

AP5222 - Marysville, KS
Interference Study

REFERENCE
39 52 12.0 N.
96 44 45.0 W.

CH# 219A - 91.7 MHz, Pwr= 0.6 kW, HAAT= 86.9 M, COR= 480 M
Average Protected F(50-50)= 14.91 km

DISPLAY DATES
DATA 12-18-07
SEARCH 12-19-07

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)
219C3 Marysville	AP5222	APP KS	_CX	0.0 0.0	0.00 BNPED20071015DMP	39 52 12.0 96 44 45.0	22.000 87	108.5 480	35.8 American Family Associatio	-123.41*<	-87.48*<
219A Tecumseh	AP5645	APP NE	DCX	55.5 236.0	80.17 BNPED20071012AGA	40 16 31.0 95 58 05.0	6.000 94	62.6 438	19.4 Mission Nebraska, Inc.	0.38	4.64
216C1 Lincoln	KUCV	LIC NE	DEX	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	48.95	7.22
219C2 Salina	KCVS	LIC KS	NC_	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.	23.14	57.20
221A Seneca Amended 981030	KMZA«	LIC KS	NCN	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.	30.5R	31.0M
219A Utica	AP4252	APP NE	_CX	339.2 158.8	134.50 BNPED20071018ANL	41 00 00.0 97 19 00.0	6.000 100	87.7 578	29.1 The Johnson Foundation	32.46	55.46
220A Manhattan	KSDB-FM	LIC KS	_CN	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	33.79	36.23
221C3 Belleville One-step Application from Channel 221A	KREP«	LIC KS	NCN	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 Broadcasti	41.5R	34.0M
06NT Junction City	KTLJ-C	LI KS	_HN	183.0 3.0	94.65 BLTVL19880729IX 8	39 01 07.0 96 48 14.0	0.016 84		3.5 Montgomery Communications,	7.7R	87.0M

Terrain database is NGDC 30 SEC Distance + R = FCC Required Spacings in KM, Distance + M = Margin in KM
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.
"<" = Contour Overlap