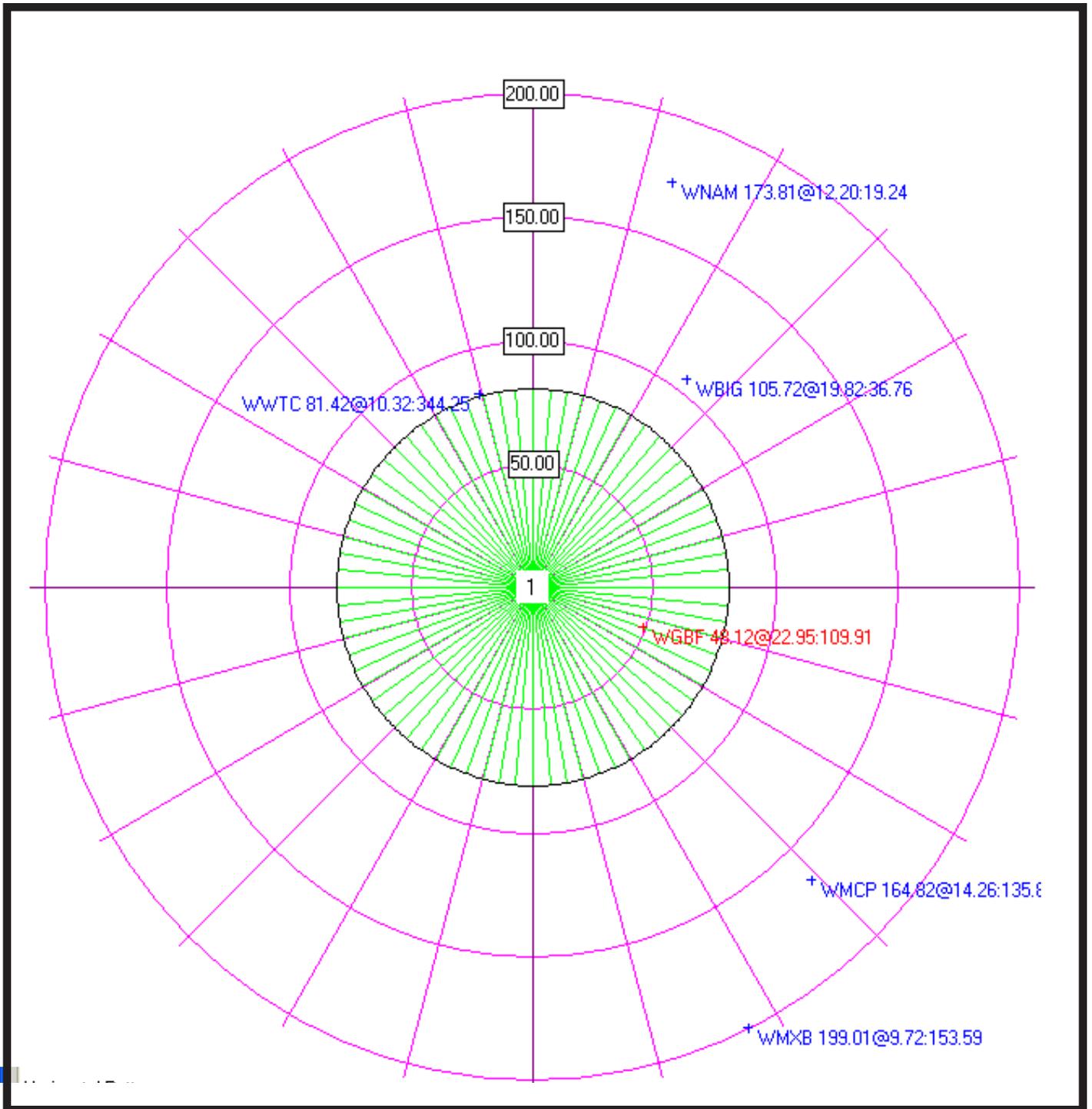


Polar Plot of Night Protection Requirements  
Proposed KYRO (AM)  
1280 kHz, 0.045 kW, ND-N  
Class D Operation



KYRO (AM) 1280 kHz  
Potosi, Missouri  
Seeks: Change COL, Make Changes to Antenna System

Exhibit: KYRO, Page: 1

Proposed KYRO Night Class D  
Operation at 0.045 kW, ND-N  
Stations Placing Limits of  
500 mv/m/km or Greater

<u>Bearing</u>	<u>Limit</u>	<u>Angle</u>	<u>Lat</u>	<u>Lon</u>	<u>Call Sign</u>
19.243715	173.813436	12.201966	44.100278	-88.533889	WNAM
34.062335	250.007455	33.718916	40.623333	-89.590833	WIRL
36.756068	105.724345	19.819807	41.769444	-88.245556	WBIG
54.608190	948.268668	14.505897	41.621111	-85.961111	WCMR
64.084404	208.506148	11.838950	41.278889	-84.397222	WONW
76.818577	507.220426	2.378679	40.826667	-74.075556	WADO
77.280770	1816.65810	29.922780	39.505000	-88.215000	WEIC
108.815157	542.285662	5.943400	35.675000	-80.508333	WSAT
109.911139	48.1207620	22.954728	37.995833	-87.476667	WGBF
121.629514	421.622984	7.140390	34.538056	-82.691111	WANS
136.425192	263.933714	0.000000	18.550000	-72.333333	4VAM
217.343189	464.033899	39.778823	37.828333	-92.174167	KOZQ
283.090369	531.121401	0.542204	40.851944	-111.968056	KZNS
300.734240	416.127653	15.348752	41.188889	-96.005833	KKAR
344.247362	81.4201730	10.319266	44.961389	-93.356667	WWTC

KYRO (AM) 1280 kHz  
Potosi, MO  
Seeks: Change COL, Make changes in antenna system

NIGHT INTERFERENCE FREE STUDY - Proposed Troy, MO Site

Station Information:

Call: KYRO  
Freq: 1280 kHz  
POTOSI, MO, US  
Hours: N  
Lat: 39-03-13 N  
Lng: 090-59-47 W  
Power: 0.045 kW  
Theo RMS: 305.77 mV/m @ 1km @ 1kW

Standard: FCC Rules (1992 Skywave Propagation Model) [ 10% ]

Contributors:

Call	Freq (kHz)	City	St	Ct	Limit (mV/m)	(%)	RSS Limit (mV/m)
WGBF	1280	EVANSVILLE	IN	US	14.174	100.0	14.174
WBIG	1280	AURORA	IL	US	11.383	80.3	18.179
WNAM	1280	NEENAH-MENASHA	WI	US	8.553	47.0	20.090
WMCP	1280	COLUMBIA	TN	US	4.872	24.2	20.672
WONW	1280	DEFIANCE	OH	US	3.823	18.5	21.023
WODT	1280	NEW ORLEANS	LA	US	2.801	13.3	21.209
WKBF	1270	ROCK ISLAND	IL	US	2.773	13.1	21.389
WWTC	1280	MINNEAPOLIS	MN	US	2.748	12.8	21.565
KBNO	1280	DENVER	CO	US	2.629	12.2	21.725
WWPG	1280	TUSCALOOSA	AL	US	2.233	10.3	21.839

Non-Contributors:

Call	Freq (kHz)	City	St	Ct	Limit (mV/m)
WNAM	1280	NEENAH-MENASHA	WI	US	8.553
KYRO	1280	POTOSI	MO	US	3.922
KDKD	1280	CLINTON	MO	US	2.911
KNBY	1280	NEWPORT	AR	US	2.765

# Proposed KYRO Night 0.045 kW, ND Night Interference Free Contour Map

