

**MINOR MODIFICATION TO
W258BU (FORMERLY W205CI) - BPFT-20091211AEB**

This technical report has been developed in support of a minor modification to the W258BU CP (BPFT-20091211AEB) as constructed. A form 350 license application for the constructed facility has been filed prior to the filing of this modification application.. The facility will be combined with translator W250BC facility on the same tower (ASR#1223132) with 99 watts ERP as a fill in translator for station WWWQ, on 259C0 licensed to Atlanta, GA (facility ID #73345). E2 demonstrates 60 dBu overlap with the constructed facility.

The data for all terrain utilized in this report and application exhibits were obtained from the V-Soft NGDC 3 second terrain database. Exhibits provided are:

- E1 Channel Study**
- E1A Interference plot to Lawrenceville, GA application**
- E1A1 FMOVER analysis to Lawrenceville, GA application**
- E1B Interference analysis to WSB-FM and WWWQ**
- E1C DA pattern**
- E2 W258BU existing and proposed 60 dBu and WWWQ 60 dBu plot**
- E3 W258BU proposed HAAT tabulation**
- E4 Aerial photo of tower site**
- E5 Tower ASR**

Allocation analysis and WSB-FM and WWWQ Interference Calculations:

Exhibit E1, E1A and E1A1 demonstrate that the proposed facility does not cause interference to any protected facilities. The W250BC measured pattern for the Shively Shively 6014-1/3 antenna is utilized to achieve clearance to the Lawrenceville, GA 255D application.

The proposed W258BU operation on channel 256 is located well inside the 3rd adjacent channel WSB-FM channel 253C0 and WWWQ's 259C0 facilities' 60 dBu contours. Therefore, the interference ratio is utilized to determine the actual W258BU proposed interference contour, in accordance with FCC-02-244, paragraph 12. Exhibit E1B shows that WSB-FM places a 109.3 dBu (50, 50) contour at the proposed W258BU tower site. Adding the 40 dBu 3rd adjacent channel interference ratio yields an interfering contour of 149.3 dBu (50, 10) at 3.8 meters. Therefore, it is obvious that the interference contour will not encompass any buildings or roads where radio reception is possible. In

fact, the proposed antenna is at an elevation of 324 meters AGL on an existing tower and will not reach the ground. Exhibit E4 shows that there are no tall buildings or highways within 3.8 meters. Since the proposed W258BU facility and WWWQ are collocated, it is clear that the interference contour to that facility will be less than 3.8 meters. **A waiver of section 74.1204 is requested in accordance with well-established Commission precedent.**

W258BU Antenna and RF exposure calculation:

W229AG will be combined with 250BC at a COR AGL of 324 meters on an existing tower, ASR # 1223132 at coordinates:

33-48-26 N 84-20-22 W (NAD 27).

The RF contribution from the 0.099 kW facility was evaluated using the formula:

$$S \text{ (RF in microwatts/cm}^2\text{)} = \frac{33.4 (F2 - \text{Vert Factor}) X (H \text{ ERP} + V \text{ ERP in watts})}{R^2 \text{ (distance to radiation center in meters).}}$$

Based on a worst case F factor of 1.0, the RF contribution was calculated to be 0.063 $\mu\text{Watts/cm}^2$ or 0.032% of the general public exposure limit, and well below the 5% level that is excluded from consideration.

Conclusion:

It is concluded that the minor modification of W258BU will comply with all Commission rules and policies.


Charles M. Anderson

© 2010 Anderson Communications, LLC

E1 CHANNEL STUDY

REFERENCE CH# 256D - 99.1 MHz, Pwr= 0.099 kW DA, HAAT= 299.6 M, COR= 588 M DISPLAY DATES
 33 48 26.0 N. Average Protected F(50-50)= 5.62 km DATA 11-06-10
 84 20 22.0 W. Standard Directional SEARCH 11-08-10

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
253C0 Atlanta	AL1313	RSV-A GA	---	175.3 355.3	5.3 RM10660	33 45 33.0 84 20 05.0	100.000 450	12.2 733	83.5	-24.9*<	-78.9*
259C0 Atlanta	WWWQ	LIC _C_ GA		0.0 0.0	0.0 BLH20030514ABW	33 48 26.0 84 20 22.0	100.000 340	10.3 612	73.4	-27.5*<	-74.1*(1) Susquehanna Radio Corp.
253C0 Atlanta	WSB-FM	LIC _CN GA		175.3 355.3	5.3 BLH19980903KB	33 45 33.0 84 20 05.0	100.000 313	10.3 594	73.3	-23.0*<	-68.6*(1) Cox Radio, Inc.
256C1 Macon	WDEN-FM	LIC _NC_ GA		147.8 328.2	136.6 BLH20010530AAX	32 45 51.0 83 33 32.0	100.000 177	160.0 290	62.3	-39.7*<	20.8 Cumulus Licensing Lic
255D Lawrenceville	629303	APP _C_ GA		52.5 232.7	32.8 BNPFT20030310AZU	33 59 12.0 84 03 25.0	0.013	9.4 406	6.7	6.1	0.4 Calvary Chapel Of Twin Fal
255D Marietta	645404	APP _C_ GA		310.1 129.9	32.8 BNPFT20030317DSO	33 59 47.6 84 36 41.2	0.027	5.7 355	4.0	9.8	3.2 Edgewater Broadcasting, In
257C2 Cornelia	WCON-FM	LIC _CN GA		37.1 217.5	100.1 BLH19891201KA	34 31 24.0 83 40 46.0	19.000 246	78.6 662	53.5	3.7	20.2 Habersham Broadcasting Co.
255D Alpharetta	645311	APP _C_ GA		11.9 192.0	36.3 BNPFT20030317DPH	34 07 34.7 84 15 29.3	0.013	8.8 421	6.3	10.5	4.8 Edgewater Broadcasting, In
255D Kennesaw	652008	APP _C_ GA		317.5 137.4	36.0 BNPFT20030317MMV	34 02 44.0 84 36 11.0	0.019	7.5 378	5.4	11.7	5.7 Clark Atlanta University
258D Tallapoosa	W205C1	APP _C_ GA		320.6 140.5	23.7 BPFT20091211AEB	33 58 19.0 84 30 09.0	0.010	0.2 476	8.0	7.0	15.1 Edgewater Broadcasting, In
255D Sugar Hill	645478	APP _C_ GA		39.6 219.8	48.5 BNPFT20030317DVE	34 08 33.6 84 00 11.3	0.010	12.4 550	8.8	18.0	12.8 Edgewater Broadcasting, In
257D Dallas	645358	APP _C_ GA		288.4 108.1	53.0 BNPFT20030317DQM	33 57 24.0 84 53 05.7	0.010	13.5 578	9.7	20.7	15.6 Edgewater Broadcasting, In
255D Dallas	645347	APP _C_ GA		288.4 108.1	53.0 BNPFT20030317DQJ	33 57 24.0 84 53 05.7	0.010	13.5 578	9.7	20.7	15.6 Edgewater Broadcasting, In
255D Cumming	647463	APP _C_ GA		19.2 199.3	50.6 BNPFT20030317DHB	34 14 12.0 84 09 30.0	0.010	13.5 610	9.6	20.2	15.9 Immanuel Broadcasting Netw
257D Oakland Heights	632759	APP _C_ GA		320.1 139.8	60.2 BNPFT20030311ANK	34 13 18.0 84 45 35.0	0.010	9.6 408	6.8	34.1	28.9 Way-fm Media Group, Inc.

