

### Channel Study

REFERENCE		CH# 249D - 97.7 MHz, Pwr= 0.17 kW, HAAT= 74.1 M, COR= 360 M							DISPLAY DATES		
39 34 56.0 N.		Average Protected F(50-50)= 10.2 km							DATA 04-19-13		
95 07 52.0 W.		Omni-directional							SEARCH 04-19-13		
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*
249D Atchison	K249DT	LIC	V KS	258.7 78.6	10.82 BLFT20070409AAC	39 33 47.0 95 15 18.0	0.170 88	41.7 402	12.2 Educational Media Foundati	-37.3*	-22.9*
249C1 Nebraska City	KBBX-FM	LIC	CX NE	329.5 148.9	169.38 BMLH20130124AGT	40 53 27.0 96 09 11.0	100.000 298	173.1 661	73.1 Connoisseur Media Of Omaha	-13.9*	61.8
249C1 La Monte	KPOW-FM	LIC	CX MO	109.6 290.7	170.80 BLH20021101ABG	39 03 10.0 93 16 01.0	100.000 299	169.9 520	70.6 Benne Broadcasting Of Seda	-10.2	62.1
247C1 Lee's Summit	KLRX	RSV-A	MO	140.8 321.1	73.03 RM10017	39 04 20.0 94 35 45.0	100.000 299	10.3 566	73.3 Educational Media Foundati	49.7	-1.2*
251C0 Kansas City	KMBZ-FM	LIC	C KS	139.3 319.7	81.84 BLH20030423AAV	39 01 20.0 94 30 49.0	100.000 335	10.9 611	76.1 Entercom Kansas City Licen	58.0	4.9
247C1 Lee's Summit	KLRX	LIC	NC MO	133.7 314.2	78.76 BMLED20080102ABC	39 05 26.0 94 28 18.0	55.000 357	9.5 617	71.6 Educational Media Foundati	56.3	6.3
249C2 Burlington	KSNP	LIC	NCX KS	192.8 12.5	161.37 BLH20070308AAW	38 09 57.0 95 32 19.0	17.200 178	115.3 502	44.1 My Town Media Inc	37.0	87.3
248C1 Junction City	KJCK-FM	RSV-A	KS	247.7 66.6	162.43 RM10017	39 00 53.0 96 52 15.0	100.000 299	107.6 661	74.1 Eagle Communications, Inc.	48.3	79.0
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Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM											
Contour distances are on direct line to and from reference station. Reference Zone=West Zone,Co to 3rd adjacent.											
All separation margins (if shown) include rounding											
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.											