

# V-Soft Communications Population Report

WEAR-TV-D (17) Pensacola, FL - BLCDT20050627AAK  
Broadcast Type: Digital Service: T  
Lat: 30-36-45 N Lng: 087-38-43 W ERP: 1000.0 kW AMSL: 612.0 m  
TV Incoming Interference Study  
Interference Considered Within: Noise Limited FCC Contour  
Signal Resolution: 1.25 km  
LR Profile Spacing Increment: 0.1 km  
Consider NTSC Taboo: Yes  
KWX error points are considered to  
be interference free coverage.  
# of radials computed for protected contour: 72  
Protected contour calculated using 8 radial HAAT.  
Threshold for reception: 39.0441  
Pop Centroid DB: 1990 US Census

Study Date: 3/24/2009  
TV Database Date: 2/28/2009

Primary Terrain: V-Soft 3 Second US Terrain

Population Database: 2006 US Census Estimate

Percentages calculated using a baseline population of 1,476,198.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WDBB (17Z)	274	609	0.041	161.10
WDBB-D.S (17)	25	65	0.004	1.62
WEWA-LP.C (17-)	410	816	0.055	44.03
WGOX-LP-D.A (18)	7389	19167	1.298	380.06
WGOX-LP-D.A (18N)	7389	19167	1.298	380.06
WGOX-LP.C (18+)	796	1974	0.134	13.11
WALB-D (17)	27	57	0.004	45.71
WMAH-TV-D (16)	320	837	0.057	173.35
WMAH-TV-D.A (16)	181	495	0.034	107.91
WMAH-TV-D.A (16)	2665	5858	0.397	643.00
WMAH-TV-D.A (16)	41	100	0.007	42.63
WMAH-TV-D.A (16)	216	576	0.039	127.53
WEARTV-D (17)	640815	1382732	93.668	42832.92
WALBTV-D (17)	12	21	0.001	34.29
WMAHTV-D (16)	31	103	0.007	26.13

## Masking Summary:

Call Letters	Total Interference Population	%	Unique Interference Population	%
WDBB (17Z)	609	0.041	0	0.000
WDBB-D.S (17)	65	0.004	0	0.000
WEWA-LP.C (17-)	816	0.055	0	0.000
WGOX-LP-D.A (18)	19167	1.298	0	0.000
WGOX-LP-D.A (18N)	19167	1.298	0	0.000

WGOX-LP.C (18+)	1974	0.134	0	0.000
WALB-D (17)	57	0.004	0	0.000
WMAH-TV-D (16)	837	0.057	0	0.000
WMAH-TV-D.A (16)	495	0.034	0	0.000
WMAH-TV-D.A (16)	5858	0.397	38	0.003
WMAH-TV-D.A (16)	100	0.007	0	0.000
WMAH-TV-D.A (16)	576	0.039	0	0.000
WEARTV-D (17)	1382732	93.668	1356412	91.886
WALBTV-D (17)	21	0.001	0	0.000
WMAHTV-D (16)	103	0.007	0	0.000

Stations considered which do not cause interference:

WEWA-LP (17-)  
 WALB-D.S (17)  
 1159757.A (17+)

Call Letters	City	State	Dist	Bear
WDBB (17Z)	Bessemer	AL	318.9	4.1
WDBB-D.S (17)	Bessemer	AL	318.9	4.1
WEWA-LP (17-)	Panama City	FL	185.8	104.4
WEWA-LP.C (17-)	Wewahitchka	FL	219.7	103.2
WGOX-LP-D.A (18)	Crestview	FL	101.9	82.5
WGOX-LP-D.A (18N)	Santa Rosa Beach	FL	101.9	82.5
WGOX-LP.C (18+)	Crestview	FL	101.9	82.5
WALB-D.S (17)	Albany	GA	347.8	70.5
WALB-D (17)	Albany	GA	370.0	76.6
WMAH-TV-D (16)	Biloxi	MS	125.6	277.6
WMAH-TV-D.A (16)	Biloxi	MS	125.6	277.6
WMAH-TV-D.A (16)	Biloxi	MS	125.6	277.6
WMAH-TV-D.A (16)	Biloxi	MS	125.6	277.6
WMAH-TV-D.A (16)	Biloxi	MS	125.6	277.6
1159757.A (17+)	Meridian	MS	216.8	332.4
WEARTV-D (17)	PENSACOLA	FL	2.5	49.6
WALBTV-D (17)	ALBANY	GA	370.0	76.6
WMAHTV-D (16)	BILOXI	MS	125.6	277.5

