

W35BB.C

BPTTL20050118AEP

Latitude: 32-31-00 N

Longitude: 082-58-18 W

ERP: 23.90 kW

Channel: 35-

Frequency: 599.0 MHz

AMSL Height: 199.0 m

Elevation: 94.22 m

Horiz. Pattern: Omni

Vert. Pattern: Yes

Elec Tilt: 0.0

Prop Model: Longley/Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 301.0

Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

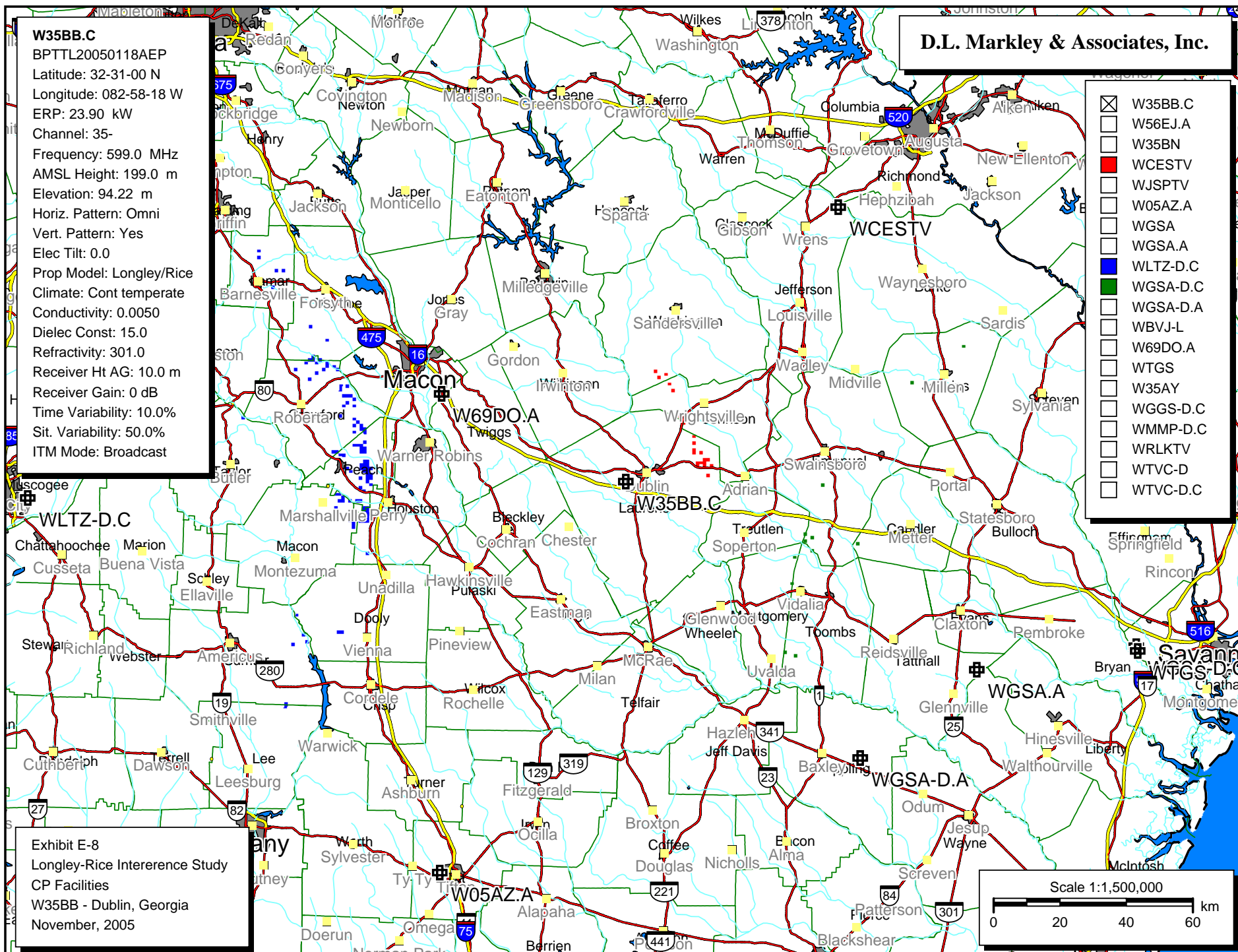
Time Variability: 10.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

D.L. Markley & Associates, Inc.

