

## Incoming Interference Population Report

WSST-D (51) Cordele, GA

Broadcast Type: Digital Service: T

Lat: 31-53-35 N Lng: 083-48-18 W ERP: 91.0 kW AMSL: 205.0 m

TV Incoming Interference Study

Interference Considered Within: Noise Limited FCC Contour

Signal Resolution: 0.5 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: 42.0622

Pop Centroid DB: 2000 US Census (SF1)

Study Date: 5/14/2008

TV Database Date: 5/13/2008

Primary Terrain: V-Soft 3 Second US Terrain

Secondary Terrain: V-Soft 30 Second US Database

Population Database: 2000 US Census (SF1)

Percentages calculated using a baseline population of 320,256.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WOGX (51-)	61	141	0.044	10.91
WBIF (51Z)	164	411	0.128	41.38
WBIF-D.C (51)	0	0	0.000	0.26
WTLH-D (50)	96	250	0.078	18.23
WPXA-D (51)	312	797	0.249	55.68
WFXG-D.C (51)	41	123	0.038	1.29
WFXG-D (51)	41	123	0.038	1.29

Masking Summary:

Call Letters	Total Interference		Unique Interference	
	Population	%	Population	%
WOGX (51-)	141	0.044	18	0.006
WBIF (51Z)	411	0.128	32	0.010
WBIF-D.C (51)	0	0.000	0	0.000
WTLH-D (50)	250	0.078	212	0.066
WPXA-D (51)	797	0.249	503	0.157
WFXG-D.C (51)	123	0.038	0	0.000
WFXG-D (51)	123	0.038	0	0.000

Stations considered which do not cause interference:

WNCF-D (51)  
 WBIF-D.C (51)  
 WBIF-D (51)

Call Letters	City	State	Dist	Bear
WNCF-D (51)	Montgomery	AL	237.7	283.4
WOGX (51-)	Ocala	FL	314.6	152.9
WBIF (51Z)	Marianna	FL	221.8	226.8
WBIF-D.C (51)	Marianna	FL	221.8	226.8
WTLH-D (50)	Bainbridge	GA	135.3	186.8
WPXA-D (51)	Rome	GA	279.7	343.9
WFXG-D.C (51)	Augusta	GA	250.4	47.0
WBIF-D (51)	MARIANNA	FL	221.8	226.8
WFXG-D (51)	AUGUSTA	GA	250.4	47.0

Totals for WSST-D (51)

Calculation Area Population:	321,246	( 11922.3 sq. km )
Not Affected by Terrain Loss:	320,256	( 11826.6 sq. km )
Total NTSC Interference:	467	( 44.0 sq. km )
DTV Only Interference:	715	( 49.9 sq. km )
Total DTV Interference:	1,047	( 74.2 sq. km )
Interfered Population:	1,182	( 93.8 sq. km )
Interference Free:	319,074	( 11732.7 sq. km )

Percent Interference: 0.37

Terrain Blocked Population:	990	( 95.8 sq. km)
Contour Area Population:	320,712	

	Housing Units	Population	% of County
Georgia			
Baker County			
County Pop	1,740	4,074	
WSST-D (51)	10	29	
Ix Free	10	29	100.00
Ben Hill County			
County Pop	7,623	17,484	
WSST-D (51)	6,891	15,812	
Ix Free	6,891	15,812	100.00
Bleckley County			
County Pop	4,866	11,666	
WSST-D (51)	5	10	
WBIF (51Z)	5	10	100.00

WPXA-D (51)	5	10	100.00
Ix Free	0	0	0.00
Crisp County			
County Pop	9,559	21,996	
WSST-D (51)	9,559	21,996	
Ix Free	9,559	21,996	100.00
Dodge County			
County Pop	8,186	19,171	
WSST-D (51)	800	1,496	
Ix Free	800	1,496	100.00
Dooly County			
County Pop	4,499	11,525	
WSST-D (51)	4,499	11,525	
Ix Free	4,499	11,525	100.00
Dougherty County			
County Pop	39,656	96,065	
WSST-D (51)	39,501	95,730	
Ix Free	39,501	95,730	100.00
Houston County			
County Pop	44,509	110,765	
WSST-D (51)	1,968	5,250	
WBIF (51Z)	111	284	5.41
WPXA-D (51)	285	735	14.00
WFXG-D.C (51)	41	123	2.34
WFXG-D (51)	41	123	2.34
Ix Free	1,683	4,515	86.00
Irwin County			
County Pop	4,149	9,931	
WSST-D (51)	1,697	3,964	
WOGX (51-)	0	0	0.00
WBIF (51Z)	0	0	0.00
Ix Free	1,697	3,964	100.00
Lee County			
County Pop	8,813	24,757	
WSST-D (51)	8,813	24,757	
Ix Free	8,813	24,757	100.00
Macon County			
County Pop	5,495	14,074	
WSST-D (51)	4,202	11,101	
WBIF (51Z)	7	24	0.22
WPXA-D (51)	0	0	0.00
Ix Free	4,195	11,077	99.78
Mitchell County			
County Pop	8,880	23,932	
WSST-D (51)	658	1,625	
WBIF (51Z)	0	0	0.00
WTLH-D (50)	19	56	3.45
Ix Free	639	1,569	96.55
Peach County			
County Pop	9,093	23,668	

WSST-D (51)	1	2	
WPXA-D (51)	1	2	100.00
Ix Free	0	0	0.00
Pulaski County			
County Pop	3,944	9,588	
WSST-D (51)	3,927	9,548	
WPXA-D (51)	0	0	0.00
Ix Free	3,927	9,548	100.00
Schley County			
County Pop	1,612	3,766	
WSST-D (51)	1,245	2,950	
WPXA-D (51)	10	18	0.61
Ix Free	1,235	2,932	99.39
Sumter County			
County Pop	13,700	33,200	
WSST-D (51)	13,692	33,182	
WBIF (51Z)	4	8	0.02
WPXA-D (51)	11	32	0.10
Ix Free	13,677	33,142	99.88
Telfair County			
County Pop	5,083	11,794	
WSST-D (51)	5	6	
WBIF (51Z)	0	0	0.00
Ix Free	5	6	100.00
Terrell County			
County Pop	4,460	10,970	
WSST-D (51)	3,636	9,075	
Ix Free	3,636	9,075	100.00
Tift County			
County Pop	15,411	38,407	
WSST-D (51)	13,063	32,499	
WOGX (51-)	61	141	0.43
WBIF (51Z)	37	85	0.26
WTLH-D (50)	18	38	0.12
Ix Free	13,002	32,358	99.57
Turner County			
County Pop	3,916	9,504	
WSST-D (51)	3,916	9,504	
Ix Free	3,916	9,504	100.00
Webster County			
County Pop	1,115	2,390	
WSST-D (51)	3	3	
WPXA-D (51)	0	0	0.00
Ix Free	3	3	100.00
Wilcox County			
County Pop	3,320	8,577	
WSST-D (51)	3,288	8,510	
Ix Free	3,288	8,510	100.00
Worth County			
County Pop	9,086	21,967	

WSST-D (51)	8,960	21,682	
WTLH-D (50)	59	156	0.72
<b>Ix Free</b>	<b>8,901</b>	<b>21,526</b>	<b>99.28</b>