

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

March 16, 2007

In evaluating the proposed Digital FlashCut for W61CZ, an outgoing interference study was executed on the proposed parameters on channel 23(T) with an ERP of 3 KW. The stations listed in the table below showed possible interference. When these stations were evaluated for outgoing interference using the OET-69 Longley Rice methodology with a cell size of 1km and a 0.1km radial spacing, there was zero percent interference present found in each case when rounded to the nearest percent.

Callsign	Fac ID	ARN	City	Class	OVL %
WBGU-TV	6568	BLET19860808KL	BOWLING GREEN	NTSC	0.0
WBGU-TV	6568	BPET20030613AFZ	BOWLING GREEN	NTSC	0.0
WBDT	70138	BLCT20001103ABK	SPRINGFIELD	NTSC	0.0
WLMO-LP	70612	BLTTL20050527BIT	LIMA	LP NTSC	0.0
WLIO*	37503	DTV ALLOTMENT	LIMA	NTSC	0.0
WANE-TV	39270	BLCT20020326AAR	FORT WAYNE	NTSC	0.0
WRGT-TV*	411	DTV ALLOTMENT	DAYTON	NTSC	0.0
W47BC	68026	BLTT20051219ADW	SPRINGFIELD	LP NTSC	0.0
WPTD	25067	BLET19920807KG	DAYTON	NTSC	0.0
WPTA-DT	73905	BLCDT20031031AGU	FORT WAYNE	DTV	0.0
WPTA*	73905	DTV ALLOTMENT	FORT WAYNE	NTSC	0.0
WPTA	73905	BMLCT19800917KE	FORT WAYNE	NTSC	0.0
WPTA	73905	BPCT20041029ADU	FORT WAYNE	NTSC	0.0
NEW	168574	BDCCDTT20061030ANU	SPRINGFIELD	LP DTV	0.0
WKJG-TV*	13960	DTV ALLOTMENT	FORT WAYNE	NTSC	0.0
WKEF	73155	BLCT2584	DAYTON	NTSC	0.0
WOHL-LP	68549	BLTTL19990310JA	LIMA	A NTSC	0.0
W23BZ	47695	BDFCDTT20060329ALU	COLUMBUS	LP DTV	0.0
WDFM-LP	73389	BLTTL20031007AAN	DEFIANCE	LP NTSC	0.0
WNDY-TV	28462	BLCT19990430KE	MARION	NTSC	0.0
WDFM-LP	73389	BSTA20020805ABE	DEFIANCE	LP NTSC	0.0

It is noted that this station is near Canada, however, the 19.5 dBu F(50,10) curve does not Cross the border, so no coordination should be necessary.

The following pages identify 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
WBGU-TV	6568	BLET19860808KL	BOWLING GREEN	NTSC
WBGU-TV	6568	BPET20030613AFZ	BOWLING GREEN	NTSC
WBDT	70138	BLCT20001103ABK	SPRINGFIELD	NTSC
WLMO-LP	70612	BLTTL20050527BIT	LIMA	LP NTSC
WLIO*	37503	DTV ALLOTMENT	LIMA	NTSC
WANE-TV	39270	BLCT20020326AAR	FORT WAYNE	NTSC
WRGT-TV*	411	DTV ALLOTMENT	DAYTON	NTSC
W47BC	68026	BLTT20051219ADW	SPRINGFIELD	LP NTSC
WPTD	25067	BLET19920807KG	DAYTON	NTSC
WPTA-DT	73905	BLCDT20031031AGU	FORT WAYNE	DTV
WPTA*	73905	DTV ALLOTMENT	FORT WAYNE	NTSC
WPTA	73905	BMLCT19800917KE	FORT WAYNE	NTSC
WPTA	73905	BPCT20041029ADU	FORT WAYNE	NTSC
NEW	168574	BDCCDTT20061030ANU	SPRINGFIELD	LP DTV
WKJG-TV*	13960	DTV ALLOTMENT	FORT WAYNE	NTSC
WKEF	73155	BLCT2584	DAYTON	NTSC
WOHL-LP	68549	BLTTL19990310JA	LIMA	A NTSC
W23BZ	47695	BDFCDTT20060329ALU	COLUMBUS	LP DTV
WDFM-LP	73389	BLTTL20031007AAN	DEFIANCE	LP NTSC
WNDY-TV	28462	BLCT19990430KE	MARION	NTSC
WDFM-LP	73389	BSTA20020805ABE	DEFIANCE	LP NTSC
WBNS-TV*	71217	DTV ALLOTMENT	COLUMBUS	NTSC
WBQC-CA	19431	BLTTA20041221ABW	CINCINNATI	A NTSC
WBUI	16363	BLCT20010406ABK	DECATUR	NTSC
WCLL-LP	30244	BLTTL19990802JG	COLUMBUS	A NTSC
WCVN-DT	34204	BLEDT20020201ABJ	COVINGTON	DTV
WCVN-TV*	34204	DTV ALLOTMENT	COVINGTON	NTSC
WDNI-LP	28199	BPTTL20060323ABR	INDIANAPOLIS	LP NTSC
WSFJ-DT	11118	BMDSTA20051017ADL	NEWARK	DTV STA
WSFJ-DT	11118	BDSTA20011217ABS	NEWARK	DTV STA
WSBT-TV*	73983	DTV ALLOTMENT	SOUTH BEND	NTSC
WSBT-TV	73983	BLCT19880523KH	SOUTH BEND	NTSC
WFYI	41397	BLET19810825KE	INDIANAPOLIS	NTSC
WFYI*	41397	DTV ALLOTMENT	INDIANAPOLIS	NTSC
WGTE-TV	66285	BMLET19971204LC	TOLEDO	NTSC
WHMB-TV*	37102	DTV ALLOTMENT	INDIANAPOLIS	NTSC
WKAR-TV	6104	BMLET20040128AKK	EAST LANSING	NTSC
WKOG-LP	34894	BLTTA20050708AAW	INDIANAPOLIS	A NTSC
WKRC-TV*	11289	DTV ALLOTMENT	CINCINNATI	NTSC
WKZT-TV	34181	BLET19830404KF	ELIZABETHTOWN	NTSC
WMUN-LP	22860	BLTTL20011009AAF	MUNCIE	LP NTSC
WMWB-LP	24617	BLTTL20021010AAP	SOUTH BEND	LP NTSC
WNDU-TV	41674	BXLCT20060717ABB	SOUTH BEND	NTSC AUX
WNDU-TV	41674	BLCT20060627ACE	SOUTH BEND	NTSC
WSBT-TV	73983	BPCT20050613AFT	SOUTH BEND	NTSC

