

E-1 W284BI Proposed Spacings

REFERENCE		CH# 284D - 104.7 MHz, Pwr= 0.25 kW, HAAT=113.0M, COR= 286 M								DISPLAY DATES	
39 06 26 N. 88 33 44 W.		Average Protected F(50-50)= 13.7 km Ave. F(50-10) 40 dBu= 46.6 54 dBu= 20.6 80 dBu= 4.3 100 dBu= 1.1								DATA 10-21-05 SEARCH 10-25-05	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
284D Effingham	W284BI	LIC IL	C	41.0 221.0	2.37 BLFT20050215ABG	39 07 24 88 32 39	0.250 39	200 26.9	8.0 Two Petaz, Inc.	-37.58*	-50.48*
284D Casey	W284BJ	CP IL	C	67.0 247.4	57.44 BNPFT20030828AYJ	39 18 24 87 56 55	0.013 99	282 20.5	6.2 Edgewater Broadcasting, Inc.	23.54	5.40
284A Nashville	WNSV	LIC IL	CN	221.3 40.9	99.35 BLH20000128AAL	38 26 02 89 18 55	3.400 140	278 84.3	28.8 Dana R. Withers	0.67	22.18
282B1 Casey	WCBH	LIC IL	CN	71.1 251.5	57.86 BLH19880928KD	39 16 24 87 55 39	11.000 145	330 3.8	44.2 Two Petaz, Inc.	40.57	12.12
286B1 Shelbyville	WEJT	LIC IL	CX	335.8 155.7	59.30 BLH20020418ABE	39 35 38 88 50 45	13.000 144	344 4.0	45.6 The Cromwell Group, Inc.	42.16	12.18
281D Shelbyville	AP281	APP IL	C	328.2 148.0	39.13 BNPFT20030317BKN	39 24 22 88 48 09	0.120 27	208 0.8	5.9 Covenant Network	25.35	32.12
231D Mattoon	AP231	APP IL	C	21.0 201.1	44.41 BNPFT20030312BAO	39 28 49 88 22 35	0.250 42	249 8.4	8.4 The Cromwell Group, Inc.	3.2R	41.2M
231D Mattoon	AP231	APP IL	C	21.0 201.1	44.41 BNPFT20030314BSH	39 28 49 88 22 35	0.250 42	249 8.4	8.4 The Cromwell Group, Inc.	3.2R	41.2M
285A Fairfield	WFIWFM	LIC IL	CN	165.7 345.9	83.36 BLH19960731KF	38 22 46 88 19 33	4.900 109	238 43.2	28.1 Wayne County Broadcasting	25.80	33.60
284B Jasper	WITZFM	LIC IN	CN	120.4 301.4	164.14 BLH6255	38 21 02 86 56 26	50.000 134	273 135.6	62.8 Jasper On The Air, Inc.	14.55	37.81
283B Springfield	WFMBFM	LIC IL	CN	308.2 127.5	118.52 BLH19830815AC	39 45 36 89 39 05	43.000 142	308 74.8	62.5 Capstar Tx Limited Partner	30.64	28.16
231D Bethany	AP231	APP IL	C	345.8 165.7	61.23 BNPFT20030317AEC	39 38 30 88 44 15	0.250 40	224 8.2	8.2 Covenant Network	3.2R	58.0M
286D Robinson	AP286	APP IL	C	99.2 279.7	68.95 BNPFT20030313BOT	39 00 21 87 46 35	0.055 70	219 0.5	7.4 Illinois Bible Institute,	54.64	60.48
286D Robinson	AP286	APP IL	C	98.7 279.2	72.63 BNPFT20030317AKL	39 00 20 87 44 00	0.170 31	183 0.9	6.5 Covenant Network	57.93	65.02
231B Mount Vernon	WMI XFM	LIC IL	HN	201.0 20.8	87.56 BLH2581	38 22 14 88 55 20	50.000 158	321 61.0	66.1 Withers Broadcasting Compa	15.0R	72.6M
287A Staunton	WAOX	LIC IL	C	266.4 85.7	102.93 BLH19991206AAL	39 02 37 89 44 56	6.000 85	272 2.6	26.2 Talley Broadcasting Corpor	87.09	75.62
231D Decatur	AP231	APP IL	DV	337.9 157.6	88.59 BNPFT20030312AWO	39 50 43 88 57 13	0.162 30	232 6.4	6.4 Wejt, Inc.	3.2R	85.4M
287B Evansville	WJLT	LIC IN	CN	143.8 324.4	141.09 BLH19971219KF	38 04 45 87 36 36	50.000 142	280 5.8	64.0 Regent Broadcasting Of Eva	121.09	75.41
