

FIGURE 2 - INTERFERENCE STUDY - OET BULLETIN NO. 69 STUDY RESULTS

Outgoing Interference Population Report

NEW-D.APP (27) State College, Etc., PA
 Broadcast Type: Digital Service: G [Simple Emission Mask]
 Lat: 40-55-10 N Lng: 077-58-28 W ERP: 15.0 kW AMSL: 786.0 m
 TV Outgoing Interference Study
 Signal Resolution: 1.0 km
 Consider NTSC Taboo: Yes
 KWX error points are considered to
 be interference free coverage.
 # of radials computed for contours: 72
 Contours calculated using 8 radial HAAT.
 LR Profile Spacing Increment: 1.0 km
 Masked interference points are being counted
 as interference free.
 Using LPTV/translator D/U rules.
 Pop Centroid DB: 1990 US Census

Study Date: 10-27-2006
 TV Database Date: 10-21-06

Primary Terrain: NED 3 Second US Terrain
 Secondary Terrain: V-Soft 30 Second World Terrain

Population Database: 1990 US Census

----- Stations Considered:

Call Letters	City	State	Dist	Bear
WHVL-L (29+)	State College, Etc.	PA	0.0	0.0
WATMTV (23-)	Altoona	PA	55.6	225.6
W26AT (26N)	Williamsport	PA	87.1	64.9
W26AT-D.C (26)	Williamsport	PA	87.1	64.9
WHTMTV (27-)	Harrisburg	PA	109.5	127.4
W26CV-D.C (26)	Mansfield	PA	128.1	42.9
NEW.A (27Z)	Corning	NY	155.1	28.5
WIIC-L.A (27+)	Pittsburgh	PA	176.2	253.3
NEW-D.A (27)	Pittsburgh	PA	176.2	253.3
WBRETV (28Z)	Wilkes-barre	PA	179.6	79.9
NEW-D.A (27)	Romney	WV	189.0	199.8
WNYB-D (27)	Jamestown	NY	194.2	327.9
WNYB (26+)	Jamestown	NY	194.2	327.9
NEW-D.A (27)	Ithaca	NY	219.1	32.1
WKBNTV (27Z)	Youngstown	OH	225.2	274.8
WKBNTV.C (27Z)	Youngstown	OH	225.3	274.8
WETA-D.C (27)	Washington	DC	231.6	160.4
WETA-D (27)	Washington	DC	236.4	162.0
WGTW-D (27)	Burlington	NJ	251.8	111.9

WEVD-L (27+)	Dover	DE	286.3	131.5
W27AL (27N)	Monticello	NY	287.5	72.3
WFXV-D.C (27)	Utica	NY	315.0	40.9
WFXV-D (27)	UTICA	NY	315.1	40.9
WAHU-C (27Z)	Charlottesville	VA	328.9	187.8
WTBY-D (27)	Poughkeepsie	NY	343.5	78.1
CIIITV.A (27Z)	Peterborough	ON	350.3	357.8

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
WHVL-L (29+)	0.0	0	118,084	0	0	0.0
WATMTV (23-)	30.5	843	634,823	653	2,015	0.3
W26AT (26N)	0.0	0	49,112	0	0	0.0
W26AT-D.C (26)	0.0	0	50,280	0	0	0.0
WHTMTV (27-)	171.5	836	1,875,401	3,478	2,260	0.1
W26CV-D.C (26)	0.0	0	17,149	0	0	0.0
NEW.A (27Z)	0.0	0	110,505	0	0	0.0
WIIC-L.A (27+)	0.0	0	1,459,133	0	0	0.0
NEW-D.A (27)	0.0	0	1,623,409	0	0	0.0
WBRETV (28Z)	0.0	0	2,286,002	1,650	0	0.0
NEW-D.A (27)	4.7	2	39,888	73	5	0.0
WNYB-D (27)	2.7	85	1,529,581	77	233	0.0
WNYB (26+)	0.0	0	1,604,236	0	0	0.0
NEW-D.A (27)	0.0	0	196,262	0	0	0.0
WKBNTV (27Z)	7.4	7	2,610,569	305	16	0.0
WKBNTV.C (27Z)	3.7	0	2,593,419	757	0	0.0
WETA-D.C (27)	0.0	0	6,004,061	453	0	0.0
WETA-D (27)	0.0	0	5,387,771	0	0	0.0
WGTW-D (27)	0.0	0	7,203,428	2,456	0	0.0
WEVD-L (27+)	0.0	0	64,251	0	0	0.0
W27AL (27N)	0.0	0	13,918	0	0	0.0
WFXV-D.C (27)	0.0	0	1,195,737	0	0	0.0
WFXV-D (27)	0.0	0	883,793	0	0	0.0
WAHU-C (27Z)	0.0	0	106,888	0	0	0.0
WTBY-D (27)	0.0	0	15,801,269	0	0	0.0
CIIITV.A (27Z)	0.0	0	0	0	0	0.0