

Channel Study Minor Modification of K275BU											
REFERENCE		CH# 275D - 102.9 MHz, Pwr= 0.25 kW, HAAT= 43.3 M, COR= 231 M							DISPLAY DATES		
38 36 05.2 N.		Average Protected F(50-50)= 8.54 km							DATA 07-07-15		
91 14 28.0 W.		Omni-directional							SEARCH 07-20-15		
CH CITY	CALL	TYPE STATE	ANT AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
275D K275BU Hermann		CP _C_ MO	293.2 113.1	19.08 BNPFT20130325AMP	38 40 08.2 91 26 35.4	0.140 113	44.8 310	12.3 Covenant Network	-34.5*	-31.1*	
273C0 KEZK-FM St. Louis		LIC _CX MO	91.9 272.5	79.63 BLH20110919ADL	38 34 27.7 90 19 31.5	100.000 309	9.9 462	71.4 Cbs Radio Stations Inc.	58.1	7.1	
277C1 KLOU St. Louis		LIC _CX MO	91.9 272.5	79.63 BLH20150311AAF	38 34 27.7 90 19 31.4	90.000 309	9.7 462	70.3 Citicasters Licenses, Inc.	58.4	8.1	
275C1 KEZS-FM Cape Girardeau		LIC _CN MO	131.6 312.6	198.20 BLH19870501KC	37 24 23.0 89 33 44.0	100.000 289	168.1 435	68.9 Mrr License Lic	20.1	96.1	
275C1 KMMO-FM Marshall		LIC _CN MO	289.7 108.4	181.40 BLH19931213KB	39 08 03.0 93 13 19.0	100.000 116	149.5 337	54.1 Missouri Valley Broadcasti	22.4	98.9	
276A AL7107 Rolla		RSV-A ____ MO	213.0 32.7	84.34 RM10567*	37 57 50.0 91 45 54.0	6.000 100	38.0 399	24.9 Kttr-kznn, Inc.	37.4	46.9	
276A KDAA Rolla		LIC _CX MO	208.9 28.5	91.76 BLH20060710AAT	37 52 39.0 91 44 45.0	2.050 174	42.4 480	28.1 Kttr-kznn, Inc.	40.5	51.5	
275L1 KYGV-LP St. Louis		CP ____ MO	90.4 271.0	86.63 BNPL20131112BOF	38 35 31.0 90 14 39.0	0.020 66	209	61.0 International Institute Of	43.1		
222C0 WIL-FM St. Louis		LIC _CY MO	100.0 280.5	74.50 BLH19890707KC	38 28 56.0 90 23 53.0	100.000 300	0.8 466	12.4 St. Louis Fcc License Sub,	24.5R	50.0M	
277D K277BZ Fulton		CP _C_ MO	296.4 115.9	67.80 BMPFT20130723ABH	38 52 12.4 91 56 34.8	0.250 31	1.1 271	9.9 Covenant Network	56.7	56.5	
272C3 KBXR Columbia		LIC _NC_ MO	297.5 116.8	100.69 BLH20000208ABM	39 00 52.0 92 16 32.0	3.500 261	3.2 498	37.1 Cumulus Licensing Lic	87.4	62.4	
274D K274CD Rolla		LIC _C_ MO	213.5 33.2	85.30 BLFT20120927AKW	37 57 37.0 91 46 41.0	0.062 144	13.3 436	9.5 Lake Area Educational Broa	63.1	63.1	
276D K276DI Columbia, Etc.		LIC _C_ MO	294.1 113.4	97.63 BLFT20120907ADD	38 57 18.0 92 16 20.0	0.250 113	18.0 346	12.3 Zimmer Radio Of Mid-missou	69.8	73.4	
274A KQUL Lake Ozark		LIC _CN MO	242.0 61.2	132.32 BLH19940516KZ	38 02 06.0 92 34 31.0	6.000 100	42.5 357	27.8 Benne Broadcasting Co. Of	81.7	92.9	
272A KOZQ-FM Waynesville		LIC _NC_ MO	222.7 42.2	117.86 BLH19971128KC	37 49 09.0 92 09 06.0	2.650 150	2.7 436	30.6 Waynesville/ Lebanon Licen	106.2	86.0	
278C2 KCKZ Huntsville		LIC _CX MO	316.2 135.5	134.50 BLED20140211AAM	39 28 09.0 92 19 35.0	50.000 102	5.0 345	45.2 Lake Area Educational Broa	118.3	87.7	
221C3 KMFC Centralia		LIC _NC_ MO	308.4 127.9	101.62 BMLED20130710AAB	39 09 58.0 92 09 52.0	16.000 122	0.8 379	12.4 Educational Media Foundati	11.5R	90.1M	
275B WSOY-FM Decatur		LIC _CN IL	53.6 235.1	243.56 BLH19990512KB	39 52 41.0 88 56 32.0	54.000 135	138.8 339	65.2 Neuhoff Media Decatur, Lic	93.8	125.7	
221A KCVZ Dixon		LIC _CX MO	229.2 48.6	107.33 BLED20030715ABF	37 57 59.0 92 10 03.0	6.000 100	0.8 389	12.4 Lake Area Educational Broa	9.5R	97.8M	
274D K274CF Monroe City		CP _C_ MO	340.0 159.6	125.19 BNPFT20130325AIR	39 39 29.8 91 44 32.4	0.250 58	15.3 270	10.7 Covenant Network	98.7	99.7	
277D K277CF Hannibal		CP _C_ MO	353.6 173.5	126.26 BNPFT20130325ABJ	39 43 47.8 91 24 19.5	0.170 96	0.9 270	11.5 Covenant Network	115.0	113.4	
275L1 WQIN-LP Quincy		LIC ____ IL	354.5 174.4	150.68 BLL20021219AAK	39 57 02.0 91 24 33.0	0.060 35	205	118.1 3 Angels Broadcasting Mess	114.5		
275C1 KHBZ Harrison		LIC _CX AR	216.9 35.7	298.52 BLH20130926BCC	36 26 10.0 93 14 36.0	100.000 293	169.5 651	70.2 Khoz, Lic	120.1	198.1	

Terrain database is NED 03 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= West Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with strikeout 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.