

MODIFY BPH-20031031ADP
MILLER COMMUNICATIONS, INC.
WWBD (FM) RADIO STATION
CH 239C3 - 95.7 MHZ - 7.6 KW
BAMBERG, SOUTH CAROLINA
April 2004

EXHIBIT A

Shortspaced Facilities Utilizing Section 73.215

The WWBD proposed antenna location will be shortspaced to one other FM broadcast facility, WIBZ, Channel 238A, Wedgefield, South Carolina, both the licensed and construction permit. The detailed spacing information with regard to these facilities is shown on Exhibit A1. Miller proposes to use the provisions of §73.215 of the Commission's rules to address these shortspaced situations. The shortage to these facilities is in compliance with §73.215(e) of the Commission's rules. The provisions of §73.215 will be met by specifying less than maximum Class C3 facilities for WWBD.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed WWBD and either the license or CP for WIBZ. The contours of both the license and CP for WIBZ are based on 6.0 kilowatts effective radiated power at 100 meters height above average terrain.¹ Attached as Exhibits A3 through A6 are the tabulated distances to the protected and interfering contours, along pertinent arcs, of the proposed WWBD and both the WIBZ license and CP facilities. Further, attached as Exhibit A7 are the tabulated and protected contours of the proposed facility, in ten degree increments. Again, there is no prohibited overlap between the facilities.

1) WIBZ, both license and CP, are authorized with equivalent Class A facilities. Therefore, the effective radiated was raised and the center of radiation was lowered for both the license and CP to bring the height above average terrain to 100 meters for this §73.215 analysis.

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EXHIBIT A1

CLEARANCE STUDY FOR WWBD, BAMBERG, SOUTH CAROLINA
 USING PROPOSED SITE AS REFERENCE

REFERENCE	CLASS = C3	DISPLAY DATES
33 24 49 N	Current	DATA 04-23-04
81 00 59 W	Spacings	SEARCH 04-26-04
----- Channel 239 - 95.7 MHz -----		

Call	Channel	Location	Dist	Azi	FCC	Margin
N. Lat.	W. Lng.	Ant	Power	HAAT		
WWBD.C	CP -Z 239C3	Bamberg	SC 12.94	208.2	153.0	-140.06
33 18 39	81 04 56	ZCX	25.000 kW	97 M		
	Miller Communications, Inc		BPH20031031ADP			
WWBD	LIC 239A	Bamberg	SC 12.48	207.5	142.0	-129.52
33 18 50	81 04 43	C	6.000 kW	94 M		
	Miller Communications, Inc		BLH19970811KC			
* WIBZ	LIC 238A	Wedgfield	SC 82.87	43.9	89.0	-6.13
33 56 56	80 23 34	CX	4.400 kW	118 M		
	Miller Communications, Inc		BLH20020606AAY			
* WIBZ.C	CP 238A	Wedgfield	SC 84.21	49.4	89.0	-4.79
33 54 16	80 19 25	CX	4.600 kW	114 M		
	Miller Communications, Inc		BPH20030331AAI			
WXRC	LIC-D 239C0	Hickory	NC 226.42	358.9	226.0	0.42
35 27 16	81 03 46	DCN	100.000 kW	311 M		
	Pacific Broadcasting Group		BLH19890616KE			
WQZY.C	CP 240C0	Dublin	GA 165.41	240.8	163.0	2.41
32 40 42	82 33 26	CX	100.000 kW	312 M		
	State Broadcasting Corpora		BMPH20031031ADL			
WIXV	LIC 238C1	Savannah	GA 153.33	191.4	144.0	9.33
32 03 29	81 20 19	CX	98.000 kW	301 M		
	Cumulus Licensing Llc		BLH20030514ADV			
WKML	LIC-D 239C0	Lumberton	NC 236.76	49.5	226.0	10.76
34 46 50	79 02 45	DEN	100.000 kW	318 M		
	Wkml License Limited Partn		BLH19971024KA			
WFMV	LIC-Z 237A	South Congaree	SC 57.24	340.4	42.0	15.24
33 53 58	81 13 29	ZC	6.000 kW	100 M		
	Glory Communications, Inc.		BLH20010725AEF			
WQZY	LIC-N 240C1	Dublin	GA 165.41	240.8	144.0	21.41
32 40 42	82 33 26	NCN	88.000 kW	312 M		
	State Broadcasting Corpora		BLH19930719KE			

* Note: This shortage is addressed under \$73.215 of the rules.

