

E-12A WDHK Prestonsburg Proposed Translator Interference Analysis

REFERENCE 37 39 57 N 82 48 12 W	CH# 283A - 104.5 MHz, Pwr= 0.25 kW, HAAT=197.0 M, COR= 484 M Average Protected F(50-50)= 18.4 km Ave. F(50-10) 40 dBu= 57.7 54 dBu= 27.3 80 dBu= 5.6 100 dBu= 1.1	DISPLAY DATES DATA 07-19-03 SEARCH 07-20-03
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CH CITY	CALL	TYPE STATE	AZI. <--	DI ST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
283D Prestonsburg	AP283	APP C KY	0.0 180.0	0.00 BNPFT20030314ATD	37 39 57 82 48 12	0.250 179	484 60.3	17.6 East Kentucky Broadcasting	-74.97*	-77.87*
283C Bluefield	WHAJ	LIC EY WV	107.4 287.4	150.06 BLH20000330ACB	37 15 05 81 11 20	100.000 505	1276 59.9	87.0 Monterey Licenses, LIc	-60.29	3.18
283C2 Lexington-fayette	WLKT	LIC NC KY	289.2 109.2	140.11 BLH20000217ABS	38 04 09 84 18 44	50.000 143	430 56.6	51.2 Citicasters Licenses, L.p.	-14.63	32.26
284A Hazard	WJMD	LIC CN KY	212.8 32.8	62.35 BMLH19950417KB	37 11 36 83 11 04	0.480 359	747 26.6	28.8 Hazard Broadcasting Servic	0.76	6.97
283D Wi se	AP283	APP C VA	164.3 344.3	77.52 BNPFT20030310ADO	36 59 36 82 34 01	0.010 250	838 55.2	9.2 Posi tive Al ternative Radio	29.41	13.08
285A Harol d	WXLK	LIC CN KY	118.4 298.4	31.00 BLH19940124KD	37 31 59 82 29 40	0.370 254	609 1.1	22.9 Adam D Gearheart	10.92	7.03
281D Pi keville	AP281	APP DC KY	134.9 314.9	31.45 BNPFT20030314AJL	37 27 57 82 33 04	0.026 236	546 1.1	11.4 East Kentucky Radio Networ	12.94	18.95
281D El khorn City	AP281	APP C KY	134.9 314.9	31.45 BNPFT20030313APY	37 27 57 82 33 04	0.010 164	474 1.1	7.4 Appal shop, Inc	13.08	22.91
281D Pi keville	AP281	APP C KY	127.7 307.7	31.61 BNPFT20030314AKH	37 29 31 82 31 12	0.010 242	486 1.1	9.1 Eastern Kentucky Universit	11.34	21.42
283D Manchester	AP283	APP C KY	235.9 55.9	101.70 BNPFT20030317EEG	37 08 58 83 45 08	0.010 192	550 55.3	8.0 Sonya Lynn Read	57.18	38.33
281C Portsmouth	WPAYFM	LIC CN OH	351.7 171.7	118.53 BLH19890612KC	38 43 20 83 00 05	100.000 277	527 1.1	70.5 Radio Stations Wpay/wpfb,	89.32	46.95
281C Portsmouth	WPAYFM	APP DCX OH	351.7 171.7	118.56 BPH20021023ABC	38 43 21 83 00 05	100.000 423	673 1.1	81.4 Radio Stations Wpay/wpfb,	87.24	36.02
280A Whi tesburg	WXKQFM	APP CX KY	174.6 354.6	61.90 BPH20030624AAF	37 06 38 82 44 15	0.145 552	1028 1.1	26.9 T.c.w. Broadcasting, Inc.	42.54	33.85
280A Whi tesburg	WXKQFM	LIC CN KY	180.7 0.7	65.67 BLH19820722AJ	37 04 27 82 48 44	0.210 373	868 1.1	24.0 T.c.w. Broadcasting , Inc.	47.43	40.55
283D Cross Lanes	AP283	APP DC WV	47.4 227.4	121.34 BNPFT20030317KIX	38 23 57 81 46 42	0.000 119	360 59.9	0.0 West Vi rgi nia Radio Corpor	102.06	61.47
286B St. Albans	WKLCFM	LIC CN WV	42.3 222.3	113.92 BLH19840113AC	38 25 15 81 55 27	3.600 489	740 2.0	65.2 Wklc, Inc.	89.86	46.74
283D Bristol	AP283	APP C TN	155.7 335.7	131.03 BNPFT20030317LKO	36 35 19 82 11 59	0.027 58	638 55.0	5.7 Jill Short	94.88	70.38
284D Huntington	AP284	APP C WV	18.6 198.6	85.12 BNPFT20030317EGA	38 23 31 82 29 29	0.010 169	377 28.9	7.5 Educati onal Media Foundati	54.95	48.71
282A Surgoi nsvi lle	RADD	ADD TN	182.2 2.2	123.58	36 33 11 82 51 23	6.000 -495	0 25.2	15.8	83.24	82.66
283D Mount Vernon	AP283	APP DC KY	254.0 74.0	137.71 BNPFT20030317DXZ	37 18 57 84 17 50	0.000 165	514 53.8	0.0 Sonya Lynn Read	120.87	83.89
282A Surgoi nsvi lle	RDEL	DEL TN	179.8 359.8	125.53	36 32 05 82 47 52	6.000 -495	0 26.1	15.8	84.49	83.63
282A Surgoi nsvi lle	WEYE	LIC NCX TN	179.8 359.8	125.53 BLH20020819AAV	36 32 05 82 47 52	4.100 84	579 26.1	24.0 Tri -ci ty Radio, LIc	71.64	75.41
229C1 Ashl and	WDGG«	LIC CN KY	8.7 188.7	81.02 BLH19860407KC	38 23 14 82 39 45	100.000 211	447 22.0	64.8 Fi fth Avenue B/casting Com	22.0R	59.0M
285A Stanton	WSKVFM	LIC CN KY	277.0 97.0	92.32 BMLH19951102KB	37 45 43 83 50 36	0.720 164	507 1.1	21.8 Parks Broadcasting, Inc.	74.27	69.40
286A Harl an	WTUK	LIC NC KY	207.5 27.5	95.49 BLH20010724AAJ	36 54 09 83 18 01	0.530 348	883 1.1	29.0 Eastern Broadcasting Compa	75.25	65.39