(1) See interference calculations in Technical Report and Exhibit E1B disproving interference.

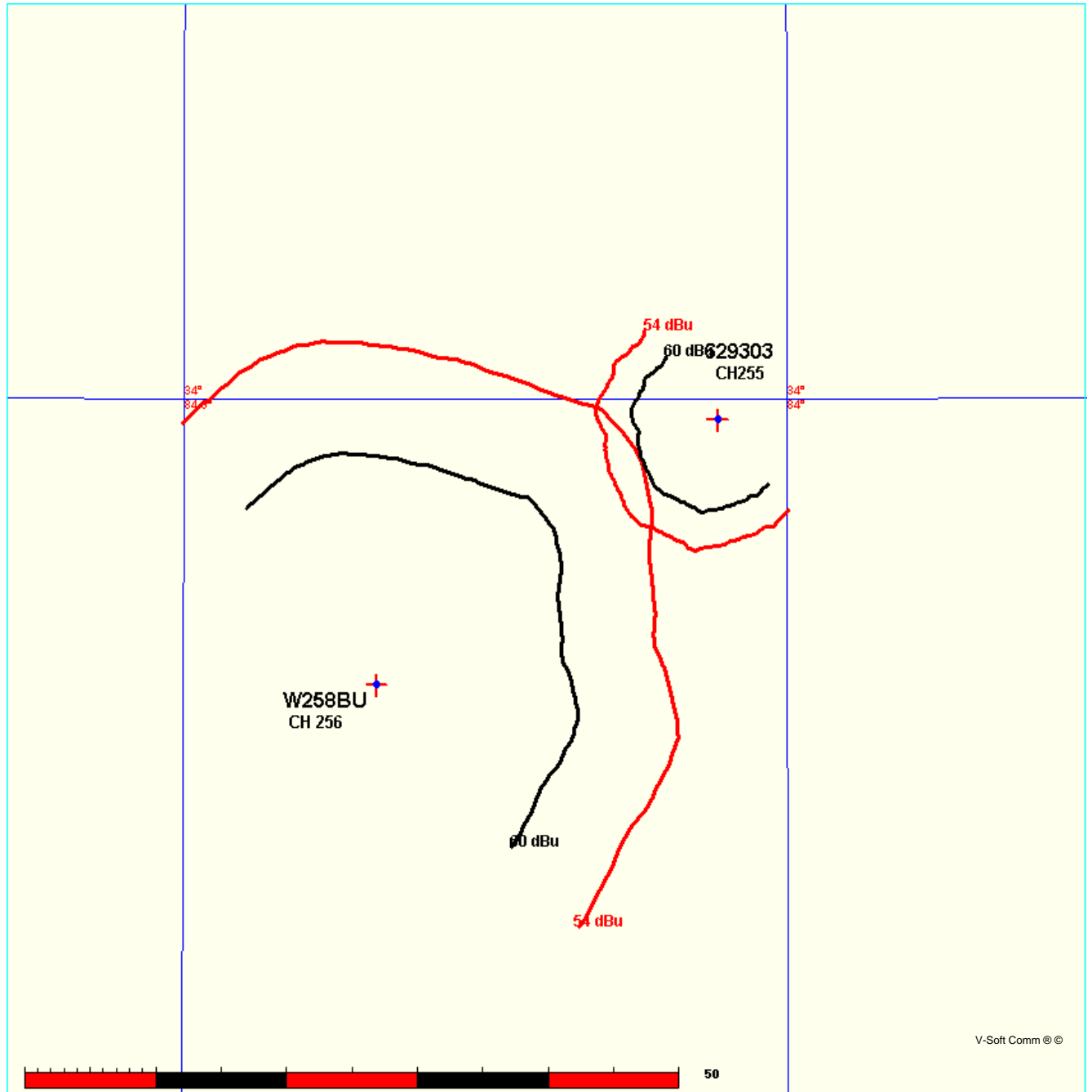
 Terrain database is USGS 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 2, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 Reference station has protected zone issue: AM tower

E1A W258BU VS LAWRENCEVIOLLE, GA APP INTERFERENCE PLOT

FMCommander Single Allocation Study - 11-08-2010 - USGS 03 SEC
W258BU's Overlaps (In= 6.09 km, Out= 0.38 km)

W258BU CH 256 D DA
Lat= 33 48 26.0, Lng= 84 20 22.0
0.099 kW 299.6 M HAAT, 588 M COR
Prot.= 60 dBu, Intef.= 54 dBu

629303 CH 255 D BNPFT20030310AZU
Lat= 33 59 12.0, Lng= 84 03 25.0
0.013 kW 0 M HAAT, 406 M COR
Prot.= 60 dBu, Intef.= 54 dBu



E1B

**W258BU PROPOSED
INTERFERENCE CONTOURS
TO WSB-FM AND WWWQ**

W258BU

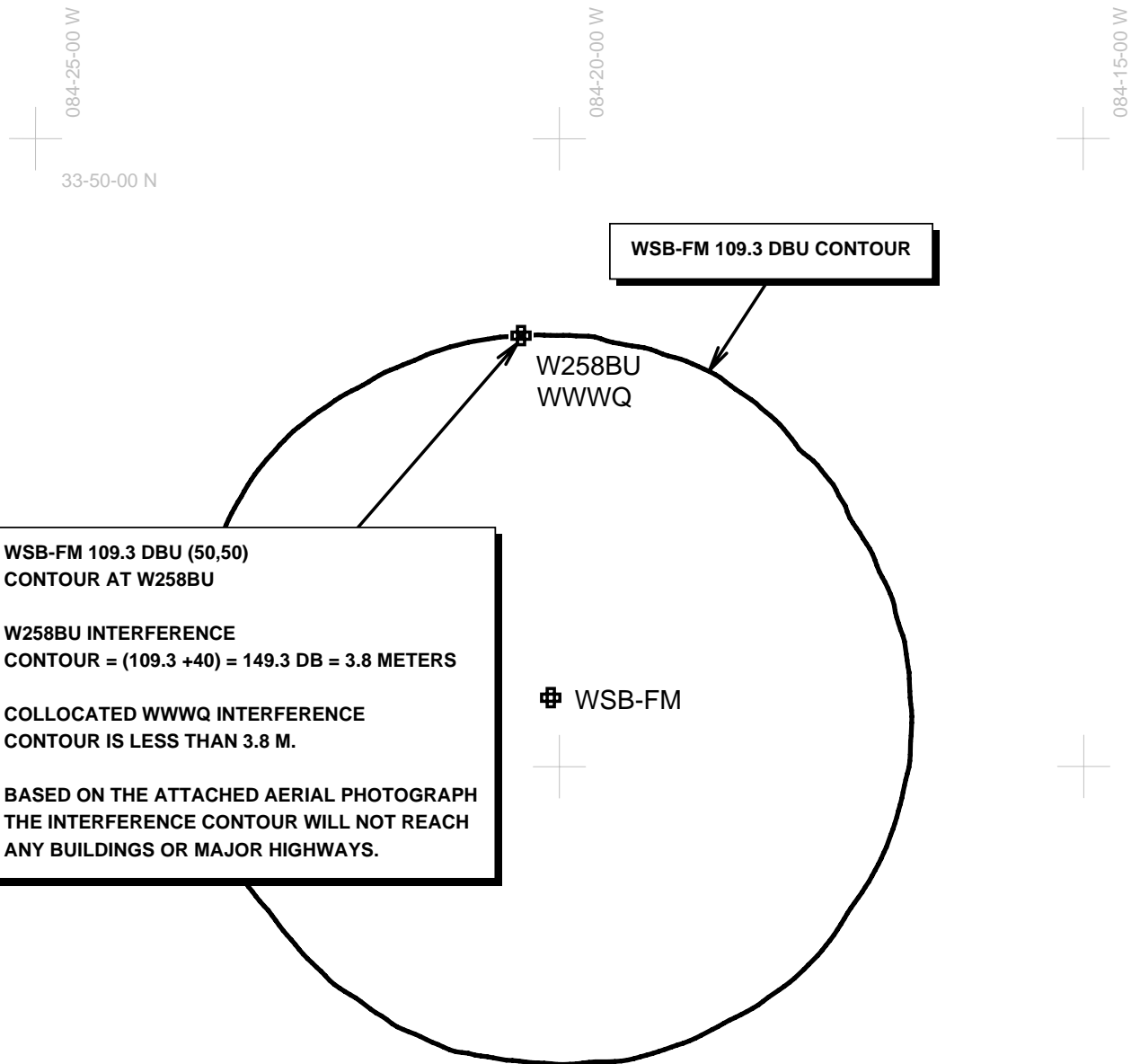
BLFT20090416AVM
Latitude: 33-48-26 N
Longitude: 084-20-22 W
ERP: 0.099 kW
HAAT: 0.0 m
Channel: 256
Frequency: 99.1 MHz
RCAMSL Height: 588.0 m
Site Elevation: 264.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WSB-FM

