Channel Study

REFERENCE — CH# 273D - 102.5 MHz, Pwr= 0.25 kW DA, HAAT= 147.2 M, COR= 549 M — DISPLAY DATES
42 15 05.2 N. — Average Protected F(50-50)= 15.7 km — DATA 02-09-21
76 52 51.8 W. — Standard Directional — SEARCH 02-10-21

CH CALL / CITY	TYPE ANT / STATE	AZI. <--	DIST / FILE #	LAT. / LNG.	Pwr(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT*
273D W273BI!	LIC DVN	357.2	15.42	42 23 24.20	0.050		---Reference---		
Watkins Glen	NY	177.2	BLFT20061006ACY	76 53 24.80		253	Family Life Ministries, In		
273B WTSS	LIC CN	288.2	150.10	42 39 33.20	110.000	178.3	89.5	-36.9*	18.9
Buffalo	NY	107.0	BLH20020111AAW	78 37 32.10	355	752	Entercom License, LLC		
273D W273AC	LIC DHN	233.1	20.24	42 08 31.00	0.014	25.5	5.5	-8.0*	3.3
Corning	NY	53.0	BLFT20170411AAD	77 04 39.00		532	Tower Broadcasting LLC		
274B WKSB	LIC CN	184.1	118.38	41 11 21.30	53.000	106.0	86.0	-2.3	2.0
Williamsport	PA	4.0	BMLH20030625ACG	76 58 51.90	387	633	Ihm Licenses, LLC		
220A WRFI	LIC CN	357.1	15.30	42 23 20.20	0.420	30.5	20.7	9.5R	5.8M
Watkins Glen	NY	177.1	BLED20110826ADZ	76 53 25.80	-114	263	Ithaca Community Radio, In		
273B WUMX	LIC CN	52.9	146.43	43 02 14.20	27.000	123.7	57.7	5.9	14.0
Rome	NY	233.9	BLH19840123AD	75 26 38.60	198	472	Galaxy Utica Licensee LLC		
275D W275DD	LIC DVN	161.7	25.69	42 01 55.00	0.035	0.3	13.3	8.7	11.6
Elmira	NY	341.8	0000093874	76 47 01.00		584	Family Life Ministries, In		
272D W272DY	LIC CN	60.6	40.50	42 25 45.20	0.010	10.1	6.3	13.4	9.1
East Ithaca	NY	240.9	BLFT20170830ABM	76 27 02.90		422	Calvary Chapel Of The Fing		
273D W273AB	LIC CN	104.3	72.64	42 05 12.30	0.100	37.9	8.7	19.3	9.5
Vestal	NY	284.9	BMLFT20171031ABJ	76 01 40.70		446	Gm Broadcasting, Inc.		
271A WAVR	LIC CN	125.3	36.08	42 03 48.30	4.100	2.0	18.2	16.8	12.7
Waverly	NY	305.5	BMLH19990211KC	76 31 26.80	122	500	Wats Up, LLC		
270D W270BY	LIC DCN	344.3	33.85	42 32 40.30	0.250	1.0	12.7	14.5	15.2
Watkins Glen	NY	164.2	BLFT20190509AAA	76 59 33.90		496	The Fingerlakes Radio Grou		
272A WVOR	LIC CN	332.2	77.01	42 51 47.20	3.400	35.2	23.4	24.8	33.7
Canandaigua	NY	151.9	BLH19910726KC	77 19 20.90	86	358	Ihm Licenses, LLC		
276A WCIK	LIC CN	294.6	59.06	42 28 13.90	1.400	2.2	30.5	47.5	27.4
Avoca	NY	114.1	BLED20170403ACP	77 32 09.60	210	708	Family Life Ministries, In		
219A WICB	LIC CN	59.6	36.85	42 25 07.20	4.100	30.5	20.7	9.5R	27.4M
Ithaca	NY	239.8	BLED20070413AFA	76 29 37.70	41	394	Ithaca College		
220A WHVM	LIC CN	114.6	41.66	42 05 40.20	0.160	30.5	20.7	9.5R	32.2M
Owego	NY	294.9	BLED20141028ABN	76 25 18.70	128	501	Mt. St. Francis Hermitage		
275B WMHR	LIC CN	34.8	97.14	42 58 01.20	20.000	5.2	60.6	72.9	34.7
Syracuse	NY	215.3	BLED19990419KG	76 11 58.70	239	497	Mars Hill Broadcasting Co.		
270A WZKZ	LIC CN	265.3	77.69	42 11 25.20	1.000	1.9	24.6	68.8	49.1
Alfred	NY	84.7	BLH20000407ACZ	77 49 16.00	244	845	Sound Communications, LLC		

Terrain database is GLOBE 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. 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)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: Canada