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ENGINEERING REPORT

Americus, GA, Channel 295A FM Application

EXHIBIT 34 –ENGINEERING STATEMENT REGARDING SECTION 73.215

The proposed transmitter site is short-spaced to the transmitter sites of WZIQ channel 293A (short by 2.3 km) and of WOKA-FM 294C1 (short by 1.2 km). The Applicant respectfully requests that the contour protection procedures of Section 73.215 be used to determine protection to these two short-spaced facilities. As demonstrated by Figures E34-1, E34-2 and E34-3, attached, both WZIQ and WOKA-FM are protected pursuant to Section 73.215 of the FCC Rules.

Each service and interference contour of the short-spacing study has been determined at one-degree intervals for 360 degrees based on the requirements outlined in Section 73.215 of the FCC Rules. USGS 3 arc-second terrain data have been used.

Contour tabulations are included as Exhibits E34-4 and E34-5 for the proposed 100 dBu F50,10 contour and the WZIQ 60 dBu F50,50 contour, respectively, due to the close nature of the non-contour ovelap (See Figure E34-2) and based on the need for the higher resolution of the 3 arc-second terrain data to prevent contour overlap.

FIGURE E34-1: 73.215 STUDY TO WZIQ 293A (Max Facilities Per 73.215 Used for WZIQ)