283D Highland	AP283	APP IL	C	247.9 67.2	102.45 BNPFT20030317KTL	38 45 23 89 39 18	0.038 67	219 9.4	6.6 New Life Evangelistic Cent	79.32	75.22
230B1 Clinton	R---	IN		63.8 244.4	101.75	39 30 23 87 30 01	25.000 98	267 43.8	44.4	12.0R	89.8M
285D AP285		APP C		247.2	103.60	38 44 28	0.250	194	8.4	77.99	74.51

Highland	IL		66.5	BNPFT20030317LTX	89 39 40	42	11.9	Countryside Broadcasting,			
283D AP283 Highland	APP IL	C	248.9 68.2	105.17 BNPFT20030314BUZ	38 45 45 89 41 31	0.150 50	208 11.5	8.1 Bond Broadcasting, Inc.	79.95	76.45	
285A WAXI Rockville	LIC IN	CN	57.1 237.9	128.84 BLH7471	39 43 44 87 17 56	1.200 151	317 35.4	23.6 Crossroads Investments, LI	80.03	85.00	
230A RDEL Clinton	DEL IN		61.9 242.6	105.83	39 33 01 87 28 32	6.000 90	271 28.7	27.0 Word Power, Inc.	10.0R	95.8M	
230A RDEL Clinton	DEL IN		61.9 242.6	105.83	39 33 01 87 28 32	6.000 90	271 28.7	27.0 Indy Li co, Inc. And Wfms L	10.0R	95.8M	
230A WPFRFM Clinton	LIC IN	C	61.9 242.6	105.83 BLED20000605ABI	39 33 01 87 28 32	2.350 153	334 29.8	27.6 Word Power, Inc.	10.0R	95.8M	
281B WIKYFM Evansville	LIC IN	CN	145.7 326.3	149.96 BLH19830311AH	37 59 21 87 35 48	39.000 153	298 5.7	63.1 South Central Communicatio	130.10	85.20	
281C2 WRDA Jerseyville	LIC IL	CN	260.2 79.1	153.96 BLH19880414KC	38 51 36 90 18 38	39.000 186	312 6.2	53.9 Emmis Radio License, Lic	134.37	98.98	
283L1 WRFU-L Urbana	CP IL		15.1 195.4	115.59 BMPL20050721ACG	40 06 41 88 12 25	0.100 24	239 8.0	5.6 Socialist Forum	94.37	90.11	
283D AP283 Lebanon	APP IL	C	242.6 61.8	117.81 BNPFT20030317JAC	38 36 50 89 45 50	0.120 24	172 8.4	5.9 Covenant Network	95.56	91.03	
282A DWCCZ Pinckneyville	VAC IL	N	212.4 31.9	133.33	38 05 30 89 22 46	6.000 101	238 2.8	28.4	116.10	103.84	
281B1 WBWN Le Roy	LIC IL	CN	349.8 169.6	148.58 BLH19900828KC	40 25 25 88 52 28	25.000 105	344 4.2	45.6 Regent Broadcasting Of Lan	131.22	101.40	
287D AP287 Springfield	APP IL	C	312.5 131.8	119.69 BNPFT20030312BDQ	39 49 44 89 35 44	0.019 116	281 0.3	7.3 Illinois Bible Institute,	106.36	111.24	
287D AP287 Springfield	APP IL	C	310.2 129.5	121.24 BNPFT20030317ANB	39 48 18 89 38 45	0.055 70	238 0.5	7.4 Covenant Network	107.64	112.78	
283A WBVN Carrier Mills	LIC IL	CN	186.0 5.9	148.84 BMLH19960624KD	37 46 25 88 44 20	6.000 97	239 43.1	27.9 Kenneth W. And Jane A. And	91.51	99.45	
287D AP287 Springfield	APP IL	C	309.8 129.1	122.31 BNPFT20030310ACN	39 48 18 89 39 43	0.250 28	197 1.1	7.1 Cornerstone Community Radi	108.12	114.11	
285C3 KMJFMF Columbia	LIC IL	CN	249.3 68.2	164.12 BLH19921028KE	38 34 24 90 19 30	7.800 187	329 59.0	40.0 Citicasters Licenses, L.p.	91.42	103.57	
231D AP231 Princeton	APP IN	C	134.4 315.0	118.66 BNPFT20030312BDT	38 21 25 87 35 25	0.020 60	177 5.4	5.4 Indiana Community Radio Co	3.2R	115.5M	
230B1 RDEL Linton	DEL IL		320.6 140.0	127.62	39 59 25 89 30 46	25.000 91	278 42.4	43.2 Saga Communications Of Ill	12.0R	115.6M	
