

V-Soft Communications Population Report

W53AF.A (34-) Booneville, MS - BPTTA20030909ACW
TV Incoming Interference Study
Signal Resolution: 2 km
Consider NTSC Taboo: Yes
KWX error points are considered to
be interference free coverage.
of radials computed for contours: 36
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 1.0 km
Interference considered within the
reference station's 74 dBu FCC countour.
Using NTSC lptv/translators D/U rules.
Threshold for reception: 74.0

Study Date: 2/2/2004
TV Database Date: 01-27-04

Population Database: 2000 US Census (SF1)

Percentages calculated using a baseline population of 28,833.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
W34BJ (34+)	3	7	0.024	4.02

Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
W34BJ (34+)	7	0.024	7	0.024

Call Letters	City	State	Dist	Bear
W34BJ (34+)	Bruce	MS	101.4	225.7

Totals for W53AF.A (34-)

)	Calculation Area Population:	28,835	(1197.3 sq. km
)	Not Affected by Terrain Loss:	28,833	(1189.2 sq. km
)	Total NTSC Interference:	7	(4.0 sq. km
)	DTV Only Interference:	0	(0.0 sq. km
)	Total DTV Interference:	0	(0.0 sq. km
)	Interfered Population:	7	(4.0 sq. km

)
Interference Free: 28,826 (1185.2 sq. km
)
Percent Interference: 0.02
Terrain Blocked Population: 2 (8.0 sq. km)
Contour Area Population: 28,841