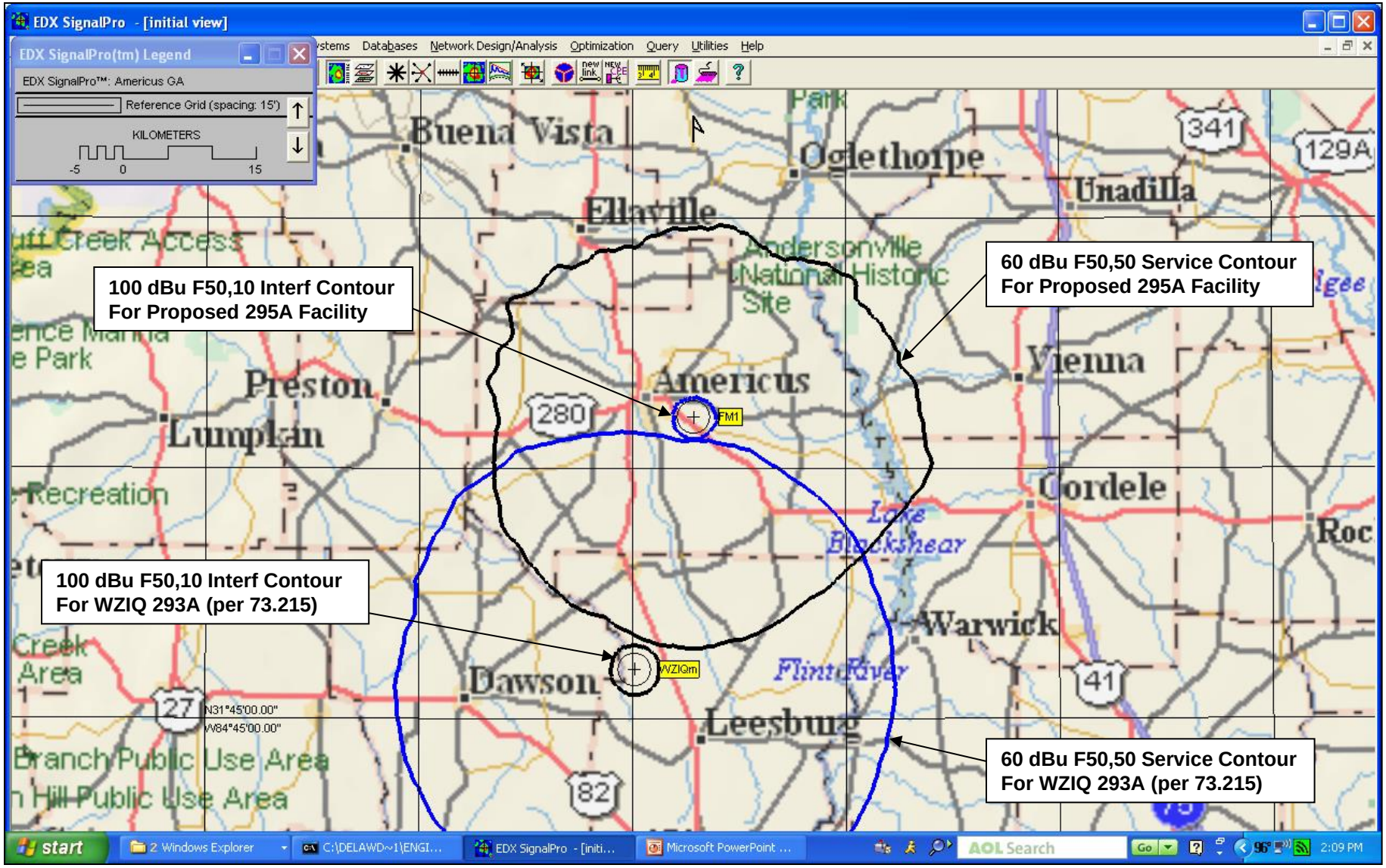

FIGURE E34-2: MAGNIFIED SHOWING OF 73.215 STUDY TO WZIQ 293A

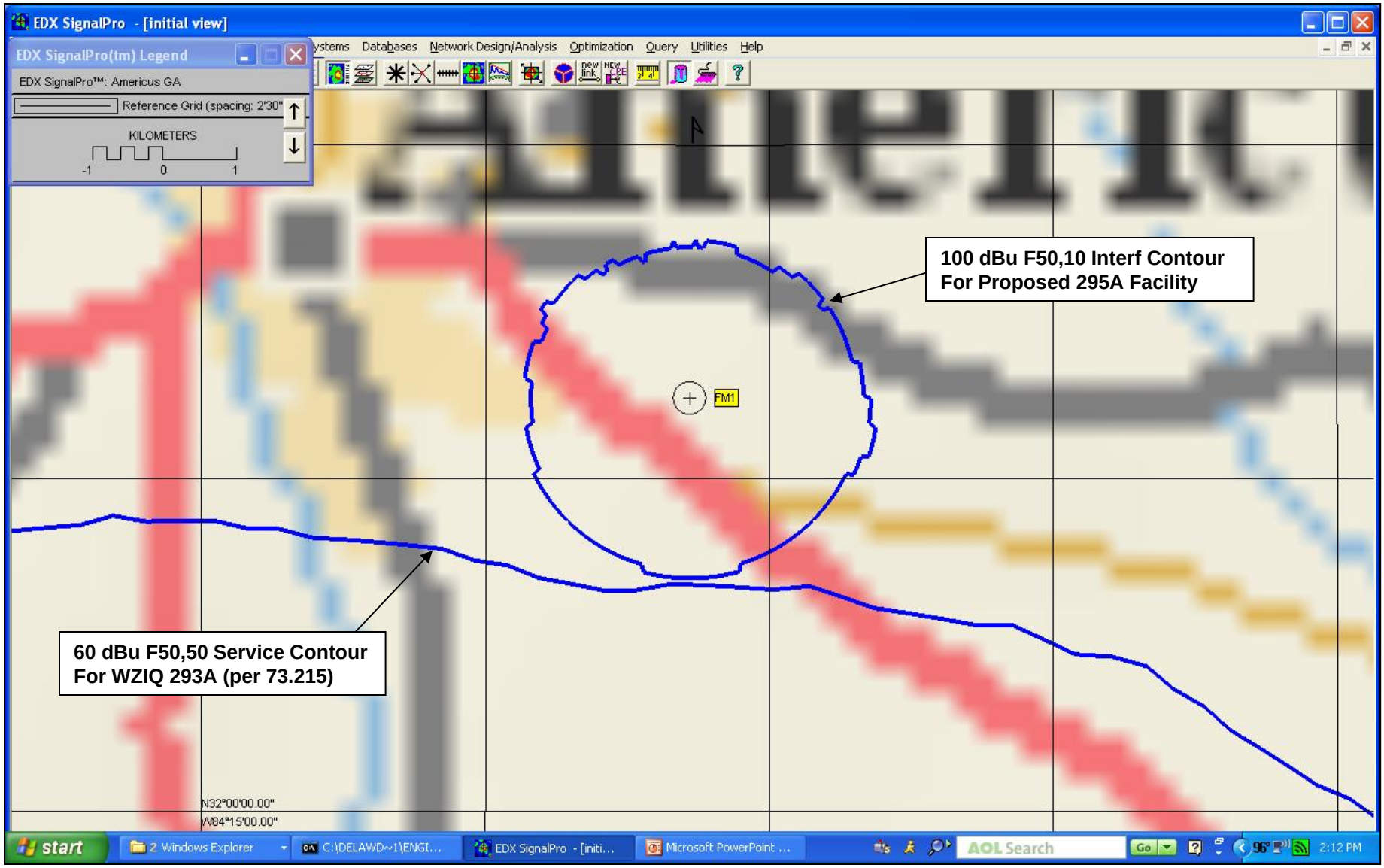

FIGURE E34-3: 73.215 STUDY TO WOKA-FM 294C1 (Max Facilities Per 73.215 Used for WOKA-FM)