- ☒ W35BB.C
- ☐ W56EJ.A
- ☐ W35BN
- ☐ WCESTV
- ☐ WJSPTV
- ☐ W05AZ.A
- ☐ WWSA
- ☐ WWSA.A
- ☐ WLTZ-D.C
- ☐ WWSA-D.C
- ☐ WWSA-D.A
- ☐ WBVJ-L
- ☐ W69DO.A
- ☐ WTGS
- ☐ W35AY
- ☐ WWSA-D.C
- ☐ WMMP-D.C
- ☐ WRLKTV
- ☐ WTV-D
- ☐ WTV-D.C



D.L. Markley & Associates, Inc.
Outgoing Interference Population Report
Based on Longley-Rice for Authorized W35BB Facilities

W35BB.C (35-) Dublin, GA - BPTTL20050118AEP
Lat: 32-31-00 N Lng: 082-58-18 W ERP: 23.9 kW AMSL: 199.0 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 NTSC lptv/translators D/U rules.
Pop Centroid DB: 2000 US Census (SF1)

Study Date: 9-30-2005
TV Database Date:

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
W56EJ.A (35Z)	Williston	FL	324.1	170.5
W35BN (35+)	Tallahassee	FL	256.9	209.4
WCESTV (20-)	Wrens	GA	104.4	37.7
WJSPTV (28Z)	Columbus	GA	166.4	283.4
W05AZ.A (28+)	Tifton	GA	130.2	205.5
WGSA (34+)	Baxley	GA	109.0	139.7
WGSA.A (34+)	Baxley	GA	119.8	118.2
WLTZ-D.C (35)	Columbus	GA	180.0	268.4
WGSA-D.C (35)	Baxley	GA	161.4	107.9
WGSA-D.A (35)	Baxley	GA	109.0	139.7
WBVJ-L (35+)	Valdosta	GA	188.4	189.8
W69DO.A (42Z)	Macon	GA	61.4	295.5
WTGS (28-)	Hardeeville	SC	162.2	108.3
W35AY (35-)	Hilton Head Island	SC	198.9	97.7
WGGs-D.C (35)	Greenville	SC	273.8	10.8
WMMP-D.C (35)	Charleston	SC	310.6	80.4
WRLKTV (35+)	Columbia	SC	259.7	46.3
WTVC-D (35)	Chattanooga	TN	364.9	324.1
WTVC-D.C (35)	Chattanooga	TN	364.9	324.1

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
W56EJ.A (35Z)	0.0	0	227,363		0		0	0.0
W35BN (35+)	0.0	0	152,701		0		0	0.0
WCESTV (20-)	22.6	79	709,467		163		189	0.0
WJSPTV (28Z)	0.0	0	1,045,089		0		0	0.0
W05AZ.A (28+)	0.0	0	40,898		0		0	0.0
WGSA (34+)	0.0	0	107,689		0		0	0.0
WGSA.A (34+)	0.0	0	600,099		0		0	0.0
WLTZ-D.C (35)	116.2	1,206	867,492		469		3,253	0.4
WGSA-D.C (35)	14.4	82	827,214		0		204	0.0
WGSA-D.A (35)	0.0	0	10,988		0		0	0.0
WBVJ-L (35+)	0.0	0	54,452		0		0	0.0
W69DO.A (42Z)	0.0	0	281,429		0		0	0.0
WTGS (28-)	0.0	0	691,130		0		0	0.0
W35AY (35-)	0.0	0	52,338		0		0	0.0
WGGs-D.C (35)	0.0	0	1,681,621		0		0	0.0
WMMP-D.C (35)	0.0	0	651,402		0		0	0.0
WRLKTV (35+)	0.0	0	831,130		0		0	0.0
WTVC-D (35)	0.0	0	992,222		0		0	0.0
WTVC-D.C (35)	0.0	0	1,130,295		0		0	0.0