WWBD- Proposed
Latitude: 33-24-49 N
Longitude: 081-00-59 W
ERP: 7.60 kW
Channel: 239C3
AMSL Height: 225.6 m

WIBZ- Licensed
BLH-20020606AAY
Latitude: 33-56-56 N
Longitude: 080-23-34 W
ERP: 6.00 kW
Channel: 238A
AMSL Height: 156.0 m

WIBZ - CP
BPH-20030331AAI
Latitude: 33-54-16 N
Longitude: 080-19-25 W
ERP: 6.00 kW
Channel: 238A
AMSL Height: 144.1 m

WIBZ Lic 54 dBu (50/10)

WIBZ Lic (60 dBu (50/50))

WIBZ CP 60 dBu (50/50)

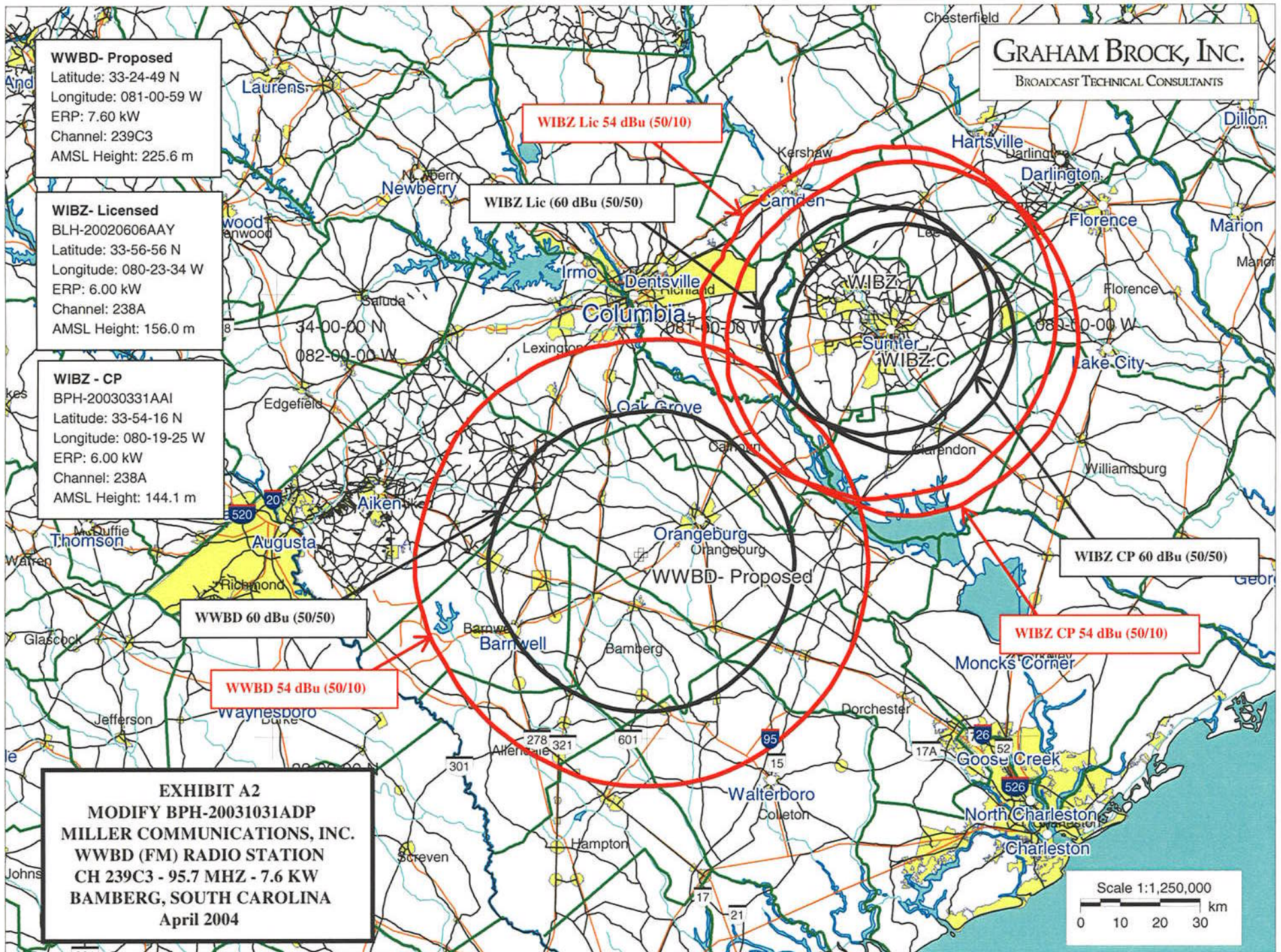
WIBZ CP 54 dBu (50/10)