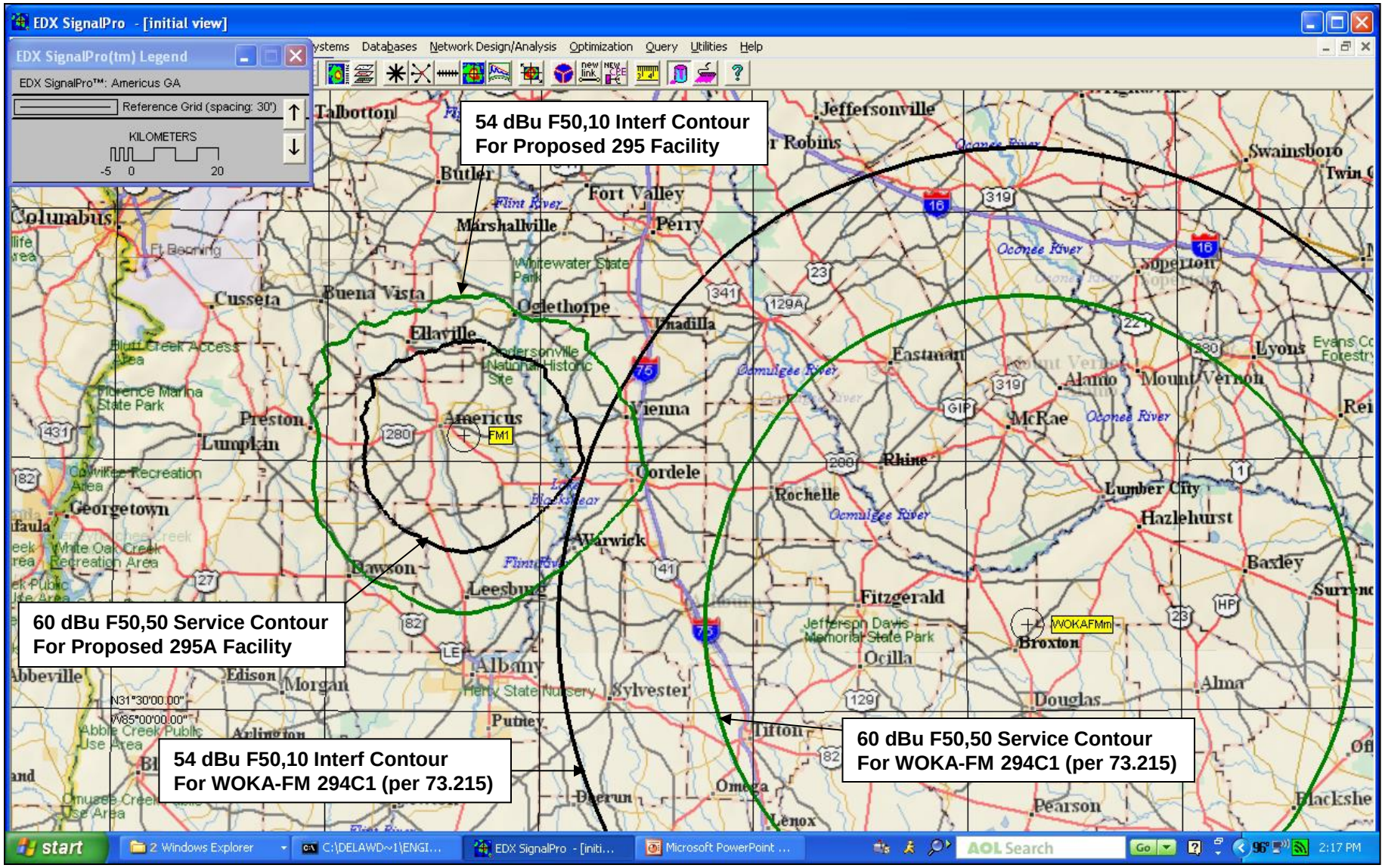

FIGURE E34-4: Americus, GA, 295A 100 dBu F50,10 Contour Based
Based on USGS 3 Arc-Second Terrain Database

DISTANCES TO CONTOURS (Kilometers):
Antenna COR elevation (AMSL): 190 mtrs Average HAAT: 70 mtrs
Frequency: 106.9000 MHz
Coordinates: N 32 3 6.00 W 84 10 42.00
F(50,10) Curves Number of Contours: 1 8

AZ (degs)	HAAT (m)	ERPd (kW)	CONTOUR LEVELS (dBu): 100.0
0.0	55	5.3000	2.1
1.0	55	5.3000	2.1
2.0	56	5.3000	2.2
3.0	55	5.3000	2.1
4.0	55	5.3000	2.1
5.0	55	5.3000	2.1
6.0	56	5.3000	2.2
7.0	58	5.3000	2.2
8.0	58	5.3000	2.2
9.0	58	5.3000	2.2
10.0	58	5.3000	2.2
11.0	58	5.3000	2.2
12.0	58	5.3000	2.2
13.0	57	5.3000	2.2
14.0	56	5.3000	2.2
15.0	56	5.3000	2.2
16.0	56	5.3000	2.2
17.0	56	5.3000	2.2
18.0	54	5.3000	2.1
19.0	53	5.3000	2.1
20.0	53	5.3000	2.1
21.0	52	5.3000	2.1
22.0	52	5.3000	2.1
23.0	52	5.3000	2.1
24.0	51	5.3000	2.1
25.0	50	5.3000	2.1
26.0	50	5.3000	2.1
27.0	51	5.3000	2.1
28.0	51	5.3000	2.1
29.0	51	5.3000	2.1
30.0	51	5.3000	2.1
31.0	52	5.3000	2.1
32.0	54	5.3000	2.1
33.0	55	5.3000	2.1
34.0	57	5.3000	2.2
35.0	57	5.3000	2.2
36.0	58	5.3000	2.2
37.0	59	5.3000	2.2
38.0	60	5.3000	2.2
39.0	61	5.3000	2.2
40.0	63	5.3000	2.2

