

V-Soft Communications Population Report

WBNGTV (12-) Binghamton, NY
TV Incoming Interference Study
Signal Resolution: 1 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
Interference considered within the
reference station's noise limited contour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 56.0

Study Date: 1/17/01

Percentages calculated using a baseline population of 829,021.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WHYYTV (12Z)	2614	6273	0.757	310.85
WOKR.C (13-)	74	197	0.024	11.68
CHEXTV (12+)	10873	28980	3.496	679.04
WICUTV (12Z)	767	1785	0.215	111.34
WPRITV (12+)	15	8	0.001	0.91
WBXZ-L (12-)	1505	3765	0.454	222.11

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WHYYTV (12Z)	6273	0.757	6250	0.754
WOKR.C (13-)	197	0.024	0	0.000
CHEXTV (12+)	28980	3.496	26243	3.166
WICUTV (12Z)	1785	0.215	396	0.048
WPRITV (12+)	8	0.001	0	0.000
WBXZ-L (12-)	3765	0.454	594	0.072

Stations considered which do not cause interference:

Totals for WBNGTV (12-)

Calculation Area Population:	1,223,663	(28373.1 sq. km)
Not Affected by Terrain Loss:	829,021	(23507.7 sq. km)
Total NTSC Interference:	36,755	(1076.1 sq. km)
DTV Only Interference:	0	(-0.0 sq. km)
Total DTV Interference:	0	(0.0 sq. km)
Interfered Population:	36,755	(1076.1 sq. km)
Interference Free:	792,266	(22431.6 sq. km)

Percent Interference: 4.43

Terrain Blocked Population:	394,642	(4865.4 sq. km)
Contour Area Population:	1,224,069		