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282C3 Williamsburg	WEZJFM	CP KY	ZCX	230.6 50.6	159.97 BMPH20030515ACT	36 44 43 84 11 24	6.110 210	556 25.8	39.7 Whitley Broadcasting Co.,	83.91	94.49
285A Vanceburg	WKKSFM	LIC KY	CN	336.3 156.3	114.13 BLH19840427CP	38 36 19 83 19 57	3.000 98	360 1.1	24.0 Brown Communications, Inc.	92.82	89.04
283D Middlesport	AP283	APP OH	C	23.0 203.0	168.29 BNPFT20030310AJM	39 03 30 82 02 31	0.013 147	327 60.7	7.5 Positive Alternative Radio	123.46	100.11
282A Williamsburg	WEZJFM	LIC KY	CN	230.6 50.6	159.97 BLH19900925KB	36 44 43 84 11 24	1.400 210	556 25.8	28.4 Whitley Broadcasting Co.,	99.86	105.86
282D Morristown	AP282	APP KY	C	262.2 82.2	126.36 BNPFT20030317MOI	37 30 10 84 13 09	0.010 99	505 24.7	5.8 Jared A. Nix	101.70	95.85
284D Morristown	AP284	APP KY	C	262.2 82.2	126.36 BNPFT20030317MNO	37 30 10 84 13 09	0.010 99	505 24.7	5.8 Jared A. Nix	101.70	95.85
283A Knoxville	WKHT	LIC TN	CN	209.1 29.1	210.83 BLH19970514KA	36 00 08 83 56 41	2.300 129	469 58.3	25.5 Journal Broadcast Corporat	115.24	127.00
280A London	WWEL	LIC KY	CX	243.0 63.0	127.06 BLH20021113AAC	37 08 30 84 04 45	2.550 117	468 1.1	25.1 F.t.g. Broadcasting, Inc.	107.90	100.86
285A Kingsport	WKOS	LIC TN	DCN	165.7 345.7	127.33 BLH19940401KA	36 33 14 82 27 00	1.347 100	617 1.1	20.0 Citadel Broadcasting Compa	108.03	106.21
285D London	AP285	APP KY	C	241.0 61.0	126.14 BNPFT20030313BBP	37 06 39 84 02 47	0.013 104	480 1.1	6.4 Educational Media Foundati	109.07	118.67
284D Middlesboro	AP284	APP KY	C	215.0 35.0	137.71 BNPFT20030317LNW	36 38 53 83 41 25	0.010 303	678 26.1	10.2 Cumberland Communities Com	105.88	101.41
284D Middlesboro	NEW	KY	C	215.0 35.0	137.71	36 38 53 83 41 25	0.010 -375	0 26.1	3.2 Cumberland Communities Com	115.73	108.43
284A Spencer	WVRCFM	LIC WV	CN	46.0 226.0	182.14 BLH19941024KA	38 47 40 81 17 36	4.800 115	397 28.9	28.6 Star Communications, Inc.	118.67	124.56
230C Marion	WMEVFM	LIC VA	DEN	126.9 306.9	140.30 BLH19870902KA	36 54 08 81 32 33	100.000 451	1180 21.6	83.5 Holston Valley Broadcastin	29.0R	111.3M
280D Lexington	AP280	APP KY	C	285.6 105.6	149.05 BNPFT20030317LNK	38 00 54 84 26 18	0.250 122	418 1.1	14.2 Educational Media Foundati	129.41	133.74
283L1 Athens	AP283	APP OH		16.6 196.6	191.44 BNPL20010122AAJ	39 18 59 82 10 02	0.000 -240	0 60.5	0.0 Hobby Radio, Inc.	171.90	130.94