41.0	64	5.3000	2.3
42.0	66	5.3000	2.3
43.0	65	5.3000	2.3
44.0	65	5.3000	2.3
45.0	66	5.3000	2.3
46.0	66	5.3000	2.3
47.0	69	5.3000	2.3
48.0	70	5.3000	2.3
49.0	71	5.3000	2.3
50.0	71	5.3000	2.3
51.0	69	5.3000	2.3
52.0	66	5.3000	2.3
53.0	64	5.3000	2.3
54.0	63	5.3000	2.2
55.0	62	5.3000	2.2
56.0	63	5.3000	2.2
57.0	65	5.3000	2.3
58.0	66	5.3000	2.3
59.0	65	5.3000	2.3
60.0	65	5.3000	2.3
61.0	66	5.3000	2.3
62.0	67	5.3000	2.3
63.0	69	5.3000	2.3
64.0	69	5.3000	2.3
65.0	69	5.3000	2.3
66.0	69	5.3000	2.3
67.0	70	5.3000	2.3
68.0	70	5.3000	2.3
69.0	71	5.3000	2.3
70.0	71	5.3000	2.3
71.0	71	5.3000	2.3
72.0	72	5.3000	2.3
73.0	73	5.3000	2.3
74.0	71	5.3000	2.3
75.0	71	5.3000	2.3
76.0	71	5.3000	2.3
77.0	73	5.3000	2.3
78.0	75	5.3000	2.4
79.0	77	5.3000	2.4
80.0	78	5.3000	2.4
81.0	79	5.3000	2.4
82.0	80	5.3000	2.4
83.0	80	5.3000	2.4
84.0	80	5.3000	2.4
85.0	81	5.3000	2.4
86.0	81	5.3000	2.4
87.0	81	5.3000	2.4
88.0	81	5.3000	2.4
89.0	82	5.3000	2.4
90.0	83	5.3000	2.5
91.0	83	5.3000	2.5
92.0	84	5.3000	2.5
93.0	85	5.3000	2.5
94.0	85	5.3000	2.5

95.0	86	5.3000	2.5
96.0	87	5.3000	2.5
97.0	88	5.3000	2.5
98.0	89	5.3000	2.5
99.0	91	5.3000	2.6
100.0	93	5.3000	2.6
101.0	95	5.3000	2.6
102.0	94	5.3000	2.6
103.0	94	5.3000	2.6
104.0	93	5.3000	2.6
105.0	93	5.3000	2.6
106.0	92	5.3000	2.6
107.0	91	5.3000	2.6
108.0	90	5.3000	2.6
109.0	89	5.3000	2.5
110.0	87	5.3000	2.5
111.0	86	5.3000	2.5
112.0	85	5.3000	2.5
113.0	85	5.3000	2.5
114.0	84	5.3000	2.5
115.0	83	5.3000	2.5
116.0	82	5.3000	2.4
117.0	81	5.3000	2.4
118.0	80	5.3000	2.4
119.0	79	5.3000	2.4
120.0	79	5.3000	2.4
121.0	78	5.3000	2.4
122.0	78	5.3000	2.4
123.0	78	5.3000	2.4
124.0	78	5.3000	2.4
125.0	77	5.3000	2.4
126.0	77	5.3000	2.4
127.0	77	5.3000	2.4
128.0	76	5.3000	2.4
129.0	76	5.3000	2.4
130.0	76	5.3000	2.4
131.0	76	5.3000	2.4
132.0	75	5.3000	2.4
133.0	75	5.3000	2.4
134.0	74	5.3000	2.4
135.0	74	5.3000	2.4
136.0	74	5.3000	2.4
137.0	74	5.3000	2.4
138.0	74	5.3000	2.4
139.0	74	5.3000	2.4
140.0	75	5.3000	2.4
141.0	75	5.3000	2.4
142.0	75	5.3000	2.4
143.0	75	5.3000	2.4
144.0	75	5.3000	2.4
145.0	75	5.3000	2.4
146.0	75	5.3000	2.4
147.0	74	5.3000	2.4
148.0	74	5.3000	2.4

149.0	74	5.3000	2.4
150.0	75	5.3000	2.4
151.0	75	5.3000	2.4
152.0	76	5.3000	2.4
153.0	76	5.3000	2.4
154.0	77	5.3000	2.4
155.0	77	5.3000	2.4
156.0	78	5.3000	2.4
157.0	79	5.3000	2.4
158.0	79	5.3000	2.4
159.0	80	5.3000	2.4
160.0	80	5.3000	2.4
161.0	80	5.3000	2.4
162.0	81	5.3000	2.4
163.0	82	5.3000	2.4
164.0	82	5.3000	2.5
165.0	82	5.3000	2.5
166.0	83	5.3000	2.5
167.0	83	5.3000	2.5
168.0	83	5.3000	2.5
169.0	83	5.3000	2.5
170.0	83	5.3000	2.5
171.0	83	5.3000	2.5
172.0	84	5.3000	2.5
173.0	84	5.3000	2.5
174.0	85	5.3000	2.5
175.0	86	5.3000	2.5
176.0	85	5.3000	2.5
177.0	86	5.3000	2.5
178.0	86	5.3000	2.5
179.0	86	5.3000	2.5
180.0	87	5.3000	2.5
181.0	86	5.3000	2.5
182.0	86	5.3000	2.5
183.0	86	5.3000	2.5
184.0	86	5.3000	2.5
185.0	85	5.3000	2.5
186.0	86	5.3000	2.5
187.0	86	5.3000	2.5
188.0	86	5.3000	2.5
189.0	86	5.3000	2.5
190.0	85	5.3000	2.5
191.0	84	5.3000	2.5
192.0	84	5.3000	2.5
193.0	84	5.3000	2.5
194.0	83	5.3000	2.5
195.0	82	5.3000	2.5
196.0	82	5.3000	2.4
197.0	81	5.3000	2.4
198.0	81	5.3000	2.4
199.0	80	5.3000	2.4
200.0	80	5.3000	2.4
201.0	79	5.3000	2.4
202.0	78	5.3000	2.4