	Housing Units	Population
Georgia		
Coweta County		
Total	33,182	89,215
WLTZ-D.C (35)	33	98
Crawford County		
Total	4,872	12,495
WLTZ-D.C (35)	163	416
Emanuel County		
Total	9,419	21,837
WGSA-D.C (35)	4	7
Houston County		
Total	44,509	110,765
WLTZ-D.C (35)	53	122
Johnson County		
Total	3,634	8,560
WCESTV (20-)	5	9
Lamar County		
Total	6,145	15,912
WLTZ-D.C (35)	35	80
Laurens County		
Total	19,687	44,874
WCESTV (20-)	73	177
Lee County		
Total	8,813	24,757
WLTZ-D.C (35)	3	8
Macon County		
Total	5,495	14,074
WLTZ-D.C (35)	39	90

Meriwether County		
Total	9,211	22,534
WLTZ-D.C (35)	14	34
Monroe County		
Total	8,425	21,757
WLTZ-D.C (35)	5	17
Montgomery County		
Total	3,492	8,270
WGSB-D.C (35)	64	175
Peach County		
Total	9,093	23,668
WLTZ-D.C (35)	784	2,211
Pike County		
Total	5,068	13,688
WLTZ-D.C (35)	4	8
Spalding County		
Total	23,001	58,417
WLTZ-D.C (35)	73	169
Sumter County		
Total	13,700	33,200
WLTZ-D.C (35)	0	0
Toombs County		
Total	11,371	26,067
WGSB-D.C (35)	14	22
Washington County		
Total	8,327	21,176
WCESTV (20-)	1	3

D.L. Markley & Associates, Inc.

W35BB.A

BPTTL20050311ABU
 Latitude: 32-31-25.50 N
 Longitude: 082-55-20.60 W
 ERP: 134.00 kW
 Channel: 35-
 Frequency: 599.0 MHz
 AMSL Height: 128.0 m
 Elevation: 91.0 m
 Horiz. Pattern: Directional
 Vert. Pattern: Yes
 Elec Tilt: 0.0
 Prop Model: Longley/Rice
 Climate: Cont temperate
 Conductivity: 0.0050
 Dielec Const: 15.0
 Refractivity: 301.0
 Receiver Ht AG: 10.0 m
 Receiver Gain: 0 dB
 Time Variability: 10.0%
 Sit. Variability: 50.0%
 ITM Mode: Broadcast

- W35BB.A
- W05AZ.A
- W35AY
- W35BN
- W56EJ.A
- W69DO.A
- WBVJ-L
- WCESTV
- WGGG-D.C
- WGSA
- WGSA.A
- WGSA-D.A
- WGSA-D.C
- WJSPTV
- WLTZ-D.C
- WMMP-D.C
- WPXCTV
- WRLKTV
- WTGS
- WTVG-D
- WTVG-D.C

Exhibit E-8
 Longley-Rice Interference Study
 Proposed Facilities
 W35BB - Dublin, Georgia
 November, 2005

Scale 1:1,500,000

0 20 40 60 km

D.L. Markley & Associates, Inc.
 Outgoing Interference Population Report
 Based on Longley-Rice for Proposed W35BB Facilities

W35BB.A (35-) Dublin, GA - BPTTL20050311ABU
 Lat: 32-31-25.50 N Lng: 082-55-20.60 W ERP: 134.0 kW AMSL: 128.0 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 NTSC lptv/translators D/U rules.
 Pop Centroid DB: 2000 US Census (SF1)

Study Date: 9-30-2005
 TV Database Date:

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
W05AZ.A (28+)	Tifton	GA	133.0	207.1
W35AY (35-)	Hilton Head Island	SC	194.4	98.2
W35BN (35+)	Tallahassee	FL	259.9	210.3
W56EJ.A (35Z)	Williston	FL	324.1	171.3
W69DO.A (42Z)	Macon	GA	65.3	293.1
WBVJ-L (35+)	Valdosta	GA	190.0	191.2
WCESTV (20-)	Wrens	GA	101.0	36.0
WGG-S-D.C (35)	Greenville	SC	272.2	9.9
WGSA (34+)	Baxley	GA	106.7	141.9
WGSA.A (34+)	Baxley	GA	116.1	119.6
WGSA-D.A (35)	Baxley	GA	106.7	141.9
WGSA-D.C (35)	Baxley	GA	157.2	108.7
WJSPTV (28Z)	Columbus	GA	170.7	282.8
WLTZ-D.C (35)	Columbus	GA	184.7	268.3
WMMP-D.C (35)	Charleston	SC	305.9	80.5
WPXCTV (21+)	Brunswick	GA	179.6	148.5
WRLKTV (35+)	Columbia	SC	255.8	45.7
WTGS (28-)	Hardeeville	SC	158.1	109.1
WTVC-D (35)	Chattanooga	TN	367.0	323.5
WTVC-D.C (35)	Chattanooga	TN	367.0	323.5

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
W05AZ.A (28+)	0.0	0	40,898		0		0	0.0
W35AY (35-)	0.0	0	52,338		0		0	0.0
W35BN (35+)	0.0	0	152,701		0		0	0.0
W56EJ.A (35Z)	0.0	0	227,363		0		0	0.0
W69DO.A (42Z)	0.0	0	281,429		0		0	0.0
WBVJ-L (35+)	0.0	0	54,452		0		0	0.0
WCESTV (20-)	14.4	58	709,467		158		132	0.0
WGGs-D.C (35)	0.0	0	1,681,621		0		0	0.0
WGSA (34+)	0.0	0	107,689		0		0	0.0
WGSA.A (34+)	0.0	0	600,099		0		0	0.0
WGSA-D.A (35)	0.0	0	10,988		0		0	0.0
WGSA-D.C (35)	10.3	79	827,214		0		199	0.0
WJSPTV (28Z)	0.0	0	1,045,089		0		0	0.0
WLTZ-D.C (35)	158.3	969	867,492		176		2,620	0.3
WMMP-D.C (35)	0.0	0	651,402		0		0	0.0
WPXCTV (21+)	0.0	0	278,712		0		0	0.0
WRLKTV (35+)	0.0	0	831,130		0		0	0.0
WTGS (28-)	0.0	0	691,130		0		0	0.0
WTVc-D (35)	0.0	0	992,222		0		0	0.0
WTVc-D.C (35)	0.0	0	1,130,295		0		0	0.0

	Housing Units	Population
Georgia		
Bibb County		
Total	67,194	153,887
WLTZ-D.C (35)	6	9
Calhoun County		
Total	2,305	6,320
WLTZ-D.C (35)	5	11
Coweta County		
Total	33,182	89,215
WLTZ-D.C (35)	59	170
Crawford County		
Total	4,872	12,495
WLTZ-D.C (35)	191	503
Dooly County		
Total	4,499	11,525
WLTZ-D.C (35)	54	81
Fayette County		
Total	32,726	91,263
WLTZ-D.C (35)	27	101
Houston County		
Total	44,509	110,765
WLTZ-D.C (35)	21	53
Johnson County		
Total	3,634	8,560
WCESTV (20-)	5	9
Lamar County		

Total	6,145	15,912
WLTZ-D.C (35)	66	150
Laurens County		
Total	19,687	44,874
WCESTV (20-)	53	123
Lee County		
Total	8,813	24,757
WLTZ-D.C (35)	3	8
Macon County		
Total	5,495	14,074
WLTZ-D.C (35)	9	30
Meriwether County		
Total	9,211	22,534
WLTZ-D.C (35)	16	41
Monroe County		
Total	8,425	21,757
WLTZ-D.C (35)	5	17
Montgomery County		
Total	3,492	8,270
WGSA-D.C (35)	64	175
Peach County		
Total	9,093	23,668
WLTZ-D.C (35)	358	931
Pike County		
Total	5,068	13,688
WLTZ-D.C (35)	4	8
Spalding County		
Total	23,001	58,417
WLTZ-D.C (35)	134	458
Sumter County		
Total	13,700	33,200
WLTZ-D.C (35)	11	49
Toombs County		
Total	11,371	26,067
WGSA-D.C (35)	15	24