

**MINOR CHANGE APPLICATION**  
**CUMULUS LICENSING LLC**  
**WHBX (FM) RADIO STATION**  
**CH 241C2 -96.1 MHZ - 37.0 kW**  
**TALLAHASSEE, FLORIDA**  
**March 2015**

**EXHIBIT A1**

**Spacing Clearance Study for WHBX, Tallahassee, Florida**  
**Using Corrected Site Coordinates as Reference**

REFERENCE		CLASS = C2	DISPLAY DATES
30 15 57.6 N.			DATA 03-11-15
84 16 28.5 W.	Current	Spacings to 3rd Adj.	SEARCH 03-11-15
----- Channel 241 - 96.1 MHz -----			

Call Lat.	Channel Lng.	Location Ant	Power	Azi HAAT	Dist	FCC	Margin
WHBX	LIC-N 241C2	Tallahassee	FL	343.7	0.33	189.5	-189.2
30 16 08.0	84 16 32.0	NCN	37.000 kW	146 M			
	Cumulus Licensing Llc		BLH19940329KZ				
WJIZ-FM	LIC 242C1	Albany	GA	3.4	154.21	157.5	-3.3
			<b>\$73.215 (e) Spacing</b>			<b>143.5</b>	<b>10.7</b>
31 39 16.0	84 10 36.0	CX	100.000 kW	142 M			
	Cc Licenses, Llc		BMLH20031014AIE				
WRBA	LIC 240C2	Springfield	FL	267.2	129.29	129.5	-0.21
			<b>\$73.215 (e) Spacing</b>			<b>116.5</b>	<b>12.8</b>
30 12 12.0	85 36 57.0	CN	50.000 kW	86 M			
	Powell Broadcasting Compan		BLH19930518KC				
WEJZ	LIC 241C0	Jacksonville	FL	87.9	253.26	238.5	14.8
30 19 22.0	81 38 34.0	CN	100.000 kW	300 M			
	Renda Broadcasting Corp. O		BLH19881109KA				
WGOV-FM	LIC-N 244C2	Valdosta	GA	55.6	106.44	57.5	48.9
30 48 13.0	83 21 20.0	NCX	50.000 kW	100 M			
	W.g.o.v., Inc.		BLH20060601ABI				

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All separation margins include rounding

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**TALLAHASSEE, FLORIDA**  
**March 2015**

**EXHIBIT A2**

**Contour Clearance Study for WHBX, Tallahassee, Florida**  
**Using Corrected Site Coordinates as Reference**

REFERENCE		CH# 241C2- 96.1 MHz, Pwr= 37 kW, HAAT= 143.3 M, COR= 151.3 M							DISPLAY DATES		
30 15 57.6 N.		Average Protected F(50-50)= 48.6 km							DATA 03-11-15		
84 16 28.5 W.		73.215 Omni-directional							SEARCH 03-11-15		
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr (kW)	INT (km)	PRO (km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT (M)	COR (M)	LICENSEE	{Overlap in km}	
241C2 WHBX!		LIC NCN		343.7	0.33	30 16 08.0	37.000	131.5	49.9	-179.4	-179.4
Tallahassee		FL		163.7	BLH19940329KZ	84 16 32.0	146	153	Cumulus Licensing Llc		
242C1 WJIZ-FM^		LIC CX		3.4	154.64	31 39 16.0	100.000	105.9	73.0	0.9	9.6
Albany		GA		183.5	BMLH20031014AIE	84 10 36.0	299	368	Cc Licenses, Llc		
240C2 WRBA^		LIC CN		267.2	129.02	30 12 12.0	50.000	77.1	51.3	3.8	5.4
Springfield		FL		86.6	BLH19930518KC	85 36 57.0	150	154	Powell Broadcasting Compan		
241C0 WEJZ«		LIC CN		87.9	253.26	30 19 22.0	100.000	171.2	71.8	238.5R	14.8M
Jacksonville		FL		269.2	BLH19881109KA	81 38 34.0	300	304	Renda Broadcasting Corp. O		
244C2 WGOV-FM«		LIC NCX		55.6	106.44	30 48 13.0	50.000	5.2	46.5	57.5R	48.9M
Valdosta		GA		236.1	BLH20060601ABI	83 21 20.0	100	157	W.g.o.v., Inc.		