203.0	77	5.3000	2.4
204.0	77	5.3000	2.4
205.0	77	5.3000	2.4
206.0	78	5.3000	2.4
207.0	79	5.3000	2.4
208.0	79	5.3000	2.4
209.0	80	5.3000	2.4
210.0	80	5.3000	2.4
211.0	80	5.3000	2.4
212.0	81	5.3000	2.4
213.0	81	5.3000	2.4
214.0	81	5.3000	2.4
215.0	80	5.3000	2.4
216.0	79	5.3000	2.4
217.0	79	5.3000	2.4
218.0	79	5.3000	2.4
219.0	79	5.3000	2.4
220.0	79	5.3000	2.4
221.0	79	5.3000	2.4
222.0	78	5.3000	2.4
223.0	78	5.3000	2.4
224.0	78	5.3000	2.4
225.0	78	5.3000	2.4
226.0	77	5.3000	2.4
227.0	77	5.3000	2.4
228.0	77	5.3000	2.4
229.0	77	5.3000	2.4
230.0	77	5.3000	2.4
231.0	76	5.3000	2.4
232.0	75	5.3000	2.4
233.0	75	5.3000	2.4
234.0	75	5.3000	2.4
235.0	76	5.3000	2.4
236.0	76	5.3000	2.4
237.0	77	5.3000	2.4
238.0	77	5.3000	2.4
239.0	77	5.3000	2.4
240.0	77	5.3000	2.4
241.0	77	5.3000	2.4
242.0	76	5.3000	2.4
243.0	75	5.3000	2.4
244.0	73	5.3000	2.4
245.0	72	5.3000	2.3
246.0	72	5.3000	2.3
247.0	71	5.3000	2.3
248.0	71	5.3000	2.3
249.0	71	5.3000	2.3
250.0	70	5.3000	2.3
251.0	70	5.3000	2.3
252.0	70	5.3000	2.3
253.0	69	5.3000	2.3
254.0	67	5.3000	2.3
255.0	67	5.3000	2.3
256.0	66	5.3000	2.3

257.0	66	5.3000	2.3
258.0	65	5.3000	2.3
259.0	64	5.3000	2.3
260.0	64	5.3000	2.3
261.0	63	5.3000	2.2
262.0	62	5.3000	2.2
263.0	62	5.3000	2.2
264.0	61	5.3000	2.2
265.0	61	5.3000	2.2
266.0	60	5.3000	2.2
267.0	60	5.3000	2.2
268.0	59	5.3000	2.2
269.0	59	5.3000	2.2
270.0	59	5.3000	2.2
271.0	59	5.3000	2.2
272.0	60	5.3000	2.2
273.0	61	5.3000	2.2
274.0	61	5.3000	2.2
275.0	62	5.3000	2.2
276.0	63	5.3000	2.2
277.0	64	5.3000	2.3
278.0	66	5.3000	2.3
279.0	68	5.3000	2.3
280.0	69	5.3000	2.3
281.0	68	5.3000	2.3
282.0	66	5.3000	2.3
283.0	65	5.3000	2.3
284.0	64	5.3000	2.3
285.0	64	5.3000	2.3
286.0	65	5.3000	2.3
287.0	66	5.3000	2.3
288.0	66	5.3000	2.3
289.0	66	5.3000	2.3
290.0	66	5.3000	2.3
291.0	63	5.3000	2.2
292.0	62	5.3000	2.2
293.0	61	5.3000	2.2
294.0	61	5.3000	2.2
295.0	62	5.3000	2.2
296.0	64	5.3000	2.2
297.0	65	5.3000	2.3
298.0	67	5.3000	2.3
299.0	69	5.3000	2.3
300.0	73	5.3000	2.3
301.0	75	5.3000	2.4
302.0	76	5.3000	2.4
303.0	75	5.3000	2.4
304.0	73	5.3000	2.4
305.0	71	5.3000	2.3
306.0	68	5.3000	2.3
307.0	67	5.3000	2.3
308.0	66	5.3000	2.3
309.0	64	5.3000	2.3
310.0	64	5.3000	2.3

