

**AMEND BPH-20090417AJP**  
**GEORGIA EAGLE BROADCASTING, INC.**  
**WDXQ-FM RADIO STATION**  
**CH 298A - 107.5 MHZ - 4.0 KW (DA)**  
**COCHRAN, GEORGIA**  
**June 2009**

**EXHIBIT C**

The proposed WDXQ-FM antenna location will be shortspaced to one authorized facility: WCGQ, Channel 297C0, Columbus, Georgia. The detailed spacing information is shown on Exhibit C1. GEB proposes to use the provisions of §73.215 of the Commission's rules to address this shortspaced situation. The shortage to WCGQ complies with §73.215(e) of the Commission's rules.

Exhibit C2 specifically demonstrates that there will be no prohibited overlap between the proposed WDXQ-FM and the licensed WCGQ. The contours of the WCGQ facility are based on a maximum Class C0 facility.<sup>1</sup> Attached as Exhibits C3 and C4 are the tabulated distances to the protected and interfering contours, along the pertinent arcs, of the proposed WDXQ-FM and licensed WCGQ. Further, attached as Exhibit C5 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

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1) The center of radiation of WCGQ was raised to bring the height above average terrain to 450 meters for the §73.215 review.

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**EXHIBIT C1**

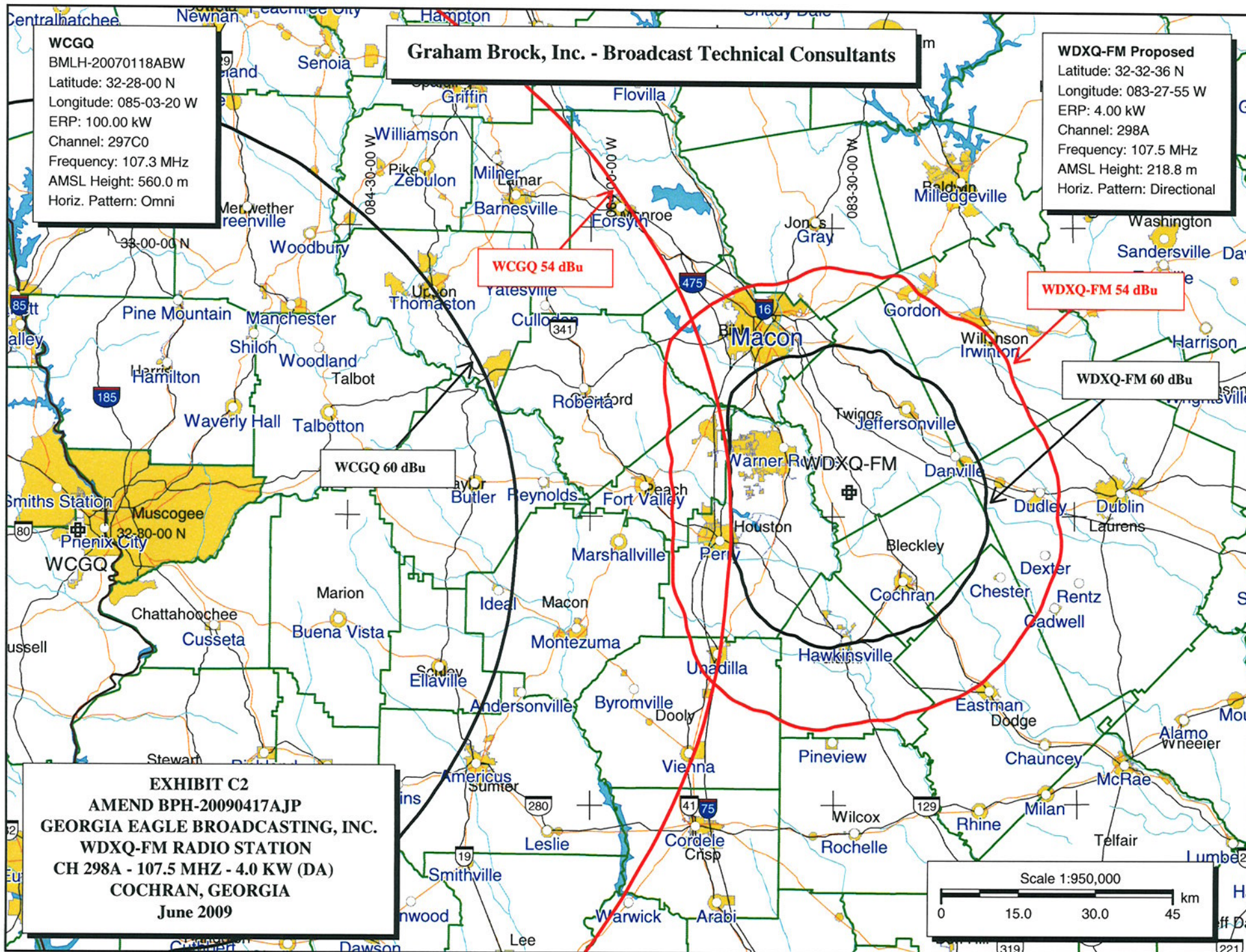
Clearance study for WDXQ-FM Cochran, Georgia  
Using proposed site as reference

