

James L Travis  
Family Life Network

## Cogan Station

REFERENCE CH# 277D - 103.3 MHz, Pwr= 0.01 kw, HAAT=184.0 M, COR= 396 M DISPLAY DATES  
 41 16 54 N Average Protected F(50-50)= 7.88 km DATA 10-25-04  
 77 01 51 W Ave. F(50-10) 40 dBu= 26.5 54 dBu= 11.2 80 dBu= 1.9 100 dBu= .2 SEARCH 01-10-05

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
277D Cogan Station	W277BJ	CP PA	326.8 146.8	10.34 BNPFT20030825AJV	41 21 34 77 05 55	0.010 321	560 10.2	10.5 Family Life Ministries, In	-27.80	-10.27*
274B Williamsport	WKS	LIC PA	158.1 338.1	11.08 BMLH20030625ACG	41 11 21 76 58 53	53.000 387	633 0.4	86.2 Clear Channel Broadcasting	-5.03	-75.61*
279A Lewisburg	WCXR	LIC NCN PA	192.0 12.0	34.57 BLH19971203KC	40 58 38 77 07 00	0.950 156	600 0.2	22.7 South Williamsport Sabreco	27.80	11.64
278D Hughesville	W278AS	CP DC PA	92.6 272.6	30.38 BNPFT20030806AAA	41 16 07 76 40 07	0.000 129	399 10.5	0.0 Smith And Fitzgerald, Part	22.98	19.85
280D Glen Mawr	WCOZF1	CP DC PA	92.6 272.6	30.38 BMPFTB20021011AA	41 16 07 76 40 07	0.000 129	399 0.2	0.0 Smith And Fitzgerald, Part	22.98	30.16
280A Laporte	WCOZ	LIC NCX PA	69.7 249.7	49.58 BLH20020828AAF	41 26 06 76 28 28	4.300 76	614 0.2	23.1 Smith And Fitzgerald, Part	40.74	26.27
277D Minersville	W277BH	CP DC PA	135.9 315.9	92.06 BNPFT20030829AIB	40 41 07 76 16 16	0.000 -61	325 20.3	0.0 Clear Channel Broadcasting	85.93	71.79
277B York	WARMFM	LIC CN PA	165.3 345.3	143.99 BLH19860519KG	40 01 38 76 36 00	6.400 406	533 28.4	65.9 Wsba Lico, Inc.	10.81	49.78
278A Berwick	WKAB	LIC CN PA	108.8 288.8	66.78 BLH19970801KG	41 05 11 76 16 41	4.100 104	379 12.1	26.4 4m Broadcasting, Inc.	17.78	28.29
277D Bear Creek	AP277	APP PA	95.8 275.8	98.80 BNPFT20030317BDW	41 11 11 75 51 33	0.010 421	670 25.2	11.8 Four Rivers Community Broa	50.37	61.76
277A Vestal	WMXW	LIC CN NY	46.0 226.0	124.85 BLH19960501KC	42 03 22 75 56 39	0.590 245	705 13.8	25.1 Clear Channel Broadcasting	46.80	85.97
278D Wellsboro	W278AO	CP PA	337.1 157.1	55.89 BNPFT20030826AAA	41 44 41 77 17 35	0.055 -60	484 5.6	4.8 Northeastern Pennsylvania	45.07	45.47
276D Towanda	W276BO	CP PA	45.5 225.5	63.88 BNPFT20030829BBV	41 40 59 76 28 59	0.010 108	661 6.0	6.1 Smith And Fitzgerald, Part	51.10	51.83
276A State College	WBHV	LIC CN PA	226.1 46.1	84.59 BLH19980911KD	40 45 09 77 45 15	0.370 420	819 10.0	29.1 Forever Broadcasting, Llc	32.66	45.58
278D Wyalusing	W278AZ	CP PA	60.0 240.0	78.16 BNPFT20030829AVF	41 37 47 76 13 04	0.010 -10	406 6.8	3.2 Smith And Fitzgerald, Part	68.84	68.18
279B Ithaca	WQNY	LIC NY	13.6 193.6	126.38 BLH20021028AAR	42 23 13 76 40 10	15.500 184	681 0.4	57.8 Eagle Ii Broadcasting Corp	118.31	68.11
276A Avoca	AL276	RSV PA	88.1 268.1	106.43 RM10697	41 18 20 75 45 38	6.000 -253	0 10.0	15.8	75.88	80.66
276A Avoca	WFEZ	LIC CX PA	88.1 268.1	106.43 BLH20040413AAT	41 18 20 75 45 38	6.000 144	397 10.0	33.4 Entercom Wilkes-barre Scra	48.94	63.06

\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.  
 ERP and HAAT are on direct line to and from reference station.