230B1 WABZ Sherman	LIC IL	CX	320.6 140.0	127.62 BLH20041206AAT	39 59 25 89 30 46	15.000 124	311 42.8	44.1 Saga Communications Of Ill	12.0R	115.6M	
285A WPNX Paxton	LIC IL	CN	14.5 194.8	154.52 BLH19841026DD	40 27 11 88 06 11	3.000 95	323 35.7	23.7 Paxton Broadcasting Corpor	105.56	110.96	
286B1 WTAOFM Murphysboro	LIC IL	CN	203.9 23.5	164.14 BLH19920108KF	37 45 15 89 19 14	25.000 100	218 4.1	44.7 Cc Licenses, Lic	145.72	117.85	
230B1 RADD Sherman	ADD IL		317.0 136.3	137.03	40 00 09 89 39 35	25.000 102	275 44.7	45.2 Saga Communications Of Ill	12.0R	125.0M	
230D AP230 Ft Branch	APP IN	C	137.8 318.4	129.78 BNPFT20030313ACJ	38 14 18 87 33 52	0.020 100	233 6.9	6.9 Indiana Community Radio Co	3.2R	126.6M	
231D W231AN	CP	C	113.0	130.45	38 38 29	0.038	202	6.4	3.2R	127.2M	

Washington	IN		293.9	BMPFT20050415ABD	87	10	56	63	6.4	Radio Assist Ministry, Inc		
281D AP281 Knightsville	APP IN	C	68.4 249.3	140.60 BNPFT20030317KQX	39	33	45	0.170 27	220 0.9	6.4 Covenant Network	126.28	133.05
286A WHCC Ellettsville	LIC IN	C	86.0 267.2	161.59 BLH20000502AAN	39	11	32	1.700 218	408 2.4	30.2 Artistic Media Partners, I	145.51	130.24
281D AP281 Danville	APP IL	C	34.7 215.3	142.97 BNPFT20030317DIF	40	09	39	0.055 47	237 0.5	6.1 Edgewater Broadcasting, In	129.43	135.80
284C3 KREZ Chaffee	LIC MO	CX	200.7 20.1	230.43 BLH20020614AAI	37	09	46	7.700 190	296 103.5	40.1 Dana R. Withers	112.74	142.43
284B WCFL Morris	LIC IL	DCN	1.2 181.3	249.61 BLH19920129KB	41	21	17	40.733 132	316 130.7	60.5 Illinois District Council	105.51	127.39
284D AP284 Desoto	APP MO	C	239.2 58.0	202.62 BNPFT20030317JAJ	38	09	30	0.030 76	225 22.1	6.6 Covenant Network	166.46	148.38
231D W231AT Bloomfield	CP IN	C	94.2 275.2	142.48 BNPFT20030828AUH	39	00	11	0.013 134	287 7.2	7.2 Radio Assist Ministry, Inc	3.2R	139.3M
285D W285DO Bloomington	CP IL	C	346.6 166.3	154.61 BNPFT20030812ABC	40	27	38	0.055 50	281 8.9	6.2 Cornerstone Community Radi	132.41	128.44
284A WLMD Bushnell	LIC IL	CN	314.8 133.6	229.52 BLH19920819KD	40	32	45	3.300 129	309 82.2	27.6 Wpw Broadcasting, Inc.	134.40	157.42
286D W286AJ Jerseyville	CP IL	C	271.6 90.5	153.96 BNPFT20030812ABL	39	08	00	0.080 26	200 0.6	5.3 Cornerstone Community Radi	140.15	147.53
287D WTPC El sah	LIC IL	CN	264.0 82.9	155.75 BLED19910326KA	38	56	52	0.017 61	220 0.3	5.2 Principia College Communica	142.12	149.41
287B WKOA Lafayette	LIC IN	CN	44.9 226.0	205.46 BLH6529	40	24	08	50.000 94	291 4.7	55.9 Wask, Inc.	187.51	147.93
285A WXCL Pekin	LIC IL	CN	334.2 153.6	189.95 BLH19860509KB	40	38	34	3.000 82	290 32.8	22.0 Aaa Entertainment Licensin	144.09	148.37
281D AP281 Cl overdale	APP IN	C	71.4 252.6	163.42 BNPFT20030317DLQ	39	33	37	0.010 141	372 0.2	6.9 Edgewater Broadcasting, In	149.73	155.43
231A RADD Oolitic	ADD IN		93.9 275.2	167.82	38	59	16	6.000 105	317 31.2	29.0 Bruce Qui nn	10.0R	157.8M