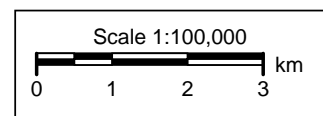
BLH19980903KB
Latitude: 33-45-33 N
Longitude: 084-20-05 W
ERP: 100.00 kW
HAAT: 313.0 m
Channel: 253
Frequency: 98.5 MHz
RCAMSL Height: 594.0 m
Site Elevation: 302.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WWWQ

BLH20030514ABW
Latitude: 33-48-26 N
Longitude: 084-20-22 W
ERP: 100.00 kW
HAAT: 340.0 m
Channel: 259
Frequency: 99.7 MHz
RCAMSL Height: 612.0 m
Site Elevation: 264.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



(c) Copyright 2010, Anderson Associates



V-Soft Communications LLC ® ©

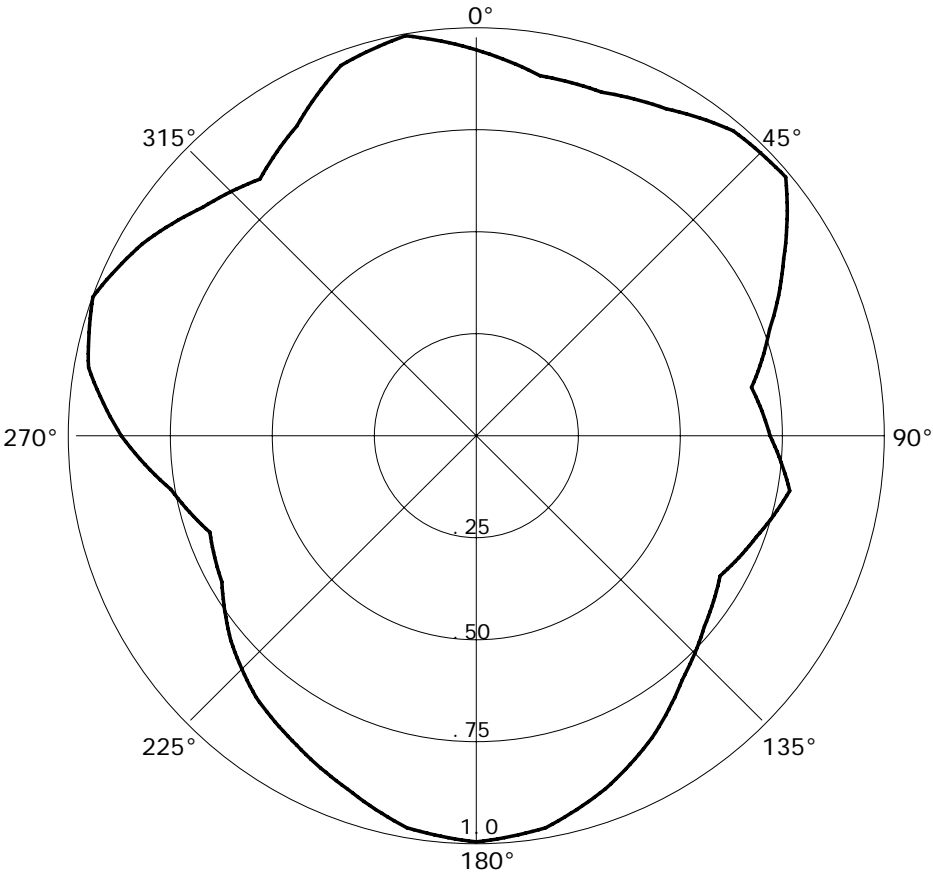
E1C DA PATTERN

11-08-2010

RMS(V) = .869

Graph is Relative Field

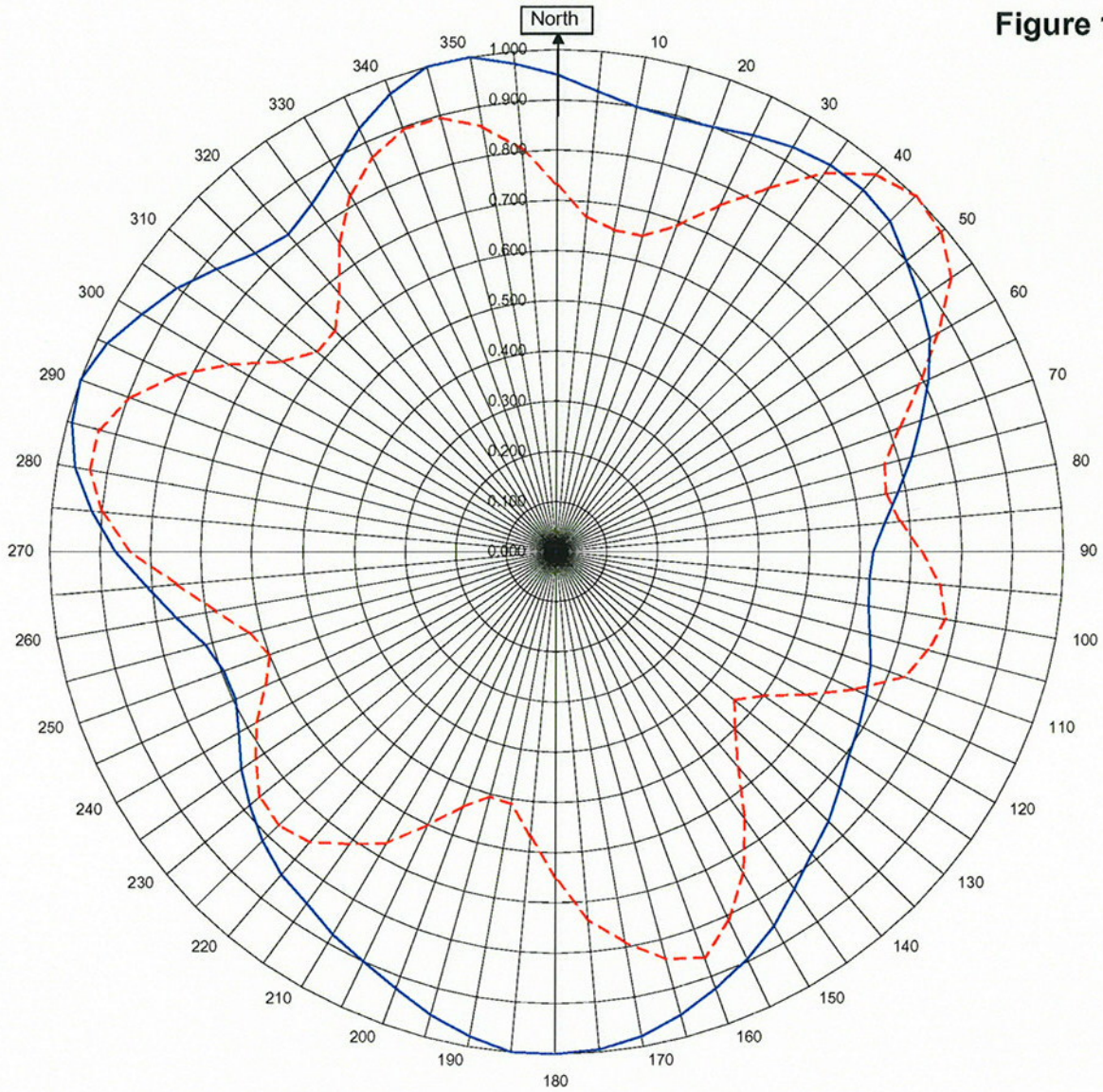
Azi	Field	dBk	kW
000	0.950	-10.5	0.089
010	0.900	-11.0	0.080
020	0.900	-11.0	0.080
030	0.930	-10.7	0.086
040	0.980	-10.2	0.095
050	0.990	-10.1	0.097
060	0.870	-11.3	0.075
070	0.765	-12.4	0.058
080	0.685	-13.3	0.046
090	0.720	-12.9	0.051
100	0.780	-12.2	0.060
110	0.730	-12.8	0.053
120	0.690	-13.3	0.047
130	0.730	-12.8	0.053
140	0.785	-12.1	0.061
150	0.860	-11.4	0.073
160	0.925	-10.7	0.085
170	0.980	-10.2	0.095
180	1.000	-10.0	0.099
190	0.980	-10.2	0.095
200	0.925	-10.7	0.085
210	0.880	-11.2	0.077
220	0.840	-11.6	0.070