311.0	64	5.3000	2.3
312.0	65	5.3000	2.3
313.0	66	5.3000	2.3
314.0	66	5.3000	2.3
315.0	65	5.3000	2.3
316.0	65	5.3000	2.3
317.0	65	5.3000	2.3
318.0	65	5.3000	2.3
319.0	62	5.3000	2.2
320.0	59	5.3000	2.2
321.0	57	5.3000	2.2
322.0	56	5.3000	2.2
323.0	56	5.3000	2.2
324.0	56	5.3000	2.2
325.0	55	5.3000	2.1
326.0	55	5.3000	2.1
327.0	55	5.3000	2.1
328.0	56	5.3000	2.2
329.0	56	5.3000	2.2
330.0	56	5.3000	2.2
331.0	56	5.3000	2.2
332.0	55	5.3000	2.1
333.0	54	5.3000	2.1
334.0	53	5.3000	2.1
335.0	52	5.3000	2.1
336.0	52	5.3000	2.1
337.0	52	5.3000	2.1
338.0	52	5.3000	2.1
339.0	52	5.3000	2.1
340.0	51	5.3000	2.1
341.0	50	5.3000	2.0
342.0	50	5.3000	2.0
343.0	50	5.3000	2.1
344.0	52	5.3000	2.1
345.0	52	5.3000	2.1
346.0	53	5.3000	2.1
347.0	54	5.3000	2.1
348.0	53	5.3000	2.1
349.0	53	5.3000	2.1
350.0	54	5.3000	2.1
351.0	54	5.3000	2.1
352.0	55	5.3000	2.1
353.0	55	5.3000	2.1
354.0	56	5.3000	2.2
355.0	55	5.3000	2.1
356.0	55	5.3000	2.1
357.0	54	5.3000	2.1
358.0	55	5.3000	2.1
359.0	55	5.3000	2.1

FIGURE E34-5: WZIQ, Smithville, GA, 293A Lic 60 dBu F50,50 Contour Based
Based on USGS 3 Arc-Second Terrain Database

DISTANCES TO CONTOURS (Kilometers):
Antenna COR elevation (AMSL): 187 mtrs Average HAAT: 97 mtrs
Frequency: 106.5000 MHz
Coordinates: N 31 47 59.00 W 84 14 54.00
F(50,50) Curves Number of Contours: 1 8

AZ (degs)	HAAT (m)	ERPd (kW)	CONTOUR LEVELS (dBu): 60.0
0.0	85	6.0000	26.3
1.0	85	6.0000	26.2
2.0	85	6.0000	26.2
3.0	85	6.0000	26.1
4.0	84	6.0000	26.1
5.0	84	6.0000	26.1
6.0	84	6.0000	26.1
7.0	84	6.0000	26.1
8.0	84	6.0000	26.0
9.0	83	6.0000	26.0
10.0	83	6.0000	25.9
11.0	83	6.0000	25.9
12.0	83	6.0000	25.9
13.0	84	6.0000	26.0
14.0	85	6.0000	26.2
15.0	86	6.0000	26.3
16.0	87	6.0000	26.4
17.0	87	6.0000	26.5
18.0	88	6.0000	26.7
19.0	88	6.0000	26.7
20.0	89	6.0000	26.7
21.0	89	6.0000	26.8
22.0	90	6.0000	26.9
23.0	91	6.0000	27.0
24.0	92	6.0000	27.2
25.0	92	6.0000	27.2
26.0	92	6.0000	27.2
27.0	93	6.0000	27.4
28.0	94	6.0000	27.5
29.0	93	6.0000	27.4
30.0	93	6.0000	27.4
31.0	93	6.0000	27.3
32.0	93	6.0000	27.3
33.0	93	6.0000	27.3
34.0	93	6.0000	27.3
35.0	93	6.0000	27.4
36.0	93	6.0000	27.4
37.0	93	6.0000	27.4
38.0	94	6.0000	27.4

39.0	94	6.0000	27.4
40.0	94	6.0000	27.5
41.0	94	6.0000	27.5
42.0	95	6.0000	27.6
43.0	95	6.0000	27.7
44.0	96	6.0000	27.7
45.0	96	6.0000	27.8
46.0	97	6.0000	27.9
47.0	97	6.0000	27.9
48.0	98	6.0000	28.0
49.0	98	6.0000	28.0
50.0	98	6.0000	28.0
51.0	98	6.0000	28.1
52.0	99	6.0000	28.1
53.0	99	6.0000	28.2
54.0	100	6.0000	28.2
55.0	100	6.0000	28.2
56.0	100	6.0000	28.2
57.0	100	6.0000	28.3
58.0	101	6.0000	28.4
59.0	101	6.0000	28.4
60.0	101	6.0000	28.4
61.0	100	6.0000	28.3
62.0	100	6.0000	28.4
63.0	101	6.0000	28.4
64.0	100	6.0000	28.3
65.0	100	6.0000	28.2
66.0	99	6.0000	28.2
67.0	99	6.0000	28.2
68.0	99	6.0000	28.2
69.0	99	6.0000	28.1
70.0	98	6.0000	28.0
71.0	98	6.0000	28.0
72.0	99	6.0000	28.1
73.0	99	6.0000	28.2
74.0	100	6.0000	28.2
75.0	100	6.0000	28.2
76.0	99	6.0000	28.2
77.0	100	6.0000	28.3
78.0	100	6.0000	28.3
79.0	101	6.0000	28.4
80.0	102	6.0000	28.5
81.0	102	6.0000	28.6
82.0	103	6.0000	28.6
83.0	103	6.0000	28.6
84.0	102	6.0000	28.6
85.0	102	6.0000	28.6
86.0	102	6.0000	28.6
87.0	102	6.0000	28.5
88.0	102	6.0000	28.6
89.0	103	6.0000	28.6
90.0	103	6.0000	28.7