283B WJJK Noblesville	LIC IN	CX	67.5 249.1	220.86 BMLH20030828AYT	39	50	25	50.000 153	390 78.6	65.5 Indy Li co, Inc	128.91	126.84
283B AL283 Noblesville	RSV IN		67.5 249.1	220.86 RM10153	39	50	25	50.000 153	390 78.6	65.5	128.91	126.84
283D AP283 St. Genevieve	APP MO	C	226.3 45.3	180.61 BNPFT20030317JAP	37	58	30	0.170 48	177 11.6	8.1 Covenant Network	154.78	150.92
282D AP282 Bloomington	APP IN	C	87.8 269.1	175.00 BNPFT20030317AWE	39	08	57	0.038 18	270 0.4	4.4 Educational Media Foundati	160.86	169.51
281D AP281 Bloomington	APP IN	C	88.1 269.4	178.78 BNPFT20030317DLN	39	08	31	0.010 179	426 0.2	7.8 Edgewater Broadcasting, In	164.85	169.91
284D W284AO Central City	LIC KY	H	148.3 329.2	238.96 BLFT20001220ADD	37	16	09	0.025 45	174 15.6	4.9 Starlight Broadcasting Co.	209.14	186.04
281D AP281 Bedford	APP IN	C	96.3 277.7	182.19 BNPFT20030317DLJ	38	54	29	0.010 117	313 0.2	6.3 Edgewater Broadcasting, In	168.20	174.76
231D AP231 Bloomington	APP IN	C	88.1 269.4	178.78 BNPFT20030317FMC	39	08	31	0.010 179	426 7.8	7.8 Radio Assist Ministry, Inc	3.2R	175.6M
285D W285DM	CP	C	77.5	189.37	39	27	22	0.005	323	5.1	168.72	163.96

Martinsville	IN		258.8	BNPFT20030822ABC	86 24 50	107	7.1	Radio Assist Ministry, Inc
283D AP283 Festus	APP MO	C	238.3 57.2	190.67 BNPFT20030310BDK	38 11 37 90 25 01	0.120 83	214 13.7	9.9 Missouri River Christian B
283A KSLQFM Washington	LIC MO	CN	255.4 73.9	213.46 BLH19900116KB	38 36 03 90 56 04	3.000 100	283 36.6	24.2 Y2k, Inc.
283A KSLQFM Washington	CP MO	NCN	255.4 73.9	213.46 BPH19951005IB	38 36 03 90 56 04	1.300 176	359 38.7	25.7 Y2k, Inc.
284D W284AD New Albany	LIC IN	C	111.3 293.0	246.48 BLFT19941007TC	38 16 20 85 56 14	0.010 137	360 22.7	6.8 Educational Media Foundati
231D AP231 Sunset Hills	APP MO	C	247.4 66.2	186.70 BNPFT20030317JFX	38 26 50 90 32 18	0.034 243	411 12.3	12.3 Radio Assist Ministry, Inc
231B WGFAFM Watseka	LIC IL	CN	19.9 200.4	199.55 BLH19970711KC	40 47 37 87 45 17	50.000 109	305 53.7	58.8 Iroquois County Broadcasti
285D AP285 Brownsburg	APP IN	C	64.5 245.8	200.47 BNPFT20030317IDB	39 51 47 86 26 46	0.027 62	350 8.3	5.8 Radio Assist Ministry, Inc
230C2 WKTG Madisonville	LIC KY	NCN	149.8 330.5	202.89 BLH19980629KC	37 31 26 87 24 11	35.000 187	303 60.4	53.0 Sound Broadcasters, Inc.
286D W286AI Pontiac	CP IL	C	355.6 175.5	197.90 BNPFT20030822ABU	40 53 03 88 44 33	0.006 111	317 0.2	5.4 Edgewater Broadcasting, In
285A WINN Columbus	LIC IN	CN	86.9 268.6	225.11 BLH19910501KA	39 11 09 85 57 37	6.000 59	297 33.4	22.3 White River Broadcasting C
285A WAVJ Princeton	LIC KY	CN	164.2 344.6	228.98 BLH4354	37 07 14 87 51 31	6.000 69	212 36.1	23.8 Caldwell County Cbc, Inc.
282D AP282 West Lafayette	APP IN	C	40.8 221.8	202.41 BNPFT20030314BKL	40 28 31 87 00 01	0.019 76	271 0.3	5.9 Friends Of Christian Radio

ERP and HAAT on direct-line with reference station.
***affixed to 'IN' or 'Out' values = site inside protected contour.