REFERENCE	CLASS = A	DISPLAY DATES
32 32 36.0 N.		DATA 06-22-09
83 27 55.0 W.	Current Spacings to 3rd Adj.	SEARCH 06-22-09
----- Channel 298 - 107.5 MHz -----		

Call Lat.	Channel Lng.	Location Ant	Power	Azi HAAT	Dist	FCC	Margin
WDXQ-FM	LIC-Z 244A 32 24 43.0	Cochran 83 21 42.0	GA 146.3 ZC 6.000 kW	17.5	10.0	7.5	
	Georgia Eagle Broadcasting		BLH-20000515ADJ	98 M			
WDXQ-FM	APP-N 298A 32 24 43.0	Cochran 83 21 42.0	GA 146.3 NCX 2.800 kW	17.5	115.0	-97.5	
	Georgia Eagle Broadcasting		BPH-20090417AJP	101 M			
* WCGQ	LIC 297C0 32 28 00.0	Columbus 85 03 20.0	GA 267.2 C 100.000 kW	149.7	152.0	-2.3	
	FMB Broadcasting, LLC		BMLH-20070118ABW	308 M			
WAMJ	CP -Z 298C2 33 55 00.0	Roswell 84 12 04.0	GA 336.1 ZCX 45.000 kW	167.0	166.0	1.0	
	ROA Licenses, LLC		BMPH-20081110AGN	158 M			
WFXM	LIC 296A 32 50 55.0	Gordon 83 28 29.0	GA 358.5 C 3.000 kW	33.9	31.0	2.9	
	WFXM-FM Radio, LLC		BLH-20061016AEC	142 M			
WTIF-FM	LIC-N 298A 31 27 17.0	Omega 83 33 37.0	GA 184.3 NCX 4.000 kW	121.0	115.0	6.0	
	Three Trees Communications		BLH-20051202AAT	122 M			
WDBN	LIC 300C3 32 37 05.0	Wrightsville 82 46 05.0	GA 82.6 CX 25.000 kW	66.0	42.0	24.0	
	Dowdy Partners		BLH-20081217AAH	100 M			
WAMJ	LIC 298C3 33 55 54.0	Roswell 84 20 43.0	GA 332.3 CX 21.500 kW	174.5	142.0	32.5	
	ROA Licenses, LLC		BLH-20051007ACN	110 M			
WEGC	LIC-N 299C3 31 38 42.0	Sasser 84 21 15.0	GA 220.2 NCN 11.500 kW	130.2	89.0	41.2	
	Cumulus Licensing LLC		BLH-19950825KC	95 M			
AL5214	VAC 245A 32 31 32.0	Reynolds 84 07 15.0	GA 268.3 6.000 kW	61.6	10.0	51.6	
	Fort Valley State University		RM-10107	100 M			
WPRW-FM	LIC-N 299C2 33 36 47.0	Martinez 82 17 51.0	GA 42.1 NCN 24.500 kW	161.1	106.0	55.1	
	Capstar TX Limited Partner		BLH-19940421KB	176 M			

\* Note : This shortage is addressed pursuant to \$73,215. See Exhibit C for details.







