop F(50,50) 74 dBu 20.6 km + W24BA F(50,10) 46 dBu 74.8 km = 95.4

21+ WHNS 3787 ASHEVILLE NC 2 LICEN 256.9 40.9 32.0 8.9
 32 km distance separation requirement from Part 74.705(b)(5)

18+ W51CK 3791 TALBERT KY 0 LICEN 299.4 68.9 48.5 20.4
 Prop F(50,10) 89 dBu 6.2 km + W51CK F(50,50) 74 dBu 42.3 km = 48.5
 Prop F(50,50) 74 dBu 17.7 km + W51CK F(50,50) 89 dBu 20.8 km = 38.4

19o WKPT-TV 3806 KINGSPORT TN 2 CP 4.2 129.7 195.8 -66.1
 Prop F(50,10) 36 dBu 112.7 km + WKPT-T F(50,50) 64 dBu 83.1 km = 195.8
 Prop F(50,50) 74 dBu 21.1 km + WKPT-T F(50,10) 46 dBu 190.3 km = 211.5

19o WKPT-TV 3812 KINGSPORT TN 2 LICEN 4.2 129.7 188.0 -58.3
 Prop F(50,10) 36 dBu 112.7 km + WKPT-T F(50,50) 64 dBu 75.3 km = 188.0
 Prop F(50,50) 74 dBu 21.1 km + WKPT-T F(50,10) 46 dBu 172.4 km = 193.5

22+ ALLOTM 4016 ROYSTON GA 2 216.2 134.2 0.0

26- ALLOTM 4060 KNOXVILLE TN 2 CPAPP 297.8 170.5 0.0

26- 960920LJ 4088 KNOXVILLE TN 2 CPAPP 299.0 173.8 100.0
 100 km distance separation requirement from Part 74.705(b)(4)

19 WGCL-TV 4435 ATLANTA GA 2 LICEN 230.4 251.4 249.1 2.3
 Prop F(50,10) 20 dBu 172.8 km + WGCL-T F(50,90) 41 dBu 76.3 km = 249.1
 Prop F(50,50) 74 dBu 17.3 km + WGCL-T F(50,10) 29 dBu 205.2 km = 222.5

24o ALLOTM 4489 ATHENS TN 2 PRCAN 276.0 214.5 0.0

20+ WBXX-TV 4494 CROSSVILLE TN 2 LICEN 297.0 211.3 129.6
 Prop F(50,10) 79 dBu 12.6 km + WBXX-T F(50,50) 64 dBu 117.0 km = 129.6
 Prop F(50,50) 74 dBu 17.8 km + WBXX-T F(50,50) 89 dBu 57.2 km = 75.0

16o ALLOTM 4506 SOMERSET KY 2 PRCAN 314.4 293.0 0.0

***** End of channel 19 study *****