

Channel Study

REFERENCE		CH# 228D - 93.5 MHz, Pwr= 0.01 kW, HAAT= 95.1 M, COR= 441 M								DISPLAY DATES	
41 46 33.0 N.		Average Protected F(50-50)= 5.7 km								DATA 01-21-15	
76 25 57.8 W.		Omni-directional								SEARCH 01-26-15	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
228D	W228CH!	LIC	DV	355.9	1.87	41 47 33.6	0.019	10.3	3.2	-11.6	-11.5
Towanda		PA		175.9	BLFT20140514ADB	76 26 03.6		431	Family Life Ministries, In		
225B	WMGS	LIC	C	144.6	80.83	41 10 56.0	5.300	4.5	72.5	70.5	7.9
Wilkes-barre		PA		324.9	BLH19990506KB	75 52 22.0	422	801	Radio License Holding Cbc,		
227B1	WBZD-FM	LIC	NCN	214.9	76.31	41 12 42.0	1.700	59.9	45.3	10.3	20.8
Muncy		PA		34.5	BLH19970403KF	76 57 16.0	372	624	Backyard Broadcasting Pa,		
227A	WJOB-FM	LIC	NCX	69.2	66.48	41 59 08.0	1.900	46.3	30.7	15.2	28.9
Susquehanna		PA		249.7	BLED20140430ABF	75 40 57.0	170	589	The Broome County Urban Le		
229D	W229AR	LIC	C	338.2	27.85	42 00 31.0	0.005	5.4	3.8	16.7	16.0
Waverly		NY		158.2	BLFT20100715AHX	76 33 28.0	-39	337	Pembrook Pines Elmira, Ltd		
228A	WVBR-FM	LIC	CN	358.9	72.48	42 25 42.0	3.000	53.3	13.2	16.1	49.1
Ithaca		NY		178.9	BLH3713	76 26 57.0	76	433	Cornell Radio Guild, Inc.		
228D	W228AT	LIC	C	318.5	46.58	42 05 19.0	0.015	11.2	3.5	28.6	20.6
Elmira		NY		138.2	BLFT20000713ABN	76 48 25.0	-76	310	Community Broadcasters, Ll		
229A	WSJR	LIC	NCN	145.7	69.01	41 15 43.0	1.450	35.9	23.9	27.4	37.0
Dallas		PA		326.0	BLH19930121KB	75 58 04.0	207	539	Radio License Holding Cbc,		
227D	WJOB-FM1	CP	DC	51.3	60.34	42 06 49.0	0.260	15.2	10.8	38.4	40.2
Binghamton		NY		231.6	BMPFTB20140402ABB	75 51 46.0		461	The Broome County Urban Le		
225D	W225BC	LIC	DV	52.2	51.10	42 03 22.0	0.175	0.5	11.5	43.8	39.4
Endicott		NY		232.5	BLFT20110429ABO	75 56 39.0	220	611	Fitzgerald And Hawras, Par		
229D	W229AQ	LIC	C	274.8	54.89	41 48 54.0	0.070	7.3	5.1	40.7	39.9
Mansfield		PA		94.3	BLFT20070806AAS	77 05 28.0	-117	375	Family Life Ministries, In		
229D	W229AQ	CP	C	274.8	55.04	41 48 55.7	0.070	7.3	5.1	40.8	40.1
Mansfield		PA		94.4	BPFT20140430ACW	77 05 34.1		387	Family Life Ministries, In		
228A	WQRW	LIC	CX	292.3	123.95	42 11 25.0	1.100	77.8	26.8	40.9	80.2
Wellsville		NY		111.4	BLH20070208ABH	77 49 17.0	234	835	Pembrook Pines Mass Media		
230D	W230BB	LIC	C	323.3	49.34	42 07 51.0	0.001	0.1	4.3	42.6	44.8
Elmira		NY		143.0	BLFT20100611AEX	76 47 26.0	156	536	Pembrook Pines Elmira, Lim		
230B	WKXZ	LIC	CX	42.9	117.93	42 32 51.0	26.000	6.8	72.2	105.0	45.3
Norwich		NY		223.6	BMLH20041109AAG	75 27 09.0	206	639	Townsquare Media Oneonta L		
231B	WQKX	LIC	CX	191.4	112.12	40 47 10.0	16.000	5.6	65.3	100.7	46.4
Sunbury		PA		11.3	BMLH20050822AAE	76 41 49.0	268	509	Sunbury Broadcasting Corpo		
226D	W226BA	LIC	DV	322.2	53.69	42 09 24.0	0.004	0.1	2.5	46.8	50.9
Elmira		NY		142.0	BLFT20060905ABA	76 49 54.0	-91	296	Fitzgerald And Hawras, Par		
229D	W229AS	LIC	C	308.8	65.60	42 08 35.0	0.050	6.7	4.7	52.6	52.0
Corning		NY		128.3	BLFT20060302ACV	77 03 09.0	-121	303	Pembrook Pines Elmira, Lim		
227D	W227BA	LIC	DC	144.5	80.92	41 10 55.0	0.010	20.9	13.3	54.2	59.5
Bear Creek		PA		324.9	BLFT20120816AAG	75 52 17.0	475	870	Four Rivers Community Broa		

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM

Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)

< = Contour Overlap