Totals for WEAR-TV-D (17)

Calculation Area Population:	1,476,915	(	47791.0 sq. km )
Not Affected by Terrain Loss:	1,476,198	(	47590.9 sq. km )
Total NTSC Interference:	3,359	(	188.9 sq. km )
DTV Only Interference:	1,379,430	(	42660.4 sq. km )
Total DTV Interference:	1,382,789	(	42846.0 sq. km )
Interfered Population:	1,382,789	(	42849.3 sq. km )
Interference Free:	93,409	(	4741.6 sq. km )
Percent Interference:	93.67		

Terrain Blocked Population: 717 ( 200.1 sq. km)  
 Contour Area Population: 1,477,087

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 Interference Free Breakdown:

White:	74,219	( 79.5% )
Black:	14,389	( 15.4% )
Hispanic:	1,703	( 1.8% )
Native American:	934	( 1.0% )
Asian:	1,010	( 1.1% )
Pacific Islander:	21	( 0.0% )
Mixed Race:	1,133	( 1.2% )
Total:	93,409	

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	Housing Units	Population	% of County
Alabama			
Baldwin County			
County Pop	96,390	169,162	
WEAR-TV-D (17)	96,390	169,162	
WEARTV-D (17)	88,877	158,291	93.57
Ix Free	7,513	10,871	6.43
Clarke County			
County Pop	12,952	27,248	
WEAR-TV-D (17)	7,404	16,052	
WDBB (17Z)	53	118	0.74
WDBB-D.S (17)	25	65	0.40
WEARTV-D (17)	5,586	12,153	75.71
Ix Free	1,818	3,899	24.29
Conecuh County			
County Pop	7,415	13,403	
WEAR-TV-D (17)	6,567	12,031	
WDBB (17Z)	20	45	0.37
WEWA-LP.C (17-)	25	47	0.39
WALB-D (17)	20	45	0.37
WEARTV-D (17)	4,976	9,236	76.77
WALBTV-D (17)	6	10	0.08
Ix Free	1,591	2,795	23.23
Covington County			
County Pop	18,948	37,234	
WEAR-TV-D (17)	676	1,284	
WDBB (17Z)	7	8	0.62
WEWA-LP.C (17-)	2	1	0.08
WALB-D (17)	6	10	0.78
WEARTV-D (17)	555	1,045	81.39
WALBTV-D (17)	6	10	0.78
Ix Free	121	239	18.61

Escambia County			
County Pop	16,913	37,849	
WEAR-TV-D (17)	16,913	37,849	
WALB-D (17)	0	0	0.00
WEARTV-D (17)	14,820	33,724	89.10
WALBTB-D (17)	0	0	0.00
Ix Free	2,093	4,125	10.90
Mobile County			
County Pop	176,664	404,157	
WEAR-TV-D (17)	176,664	404,157	
WEARTV-D (17)	163,053	372,332	92.13
Ix Free	13,611	31,825	7.87
Monroe County			
County Pop	11,666	23,342	
WEAR-TV-D (17)	10,180	20,656	
WDBB (17Z)	103	219	1.06
WEARTV-D (17)	7,683	15,340	74.26
Ix Free	2,497	5,316	25.74
Washington County			
County Pop	8,350	17,651	
WEAR-TV-D (17)	6,773	14,514	
WDBB (17Z)	8	24	0.17
WEARTV-D (17)	6,248	13,398	92.31
Ix Free	525	1,116	7.69