91.0	104	6.0000	28.7
92.0	104	6.0000	28.8
93.0	105	6.0000	28.9
94.0	105	6.0000	28.9
95.0	105	6.0000	29.0
96.0	105	6.0000	29.0
97.0	106	6.0000	29.0
98.0	105	6.0000	29.0
99.0	106	6.0000	29.0
100.0	106	6.0000	29.0
101.0	106	6.0000	29.0
102.0	105	6.0000	29.0
103.0	105	6.0000	29.0
104.0	105	6.0000	29.0
105.0	105	6.0000	29.0
106.0	106	6.0000	29.1
107.0	107	6.0000	29.2
108.0	107	6.0000	29.2
109.0	106	6.0000	29.1
110.0	106	6.0000	29.1
111.0	107	6.0000	29.1
112.0	107	6.0000	29.2
113.0	108	6.0000	29.3
114.0	108	6.0000	29.4
115.0	109	6.0000	29.4
116.0	110	6.0000	29.5
117.0	110	6.0000	29.6
118.0	111	6.0000	29.6
119.0	111	6.0000	29.7
120.0	111	6.0000	29.7
121.0	111	6.0000	29.7
122.0	112	6.0000	29.8
123.0	112	6.0000	29.8
124.0	113	6.0000	29.9
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126.0	114	6.0000	30.0
127.0	114	6.0000	30.0
128.0	114	6.0000	30.0
129.0	113	6.0000	30.0
130.0	113	6.0000	30.0
131.0	114	6.0000	30.0
132.0	114	6.0000	30.1
133.0	115	6.0000	30.1
134.0	115	6.0000	30.1
135.0	115	6.0000	30.2
136.0	115	6.0000	30.2
137.0	116	6.0000	30.3
138.0	116	6.0000	30.3
139.0	116	6.0000	30.3
140.0	116	6.0000	30.3
141.0	117	6.0000	30.4
142.0	117	6.0000	30.4

143.0	117	6.0000	30.4
144.0	117	6.0000	30.4
145.0	117	6.0000	30.4
146.0	117	6.0000	30.4
147.0	117	6.0000	30.4
148.0	117	6.0000	30.4
149.0	117	6.0000	30.4
150.0	117	6.0000	30.4
151.0	117	6.0000	30.4
152.0	118	6.0000	30.5
153.0	119	6.0000	30.6
154.0	118	6.0000	30.5
155.0	117	6.0000	30.4
156.0	116	6.0000	30.3
157.0	115	6.0000	30.2
158.0	115	6.0000	30.1
159.0	114	6.0000	30.1
160.0	114	6.0000	30.0
161.0	114	6.0000	30.0
162.0	113	6.0000	30.0
163.0	113	6.0000	29.9
164.0	113	6.0000	29.9
165.0	112	6.0000	29.8
166.0	112	6.0000	29.8
167.0	112	6.0000	29.8
168.0	112	6.0000	29.8
169.0	112	6.0000	29.8
170.0	112	6.0000	29.8
171.0	112	6.0000	29.8
172.0	112	6.0000	29.8
173.0	112	6.0000	29.8
174.0	112	6.0000	29.7
175.0	111	6.0000	29.7
176.0	111	6.0000	29.7
177.0	111	6.0000	29.7
178.0	110	6.0000	29.6
179.0	110	6.0000	29.6
180.0	110	6.0000	29.6
181.0	110	6.0000	29.6
182.0	110	6.0000	29.5
183.0	109	6.0000	29.4
184.0	109	6.0000	29.4
185.0	109	6.0000	29.4
186.0	109	6.0000	29.4
187.0	109	6.0000	29.4
188.0	108	6.0000	29.4
189.0	108	6.0000	29.4
190.0	108	6.0000	29.4
191.0	108	6.0000	29.3
192.0	108	6.0000	29.3
193.0	108	6.0000	29.3
194.0	107	6.0000	29.2