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**June 2009**

**EXHIBIT C3**

WDXQ - Proposed  
Channel = 298A  
Max ERP = 4 kW  
RCAMSL = 218.8 M  
N. Lat = 32 32 36  
W. Lng = 83 27 55

WCGQ - BMLH-20070118ABW  
Channel = 297C0  
Max ERP = 100 kW  
RCAMSL = 560 M  
N. Lat = 32 28 00  
W. Lng = 85 03 20

Protected  
60 dBu

Interfering  
54 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
237.0	002.7093	0122.3	025.9	092.2	100.0000	0471.5	127.9	53.6
238.0	002.6374	0123.7	025.9	092.0	100.0000	0471.5	127.7	53.7
239.0	002.5664	0125.0	025.8	091.8	100.0000	0471.5	127.5	53.7
240.0	002.4964	0126.3	025.7	091.6	100.0000	0471.5	127.3	53.8
241.0	002.4211	0127.4	025.7	091.4	100.0000	0472.4	127.2	53.8
242.0	002.3470	0128.1	025.5	091.2	100.0000	0472.4	127.0	53.9
243.0	002.2741	0128.4	025.4	091.0	100.0000	0472.4	126.9	53.9
244.0	002.2023	0128.3	025.2	090.8	100.0000	0472.4	126.9	53.9
245.0	002.1316	0128.1	025.0	090.6	100.0000	0472.4	126.9	53.9
246.0	002.0621	0128.0	024.8	090.4	100.0000	0473.4	126.9	53.9
247.0	001.9937	0128.2	024.6	090.1	100.0000	0473.4	126.8	53.9
248.0	001.9265	0128.5	024.5	089.9	100.0000	0473.4	126.8	53.9
249.0	001.8605	0129.1	024.3	089.7	100.0000	0473.4	126.8	54.0
250.0	001.7956	0129.5	024.2	089.5	100.0000	0473.4	126.8	54.0
251.0	001.7636	0129.8	024.1	089.3	100.0000	0473.4	126.7	54.0
252.0	001.7319	0129.8	024.0	089.1	100.0000	0473.4	126.7	54.0
253.0	001.7004	0129.5	023.9	088.9	100.0000	0473.4	126.7	54.0
254.0	001.6693	0129.1	023.7	088.7	100.0000	0473.4	126.7	54.0
255.0	001.6384	0128.5	023.6	088.6	100.0000	0473.4	126.7	54.0
256.0	001.6078	0127.9	023.4	088.4	100.0000	0473.2	126.8	54.0
257.0	001.5775	0127.8	023.3	088.2	100.0000	0473.2	126.8	54.0
258.0	001.5475	0128.1	023.3	088.0	100.0000	0473.2	126.8	54.0
259.0	001.5178	0128.7	023.2	087.8	100.0000	0473.2	126.8	54.0
260.0	001.4884	0129.3	023.1	087.6	100.0000	0473.2	126.8	54.0
261.0	001.4884	0129.7	023.2	087.4	100.0000	0473.2	126.7	54.0
262.0	001.4884	0129.6	023.2	087.2	100.0000	0473.2	126.6	54.0
263.0	001.4884	0129.2	023.1	087.1	100.0000	0473.2	126.6	54.0
264.0	001.4884	0128.6	023.1	086.9	100.0000	0473.2	126.6	54.0
265.0	001.4884	0127.9	023.0	086.7	100.0000	0473.2	126.7	54.0
266.0	001.4884	0127.1	023.0	086.5	100.0000	0473.2	126.7	54.0
267.0	001.4884	0126.2	022.9	086.3	100.0000	0473.7	126.8	54.0
268.0	001.4884	0125.2	022.8	086.1	100.0000	0473.7	126.9	53.9
269.0	001.4884	0124.3	022.8	086.0	100.0000	0473.7	126.9	53.9
270.0	001.4884	0124.5	022.8	085.8	100.0000	0473.7	126.9	53.9