WWBD 60 dBu (50/50)

WWBD 54 dBu (50/10)

EXHIBIT A2
MODIFY BPH-20031031ADP
MILLER COMMUNICATIONS, INC.
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Scale 1:1,250,000
0 10 20 30 km



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WWBD (FM) RADIO STATION
CH 239C3 - 95.7 MHZ - 7.6 KW
BAMBERG, SOUTH CAROLINA
April 2004

EXHIBIT A3

WWBD - Proposed
Channel = 239C3
Max ERP = 7.6 kW
RCAMSL = 225.552 M
N. Lat = 332449
W. Lng = 810059

WIBZ - BLH-20020606AAY (adjusted)
Channel = 238A
Max ERP = 6 kW
RCAMSL = 156 M
N. Lat = 33 56 56
W. Lng = 80 23 34

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
024.0	007.6000	0156.8	036.8	238.9	006.0000	0095.9	049.9	51.3
025.0	007.6000	0156.0	036.7	238.3	006.0000	0096.3	049.6	51.4
026.0	007.6000	0155.2	036.6	237.6	006.0000	0096.3	049.4	51.5
027.0	007.6000	0154.8	036.6	236.9	006.0000	0096.8	049.1	51.7
028.0	007.6000	0154.7	036.5	236.3	006.0000	0097.4	048.8	51.9
029.0	007.6000	0154.8	036.6	235.6	006.0000	0097.4	048.5	52.0
030.0	007.6000	0154.9	036.6	234.9	006.0000	0098.0	048.2	52.1
031.0	007.6000	0155.0	036.6	234.2	006.0000	0098.6	047.9	52.3
032.0	007.6000	0155.0	036.6	233.5	006.0000	0098.6	047.7	52.4
033.0	007.6000	0155.1	036.6	232.8	006.0000	0099.2	047.5	52.5
034.0	007.6000	0155.3	036.6	232.1	006.0000	0099.8	047.2	52.6
035.0	007.6000	0155.2	036.6	231.3	006.0000	0100.4	047.1	52.7
036.0	007.6000	0154.7	036.5	230.6	006.0000	0100.4	046.9	52.8
037.0	007.6000	0154.0	036.5	229.8	006.0000	0100.9	046.9	52.8
038.0	007.6000	0153.3	036.4	229.0	006.0000	0101.4	046.8	52.9
039.0	007.6000	0152.6	036.3	228.2	006.0000	0101.9	046.8	53.0
040.0	007.6000	0152.2	036.3	227.4	006.0000	0102.4	046.7	53.0
041.0	007.6000	0151.9	036.2	226.7	006.0000	0102.4	046.7	53.0