WNWO-TV	73354	BLCT19830503KE	TOLEDO	NTSC
WOSU-TV*	66185	DTV ALLOTMENT	COLUMBUS	NTSC
WOTH-LP	19432	BLTTL20050628AAX	CINCINNATI	LP NTSC
WOTH-LP	19432	BSTA20021118ACW	CINCINNATI	LP NTSC
WPXD	5800	BLCT20001005AEE	ANN ARBOR	NTSC
WRTV*	40877	DTV ALLOTMENT	INDIANAPOLIS	NTSC
WSAZ	36912	BEDSTA20050617ABG	HUNTINGTON	DTV STA
WSAZ-DT	36912	BDSTA20021112ACN	HUNTINGTON	DTV STA
WSAZ-DT	36912	BMDSTA20050429AFH	HUNTINGTON	DTV STA
WSAZ-DT	36912	BPCDT19991029AFE	HUNTINGTON	DTV
WSAZ-TV*	36912	DTV ALLOTMENT	HUNTINGTON	NTSC
WSFJ-DT	11118	BLCDT20060620ABC	NEWARK	DTV
WSFJ-TV*	11118	DTV ALLOTMENT	NEWARK	NTSC
W64BM	49188	BLTT20050805AAT	TOLEDO	LP NTSC
WSOT-LP	63934	BLTTL19901224JK	MARION	LP NTSC
W59DL	67917	BPTT20031003ACE	CHILLICOTHE	LP NTSC
W59CA	67790	BLTT20000925AAY	ANN ARBOR	LP NTSC
WSOT-LP	63934	BPTTL20050425ABG	MARION	LP NTSC
WTVG*	74150	DTV ALLOTMENT	TOLEDO	NTSC
W31AA	50131	BLTT1895	NEWARK	LP NTSC
W27CT	128168	BMPTTL20060307AJZ	COLUMBIA	LP NTSC
W26BX	67780	BLTT20011010AAU	KALAMAZOO	LP NTSC
WVPX	70491	BLCT20010627ABZ	AKRON	NTSC
WXIX-TV	39738	BLCT19851107KH	NEWPORT	NTSC
W21BF	59613	BLTTL19950221IF	FREMONT	LP NTSC
W16BT	67988	BLTT20021211AAM	ZANESVILLE	LP NTSC
NEW	167570	BDCCDTT20061025AEI	FALMOUTH	LP DTV
NEW	168663	BDCCDTL20061027AFU	SOUTH BEND	LP DTV
NEW	128168	BNPTTL20000831ASZ	COLUMBIA	LP NTSC
CBLN-TV	163447	BPFS20041021ABC	LONDON	DTV
	50131		NEWARK	NTSC ALLOT
	97866		HILLSBORO	NTSC ALLOT
WNOI-LP	25754	BPTTL20060710ADD	FLORA	LP NTSC
WFND-LP	21475	BPTTL20041130AVE	FINDLAY	LP NTSC
WFND-LP	21475	BLTTL20030721ACB	FINDLAY	LP NTSC
WFBT-CA	71425	BPTTA20030617AAJ	CHICAGO	A NTSC
WFBT-CA	71425	BLTTA20011105ACC	CHICAGO	A NTSC
WBKA-LP	1104	BLTTL19890227IQ	BUCYRUS	A NTSC
W66AQ	11203	BDISTT20060331ATM	DAYTON	LP NTSC
W22CO	47708	BMPTT20050621CRS	TOLEDO	LP NTSC
W58CQ	47695	BLTT20010806AAZ	COLUMBUS	LP NTSC
W36CG	4991	BLTTA20021104AEE	EVANSVILLE	A NTSC
WUDT-CA	70421	BLTTA20041222AAZ	DETROIT	A NTSC
W24CG	30203	BPTTL20011227AAW	JACKSON	LP NTSC
WWME-CA	71425	BSTA20041208ABO	CHICAGO	LP NTSC
W61CZ	74373	BPTTL20050824AAS	LIMA	LP NTSC