195.0	107	6.0000	29.2
196.0	107	6.0000	29.2
197.0	106	6.0000	29.1
198.0	106	6.0000	29.0
199.0	105	6.0000	28.9
200.0	104	6.0000	28.8
201.0	104	6.0000	28.8
202.0	103	6.0000	28.7
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204.0	102	6.0000	28.6
205.0	102	6.0000	28.6
206.0	101	6.0000	28.5
207.0	101	6.0000	28.4
208.0	100	6.0000	28.3
209.0	99	6.0000	28.2
210.0	98	6.0000	28.1
211.0	98	6.0000	28.0
212.0	98	6.0000	28.0
213.0	97	6.0000	27.9
214.0	97	6.0000	27.9
215.0	97	6.0000	27.8
216.0	97	6.0000	27.8
217.0	96	6.0000	27.8
218.0	96	6.0000	27.8
219.0	95	6.0000	27.7
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221.0	94	6.0000	27.5
222.0	94	6.0000	27.5
223.0	94	6.0000	27.5
224.0	94	6.0000	27.5
225.0	94	6.0000	27.5
226.0	94	6.0000	27.5
227.0	94	6.0000	27.5
228.0	94	6.0000	27.5
229.0	95	6.0000	27.5
230.0	95	6.0000	27.7
231.0	96	6.0000	27.7
232.0	96	6.0000	27.7
233.0	96	6.0000	27.7
234.0	95	6.0000	27.6
235.0	95	6.0000	27.6
236.0	94	6.0000	27.5
237.0	94	6.0000	27.4
238.0	93	6.0000	27.4
239.0	93	6.0000	27.3
240.0	93	6.0000	27.3
241.0	92	6.0000	27.2
242.0	92	6.0000	27.3
243.0	92	6.0000	27.3
244.0	92	6.0000	27.3
245.0	92	6.0000	27.2
246.0	92	6.0000	27.2

247.0	92	6.0000	27.2
248.0	92	6.0000	27.2
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250.0	91	6.0000	27.1
251.0	90	6.0000	27.0
252.0	90	6.0000	26.9
253.0	90	6.0000	26.9
254.0	90	6.0000	26.8
255.0	89	6.0000	26.8
256.0	88	6.0000	26.7
257.0	88	6.0000	26.7
258.0	88	6.0000	26.7
259.0	88	6.0000	26.7
260.0	88	6.0000	26.6
261.0	87	6.0000	26.5
262.0	87	6.0000	26.5
263.0	87	6.0000	26.5
264.0	87	6.0000	26.5
265.0	87	6.0000	26.5
266.0	87	6.0000	26.5
267.0	86	6.0000	26.4
268.0	86	6.0000	26.3
269.0	85	6.0000	26.2
270.0	84	6.0000	26.0
271.0	83	6.0000	25.9
272.0	83	6.0000	25.9
273.0	82	6.0000	25.8
274.0	82	6.0000	25.7
275.0	81	6.0000	25.7
276.0	81	6.0000	25.6
277.0	81	6.0000	25.6
278.0	81	6.0000	25.6
279.0	81	6.0000	25.6
280.0	80	6.0000	25.5
281.0	79	6.0000	25.3
282.0	78	6.0000	25.2
283.0	77	6.0000	25.1
284.0	77	6.0000	25.0
285.0	77	6.0000	25.1
286.0	78	6.0000	25.2
287.0	79	6.0000	25.3
288.0	79	6.0000	25.4
289.0	80	6.0000	25.5
290.0	81	6.0000	25.6
291.0	83	6.0000	25.8
292.0	84	6.0000	26.1
293.0	84	6.0000	26.1
294.0	84	6.0000	26.0
295.0	83	6.0000	26.0
296.0	84	6.0000	26.0
297.0	84	6.0000	26.0
298.0	84	6.0000	26.0

299.0	84	6.0000	26.1
300.0	85	6.0000	26.2
301.0	86	6.0000	26.4
302.0	87	6.0000	26.4
303.0	87	6.0000	26.5
304.0	87	6.0000	26.6
305.0	87	6.0000	26.5
306.0	87	6.0000	26.4
307.0	87	6.0000	26.4
308.0	87	6.0000	26.6
309.0	88	6.0000	26.7
310.0	89	6.0000	26.8
311.0	90	6.0000	26.9
312.0	91	6.0000	27.0
313.0	92	6.0000	27.2
314.0	93	6.0000	27.4
315.0	93	6.0000	27.3
316.0	93	6.0000	27.3
317.0	93	6.0000	27.3
318.0	92	6.0000	27.2
319.0	91	6.0000	27.1
320.0	91	6.0000	27.0
321.0	91	6.0000	27.0
322.0	90	6.0000	27.0
323.0	90	6.0000	26.9
324.0	90	6.0000	26.9
325.0	90	6.0000	26.9
326.0	90	6.0000	26.9
327.0	90	6.0000	26.9
328.0	90	6.0000	26.9
329.0	91	6.0000	27.0
330.0	92	6.0000	27.2
331.0	94	6.0000	27.4
332.0	94	6.0000	27.4
333.0	93	6.0000	27.3
334.0	92	6.0000	27.3
335.0	91	6.0000	27.1
336.0	91	6.0000	27.0
337.0	90	6.0000	27.0
338.0	90	6.0000	26.9
339.0	89	6.0000	26.8
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342.0	88	6.0000	26.7
343.0	88	6.0000	26.6
344.0	88	6.0000	26.6
345.0	87	6.0000	26.5
346.0	87	6.0000	26.5
347.0	87	6.0000	26.5
348.0	87	6.0000	26.5
349.0	87	6.0000	26.4
350.0	87	6.0000	26.4

351.0	86	6.0000	26.4
352.0	86	6.0000	26.4
353.0	86	6.0000	26.3
354.0	86	6.0000	26.3
355.0	85	6.0000	26.3
356.0	86	6.0000	26.3
357.0	86	6.0000	26.4
358.0	86	6.0000	26.3
359.0	86	6.0000	26.3