042.0	007.6000	0151.7	036.2	225.9	006.0000	0103.1	046.7	53.1
043.0	007.6000	0151.3	036.2	225.1	006.0000	0103.9	046.7	53.1
044.0	007.6000	0150.7	036.1	224.3	006.0000	0104.5	046.7	53.2
045.0	007.6000	0150.1	036.0	223.6	006.0000	0104.5	046.8	53.1
046.0	007.6000	0149.7	036.0	222.8	006.0000	0104.8	046.9	53.1
047.0	007.6000	0149.7	036.0	222.0	006.0000	0104.9	046.9	53.1
048.0	007.6000	0150.0	036.0	221.3	006.0000	0104.9	047.0	53.1
049.0	007.6000	0150.3	036.0	220.5	006.0000	0104.9	047.0	53.1
050.0	007.6000	0150.7	036.1	219.7	006.0000	0104.9	047.1	53.1
051.0	007.6000	0151.2	036.1	219.0	006.0000	0104.7	047.1	53.0
052.0	007.6000	0151.8	036.2	218.2	006.0000	0104.6	047.2	53.0
053.0	007.6000	0152.6	036.3	217.4	006.0000	0104.6	047.3	53.0
054.0	007.6000	0153.6	036.4	216.7	006.0000	0104.6	047.3	52.9
055.0	007.6000	0154.7	036.5	215.9	006.0000	0104.8	047.4	52.9
056.0	007.6000	0155.6	036.6	215.1	006.0000	0105.0	047.6	52.9
057.0	007.6000	0156.2	036.7	214.4	006.0000	0105.2	047.7	52.8
058.0	007.6000	0156.7	036.8	213.6	006.0000	0105.2	047.9	52.8
059.0	007.6000	0157.0	036.8	212.9	006.0000	0105.5	048.2	52.7
060.0	007.6000	0157.2	036.8	212.2	006.0000	0105.8	048.4	52.6
061.0	007.6000	0157.4	036.9	211.6	006.0000	0105.8	048.7	52.5
062.0	007.6000	0157.6	036.9	210.9	006.0000	0106.0	049.0	52.4
063.0	007.6000	0157.7	036.9	210.3	006.0000	0106.1	049.4	52.3
064.0	007.6000	0157.8	036.9	209.6	006.0000	0106.1	049.7	52.2

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April 2004

EXHIBIT A4

WIBZ - BLH-20020606AAY (adjusted)
Channel = 238A
Max ERP = 6 kW
RCAMSL = 156 M
N. Lat = 33 56 56
W. Lng = 80 23 34

WWBD - Proposed
Channel = 239C3
Max ERP = 7.6 kW
RCAMSL = 225.552 M
N. Lat = 332449
W. Lng = 810059