230	0.785	-12.1	0.061
240	0.720	-12.9	0.051
250	0.695	-13.2	0.048
260	0.760	-12.4	0.057
270	0.870	-11.3	0.075
280	0.965	-10.4	0.092
290	1.000	-10.0	0.099
300	0.945	-10.5	0.088
310	0.875	-11.2	0.076
320	0.825	-11.7	0.067
330	0.880	-11.2	0.077
340	0.970	-10.3	0.093
350	1.000	-10.0	0.099



Shively Labs

Shively Labs, a division of Howell Laboratories, Inc. Bridgton, ME (207)647-3327

Figure 1a



W250BC Riverdale, GA

53158

January 16, 2009

Horizontal RMS	0.858
Vertical RMS	0.746
H/V Composite RMS	0.869

Frequency	97.9 / 440.55 mHz
Plot	Relative Field
Scale	4.5 : 1
See Figure 2 for Mechanical Details	

Antenna Model	Panel 6014-1/3
Pattern Type	Azimuth

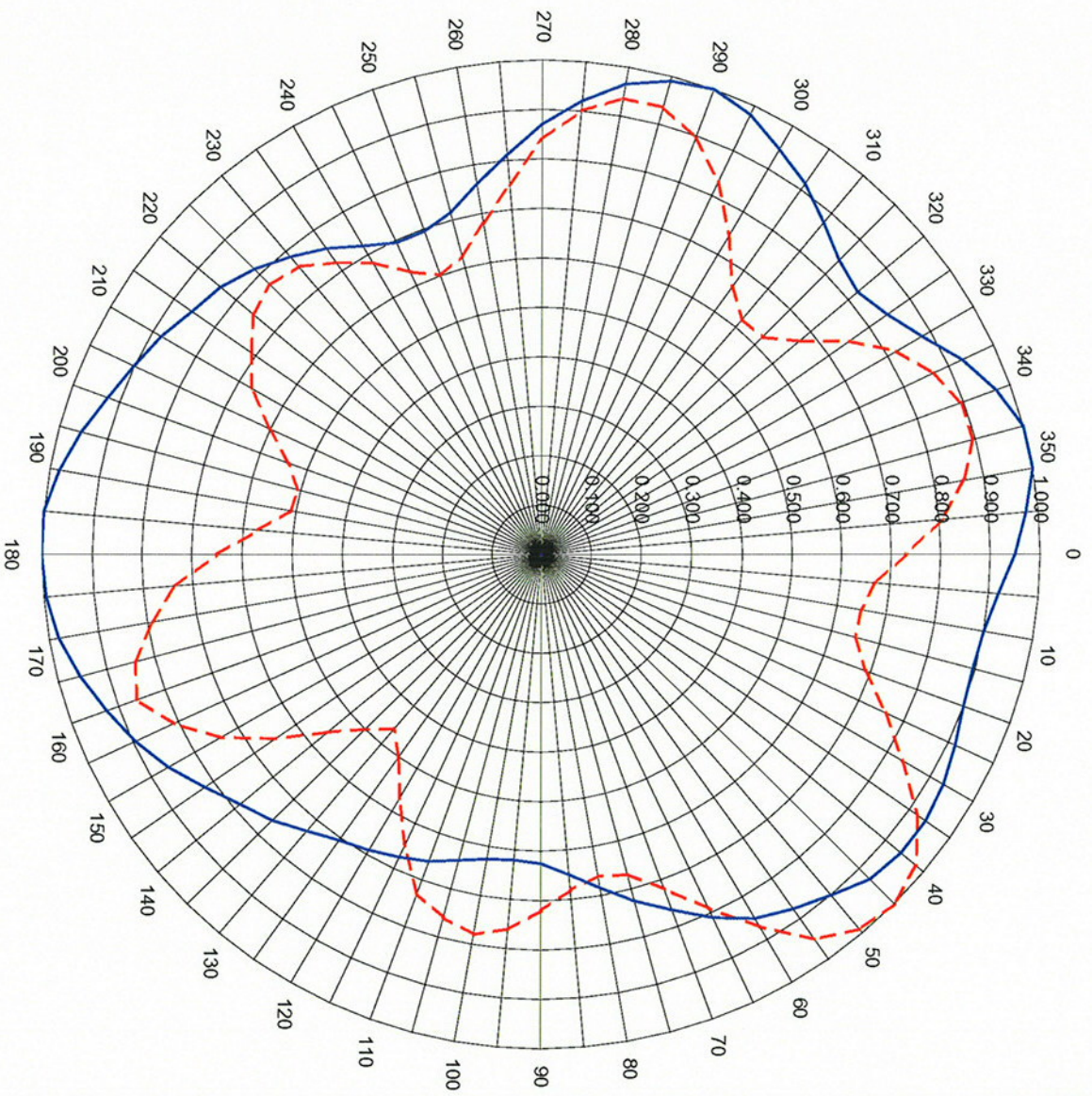


Figure 1a

Figure 1a

Tabulation of Horizontal Azimuth Pattern
W250BC Riverdale, GA

Azimuth	Rel Field	Azimuth	Rel Field
0	0.950	180	1.000
10	0.900	190	0.980
20	0.900	200	0.925
30	0.930	210	0.880
40	0.940	220	0.840
45	0.930	225	0.815
50	0.900	230	0.785
60	0.850	240	0.720
70	0.765	250	0.695
80	0.685	260	0.760
90	0.625	270	0.870
100	0.625	280	0.965
110	0.660	290	1.000
120	0.690	300	0.945
130	0.730	310	0.875
135	0.760	315	0.840
140	0.785	320	0.825
150	0.860	330	0.880
160	0.925	340	0.970
170	0.980	350	1.000

