

Channel Study

REFERENCE		CH# 228D - 93.5 MHz, Pwr= 0.01 kW DA, HAAT= 94.5 M, COR= 441 M								DISPLAY DATES	
41 46 33.0 N.		Average Protected F(50-50)= 5.7 km								DATA 05-24-19	
76 25 58.0 W.		Standard Directional								SEARCH 05-28-19	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
228D Towanda	W228CH!	LIC DV PA		356.1 176.1	1.87 BLFT20140514ADB	41 47 33.6 76 26 03.6	0.019		---Reference---		
								431	Family Life Ministries, In		
225B Wilkes-barre	WMGS	LIC C PA		144.6 324.9	80.83 BLH19990506KB	41 10 56.0 75 52 22.0	5.300 422	4.5 801	72.5 Radio License Holding Cbc,	70.5	7.9
227B1 Muncy	WBZD-FM	LIC NCN PA		214.9 34.5	76.31 BLH19970403KF	41 12 42.0 76 57 16.0	1.700 372	60.0 624	45.4 Backyard Broadcasting Pa,	10.2	20.7
228A Ithaca	WVBR-FM	LIC CX NY		358.8 178.8	72.58 BLH20170901ABA	42 25 45.0 76 27 04.2	3.800 73	58.1 429	14.0 Cornell Media Guild, Inc.	11.3	48.4
227A Susquehanna	WJOB-FM	LIC NCX PA		69.2 249.7	66.49 BLED20140430ABF	41 59 08.0 75 40 57.0	1.900 170	46.1 589	30.6 The Broome County Urban Le	15.4	29.0
228D Elmira	W228DN	CP DC NY		323.3 143.0	49.34 BPFT20190401AAD	42 07 51.0 76 47 26.0	0.195	22.5 547	6.6 Europa Communications, Inc	20.1	20.3
228D Mansfield	W228DM	CP C PA		274.0 93.5	53.10 BPFT20180821AAA	41 48 25.0 77 04 13.0	0.250	23.8 443	7.1 Southern Belle, Llc	22.4	22.6
228D Elmira Heights	W228DN	LIC DV NY		323.3 143.0	49.33 BLFT20171106ABQ	42 07 50.7 76 47 26.0	0.075	4.4 500	0.8 Europa Communications, Inc	38.2	26.0
228D Clarks Summit	W228CN	LIC DV PA		118.7 299.2	71.09 BLFT20180712AAM	41 27 59.4 75 41 09.5	0.175	37.5 603	11.2 Bold Gold Media Group, L.p	26.1	34.4
229A Dallas	WSJR	LIC NCN PA		145.7 326.0	69.02 BLH19930121KB	41 15 43.0 75 58 04.0	1.450 207	35.8 539	23.9 Radio License Holding Cbc,	27.4	37.1
230D Elmira	W230BB	LIC DC NY		314.5 134.3	40.71 BLFT20180703AAQ	42 01 54.7 76 47 02.2	0.099	0.1 580	3.9 Tower Broadcasting Llc	34.0	36.6
228D Mansfield	W228DM	LIC DV PA		284.2 103.7	56.56 BLFT20170921AAR	41 53 53.0 77 05 38.0	0.250	8.4 655	2.3 Southern Belle, Llc	42.3	34.8
227D Binghamton	WJOB-FM1	LIC DC NY		51.3 231.6	60.34 BLFTB20160609ABD	42 06 49.0 75 51 46.0	0.260	15.3 461	10.8 The Broome County Urban Le	38.4	40.2
228A Wellsville	WQRW	LIC CX NY		292.3 111.4	123.94 BLH20070208ABH	42 11 25.0 77 49 17.0	1.100 234	77.8 835	26.7 Pembroke Pines Mass Media	41.0	80.4
225D Endicott	W225BC	LIC DC NY		52.2 232.5	51.11 BLFT20180111AER	42 03 22.0 75 56 39.0	0.075	0.4 611	9.7 Fitzgerald And Hawras, Par	44.0	41.2
226D Elmira	W226BA	LIC DC NY		323.3 143.0	49.34 BLFT20180522AAB	42 07 51.0 76 47 26.0	0.250	0.0 611	3.2 Fitzgerald And Hawras, Par	42.6	45.9
230B Norwich	WKXZ	LIC CX NY		43.0 223.6	117.93 BMLH20041109AAG	42 32 51.0 75 27 09.0	26.000 206	6.8 639	72.5 Townsquare Media Oneonta L	105.0	45.0
231B Sunbury	WQKX	LIC CX PA		191.4 11.3	112.12 BMLH20050822AAE	40 47 10.0 76 41 49.0	16.000 268	5.6 509	65.4 Sunbury Broadcasting Corpo	100.7	46.3
227D Bear Creek	W227BA	LIC DC PA		144.5 324.9	80.92 BLFT20120816AAG	41 10 55.0 75 52 17.0	0.010 475	20.9 870	13.3 Four Rivers Community Broa	54.2	59.5
228A Stroudsburg	WSBG	LIC CX PA		130.5 311.3	140.65 BLH20180406AAZ	40 56 53.0 75 09 38.0	0.430 266	69.3 473	23.2 Connoisseur Media Licenses	63.6	91.1

Terrain database is FCC 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)