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
204.0	006.0000	0104.6	028.9	054.2	007.6000	0153.6	056.7	53.1
205.0	006.0000	0105.0	029.0	053.8	007.6000	0153.6	056.4	53.3
206.0	006.0000	0105.4	029.0	053.4	007.6000	0152.6	056.1	53.3
207.0	006.0000	0105.7	029.0	052.9	007.6000	0152.6	055.9	53.4
208.0	006.0000	0105.9	029.1	052.4	007.6000	0151.8	055.6	53.5
209.0	006.0000	0106.1	029.1	052.0	007.6000	0151.8	055.4	53.5
210.0	006.0000	0106.1	029.1	051.5	007.6000	0151.2	055.2	53.6
211.0	006.0000	0106.0	029.1	051.0	007.6000	0151.2	055.0	53.6
212.0	006.0000	0105.8	029.0	050.5	007.6000	0150.7	054.9	53.7
213.0	006.0000	0105.5	029.0	050.0	007.6000	0150.7	054.8	53.7
214.0	006.0000	0105.2	029.0	049.5	007.6000	0150.3	054.7	53.7
215.0	006.0000	0105.0	028.9	048.9	007.6000	0150.3	054.6	53.8
216.0	006.0000	0104.8	028.9	048.4	007.6000	0150.0	054.5	53.8
217.0	006.0000	0104.6	028.9	047.9	007.6000	0150.0	054.4	53.8
218.0	006.0000	0104.6	028.9	047.4	007.6000	0149.7	054.3	53.9
219.0	006.0000	0104.7	028.9	046.8	007.6000	0149.7	054.2	53.9
220.0	006.0000	0104.9	028.9	046.3	007.6000	0149.7	054.1	53.9
221.0	006.0000	0104.9	028.9	045.8	007.6000	0149.7	054.1	53.9
222.0	006.0000	0104.9	028.9	045.3	007.6000	0150.1	054.0	54.0
223.0	006.0000	0104.8	028.9	044.7	007.6000	0150.1	054.0	54.0
224.0	006.0000	0104.5	028.9	044.2	007.6000	0150.7	054.0	54.0
225.0	006.0000	0103.9	028.8	043.6	007.6000	0150.7	054.1	54.0
226.0	006.0000	0103.1	028.7	043.1	007.6000	0151.3	054.2	54.0
227.0	006.0000	0102.4	028.6	042.6	007.6000	0151.3	054.4	53.9
228.0	006.0000	0101.9	028.5	042.1	007.6000	0151.7	054.5	53.9
229.0	006.0000	0101.4	028.5	041.6	007.6000	0151.7	054.6	53.8
230.0	006.0000	0100.9	028.4	041.1	007.6000	0151.9	054.7	53.8
231.0	006.0000	0100.4	028.3	040.6	007.6000	0151.9	054.9	53.8
232.0	006.0000	0099.8	028.3	040.1	007.6000	0152.2	055.0	53.7
233.0	006.0000	0099.2	028.2	039.6	007.6000	0152.2	055.2	53.6
234.0	006.0000	0098.6	028.1	039.1	007.6000	0152.6	055.4	53.6
235.0	006.0000	0098.0	028.0	038.7	007.6000	0152.6	055.6	53.5
236.0	006.0000	0097.4	027.9	038.2	007.6000	0153.3	055.8	53.5
237.0	006.0000	0096.8	027.9	037.7	007.6000	0153.3	056.1	53.4
238.0	006.0000	0096.3	027.8	037.3	007.6000	0154.0	056.3	53.3
239.0	006.0000	0095.9	027.7	036.9	007.6000	0154.0	056.5	53.2
240.0	006.0000	0095.8	027.7	036.4	007.6000	0154.7	056.7	53.2
241.0	006.0000	0095.9	027.7	036.0	007.6000	0154.7	056.9	53.1
242.0	006.0000	0096.0	027.8	035.5	007.6000	0154.7	057.1	53.1
243.0	006.0000	0095.7	027.7	035.1	007.6000	0155.2	057.4	53.0
244.0	006.0000	0095.1	027.6	034.7	007.6000	0155.2	057.7	52.9

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April 2004

EXHIBIT A5

WWBD - Proposed
Channel = 239C3
Max ERP = 7.6 kW
RCAMSL = 225.552 M
N. Lat = 332449
W. Lng = 810059

WIBZ.C - BPH-20030331AAI (adjusted)
Channel = 238A
Max ERP = 6 kW
RCAMSL = 144.1 M
N. Lat = 33 54 16
W. Lng = 80 19 25