Figure 1b

Tabulation of Vertical Azimuth Pattern
W250BC Riverdale, GA

Azimuth	Rel Field	Azimuth	Rel Field
0	0.730	180	0.650
10	0.650	190	0.510
20	0.690	200	0.540
30	0.835	210	0.670
40	0.980	220	0.755
45	1.000	225	0.770
50	0.990	230	0.760
60	0.870	240	0.680
70	0.720	250	0.600
80	0.660	260	0.680
90	0.720	270	0.840
100	0.780	280	0.935
110	0.730	290	0.895
120	0.570	300	0.745
130	0.460	310	0.620
135	0.500	315	0.620
140	0.560	320	0.670
150	0.740	330	0.820
160	0.860	340	0.895
170	0.790	350	0.860

E2

**W258BU PROPOSED
AND CONSTRUCTED 60 DBU
CONTOURS**

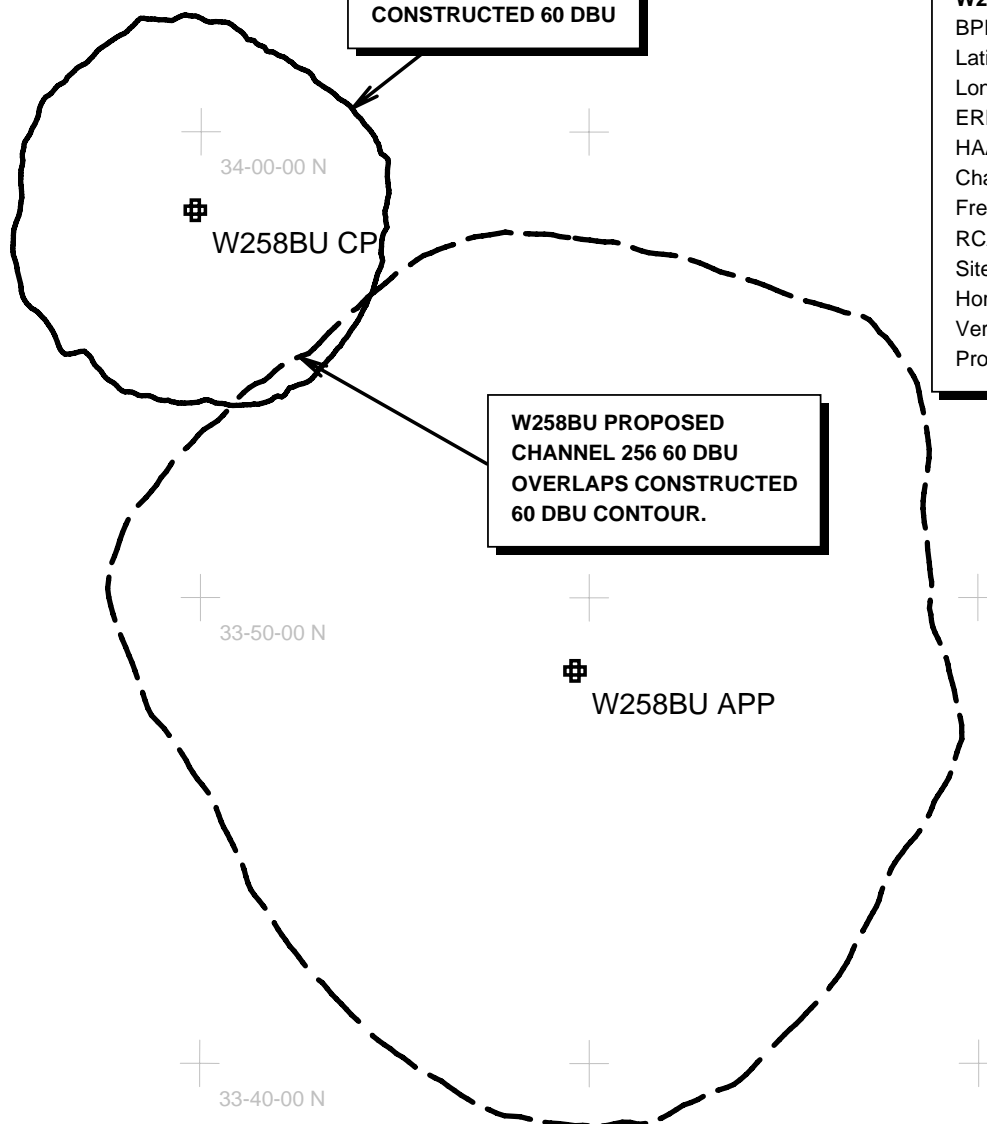
W258BU APP

BLFT20090416AVM
Latitude: 33-48-26 N
Longitude: 084-20-22 W
ERP: 0.099 kW
HAAT: 0.0 m
Channel: 256
Frequency: 99.1 MHz
RCAMSL Height: 588.0 m
Site Elevation: 264.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

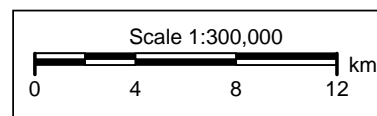
**W258BU CP
CONSTRUCTED 60 DBU**

W258BU CP

BPFT20091211AEB
Latitude: 33-58-19 N
Longitude: 084-30-09 W
ERP: 0.01 kW
HAAT: 0.0 m
Channel: 258
Frequency: 99.5 MHz
RCAMSL Height: 476.0 m
Site Elevation: 386.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



(c) Copyright 2010, Anderson Associates



V-Soft Communications LLC ® ©

E3 CONTOUR AND HAAT TABULATION

N. Lat. = 334826.0 W. Lng. = 842022.0

HAAT and Distance to Contour,

V-Soft 3-16 km, 131 pts Method - USGS 03 SEC

Azi. AV EL HAAT dBk 60-F5

000	297.7	290.3	-6.47	21.67
030	291.9	296.1	-6.65	21.65
060	305.6	282.4	-7.23	20.48
090	298.4	289.6	-8.87	18.89
120	287.9	300.1	-9.24	18.83
150	286.8	301.2	-7.33	21.02
180	285.2	302.8	-6.02	22.66
210	299.2	288.8	-7.13	20.83
240	282.5	305.5	-8.87	19.41
270	262.3	325.7	-7.23	21.96
300	277.0	311.0	-6.51	22.35
330	286.1	301.9	-7.13	21.28

