

AP5586 - Norton, KS
Interference Study

REFERENCE
39 47 51.0 N.
99 53 29.0 W.

CH# 218A - 91.5 MHz, Pwr= 6 kW, HAAT= 51.8 M, COR= 775 M
Average Protected F(50-50)= 20.95 km

DISPLAY DATES
DATA 12-15-07
SEARCH 12-17-07

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)
218A Norton	AP5586	APP KS	_CX	229.1 49.1	0.19 BNPED20071015DMR	39 47 47.0 99 53 35.0	6.000 48	82.5 771	25.0 American Family Associatio	-98.30*<	-93.67*<
215C1 Long Island	AP5466	APP KS	DCX	29.3 209.6	74.92 BNPED20071022BMY	40 23 05.0 99 27 31.0	25.000 339	7.2 1046	62.2 Union Valley Baptist Churc	43.67	10.36
217C0 Kirwin	AP5707	APP KS	DCX	112.0 293.0	138.85 BNPED20071022BJC	39 19 13.0 98 23 53.0	94.000 323	106.0 812	73.1 Joshua Springs Calvary Cha	12.64	36.04
217A Oberlin	KRLE	CP KS	_CX	269.0 88.6	54.85 BPED19981015MA	39 47 14.0 100 31 54.0	0.250 36	10.8 855	7.5 Educational Media Foundati	21.21	12.81
216A Phillipsburg	AP4303	APP KS	_CX	73.8 254.2	50.01 BNPED20071018ATD	39 55 17.0 99 19 46.0	1.500 105	1.6 744	15.8 The Praise Network, Inc.	25.08	31.84
06Z2C Hayes Center	KWNBTV	LI NE	_HN	314.0 133.3	133.55 BLCT20000828AHT 1	40 37 32.0 101 01 45.0	100.000 221		99.4 Pappas Telecasting Of Cent	105.1R	28.5M
219C3 Hays	KZAN	CP KS	_CX	153.4 333.8	104.15 BPED20070806AEV	38 57 29.0 99 21 06.6	7.500 114	48.8 759	31.7 Kanza Society, Inc.	32.47	37.89
215C3 Mccook	AP0905	APP NE	_VX	304.0 123.5	85.05 BNPED20071019AVE	40 13 18.0 100 43 15.0	25.000 70	4.2 874	40.0 Kansas Nebraska Good News	63.00	43.19
219C1 North Platte	KPNE-FM	LIC NE	_E_	322.3 141.5	173.19 BLED20060530AKC	41 01 22.0 101 09 14.0	88.000 288	100.9 1246	69.1 Nebraska Educational Telec	53.74	76.73
219A Hays	KZAN	LIC KS	_CX	154.0 334.4	105.70 BLED20020711AAG	38 56 28.0 99 21 20.0	1.250 75	23.1 717	15.5 Kanza Society, Inc.	59.57	55.43
271C1 Mccook	KZMC	LIC NE	NCX	299.5 119.0	89.64 BLH20061226AAU	40 11 27.0 100 48 29.0	100.000 180	22.2 993	83.9 Legacy Communications, LI c	21.5R	68.1M
217A Kearney	KLPR	LIC NE	_CN	33.4 213.9	121.70 BLED19850118KK	40 42 30.0 99 05 45.0	1.000 37	15.4 698	10.9 University Of Nebraska At	81.66	73.14

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