

## Channel Study

REFERENCE		CH# 202A - 88.3 MHz, Pwr= 1.65 kW, HAAT= 154.0 M, COR= 374 M								DISPLAY DATES	
38 43 21.2 N.		Average Protected F(50-50)= 25.6 km								DATA 09-11-17	
83 00 05.4 W.		Omni-directional								SEARCH 09-21-17	
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)	
202A	WUKV!	LIC	CX	0.0	0.00	38 43 21.2	1.650	84.5	30.1	-114.6	-114.6
Portsmouth			OH	0.0	BLED20130530ADB	83 00 05.4	154	374	Educational Media Foundati		
204D	W204CQ!	LIC	C	351.2	35.19	39 02 09.0	0.010	0.2	8.2	6.6	24.7
Piketon			OH	171.2	BLFT20141015AAK	83 03 49.0	151	390	Educational Media Foundati		
201A	WMUL	LIC	CX	123.5	59.91	38 25 26.5	1.400	15.6	11.0	16.5	6.8
Huntington			WV	303.9	BLED20121018AAX	82 25 43.3	-15	209	Marshall University Board		
201A	WVRR	LIC	DC	79.3	76.92	38 50 49.0	3.000	24.7	16.6	23.2	16.4
Point Pleasant			WV	259.9	BLED20001129AAA	82 07 50.0	88	293	Positive Alternative Radio		
203A	WBMK	LIC	CX	210.3	70.10	38 10 38.0	0.600	28.4	19.3	21.0	20.3
Morehead			KY	30.1	BLED20050511AAY	83 24 24.0	159	454	American Family Associatio		
201L1	WFGU-LP	LIC		298.4	61.46	38 59 00.0	0.095			56.0R	5.5M
Winchester			OH	118.0	BLL20170126ADS	83 37 34.0	30	313	Hope Radio Of Winchester		
202D	W202BH!	LIC	C	156.0	106.03	37 50 58.0	0.013	21.9	6.6	58.4	23.1
Inez			KY	336.3	BLFT19990713UA	82 30 35.0	100	375	Morehead State University		
203B	WVPB	LIC	DCX	107.8	123.38	38 22 34.3	44.000	70.9	46.9	24.8	34.8
Charleston			WV	288.6	BLED20060622AAJ	81 39 24.0	134	384	West Virginia Educational		
201B1	WWGV	CP	DCX	353.8	111.53	39 43 16.0	14.000	51.5	32.9	30.6	34.2
Grove City			OH	173.7	BPED20160915AAW	83 08 36.0	84	327	American Family Associatio		
202C2	WEBF	LIC	DCX	205.6	136.43	37 36 47.0	7.800	81.9	29.1	35.4	43.8
Lerose			KY	25.2	BLED20110621AAC	83 40 18.0	282	569	Hour Of Harvest, Inc.		
202B1	WMRT	LIC	CN	59.6	155.50	39 25 07.0	9.200	86.3	24.7	41.0	49.7
Marietta			OH	240.6	BLED1479	81 26 32.0	62	297	Marietta College		
201A	WWGV	LIC	DVX	353.8	111.53	39 43 16.0	5.400	35.1	23.3	47.0	43.8
Grove City			OH	173.7	BLED20080909ACP	83 08 36.0	83	327	American Family Associatio		
202A	WAIF	LIC	C	289.8	136.24	39 07 36.0	1.600	70.8	23.1	44.8	47.0
Cincinnati			OH	108.8	BMLED20120425AAU	84 29 06.0	120	321	The Real Stepchild Radio O		
202A	WOAR	LIC	VX	338.9	144.12	39 55 54.0	1.000	56.2	16.4	61.7	50.4
South Vienna			OH	158.5	BLED20060803ADL	83 36 36.0	85	425	Educational Media Foundati		
201A	WAXG	LIC	CN	228.8	111.09	38 03 39.0	0.300	12.6	9.0	70.6	60.0
Mount Sterling			KY	48.2	BLED19980617KA	83 57 20.0	53	337	American Family Associatio		
204B	WOBO	LIC	DEN	292.0	102.25	39 03 43.0	15.500	3.9	38.4	78.3	62.1
Batavia			OH	111.4	BLED19880202KB	84 05 50.0	142	402	Educational Community Radi		
6	-- WOUC-TV-A	CHA	D Y	43.5	211.86	40 05 32.0	1.720	42.8	5.0	47.8R	164.0M
Cambridge			OH	224.6	DTVBL50141	81 17 19.0	385	699			
6	1E WOUC-TV	CP	DEY	43.5	211.86	40 05 31.8	1.080	42.8	4.6	47.5R	164.4M
Cambridge			OH	224.6	0000025584	81 17 18.6	338	655			

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= - Zone 2, Co to 3rd adjacent.

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

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

< = Contour Overlap