	Housing Units	Population	% of County
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Mississippi			
George County			
County Pop	7,998	21,828	
WEAR-TV-D (17)	7,976	21,748	
WMAH-TV-D (16)	126	311	1.43
WMAH-TV-D.A (16)	81	199	0.92
WMAH-TV-D.A (16)	663	1,374	6.32
WMAH-TV-D.A (16)	85	209	0.96
WEARTV-D (17)	6,501	17,544	80.67
Ix Free	1,455	4,147	19.07
Greene County			
County Pop	5,125	13,103	
WEAR-TV-D (17)	3,482	9,452	
WDBB (17Z)	61	144	1.52
WMAH-TV-D (16)	111	295	3.12
WMAH-TV-D.A (16)	68	214	2.26
WMAH-TV-D.A (16)	426	954	10.09
WMAH-TV-D.A (16)	99	285	3.02
WEARTV-D (17)	2,852	8,096	85.65
WMAHTV-D (16)	31	103	1.09
Ix Free	630	1,356	14.35
Harrison County			
County Pop	78,693	171,875	
WEAR-TV-D (17)	7,934	16,060	
WMAH-TV-D (16)	28	85	0.53
WMAH-TV-D.A (16)	4	13	0.08

WMAH-TV-D.A (16)	1,207	2,626	16.35
WMAH-TV-D.A (16)	4	13	0.08
WMAH-TV-D.A (16)	4	13	0.08
WEARTV-D (17)	7,932	16,056	99.98
Ix Free	2	4	0.02
Jackson County			
County Pop	54,900	130,577	
WEAR-TV-D (17)	54,900	130,577	
WMAH-TV-D (16)	48	130	0.10
WMAH-TV-D.A (16)	28	69	0.05
WMAH-TV-D.A (16)	341	843	0.65
WMAH-TV-D.A (16)	37	87	0.07
WMAH-TV-D.A (16)	28	69	0.05
WEARTV-D (17)	54,284	128,981	98.78
Ix Free	616	1,596	1.22
Perry County			
County Pop	5,315	12,132	
WEAR-TV-D (17)	13	46	
WMAH-TV-D (16)	0	0	0.00
WMAH-TV-D.A (16)	0	0	0.00
WEARTV-D (17)	8	32	69.57
Ix Free	5	14	30.43
Stone County			
County Pop	5,895	15,608	
WEAR-TV-D (17)	69	157	
WMAH-TV-D (16)	7	16	10.19
WMAH-TV-D.A (16)	28	61	38.85
WMAH-TV-D.A (16)	0	0	0.00
WEARTV-D (17)	63	141	89.81
Ix Free	6	16	10.19
Wayne County			
County Pop	9,346	21,087	
WEAR-TV-D (17)	123	296	
WDBB (17Z)	22	50	16.89
WEARTV-D (17)	69	162	54.73
Ix Free	54	134	45.27

	Housing Units	Population	% of County
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Florida			
Escambia County			
County Pop	136,861	295,426	
WEAR-TV-D (17)	136,861	295,426	
WEARTV-D (17)	132,414	286,438	96.96
Ix Free	4,447	8,988	3.04
Okaloosa County			
County Pop	91,239	180,291	
WEAR-TV-D (17)	91,133	180,075	
WDBB (17Z)	0	1	0.00
WEWA-LP.C (17-)	383	768	0.43
WGOX-LP-D.A (18)	7,296	18,992	10.55
WGOX-LP-D.A (18N)	7,296	18,992	10.55
WGOX-LP.C (18+)	796	1,974	1.10

WALB-D (17)	1	2	0.00
WEARTV-D (17)	87,467	172,482	95.78
WALBTV-D (17)	0	1	0.00
Ix Free	3,666	7,593	4.22
Santa Rosa County			
County Pop	58,038	144,561	
WEAR-TV-D (17)	58,038	144,561	
WEARTV-D (17)	54,277	135,200	93.52
Ix Free	3,761	9,361	6.48
Walton County			
County Pop	40,042	52,270	
WEAR-TV-D (17)	3,158	2,095	
WGOX-LP-D.A (18)	93	175	8.35
WGOX-LP-D.A (18N)	93	175	8.35
WEARTV-D (17)	3,150	2,081	99.33
Ix Free	8	14	0.67