Ave El= 288.39 M HAAT= 299.61 M AMSL= 588.0

E3 DETAILED HAAT AND CONTOUR TABULATION

N. Lat. = 334826.0 W. Lng. = 842022.0
HAAT and Distance to Contour,
V-Soft 3-16 km, 131 pts Method - USGS 03 SEC

Azi.	AV EL	HAAT	dBk	60-F5
000	297.7	290.3	-10.49	17.19
001	297.4	290.6	-10.54	17.15
002	296.6	291.4	-10.58	17.13
003	296.1	291.9	-10.63	17.10
004	295.0	293.0	-10.67	17.09
005	292.4	295.6	-10.72	17.12
006	292.0	296.0	-10.77	17.08
007	292.3	295.7	-10.82	17.02
008	292.9	295.1	-10.86	16.96
009	293.0	295.0	-10.91	16.91
010	292.4	295.6	-10.96	16.87
011	292.0	296.0	-10.96	16.89
012	291.2	296.8	-10.96	16.91
013	290.1	297.9	-10.96	16.94
014	289.3	298.7	-10.96	16.97
015	289.5	298.5	-10.96	16.96
016	289.8	298.2	-10.96	16.95
017	290.1	297.9	-10.96	16.94
018	290.9	297.1	-10.96	16.92
019	291.9	296.1	-10.96	16.89
020	292.6	295.4	-10.96	16.87
021	292.7	295.3	-10.93	16.89
022	292.8	295.2	-10.90	16.92
023	292.8	295.2	-10.87	16.95
024	292.8	295.2	-10.84	16.98
025	292.2	295.8	-10.82	17.03
026	292.1	295.9	-10.79	17.06
027	292.3	295.7	-10.76	17.09
028	292.6	295.4	-10.73	17.10
029	292.6	295.4	-10.70	17.13
030	291.9	296.1	-10.67	17.18
031	292.1	295.9	-10.63	17.23
032	290.7	297.3	-10.58	17.32
033	288.8	299.2	-10.54	17.43
034	287.3	300.7	-10.49	17.52
035	285.3	302.7	-10.44	17.63
036	283.8	304.2	-10.40	17.72
037	282.2	305.8	-10.35	17.82
038	278.7	309.3	-10.31	17.97
039	274.9	313.1	-10.26	18.13
040	274.3	313.7	-10.22	18.20
041	275.9	312.1	-10.21	18.16
042	278.7	309.3	-10.20	18.09
043	278.3	309.7	-10.19	18.11
044	280.0	308.0	-10.18	18.06
045	282.1	305.9	-10.17	18.01
046	284.5	303.5	-10.17	17.94

E3 CONTINUED

047	286.2	301.8	-10.16	17.90
048	287.4	300.6	-10.15	17.87
049	289.5	298.5	-10.14	17.82
050	292.2	295.8	-10.13	17.74
051	293.8	294.2	-10.24	17.58
052	295.6	292.4	-10.34	17.41
053	296.2	291.8	-10.45	17.28
054	296.7	291.3	-10.56	17.15
055	297.3	290.7	-10.67	17.02
056	298.5	289.5	-10.79	16.86
057	299.2	288.8	-10.90	16.72
058	300.1	287.9	-11.02	16.57
059	302.4	285.6	-11.13	16.38
060	305.6	282.4	-11.25	16.15
061	308.3	279.7	-11.36	15.96
062	312.0	276.0	-11.47	15.74
063	315.0	273.0	-11.57	15.54
064	317.0	271.0	-11.68	15.38
065	318.1	269.9	-11.79	15.24
066	317.9	270.1	-11.91	15.15
067	317.6	270.4	-12.02	15.06
068	315.8	272.2	-12.14	15.01
069	313.6	274.4	-12.25	14.97
070	313.6	274.4	-12.37	14.87
071	313.5	274.5	-12.46	14.80
072	312.5	275.5	-12.55	14.75
073	311.0	277.0	-12.65	14.71
074	310.0	278.0	-12.74	14.66
075	308.7	279.3	-12.84	14.62
076	306.9	281.1	-12.93	14.58
077	306.2	281.8	-13.03	14.52
078	307.1	280.9	-13.13	14.42
079	306.2	281.8	-13.23	14.36
080	306.3	281.7	-13.33	14.28
081	306.9	281.1	-13.29	14.30
082	308.9	279.1	-13.24	14.28
083	309.6	278.4	-13.20	14.30
084	308.2	279.8	-13.15	14.37
085	305.8	282.2	-13.11	14.47
086	303.6	284.4	-13.07	14.56
087	301.1	286.9	-13.02	14.67
088	299.6	288.4	-12.98	14.75
089	298.6	289.4	-12.94	14.81
090	298.4	289.6	-12.90	14.85
091	298.1	289.9	-12.82	14.92
092	297.2	290.8	-12.75	15.00
093	296.7	291.3	-12.68	15.08
094	296.5	291.5	-12.61	15.15
095	295.8	292.2	-12.54	15.23
096	294.7	293.3	-12.47	15.33
097	293.4	294.6	-12.40	15.42
098	292.5	295.5	-12.34	15.51
099	293.4	294.6	-12.27	15.55
100	293.6	294.4	-12.20	15.60
101	293.6	294.4	-12.26	15.55

E3 CONTINUED

102	293.1	294.9	-12.31	15.51
103	292.2	295.8	-12.37	15.49
104	291.0	297.0	-12.43	15.47
105	289.3	298.7	-12.48	15.46
106	288.6	299.4	-12.54	15.43
107	288.9	299.1	-12.60	15.37
108	289.3	298.7	-12.66	15.31
109	289.9	298.1	-12.72	15.24
110	290.1	297.9	-12.78	15.18
111	288.6	299.4	-12.82	15.17
112	287.3	300.7	-12.87	15.17
113	286.8	301.2	-12.92	15.14
114	286.1	301.9	-12.97	15.11
115	285.7	302.3	-13.02	15.08
116	286.1	301.9	-13.07	15.02
117	287.6	300.4	-13.12	14.94
118	288.1	299.9	-13.17	14.89
119	287.8	300.2	-13.22	14.85
120	287.9	300.1	-13.27	14.81
121	290.4	297.6	-13.22	14.79
122	291.9	296.1	-13.17	14.79
123	291.8	296.2	-13.12	14.84
124	292.3	295.7	-13.07	14.87
125	291.8	296.2	-13.02	14.92
126	290.5	297.5	-12.97	14.99
127	288.1	299.9	-12.92	15.10
128	287.1	300.9	-12.87	15.17
129	287.3	300.7	-12.82	15.21
130	287.1	300.9	-12.78	15.26
131	286.8	301.2	-12.71	15.32
132	286.8	301.2	-12.65	15.38
133	286.8	301.2	-12.58	15.44
134	286.4	301.6	-12.52	15.51
135	284.7	303.3	-12.46	15.61
136	282.4	305.6	-12.39	15.73
137	281.1	306.9	-12.33	15.83
138	280.4	307.6	-12.27	15.91
139	279.5	308.5	-12.21	15.99
140	279.4	308.6	-12.15	16.05
141	280.4	307.6	-12.06	16.11
142	280.5	307.5	-11.98	16.19
143	281.8	306.2	-11.90	16.24
144	283.5	304.5	-11.82	16.27
145	284.2	303.8	-11.74	16.33
146	284.9	303.1	-11.66	16.39
147	285.1	302.9	-11.58	16.46
148	285.6	302.4	-11.51	16.52
149	286.8	301.2	-11.43	16.57
150	286.8	301.2	-11.35	16.64
151	286.3	301.7	-11.29	16.72
152	285.3	302.7	-11.22	16.82
153	284.1	303.9	-11.16	16.92
154	282.8	305.2	-11.09	17.03
155	281.4	306.6	-11.03	17.13
156	279.1	308.9	-10.97	17.27