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
029.0	007.6000	0154.8	036.6	244.2	006.0000	0097.3	051.6	50.8
030.0	007.6000	0154.9	036.6	243.6	006.0000	0097.3	051.2	50.9
031.0	007.6000	0155.0	036.6	243.0	006.0000	0097.3	050.9	51.1
032.0	007.6000	0155.0	036.6	242.4	006.0000	0097.4	050.5	51.2
033.0	007.6000	0155.1	036.6	241.8	006.0000	0097.4	050.2	51.3
034.0	007.6000	0155.3	036.6	241.1	006.0000	0097.5	049.9	51.5
035.0	007.6000	0155.2	036.6	240.5	006.0000	0097.6	049.6	51.6
036.0	007.6000	0154.7	036.5	239.8	006.0000	0097.6	049.4	51.6
037.0	007.6000	0154.0	036.5	239.1	006.0000	0097.7	049.2	51.7
038.0	007.6000	0153.3	036.4	238.3	006.0000	0097.8	049.1	51.8
039.0	007.6000	0152.6	036.3	237.6	006.0000	0097.8	048.9	51.8
040.0	007.6000	0152.2	036.3	236.9	006.0000	0097.9	048.8	51.9
041.0	007.6000	0151.9	036.2	236.1	006.0000	0097.8	048.6	51.9
042.0	007.6000	0151.7	036.2	235.4	006.0000	0097.7	048.5	52.0
043.0	007.6000	0151.3	036.2	234.7	006.0000	0097.7	048.4	52.0
044.0	007.6000	0150.7	036.1	233.9	006.0000	0097.5	048.4	52.0
045.0	007.6000	0150.1	036.0	233.2	006.0000	0097.5	048.3	52.0
046.0	007.6000	0149.7	036.0	232.4	006.0000	0097.4	048.3	52.0
047.0	007.6000	0149.7	036.0	231.7	006.0000	0097.4	048.3	52.1
048.0	007.6000	0150.0	036.0	230.9	006.0000	0097.4	048.2	52.1
049.0	007.6000	0150.3	036.0	230.2	006.0000	0097.2	048.1	52.1
050.0	007.6000	0150.7	036.1	229.4	006.0000	0097.1	048.1	52.1
051.0	007.6000	0151.2	036.1	228.7	006.0000	0097.1	048.0	52.1
052.0	007.6000	0151.8	036.2	227.9	006.0000	0096.9	048.0	52.1
053.0	007.6000	0152.6	036.3	227.2	006.0000	0096.8	048.0	52.1
054.0	007.6000	0153.6	036.4	226.4	006.0000	0096.9	047.9	52.1
055.0	007.6000	0154.7	036.5	225.6	006.0000	0096.9	047.9	52.1
056.0	007.6000	0155.6	036.6	224.8	006.0000	0096.9	047.9	52.1
057.0	007.6000	0156.2	036.7	224.1	006.0000	0097.0	048.0	52.1
058.0	007.6000	0156.7	036.8	223.3	006.0000	0097.2	048.1	52.1
059.0	007.6000	0157.0	036.8	222.6	006.0000	0097.2	048.2	52.1
060.0	007.6000	0157.2	036.8	221.8	006.0000	0097.5	048.4	52.0
061.0	007.6000	0157.4	036.9	221.1	006.0000	0097.9	048.6	52.0
062.0	007.6000	0157.6	036.9	220.4	006.0000	0098.5	048.8	51.9
063.0	007.6000	0157.7	036.9	219.7	006.0000	0098.5	049.0	51.9
064.0	007.6000	0157.8	036.9	219.0	006.0000	0099.1	049.3	51.8
065.0	007.6000	0158.0	036.9	218.3	006.0000	0099.4	049.5	51.7
066.0	007.6000	0158.2	036.9	217.7	006.0000	0099.4	049.8	51.6
067.0	007.6000	0158.6	037.0	217.0	006.0000	0099.5	050.1	51.5
068.0	007.6000	0159.1	037.0	216.3	006.0000	0099.2	050.4	51.4
069.0	007.6000	0159.7	037.1	215.7	006.0000	0099.2	050.7	51.3

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EXHIBIT A6

WIBZ.C - BPH20030331AAI (adjusted)
Channel = 238A
Max ERP = 6 kW
RCAMSL = 144.1 M
N. Lat = 33 54 16
W. Lng = 80 19 25

WWBD - Proposed
Channel = 239C3
Max ERP = 7.6 kW
RCAMSL = 225.552 M
N. Lat = 332449
W. Lng = 810059

