

AP2389 - Marysville, KS

Interference Study

REFERENCE CH# 219C3 - 91.7 MHz, Pwr= 22 kW, HAAT=86.9 M, COR= 480 M
39 52 12.0 N. Average Protected F(50-50)= 35.74 km
96 44 45.0 W.

DISPLAY DATES
DATA 09-14-07
SEARCH 09-14-07

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*
219A Marysville	AP2389	APP _CX KS	0.0 0.0	0.00 BNPED20000127AA0	39 52 12.0 96 44 45.0	0.250 87	41.5 480	12.1 American Family Associatio	-77.31*	-120.51*
219C2 Salina	KCVS	LIC NC_ KS	211.6 31.0	156.61 BLED20001215AAI	38 39 58.0 97 41 30.0	11.500 228	118.8 643	48.5 Vcy America, Inc.	2.58	0.21
220A Manhattan	KSDB-FM	LIC _CN KS	166.8 346.9	80.56 BLED19870504KA	39 09 49.0 96 31 54.0	1.400 88	31.4 447	21.2 Kansas State University	12.46	2.19
216C1 Lincoln	KUCV	LIC DEX NE	358.5 178.5	72.01 BLED20011022AAR	40 31 06.0 96 46 06.0	100.000 210	8.1 641	63.2 Nebraska Educational Telec	28.02	5.15
221A Seneca Amended 981030	KMZA«	LIC NCN KS	94.3 274.8	61.53 BLH19990405KA	39 49 34.0 96 01 45.0	4.000 123	2.6 500	27.8 Knza, Inc.	21.73	29.91
220A Crete	KDNE	LIC _CN NE	348.3 168.2	85.21 BLED19930914KF	40 37 16.0 96 57 04.0	0.200 20	9.6 446	6.7 Doane College Board Of Tru	39.88	22.48
218C1 Lawrence	KANU	LIC _CN KS	128.3 309.2	162.81 BLED19920721KA	38 57 14.0 95 16 11.0	100.000 213	94.6 491	63.8 University Of Kansas	31.54	41.91
219A Hastings Amended 980320	KNHS	CP _CX NE	298.2 117.1	155.97 BPED19971008MA	40 31 13.0 98 22 10.0	1.300 45	54.3 618	15.1 American Family Associatio	69.77	35.88
221C3 Belleville One-step Application from Channel 221A	KREP«	LIC NCN KS	260.1 79.5	75.47 BLH19970716KA	39 45 00.0 97 36 48.0	14.500 84	3.0 541	29.6 First Republic Broadcastin	39.06	42.49
06+2C Omaha	WOWTTV	LI _HY NE	20.5 201.0	171.21 BLCT19831024KI	41 18 40.0 96 01 37.0	100.000 418	761	113.6 Gray Television Licensee,	123.4R	47.8M
218C1 Omaha	KIOS-FM	LIC _CN NE	21.7 202.2	169.80 BLED19890508KA	41 17 15.0 95 59 37.0	55.000 169	82.6 503	55.7 Douglas County School Dist	51.63	58.23
220C3 St. Joseph	KSRD	LIC DCX MO	96.4 277.5	146.98 BLED20040928AHD	39 42 35.0 95 02 33.0	10.000 150	51.7 435	33.7 Horizon Christian Fellowsh	58.17	55.73
217A Olburg	KANV	LIC _C_ KS	187.9 7.8	95.80 BLED20030117ABS	39 00 55.0 96 53 55.0	6.000 100	2.8 462	28.4 The University Of Kansas	58.58	63.85
272C3 Humboldt One Step Application	AP8016«	APP NCX NE	72.6 253.1	70.48 BNPH20070119ACW	40 03 22.0 95 57 26.0	7.000 100	0.0 437	0.0 Cumulus Licensing Lic	11.5R	59.0M
272C3 Humboldt One Step Application	AP4823«	APP NCX NE	72.6 253.1	70.48 BNPH20070119ACW	40 03 22.0 95 57 26.0	7.000 100	0.0 437	0.0 Cumulus Licensing Lic	11.5R	59.0M
272C3 Humboldt One Step Application	RS4464«	RSV _ NE	64.1 244.6	75.82	40 09 51.0 95 56 40.0	25.000 100	0.0 432	0.0 Cumulus Licensing Lic	11.5R	64.3M
272C3 Humboldt One Step Application	RS0189«	RSV _ NE	64.1 244.6	75.82	40 09 51.0 95 56 40.0	25.000 100	0.0 432	0.0 Cumulus Licensing Lic	11.5R	64.3M
272C3 Humboldt new drop-in	RADD«	ADD _ NE	64.1 244.6	75.82	40 09 51.0 95 56 40.0	25.000 100	0.0 432	0.0 Cumulus Licensing Lcc	11.5R	64.3M
06NT Junction City	KTLJ-C	LI _HN KS	183.0 3.0	94.65 BLTVL19880729IX	39 01 07.0 96 48 14.0	0.016 84	408	3.5 Montgomery Communications,	13.8R	80.9M

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.

"«" = Station meets FCC minimum distance spacing for its class.