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**June 2009**

**EXHIBIT C3 (continued)**

WDXQ - Proposed  
Channel = 298A  
Max ERP = 4 kW  
RCAMSL = 218.8 M  
N. Lat = 32 32 36  
W. Lng = 83 27 55

WCGQ - BMLH-20070118ABW  
Channel = 297C0  
Max ERP = 100 kW  
RCAMSL = 560 M  
N. Lat = 32 28 00  
W. Lng = 85 03 20

Protected  
60 dBu

Interfering  
54 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
271.0	001.5031	0125.1	022.9	085.6	100.0000	0473.7	126.9	53.9
272.0	001.5178	0125.7	023.0	085.4	100.0000	0474.3	126.8	54.0
273.0	001.5326	0126.2	023.1	085.2	100.0000	0474.3	126.8	54.0
274.0	001.5475	0126.5	023.1	085.0	100.0000	0474.3	126.8	54.0
275.0	001.5625	0126.6	023.2	084.9	100.0000	0474.3	126.8	54.0
276.0	001.5775	0126.6	023.3	084.7	100.0000	0474.3	126.8	54.0
277.0	001.5926	0126.4	023.3	084.5	100.0000	0474.8	126.8	54.0
278.0	001.6078	0125.8	023.3	084.3	100.0000	0474.8	126.9	54.0
279.0	001.6231	0125.0	023.3	084.1	100.0000	0474.8	127.0	53.9
280.0	001.6384	0124.5	023.3	083.9	100.0000	0474.8	127.1	53.9
281.0	001.6564	0125.0	023.4	083.8	100.0000	0474.8	127.1	53.9
282.0	001.6744	0126.5	023.6	083.6	100.0000	0474.8	127.1	53.9
283.0	001.6926	0128.3	023.8	083.4	100.0000	0475.0	127.0	53.9
284.0	001.7109	0130.5	024.0	083.1	100.0000	0475.0	126.9	54.0
285.0	001.7292	0132.4	024.2	082.9	100.0000	0475.0	126.9	54.0
286.0	001.7477	0133.8	024.4	082.7	100.0000	0475.0	126.9	54.0
287.0	001.7662	0134.5	024.5	082.5	100.0000	0475.0	127.0	54.0
288.0	001.7849	0134.5	024.5	082.3	100.0000	0474.3	127.1	53.9
289.0	001.8036	0134.1	024.6	082.2	100.0000	0474.3	127.2	53.9
290.0	001.8225	0133.3	024.6	082.0	100.0000	0474.3	127.4	53.8
291.0	001.9083	0132.6	024.7	081.8	100.0000	0474.3	127.5	53.8
292.0	001.9960	0131.9	024.9	081.6	100.0000	0474.3	127.5	53.8
293.0	002.0857	0131.4	025.1	081.3	100.0000	0473.7	127.5	53.8
294.0	002.1774	0131.1	025.4	081.1	100.0000	0473.7	127.6	53.8
295.0	002.2710	0131.2	025.6	080.9	100.0000	0473.7	127.6	53.8
296.0	002.3667	0132.1	025.9	080.6	100.0000	0473.7	127.6	53.8
297.0	002.4643	0133.3	026.2	080.4	100.0000	0472.9	127.6	53.7



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**June 2009**

**EXHIBIT C4**

WCGQ - BMLH-20070118ABW  
Channel = 297C0  
Max ERP = 100 kW  
RCAMSL = 560 M  
N. Lat = 32 28 00  
W. Lng = 85 03 20