E3 CONTINUED

157	277.1	310.9	-10.91	17.39
158	275.5	312.5	-10.84	17.50
159	274.9	313.1	-10.78	17.58
160	276.8	311.2	-10.72	17.59
161	279.1	308.9	-10.67	17.58
162	280.4	307.6	-10.62	17.59
163	281.0	307.0	-10.57	17.63
164	280.4	307.6	-10.52	17.70
165	280.9	307.1	-10.47	17.74
166	281.7	306.3	-10.42	17.77
167	280.1	307.9	-10.37	17.87
168	278.2	309.8	-10.32	17.97
169	276.9	311.1	-10.27	18.07
170	275.9	312.1	-10.22	18.15
171	275.2	312.8	-10.20	18.19
172	276.6	311.4	-10.18	18.17
173	281.1	306.9	-10.17	18.05
174	282.9	305.1	-10.15	18.01
175	282.6	305.4	-10.13	18.04
176	281.8	306.2	-10.11	18.08
177	282.0	306.0	-10.10	18.10
178	283.8	304.2	-10.08	18.06
179	285.0	303.0	-10.06	18.04
180	285.2	302.8	-10.04	18.05
181	286.0	302.0	-10.06	18.01
182	286.6	301.4	-10.08	17.97
183	285.8	302.2	-10.10	17.98
184	286.0	302.0	-10.11	17.95
185	287.1	300.9	-10.13	17.90
186	287.7	300.3	-10.15	17.86
187	288.7	299.3	-10.17	17.82
188	287.6	300.4	-10.18	17.83
189	286.3	301.7	-10.20	17.85
190	286.9	301.1	-10.22	17.82
191	287.8	300.2	-10.27	17.73
192	287.9	300.1	-10.32	17.68
193	288.5	299.5	-10.37	17.61
194	289.8	298.2	-10.42	17.52
195	291.0	297.0	-10.47	17.43
196	292.9	295.1	-10.52	17.32
197	294.3	293.7	-10.57	17.22
198	296.0	292.0	-10.62	17.11
199	295.4	292.6	-10.67	17.08
200	295.3	292.7	-10.72	17.03
201	295.2	292.8	-10.76	16.99
202	294.8	293.2	-10.81	16.96
203	296.2	291.8	-10.85	16.87
204	297.1	290.9	-10.89	16.80
205	297.0	291.0	-10.93	16.76
206	297.7	290.3	-10.98	16.69
207	297.5	290.5	-11.02	16.65
208	297.6	290.4	-11.07	16.60
209	297.9	290.1	-11.11	16.55
210	299.2	288.8	-11.15	16.46
211	300.5	287.5	-11.19	16.38

E3 CONTINUED

212	300.8	287.2	-11.23	16.33
213	301.1	286.9	-11.27	16.28
214	302.0	286.0	-11.31	16.21
215	302.7	285.3	-11.35	16.15
216	302.9	285.1	-11.39	16.10
217	303.1	284.9	-11.43	16.05
218	303.8	284.2	-11.48	15.99
219	304.5	283.5	-11.52	15.93
220	302.9	285.1	-11.56	15.94
221	302.3	285.7	-11.62	15.90
222	301.3	286.7	-11.67	15.88
223	301.1	286.9	-11.73	15.83
224	301.0	287.0	-11.79	15.78
225	300.4	287.6	-11.85	15.74
226	298.9	289.1	-11.91	15.73
227	298.5	289.5	-11.97	15.68
228	297.6	290.4	-12.03	15.65
229	296.9	291.1	-12.09	15.62
230	296.7	291.3	-12.15	15.57
231	295.9	292.1	-12.22	15.52
232	294.4	293.6	-12.29	15.50
233	292.4	295.6	-12.36	15.48
234	289.8	298.2	-12.44	15.49
235	286.2	301.8	-12.51	15.52
236	283.7	304.3	-12.59	15.51
237	283.0	305.0	-12.66	15.46
238	283.0	305.0	-12.74	15.39
239	283.4	304.6	-12.82	15.32
240	282.5	305.5	-12.90	15.27
241	281.9	306.1	-12.93	15.26
242	281.4	306.6	-12.96	15.24
243	280.9	307.1	-12.99	15.23
244	279.9	308.1	-13.02	15.22
245	278.5	309.5	-13.05	15.23
246	276.2	311.8	-13.08	15.26
247	275.2	312.8	-13.11	15.26
248	274.6	313.4	-13.14	15.25
249	273.5	314.5	-13.17	15.25
250	273.4	314.6	-13.20	15.22
251	273.5	314.5	-13.12	15.29
252	273.1	314.9	-13.04	15.37
253	272.2	315.8	-12.96	15.47
254	270.4	317.6	-12.88	15.59
255	269.4	318.6	-12.81	15.69
256	269.2	318.8	-12.73	15.77
257	269.7	318.3	-12.65	15.83
258	268.8	319.2	-12.58	15.92
259	267.5	320.5	-12.50	16.03
260	265.2	322.8	-12.43	16.17
261	264.8	323.2	-12.30	16.30
262	264.1	323.9	-12.18	16.44
263	260.6	327.4	-12.06	16.66
264	257.0	331.0	-11.94	16.88
265	256.9	331.1	-11.82	17.00
266	258.5	329.5	-11.70	17.08