286A Lancaster	WRNZ	LIC KY	CN	267.9 87.9	156.47 BMLH20020215AAG	37 36 06 84 34 27	3.000 96	379 1.1	23.7 Hometown Broadcasting Of L	137.35	131.66
283L1 Athens	AP283	APP OH		18.1 198.1	194.32 BNPL20010118AAY	39 19 38 82 06 05	0.000 -249	0 60.2	0.0 Athens Cable Access Center	174.90	134.11
283L1 Athens	AP283	APP OH		18.3 198.3	195.28 BNPL20010122ADF	39 19 59 82 05 20	0.000 -250	0 60.2	0.0 Hope Radio Of Athens, Inc.	175.86	135.07
285D Jackson	AP285	APP OH	C	6.0 186.0	154.96 BNPFT20030313AFB	39 03 14 82 36 53	0.038 66	300 1.1	6.5 Positive Alternative Radio	134.27	147.32
281D Ripley	AP281	APP WV	C	38.2 218.2	156.65 BNPFT20030310AIW	38 46 04 81 41 09	0.013 64	333 1.1	5.0 Positive Alternative Radio	136.46	150.55
229D Middlesboro	AP229	APP KY	C	215.1 35.1	137.77 BNPFT20030317MBR	36 38 52 83 41 27	0.010 302	677 18.2	10.2 Eastern Kentucky Universit	5.5R	132.3M
229D Middlesboro	AP229	APP MI	C	215.1 35.1	137.77 BNPFT20030314ALY	36 38 52 83 41 27	0.010 302	677 18.2	10.2 Eastern Kentucky Universit	5.5R	132.3M
283L1 Nelsonville	AP283	APP OH		14.1 194.1	203.70 BNPL20010122AHH	39 26 38 82 13 32	0.000 -260	0 62.5	0.0 Hocking Technical College	183.33	141.20
283L1 Monticello	AP283	APP KY		242.8 62.8	204.75 BNPL20010614AEJ	36 48 29 84 50 46	0.002 128	500 53.9	4.5 Genesis Appalachi an Projec	173.40	146.32
286D Greeneville	AP286	APP TN	C	180.9 0.9	166.02 BNPFT20030313AGO	36 10 12 82 49 56	0.010 159	545 1.1	7.3 Bible Broadcasting Networ	148.58	157.61
230C2 Burnside	WLLK	LIC KY	CN	249.3 69.3	157.26 BLH19900625KC	37 09 15 84 27 35	50.000 137	463 18.7	50.5 Capstar Tx Limited Partner	15.0R	142.3M
280A	WXS	LIC CN		167.5	173.69	36 08 15	2.450	892	35.0	153.30	137.63

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286D Morristown	W284AL	LIC TN	CN	194.9 14.9	170.60 BLFT19991008ABE	36 10 48 83 17 40	0.010 164	520 1.1	7.4 Bi ble Broadcasting Network	153.79 162.07
284B Dayton	WTUE	LIC OH	CX	332.3 152.3	258.98 BLH20020823AAQ	39 43 19 84 12 36	28.000 177	467 38.3	62.6 Ci ti casters Li censes, L. p.	166.61 158.07
284D Greenvi lle	AP284	APP TN	C	177.5 357.5	182.44 BNPFT20030310AAT	36 01 24 82 42 56	0.010 905	1424 27.0	16.3 Cumberl and Communi ti es Com	137.60 139.07

""Affixed to 'IN' or 'Out' values = site inside protected contour.

ERP and HAAT are on direct line to and from reference station.

"«" = Station meets FCC minimum distance spacing for its class.