WDXQ - Proposed  
Channel = 298A  
Max ERP = 4 kW  
RCAMSL = 218.8 M  
N. Lat = 32 32 36  
W. Lng = 83 27 55

Protected  
60 dBu

Interfering  
54 dBu

**30 Second terrain database**

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
070.0	100.0000	0464.7	084.5	286.5	001.7579	0134.5	072.8	40.4
071.0	100.0000	0465.7	084.5	285.6	001.7407	0133.8	071.9	40.6
072.0	100.0000	0466.8	084.6	284.7	001.7229	0132.4	071.0	40.7
073.0	100.0000	0467.8	084.7	283.7	001.7045	0130.5	070.2	40.8
074.0	100.0000	0468.5	084.7	282.6	001.6855	0128.3	069.4	40.9
075.0	100.0000	0469.3	084.8	281.5	001.6659	0126.5	068.7	41.0
076.0	100.0000	0470.3	084.9	280.4	001.6460	0124.5	068.0	41.0
077.0	100.0000	0471.1	084.9	279.3	001.6274	0125.0	067.4	41.2
078.0	100.0000	0471.9	085.0	278.1	001.6095	0125.8	066.8	41.4
079.0	100.0000	0472.5	085.0	276.9	001.5912	0126.4	066.3	41.5
080.0	100.0000	0472.9	085.0	275.7	001.5725	0126.6	065.9	41.6
081.0	100.0000	0473.7	085.1	274.4	001.5538	0126.5	065.5	41.7
082.0	100.0000	0474.3	085.1	273.1	001.5348	0126.2	065.1	41.7
083.0	100.0000	0475.0	085.2	271.9	001.5156	0125.7	064.9	41.8
084.0	100.0000	0474.8	085.2	270.5	001.4963	0125.1	064.7	41.7
085.0	100.0000	0474.3	085.1	269.2	001.4884	0124.3	064.6	41.7
086.0	100.0000	0473.7	085.1	267.9	001.4884	0125.2	064.6	41.7
087.0	100.0000	0473.2	085.0	266.6	001.4884	0126.2	064.6	41.8
088.0	100.0000	0473.2	085.1	265.3	001.4884	0127.9	064.7	41.9
089.0	100.0000	0473.4	085.1	263.9	001.4884	0128.6	064.8	41.9
090.0	100.0000	0473.4	085.1	262.6	001.4884	0129.2	064.9	41.8
091.0	100.0000	0472.4	085.0	261.3	001.4884	0129.7	065.2	41.8
092.0	100.0000	0471.5	084.9	260.1	001.4884	0129.3	065.6	41.6
093.0	100.0000	0470.5	084.9	258.8	001.5231	0128.7	066.0	41.6
094.0	100.0000	0470.0	084.8	257.6	001.5598	0128.1	066.4	41.5
095.0	100.0000	0470.2	084.9	256.4	001.5965	0127.9	066.9	41.4
096.0	100.0000	0470.5	084.9	255.2	001.6330	0128.5	067.4	41.4
097.0	100.0000	0470.8	084.9	254.0	001.6691	0129.1	067.9	41.4
098.0	100.0000	0471.5	084.9	252.8	001.7051	0129.5	068.5	41.3
099.0	100.0000	0472.3	085.0	251.7	001.7406	0129.8	069.1	41.2
100.0	100.0000	0473.1	085.0	250.6	001.7755	0129.8	069.8	41.1
101.0	100.0000	0473.5	085.1	249.6	001.8234	0129.5	070.5	41.0
102.0	100.0000	0473.5	085.1	248.6	001.8895	0129.1	071.3	40.8
103.0	100.0000	0473.5	085.1	247.6	001.9545	0128.5	072.2	40.7
104.0	100.0000	0473.5	085.1	246.6	002.0181	0128.2	073.1	40.5
105.0	100.0000	0473.8	085.1	245.7	002.0809	0128.0	074.0	40.4
106.0	100.0000	0474.2	085.1	244.8	002.1425	0128.1	075.0	40.2
107.0	100.0000	0474.6	085.1	244.0	002.2023	0128.3	075.9	40.1
108.0	100.0000	0474.5	085.1	243.2	002.2593	0128.4	077.0	39.9
109.0	100.0000	0474.1	085.1	242.5	002.3137	0128.1	078.1	39.6
110.0	100.0000	0473.7	085.1	241.7	002.3662	0128.1	079.2	39.4