E3 CONTINUED

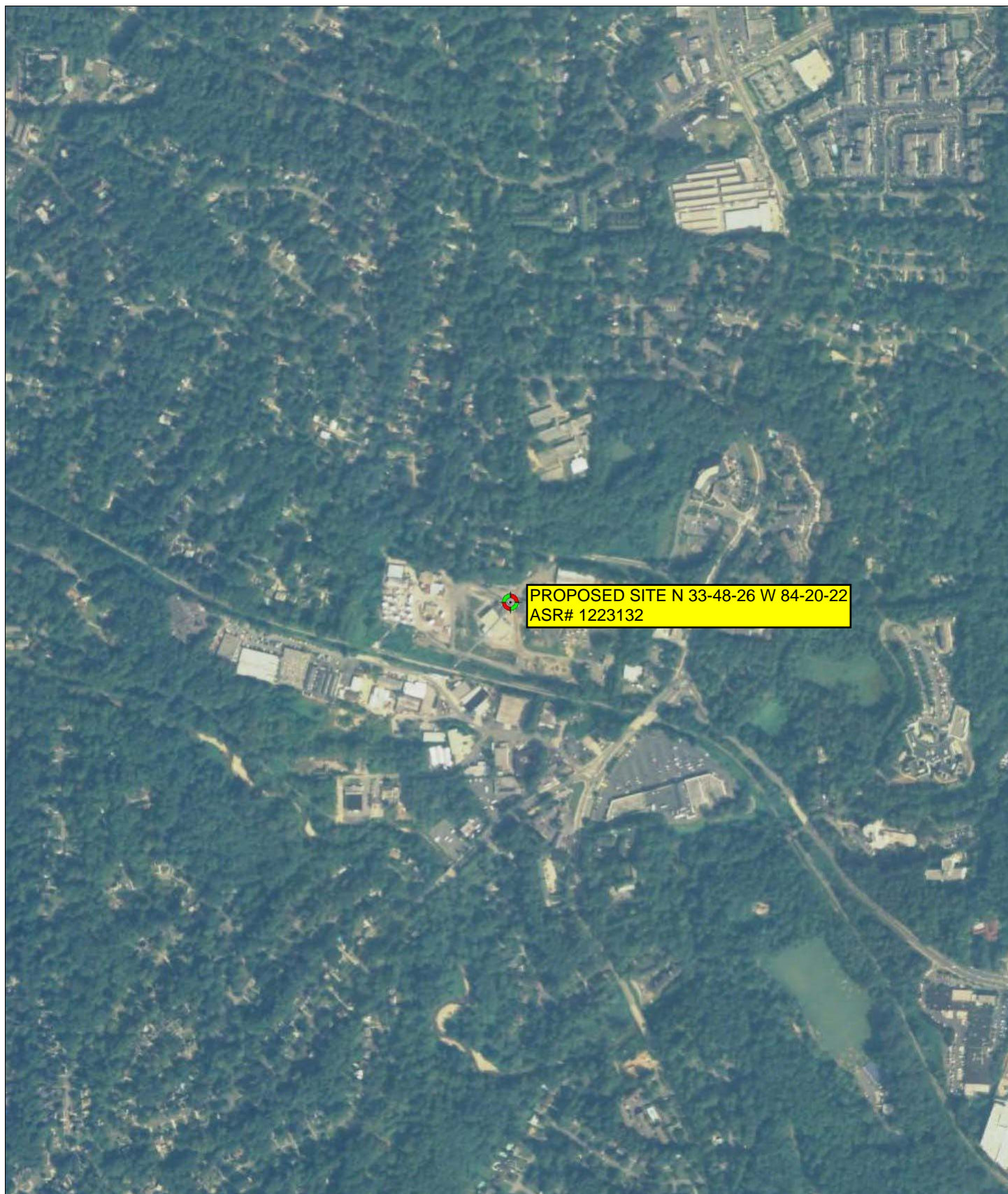
267	259.8	328.2	-11.59	17.16
268	261.0	327.0	-11.48	17.25
269	261.4	326.6	-11.36	17.35
270	262.3	325.7	-11.25	17.44
271	262.0	326.0	-11.16	17.55
272	260.2	327.8	-11.07	17.70
273	258.7	329.3	-10.97	17.83
274	256.0	332.0	-10.88	18.00
275	253.5	334.5	-10.79	18.17
276	251.2	336.8	-10.70	18.32
277	249.6	338.4	-10.61	18.46
278	247.7	340.3	-10.53	18.60
279	246.4	341.6	-10.44	18.73
280	245.9	342.1	-10.35	18.84
281	246.3	341.7	-10.32	18.86
282	246.6	341.4	-10.29	18.89
283	247.9	340.1	-10.26	18.89
284	250.7	337.3	-10.23	18.85
285	253.2	334.8	-10.20	18.81
286	254.9	333.1	-10.17	18.80
287	256.6	331.4	-10.14	18.79
288	259.1	328.9	-10.10	18.75
289	261.6	326.4	-10.07	18.72
290	264.2	323.8	-10.04	18.68
291	267.9	320.1	-10.09	18.52
292	270.7	317.3	-10.14	18.39
293	272.4	315.6	-10.19	18.29
294	273.8	314.2	-10.24	18.19
295	273.0	315.0	-10.29	18.16
296	274.1	313.9	-10.34	18.08
297	273.8	314.2	-10.38	18.03
298	272.8	315.2	-10.43	18.01
299	274.4	313.6	-10.48	17.91
300	277.0	311.0	-10.54	17.78
301	277.8	310.2	-10.60	17.69
302	276.6	311.4	-10.66	17.66
303	276.7	311.3	-10.73	17.58
304	279.2	308.8	-10.80	17.44
305	281.2	306.8	-10.86	17.31
306	280.7	307.3	-10.93	17.26
307	279.5	308.5	-11.00	17.22
308	278.1	309.9	-11.07	17.19
309	275.5	312.5	-11.13	17.20
310	273.8	314.2	-11.20	17.17
311	273.7	314.3	-11.25	17.13
312	275.2	312.8	-11.30	17.03
313	278.3	309.7	-11.35	16.89
314	277.9	310.1	-11.40	16.85
315	276.4	311.6	-11.46	16.84
316	275.3	312.7	-11.51	16.82
317	275.4	312.6	-11.56	16.76
318	276.8	311.2	-11.61	16.67
319	279.2	308.8	-11.66	16.55
320	281.1	306.9	-11.71	16.44
321	282.4	305.6	-11.66	16.46

E3 CONTINUED

322	283.7	304.3	-11.60	16.48
323	283.5	304.5	-11.54	16.55
324	283.8	304.2	-11.49	16.59
325	284.3	303.7	-11.43	16.64
326	284.5	303.5	-11.37	16.69
327	284.7	303.3	-11.32	16.74
328	285.0	303.0	-11.26	16.79
329	286.8	301.2	-11.21	16.79
330	286.1	301.9	-11.15	16.87
331	286.1	301.9	-11.07	16.96
332	287.6	300.4	-10.98	17.00
333	288.8	299.2	-10.89	17.06
334	289.6	298.4	-10.81	17.12
335	289.8	298.2	-10.72	17.20
336	289.2	298.8	-10.64	17.31
337	290.5	297.5	-10.55	17.35
338	292.0	296.0	-10.47	17.39
339	292.3	295.7	-10.39	17.47
340	292.5	295.5	-10.31	17.54
341	293.7	294.3	-10.28	17.54
342	293.5	294.5	-10.25	17.57
343	294.1	293.9	-10.23	17.58
344	294.7	293.3	-10.20	17.59
345	294.6	293.4	-10.17	17.62
346	293.9	294.1	-10.15	17.67
347	294.2	293.8	-10.12	17.69
348	296.1	291.9	-10.10	17.66
349	297.3	290.7	-10.07	17.64
350	298.4	289.6	-10.04	17.63
351	296.7	291.3	-10.09	17.64
352	297.8	290.2	-10.13	17.56
353	298.1	289.9	-10.17	17.51
354	298.2	289.8	-10.22	17.46
355	298.1	289.9	-10.26	17.41
356	297.6	290.4	-10.31	17.39
357	297.1	290.9	-10.35	17.35
358	298.2	289.8	-10.40	17.27
359	298.0	290.0	-10.44	17.23

Ave El= 286.61 M HAAT= 301.39 M AMSL= 588 M
Area by numeric integration= 874.78 Sq km.

E4 AERIAL PHOTOGRAPH OF PROPOSED SITE



0 0.2 Mi

0 1000 Ft

Registration 1223132 [Map Registration](#)**Registration Detail**

Reg Number	1223132	Status	Constructed
File Number	A0425886	Constructed	03/27/2002
FAA Study	00-ASO-8684-OE	EMI	Yes
FAA Issue Date	01/18/2001	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long	33-48-26.4 N 084-20-21.5 W	1800 Briarcliff Road NE
City, State	Atlanta , GA	
Center of AM Array		

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
264.3	360.3
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
624.6	321.9

Painting and Lighting Specifications

FAA Chapters 4, 9, 12

Paint and Light in Accordance with FAA Circular Number 70/7460-1K

Owner & Contact Information

FRN	0006154249	Licensee ID	L00167959
-----	------------	-------------	-----------

Owner

Richland Towers, Inc.
4890 West Kennedy Blvd., Suite 920
Tampa , FL 33609

P: (813)286-4140
E:

Contact

4890 West Kennedy Blvd., Suite #920
Tampa , FL 33609

P: (813)286-4140
E:

Last Action Status

Status	Constructed	Received	01/24/2005
Purpose	Notification	Entered	01/24/2005
Mode	Interactive		

Related Applications

01/24/2005	A0425886 - Notification (NT)
01/15/2004	A0360461 - Admin Update (AU)
03/08/2001	A0173831 - Admin Update (AU)
Related applications (4)	