

Three Angels Broadcasting Network  
Dan Peek—Engineer  
P.O. Box 220  
West Frankfort, Illinois 62896

May 5, 2003

In evaluating the proposed displacement for W50CG, an outgoing interference study was executed using the same tower location, but slightly different radiation pattern (as the existing W50CG license) and an ERP of 44.98 kW. The following stations showed possible interference: WBAY-DT. This station was evaluated for incoming interference using the OET-69 Longley Rice methodology. There was zero percent interference present when rounded to the nearest whole percentage point. The following table identifies the actual percentage interference from the incoming interference analyses.

Callsign	Fac ID	ARN	City	Class	Ovl Pop	Ovl Pop%
WPXA	51969	BPCT20001013ABG	ROME	NTSC	6812	0.23
WHDF-DT	65128	BPCDT19991029ADV	FLORENCE	DTV	29	0.00
WPXA	51969	BLCT19970826KE	ROME	NTSC	3266	0.11
WKSO-DT	34222	BLEDT20020304ALK	SOMERSET	DTV	81	0.02
W14AQ	37550	BLTTL19900206JD	HARROGATE	LPTV	21	0.22
WKSO-TV*	34222	DTV ALLOTMENT	SOMERSET	DTV	142	0.03

The attached page identifies the considered list of stations when the outgoing interference analysis was executed.

## STATIONS CONSIDERED IN THE OUTGOING INTERFERENCE STUDY

Callsign	Fac ID	ARN	City	Class
WPXA	51969	BPCT20001013ABG	ROME	NTSC
WHDF-DT	65128	BPCDT19991029ADV	FLORENCE	DTV
WPXA	51969	BLCT19970826KE	ROME	NTSC
WKSO-DT	34222	BLEDT20020304ALK	SOMERSET	DTV
W14AQ	37550	BLTTL19900206JD	HARROGATE	LPTV
WKSO-TV*	34222	DTV ALLOTMENT	SOMERSET	DTV
WHNS	72300	BLCT20010529ADB	ASHEVILLE	NTSC
WLFB	37806	BPCDT19991029AHN	BLUEFIELD	DTV
WHKY-TV	65919	BLCT19830706KE	HICKORY	NTSC
WFBC-TV*	56548	DTV ALLOTMENT	ANDERSON	DTV
WKOP-TV	18267	BLET19900829KE	KNOXVILLE	NTSC
WFBC-TV*	56548	DTV ALLOTMENT	ANDERSON	DTV
WBSC-DT	56548	BPCDT19991109ACE	ANDERSON	DTV
WBSC-DT	56548	BDSTA20021112ADD	ANDERSON	D-STA
WCCB	49157	BLCT791128LG	CHARLOTTE	NTSC
			WARNER	
NEW	127341	BPRM20000717ACT	ROBINS	NTSC
WLEX-TV	73203	BLCT19850221KF	LEXINGTON	NTSC
WCLP-TV	23942	BLET19891010KE	CHATSWORTH	NTSC
DWLFB*	37806	DTV ALLOTMENT	BLUEFIELD	DTV
			WEST	
W14AS	72302	BLTT19890109IG	ASHEVILLE	LPTV
W17BH	49407	BMPPTL20010112ACB	HUNTINGTON	LPTV
WAPG-CA	77678	BPTTA20020614AAO	GREENEVILLE	A
WEBA-TV	61003	BLET190	ALLENDALE	NTSC
WFIE-TV	13991	BLCT2578	EVANSVILLE	NTSC
WFIE-TV	13991	BPCT20010117ACT	EVANSVILLE	NTSC
WGPX*	65074	DTV ALLOTMENT	BURLINGTON	DTV
WGPX-DT	65074	BMPCDT20030123ACH	BURLINGTON	DTV
WHDF*	65128	DTV ALLOTMENT	FLORENCE	DTV
WHKY-TV	65919	BPCT20001030AAR	HICKORY	NTSC
WIIW-LP	26908	BLTTL20001221AAD	NASHVILLE	LPTV
WLFB*	37806	DTV ALLOTMENT	BLUEFIELD	DTV
WLFB-DT	37806	BDSTA20030418ACE	BLUEFIELD	D-STA
WPTO	25065	BMLET19860925KF	OXFORD	NTSC
WTIU*	66536	DTV ALLOTMENT	BLOOMINGTON	DTV
WTIU*	66536	DTV ALLOTMENT	BLOOMINGTON	DTV
WTIU-DT	66536	BMPEDT20020509AAO	BLOOMINGTON	DTV