

Channel Study

REFERENCE		CH# 296D - 107.1 MHz, Pwr= 0.06 kW, HAAT= 0.0 M, COR= 382 M								DISPLAY DATES	
42 20 47.0 N.		Average Protected F(50-50)= 4.9 km								DATA 07-15-13	
77 20 11.0 W.		Omni-directional								SEARCH 07-15-13	
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)
296A	WLIH	LIC	CN	170.1	64.94	41 46 13.0	3.300	81.3	27.1	-21.3*<	21.9
Whitneyville			PA	350.2	BMLH19910606KA	77 12 08.0	91	575	Good Christian Radio Broad		
294D	632994	APP	C	0.0	0.00	42 20 47.0	0.060	0.5	4.9	-5.5*	-5.5*
Bath			NY	0.0	BNPFT20030312AAN	77 20 11.0		382	Bilbat Radio, Inc.		
293D	644723	APP	C	113.6	10.34	42 18 33.0	0.010	0.2	9.5	5.2	0.3
Bath			NY	293.7	BNPFT20030317KIL	77 13 17.0	204	645	Calvary Chapel Of The Fing		
297A	WODX	LIC	CX	350.6	45.04	42 44 47.0	0.650	38.7	25.6	1.4	12.4
South Bristol Towns			NY	170.6	BLH20020117AAL	77 25 35.0	303	691	Citicasters Licenses, Inc.		
294D	633042	APP	C	136.8	31.16	42 08 31.0	0.050	0.5	13.1	25.7	17.5
Corning			NY	317.0	BNPFT20030312AAM	77 04 40.0	123	555	Bilbat Radio, Inc.		
296B	R67681«	ADD		352.5	199.68	44 07 42.0	50.000	176.3	65.0	111.5R	88.2M
Trenton			ON	172.3		77 39 42.0	150	270			
299B	WLKK	LIC	DC	291.8	84.04	42 37 23.0	19.500	5.6	64.1	73.5	18.8
Wethersfield Twnshp			NY	111.2	BLH20011203AMK	78 17 16.0	244	759	Entercom Buffalo License,		
299B	WLKK	APP	DCX	291.9	84.17	42 37 25.0	17.000	5.5	64.1	73.7	19.0
Wethersfield Twnshp			NY	111.2	BPH20130611AAG	78 17 21.0	258	776	Entercom Buffalo License,		
296D	631590	APP	C	115.1	46.97	42 09 58.0	0.058	15.8	4.9	26.3	26.2
Horseheads			NY	295.5	BNPFT20030310ADF	76 49 17.0	-107	288	Fitzgerald And Hawras, Par		
294D	W294AW	LIC	C	308.9	38.02	42 33 37.0	0.060	0.5	4.9	32.5	32.5
Dansville			NY	128.7	BLFT20070912AAD	77 41 50.0	-198	230	Sound Communications, Llc		
295D	640985	APP	C	120.0	50.22	42 07 12.0	0.018	5.2	3.6	40.1	39.6
Elmira			NY	300.3	BNPFT20030317DGQ	76 48 35.0	-85	291	Pembroke Pines Elmira, Lim		
297D	W297BG	LIC	DC	123.3	77.92	41 57 36.0	0.235	28.6	19.2	44.4	51.7
Ulster			PA	303.8	BLFT20110321AAG	76 32 58.0	143	512	Geos Communications		
299D	WECW	LIC	CN	122.8	51.09	42 05 48.0	0.009	0.2	3.1	45.9	47.5
Elmira			NY	303.2	BLED19931105KA	76 49 00.0	-103	282	Elmira College		
296C1	CILQFM«	OPE	CN	311.5	220.65	43 38 33.0	40.000	167.4	88.0	132.5R	88.2M
Toronto			ON	130.1		79 23 15.0	421	524			
294D	W294AV	LIC	C	245.2	58.73	42 07 25.0	0.060	0.5	4.9	53.3	53.3
Wellsville			NY	64.8	BLFT20070906ADT	77 58 54.0		486	Sound Communications, Llc		
297D	W297BI	CP	C	80.0	66.72	42 26 50.0	0.099	8.0	5.6	53.8	54.1
Danby			NY	260.6	BPFT20130528ABI	76 32 15.0		324	Calvary Chapel Of The Fing		
297D	W297BI	LIC	V	89.7	73.68	42 20 46.0	0.010	9.9	7.0	58.9	59.7
Danby			NY	270.3	BLFT20130524AEK	76 26 32.0		518	Calvary Chapel Of The Fing		
299D	W299BI	CP	DC	82.6	69.22	42 25 24.0	0.170	0.2	2.8	64.1	65.9
Ithaca			NY	263.2	BPFT20130320ADH	76 30 08.0		280	Roi Broadcasting, Inc.		

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

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

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

Beamtilt(Y,N,X)

""affixed to 'IN' or 'OUT' values = site inside protected contour.

< = Station meets FCC minimum distance spacing for its class.

< = Contour Overlap