

LONG FORM APPLICATION
COMPANION DIGITAL CHANNEL
THOMAS B. DANIELS
WAZS-LP DT LPTV STATION
CH 29 - 560-566 MHZ - 10.0 KW
NORTH CHARLESTON, SOUTH CAROLINA
October 2006

EXHIBIT A1

Outgoing Interference Population Report

WAZS-LP Digital companion (Channel 29) North Charleston, SC
Broadcast Type: Digital Service: G [Simple Emission Mask]
Lat: 32-55-42 N Lng: 080-06-13 W ERP: 10.0 kW AMSL: 88.6 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: 0.1 km
Masked interference points are being counted
as interference free.
Using LPTV/translator D/U rules.
Pop Centroid DB: 1990 US Census

Study Date: 10-10-2006
TV Database Date: 10-10-2006

Primary Terrain: V-Soft 3 Second US Terrain
Secondary Terrain: V-Soft 30 Second US Database

Population Database: 1990 US Census

Stations Considered:

Call Letters	City	State	Dist	Bear
WMUMTV (29+)	Cochran	GA	299.8	261.1
WAGT-D (30)	Augusta	GA	169.8	288.6
W43CK-D.A (30)	Savannah	GA	137.0	224.6
W29BC (29-)	Biscoe	NC	261.6	5.4
WXLV-D.C (29)	Winston-Salem	NC	327.0	4.4
WUNJ-D (29)	Wilmington	NC	232.6	47.9
WAZS-L (22-)	North Charleston	SC	0.0	0.0
W26CF.C (26+)	Summerville	SC	13.3	334.9
WRJATV (27-)	Sumter	SC	106.8	351.7
WTGS (28-)	Hardeeville	SC	151.9	230.3
WTGS.C (28-)	Hardeeville	SC	152.0	230.3
WRJA-D (28)	Sumter	SC	106.8	351.7
WNTV (29Z)	Greenville	SC	308.7	316.9
NEW-D.A (30)	Hilton Head Island	SC	105.8	216.0
WMMP (36+)	Charleston	SC	28.4	123.3
WMMP.C (36+)	Charleston	SC	38.2	87.9

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EXHIBIT A1 Continued

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
WMUMTV (29+)	0.0	0	552,959		0		0	0.0
WAGT-D (30)	0.0	0	1,112,901		0		0	0.0
W43CK-D.A (30)	0.0	0	287,509		0		0	0.0
W29BC (29-)	0.0	0	9,649		0		0	0.0
WXLV-D.C (29)	0.0	0	2,949,267		0		0	0.0
WUNJ-D (29)	0.0	0	662,332		0		0	0.0
WAZS-L (22-)	0.0	0	370,924		0		0	0.0
W26CF.C (26+)	0.0	0	289,100		0		0	0.0
WRJATV (27-)	0.0	0	678,263		0		0	0.0
WTGS (28-)	0.0	0	570,538		0		0	0.0
WTGS.C (28-)	0.0	0	588,884		0		0	0.0
WRJA-D (28)	0.0	0	929,705		0		0	0.0
WNTV (29Z)	0.0	0	1,370,007		0		0	0.0
NEW-D.A (30)	0.0	0	74,627		0		0	0.0
WMMP (36+)	0.0	0	503,918		0		0	0.0
WMMP.C (36+)	0.0	0	557,512		0		0	0.0

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October 2006

EXHIBIT A2

Outgoing Interference Population Report

WAZS-LP Digital companion (Channel 29) North Charleston, SC
Broadcast Type: Digital Service: G [Simple Emission Mask]
Lat: 32-55-42 N Lng: 080-06-13 W ERP: 10.0 kW AMSL: 88.6 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: 0.1 km
Masked interference points are being counted
as interference free.
Using LPTV/translator D/U rules.
Pop Centroid DB: 2000 US Census (SF1)

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

Primary Terrain: V-Soft 3 Second US Terrain
Secondary Terrain: V-Soft 30 Second US Database

Population Database: 2000 US Census (SF1)

Stations Considered:

Call Letters	City	State	Dist	Bear
WMUMTV (29+)	Cochran	GA	299.8	261.1
WAGT-D (30)	Augusta	GA	169.8	288.6
W43CK-D.A (30)	Savannah	GA	137.0	224.6
W29BC (29-)	Biscoe	NC	261.6	5.4
WXLV-D.C (29)	Winston-Salem	NC	327.0	4.4
WUNJ-D (29)	Wilmington	NC	232.6	47.9
WAZS-L (22-)	North Charleston	SC	0.0	0.0
W26CF.C (26+)	Summerville	SC	13.3	334.9
WRJATV (27-)	Sumter	SC	106.8	351.7
WTGS (28-)	Hardeeville	SC	151.9	230.3
WTGS.C (28-)	Hardeeville	SC	152.0	230.3
WRJA-D (28)	Sumter	SC	106.8	351.7
WNTV (29Z)	Greenville	SC	308.7	316.9
W47BX.A (29+)	Charleston	SC	16.3	156.6
NEW-D.A (30)	Hilton Head Island	SC	105.8	216.0
WMMP (36+)	Charleston	SC	28.4	123.3
WMMP.C (36+)	Charleston	SC	38.2	87.9

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EXHIBIT A2 Continued

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
WMUMTV (29+)	0.0	0	614,863		0		0	0.0
WAGT-D (30)	0.0	0	1,271,682		0		0	0.0
W43CK-D.A (30)	0.0	0	344,016		0		0	0.0
W29BC (29-)	0.0	0	10,688		0		0	0.0
WXLV-D.C (29)	0.0	0	3,669,830		0		0	0.0
WUNJ-D (29)	0.0	0	803,916		0		0	0.0
WAZS-L (22-)	0.0	0	383,009		0		0	0.0
W26CF.C (26+)	0.0	0	300,513		0		0	0.0
WRJATV (27-)	0.0	0	742,514		0		0	0.0
WTGS (28-)	0.0	0	691,194		0		0	0.0
WTGS.C (28-)	0.0	0	713,306		0		0	0.0
WRJA-D (28)	0.0	0	1,021,612		0		0	0.0
WNTV (29Z)	0.0	0	1,591,050		0		0	0.0
NEW-D.A (30)	0.0	0	105,281		0		0	0.0
WMMP (36+)	0.0	0	547,808		0		0	0.0
WMMP.C (36+)	0.0	0	609,813		0		0	0.0