Protected
60 dBu

Interfering
54 dBu

30 Sec. Terrain Data

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
210.0	006.0000	0097.2	027.9	058.7	007.6000	0157.0	058.8	52.6
211.0	006.0000	0097.3	027.9	058.3	007.6000	0156.7	058.5	52.6
212.0	006.0000	0097.4	027.9	057.9	007.6000	0156.7	058.3	52.7
213.0	006.0000	0097.6	028.0	057.5	007.6000	0156.2	058.1	52.8
214.0	006.0000	0098.0	028.0	057.1	007.6000	0156.2	057.8	52.9
215.0	006.0000	0098.6	028.1	056.6	007.6000	0156.2	057.5	53.0
216.0	006.0000	0099.2	028.2	056.2	007.6000	0155.6	057.3	53.0
217.0	006.0000	0099.5	028.2	055.8	007.6000	0155.6	057.1	53.1
218.0	006.0000	0099.4	028.2	055.3	007.6000	0154.7	056.9	53.1
219.0	006.0000	0099.1	028.2	054.8	007.6000	0154.7	056.8	53.1
220.0	006.0000	0098.5	028.1	054.3	007.6000	0153.6	056.8	53.1
221.0	006.0000	0097.9	028.0	053.8	007.6000	0153.6	056.7	53.1
222.0	006.0000	0097.5	028.0	053.3	007.6000	0152.6	056.7	53.1
223.0	006.0000	0097.2	027.9	052.8	007.6000	0152.6	056.6	53.1
224.0	006.0000	0097.0	027.9	052.3	007.6000	0151.8	056.6	53.1
225.0	006.0000	0096.9	027.9	051.8	007.6000	0151.8	056.5	53.1
226.0	006.0000	0096.9	027.9	051.3	007.6000	0151.2	056.5	53.1
227.0	006.0000	0096.8	027.9	050.9	007.6000	0151.2	056.4	53.1
228.0	006.0000	0096.9	027.9	050.4	007.6000	0150.7	056.4	53.1
229.0	006.0000	0097.1	027.9	049.9	007.6000	0150.7	056.4	53.1
230.0	006.0000	0097.2	027.9	049.4	007.6000	0150.3	056.3	53.1
231.0	006.0000	0097.4	027.9	048.9	007.6000	0150.3	056.3	53.1
232.0	006.0000	0097.4	027.9	048.4	007.6000	0150.0	056.3	53.1
233.0	006.0000	0097.5	028.0	047.9	007.6000	0150.0	056.4	53.1
234.0	006.0000	0097.5	028.0	047.4	007.6000	0149.7	056.4	53.0
235.0	006.0000	0097.7	028.0	046.9	007.6000	0149.7	056.5	53.0
236.0	006.0000	0097.8	028.0	046.4	007.6000	0149.7	056.5	53.0
237.0	006.0000	0097.9	028.0	045.9	007.6000	0149.7	056.6	53.0
238.0	006.0000	0097.8	028.0	045.4	007.6000	0150.1	056.7	53.0
239.0	006.0000	0097.7	028.0	045.0	007.6000	0150.1	056.8	52.9
240.0	006.0000	0097.6	028.0	044.5	007.6000	0150.7	056.9	52.9
241.0	006.0000	0097.5	028.0	044.0	007.6000	0150.7	057.1	52.8
242.0	006.0000	0097.4	027.9	043.5	007.6000	0150.7	057.3	52.8
243.0	006.0000	0097.3	027.9	043.1	007.6000	0151.3	057.4	52.8
244.0	006.0000	0097.3	027.9	042.6	007.6000	0151.3	057.6	52.7
245.0	006.0000	0097.2	027.9	042.2	007.6000	0151.7	057.8	52.6
246.0	006.0000	0097.2	027.9	041.8	007.6000	0151.7	058.0	52.6
247.0	006.0000	0097.1	027.9	041.3	007.6000	0151.9	058.2	52.5
248.0	006.0000	0097.1	027.9	040.9	007.6000	0151.9	058.4	52.4
249.0	006.0000	0097.1	027.9	040.5	007.6000	0152.2	058.6	52.4
250.0	006.0000	0097.2	027.9	040.0	007.6000	0152.2	058.9	52.3

