

Channel Study

REFERENCE CH# 279D - 103.7 MHz, Pwr= 0.25 kW, HAAT= 58.2 M, COR= 130 M DISPLAY DATES
 35 54 45.0 N. Average Protected F(50-50)= 10.0 km DATA 10-13-09
 89 53 28.0 W. SEARCH 10-13-09

CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
279C1 Murray	WFGS	LIC CN KY	62.7 243.6	157.05 BLH19870724KA	36 32 58.0 88 19 52.0	100.000 201	161.6 361	63.6 Forever Communications, In	-14.47*	60.24
277D Blytheville	K277AV	LIC C AR	264.7 84.7	9.72 BLFT20070601BQC	35 54 16.0 89 59 54.0	0.250	1.1 150	11.4 Educational Media Foundati	-1.48*	-2.76*
278C1 Como	WRBO	LIC CN MS	179.4 359.4	116.53 BLH19980617KC	34 51 44.0 89 52 42.0	100.000 179	90.9 275	61.0 Citadel Broadcasting Compa	15.54	41.56
280C3 Earle	KCJF	LIC CX AR	235.2 54.7	89.63 BLH20040423AAR	35 27 01.0 90 42 11.0	12.500 143	61.0 221	41.2 Catherine Joanna Flinn	18.30	34.14
280A Gideon	KGLU	LIC ZCX MO	17.4 197.5	59.67 BLH20080527AAA	36 25 31.0 89 41 29.0	2.500 122	27.3 205	18.5 Pollack Steel Supply, Inc.	22.41	27.33
282A Kennett	KXOQ	LIC CN MO	340.3 160.1	53.52 BLH19960111BP	36 21 58.0 90 05 36.0	6.000 100	2.8 184	29.3 P.m. Broadcasting, Inc	40.75	23.12
278C2 Poplar Bluff	KLUE	LIC CN MO	339.4 159.1	110.98 BLH19960417KA	36 50 50.0 90 19 52.0	50.000 99	73.5 218	48.1 Benjamin Stratemeyer	27.58	49.08
281C1 Jackson	WOGY	LIC CX TN	106.9 287.5	100.08 BLH20070815AAD	35 38 49.0 88 50 00.0	100.000 208	8.6 334	65.5 Forever South Licenses, L	81.46	33.45
278L1 Jonesboro	KPWH-LP	LIC AR	259.8 79.4	67.89 BLL20070122ABM	35 48 09.3 90 37 49.9	0.100 19	4.3 98	3.0 Powerhouse Ministries	53.56	50.87
276D Marked Tree	K276FD	LIC C AR	239.1 58.8	66.49 BLFT20070906AFW	35 36 16.0 90 31 18.0	0.250	1.1 157	12.4 Horizon Christian Fellowsh	55.05	52.98
276C2 Jackson	WMXX-FM	LIC C TN	112.0 292.7	107.82 BLH20040315AAU	35 32 39.0 88 47 18.0	42.000 164	6.0 296	52.9 Gerald W. Hunt	91.67	53.85
279C Little Rock	KABZ	LIC CN AR	243.1 61.6	267.03 BLH19960614KA	34 47 56.0 92 29 44.0	100.000 457	190.6 583	86.6 Signal Media Of Arkansas,	66.11	145.61
226C3 Alamo	WWGM	LIC CX TN	105.3 285.8	77.98 BLH20060322ADI	35 43 28.0 89 03 35.0	14.000 135	32.9 241	103.8 Grace Broadcasting Service	11.5R	66.5M

Terrain database is NGDC 30 SEC Distance + R = 73.215 or FCC spacings in KM, Distance + M = Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone = 2. With 3rd Adj
 Channels.

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...