

GRAY-SUMMIT New Site

REFERENCE  
38 29 44.0 N.  
90 48 33.0 W.

CH# 236D - 95.1 MHz, Pwr= 0.03 kw, HAAT= 132.6 M, COR= 308 M  
Average Protected F(50-50)= 8.78 km

DISPLAY DATES  
DATA 12-05-07  
SEARCH 12-06-07

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*
234C0 Crestwood	KSHE	LIC _CX MO	78.2 258.5	43.09 BMLH20061011ADJ	38 34 24.0 90 19 30.0	100.000 313	10.3 466	73.1 Emmis Radio License, Llc	24.42	-30.41*
236D Gray Summit	K236AZ	CP _C_ MO	46.2 226.3	7.07 BNPFT20030815ADT	38 32 22.2 90 45 01.8	0.010	18.1 297	5.5 Missouri River Christian B	-18.32*	-22.91
237C2 Owensville	KXMO-FM	LIC _C_ MO	232.3 51.9	65.34 BLH20010222AAR	38 08 06.0 91 23 59.0	37.000 172	78.5 445	53.1 Kttr-kznn, Inc.	-21.71*	0.22
238C3 Bethalto	WFUN-FM	LIC NC_ IL	51.8 232.1	56.87 BLH20000616AEK	38 48 38.0 90 17 38.0	24.500 102	3.7 248	35.9 Radio One Licenses, Llc	46.10	20.62
236B1 Carterville	WUEZ	LIC _C_ IL	121.8 302.7	160.76 BLH20010117ABF	37 43 31.0 89 15 25.0	17.600 119	110.4 253	46.0 Mrr License Llc	41.20	78.27
236B Decatur	WDZQ	LIC _C_ IL	49.3 230.4	195.39 BLH20000509AAO	39 37 40.0 89 04 51.0	50.000 150	138.8 341	66.1 Abg Illinois Licenses, Llc	49.37	94.70
236C1 Mammoth Spring	KAMS	LIC _CN AR	194.4 14.0	223.12 BLH19881108KC	36 32 49.0 91 25 47.0	100.000 198	160.9 418	63.0 Ozark Radio Network, Inc.	53.28	130.19
236C3 Versailles	KTKS	LIC NCN MO	267.4 86.1	170.71 BLH20000630ADB	38 24 32.0 92 45 42.0	12.500 141	105.5 410	39.0 Twin Lakes Communications,	56.91	103.78
239C Mexico	KWWR	LIC NCY MO	307.1 126.2	143.20 BLH20000530ACL	39 15 49.0 92 08 06.0	100.000 360	11.0 608	76.3 Kxeo Radio, Inc.	122.81	66.51

Terrain database is NGDC 30 SEC

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

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.