MODIFY BPH-20031031ADP
MILLER COMMUNICATIONS, INC.
WWBD (FM) RADIO STATION
CH 239C3 - 95.7 MHZ - 7.6 KW
BAMBERG, SOUTH CAROLINA
April 2004

EXHIBIT A7

Predicted contours:

N. Lat. = 33 24 49 - Tabulated protected and interfering contour data
W. Lng. = 81 00 59 - WWBD Radio station - Bamberg, South Carolina

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	54-F1	40-F1	100-F1
000	76.9	148.7	7.6000	8.81	1.000	35.86	53.78	97.86	3.47
010	70.8	154.8	7.6000	8.81	1.000	36.56	54.61	98.70	3.53
020	68.1	157.5	7.6000	8.81	1.000	36.86	54.96	99.07	3.56
030	70.6	155.0	7.6000	8.81	1.000	36.58	54.63	98.73	3.53
040	73.4	152.2	7.6000	8.81	1.000	36.27	54.26	98.35	3.50
050	74.9	150.7	7.6000	8.81	1.000	36.09	54.05	98.14	3.49
060	68.3	157.3	7.6000	8.81	1.000	36.84	54.94	99.04	3.56
070	65.2	160.4	7.6000	8.81	1.000	37.19	55.37	99.47	3.60
080	60.4	165.2	7.6000	8.81	1.000	37.71	56.00	100.12	3.65
090	55.0	170.6	7.6000	8.81	1.000	38.27	56.70	100.84	3.70
100	51.8	173.8	7.6000	8.81	1.000	38.59	57.12	101.27	3.73
110	48.5	177.1	7.6000	8.81	1.000	38.90	57.53	101.70	3.76
120	47.9	177.7	7.6000	8.81	1.000	38.95	57.59	101.77	3.76
130	47.5	178.1	7.6000	8.81	1.000	38.99	57.65	101.82	3.77
140	47.5	178.1	7.6000	8.81	1.000	38.99	57.65	101.82	3.77
150	44.0	181.6	7.6000	8.81	1.000	39.30	58.08	102.28	3.80
160	42.5	183.1	7.6000	8.81	1.000	39.42	58.26	102.46	3.81
170	43.6	182.0	7.6000	8.81	1.000	39.33	58.12	102.32	3.80
180	46.7	178.9	7.6000	8.81	1.000	39.06	57.74	101.93	3.77
190	47.3	178.3	7.6000	8.81	1.000	39.01	57.68	101.86	3.77
200	52.4	173.2	7.6000	8.81	1.000	38.53	57.03	101.18	3.72
210	55.4	170.2	7.6000	8.81	1.000	38.23	56.65	100.79	3.70
220	57.6	168.0	7.6000	8.81	1.000	38.01	56.37	100.50	3.67
230	59.1	166.5	7.6000	8.81	1.000	37.85	56.17	100.30	3.66
240	61.4	164.2	7.6000	8.81	1.000	37.61	55.87	99.99	3.64
250	56.7	168.9	7.6000	8.81	1.000	38.10	56.49	100.62	3.68
260	55.7	169.9	7.6000	8.81	1.000	38.20	56.61	100.75	3.69
270	57.5	168.1	7.6000	8.81	1.000	38.01	56.37	100.50	3.68
280	65.6	160.0	7.6000	8.81	1.000	37.14	55.30	99.41	3.59
290	69.8	155.8	7.6000	8.81	1.000	36.67	54.74	98.84	3.54
300	69.8	155.8	7.6000	8.81	1.000	36.67	54.74	98.84	3.54
310	70.5	155.1	7.6000	8.81	1.000	36.60	54.65	98.75	3.54
320	73.5	152.1	7.6000	8.81	1.000	36.25	54.24	98.33	3.50
330	75.4	150.2	7.6000	8.81	1.000	36.03	53.97	98.06	3.48
340	78.3	147.3	7.6000	8.81	1.000	35.69	53.58	97.66	3.45
350	80.5	145.1	7.6000	8.81	1.000	35.43	53.27	97.34	3.43

AMSL= 225.6 M