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**EXHIBIT C5**

Predicted contour:

N. Lat. = 32 32 36 - Tabulated Protected and Interfering Contour Data  
W. Lng. = 83 27 55 - WDXQ-FM Radio station - Cochran, Georgia

HAAT and Distance to Contour - NGDC 30 Second terrain database

Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	116.7	4.0000	6.02	1.000	27.69	83.16	42.39	2.61
010	113.7	4.0000	6.02	1.000	27.39	82.68	41.94	2.58
020	104.4	4.0000	6.02	1.000	26.36	81.11	40.33	2.50
030	98.1	4.0000	6.02	1.000	25.60	79.99	39.09	2.44
040	105.9	4.0000	6.02	1.000	26.53	81.37	40.60	2.51
050	102.0	4.0000	6.02	1.000	26.08	80.69	39.86	2.47
060	93.4	4.0000	6.02	1.000	25.02	79.14	38.12	2.40
070	94.0	4.0000	6.02	1.000	25.10	79.25	38.25	2.40
080	101.6	4.0000	6.02	1.000	26.03	80.62	39.79	2.47
090	106.6	4.0000	6.02	1.000	26.62	81.49	40.73	2.52
100	110.9	4.0000	6.02	1.000	27.09	82.21	41.48	2.56
110	119.7	4.0000	6.02	1.000	27.98	83.63	42.83	2.63
120	122.9	4.0000	6.02	1.000	28.28	84.13	43.26	2.65
130	124.8	4.0000	6.02	1.000	28.45	84.43	43.52	2.66
140	131.2	4.0000	6.02	1.000	29.05	85.41	44.36	2.71
150	133.9	4.0000	6.02	1.000	29.31	85.82	44.71	2.73
160	130.2	4.0000	6.02	1.000	28.95	85.26	44.22	2.70
170	132.1	4.0000	6.02	1.000	29.13	85.54	44.47	2.72
180	133.4	4.0000	6.02	1.000	29.26	85.75	44.65	2.73
190	145.4	4.0000	6.02	1.000	30.41	87.49	46.18	2.82
200	138.3	4.0000	6.02	1.000	29.72	86.46	45.27	2.76
210	142.4	4.0000	6.02	1.000	30.12	87.06	45.80	2.79
220	132.8	4.0000	6.02	1.000	29.20	85.66	44.57	2.72
230	123.1	3.2400	5.11	0.900	27.01	81.03	41.17	2.49
240	126.3	2.4964	3.97	0.790	25.75	77.68	39.03	2.32
250	129.5	1.7956	2.54	0.670	24.17	73.44	36.36	2.11
260	129.4	1.4884	1.73	0.610	23.16	70.77	34.64	1.98
270	124.7	1.4884	1.73	0.610	22.80	70.00	34.04	1.96
280	124.8	1.6384	2.14	0.640	23.32	71.37	34.92	2.02
290	133.5	1.8225	2.61	0.675	24.57	74.31	37.00	2.14
300	136.4	2.7689	4.42	0.832	27.20	80.78	41.32	2.45
310	137.4	4.0000	6.02	1.000	29.64	86.34	45.16	2.76
320	135.0	4.0000	6.02	1.000	29.41	85.99	44.85	2.74
330	130.2	4.0000	6.02	1.000	28.95	85.25	44.22	2.70
340	116.2	4.0000	6.02	1.000	27.65	83.09	42.33	2.60
350	121.2	4.0000	6.02	1.000	28.13	83.88	43.04	2.64

AMSL= 218.8 M