Terrain database is FCC NGDC 30 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= - Zone 2, Co to 3rd adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 « = Station meets FCC minimum distance spacing for its class.

< = Contour Overlap

^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

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**CH 241C2 -96.1 MHZ - 37.0 kW**  
**TALLAHASSEE, FLORIDA**  
**March 2015**

**EXHIBIT A3**

WHBX - Corrected Coordinates

Channel = 241C2  
 Max ERP = 37 kW  
 RCAMSL = 151.3 M  
 N. Lat. 30 15 57.6  
 W. Lng. 84 16 28.5

Protected  
 60 dBu

WJIZ-FM - BMLH-20031014AIE  
 (^ Max Class Parameters)

Channel = 242C1  
 Max ERP = 100 kW  
 RCAMSL = 368 M  
 N. Lat. 31 39 16.0  
 W. Lng. 84 10 36.0

Interfering  
 54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
343.0	037.0000	0141.4	048.3	192.3	100.0000	0307.4	110.7	52.59	
344.0	037.0000	0141.3	048.3	191.9	100.0000	0307.4	110.3	52.70	
345.0	037.0000	0141.3	048.3	191.5	100.0000	0307.5	109.9	52.81	
346.0	037.0000	0141.3	048.3	191.1	100.0000	0307.6	109.5	52.91	
347.0	037.0000	0141.3	048.3	190.7	100.0000	0307.7	109.2	53.02	
348.0	037.0000	0141.3	048.3	190.3	100.0000	0307.8	108.9	53.11	
349.0	037.0000	0141.3	048.3	189.9	100.0000	0307.9	108.5	53.20	
350.0	037.0000	0141.3	048.3	189.4	100.0000	0308.0	108.3	53.29	
351.0	037.0000	0141.3	048.3	189.0	100.0000	0308.1	108.0	53.37	
352.0	037.0000	0141.3	048.3	188.6	100.0000	0308.2	107.7	53.44	
353.0	037.0000	0141.3	048.3	188.2	100.0000	0308.3	107.5	53.51	
354.0	037.0000	0141.3	048.3	187.7	100.0000	0308.3	107.3	53.58	
355.0	037.0000	0141.2	048.3	187.3	100.0000	0308.4	107.1	53.63	
356.0	037.0000	0141.2	048.3	186.8	100.0000	0308.4	106.9	53.68	
357.0	037.0000	0141.2	048.3	186.4	100.0000	0308.5	106.8	53.73	
358.0	037.0000	0141.0	048.3	185.9	100.0000	0308.5	106.7	53.76	
359.0	037.0000	0140.8	048.2	185.5	100.0000	0308.5	106.6	53.78	
000.0	037.0000	0140.5	048.2	185.0	100.0000	0308.5	106.6	53.80	
001.0	037.0000	0139.7	048.1	184.6	100.0000	0308.6	106.6	53.78	
002.0	037.0000	0138.8	047.9	184.1	100.0000	0308.6	106.7	53.76	
003.0	037.0000	0138.1	047.8	183.7	100.0000	0308.6	106.8	53.73	
004.0	037.0000	0138.0	047.8	183.2	100.0000	0308.6	106.8	53.73	
005.0	037.0000	0137.9	047.8	182.8	100.0000	0308.6	106.9	53.72	
006.0	037.0000	0137.9	047.8	182.3	100.0000	0308.7	106.9	53.70	
007.0	037.0000	0138.2	047.9	181.9	100.0000	0308.8	106.9	53.71	
008.0	037.0000	0138.6	047.9	181.4	100.0000	0309.0	107.0	53.70	
009.0	037.0000	0139.0	048.0	181.0	100.0000	0309.2	107.0	53.69	
010.0	037.0000	0139.4	048.0	180.5	100.0000	0309.4	107.1	53.68	
011.0	037.0000	0139.8	048.1	180.1	100.0000	0309.6	107.2	53.65	
012.0	037.0000	0140.0	048.1	179.7	100.0000	0309.7	107.3	53.62	
013.0	037.0000	0139.5	048.0	179.2	100.0000	0309.9	107.6	53.55	
014.0	037.0000	0138.8	047.9	178.8	100.0000	0310.2	107.9	53.47	
015.0	037.0000	0138.4	047.9	178.4	100.0000	0310.7	108.2	53.40	
016.0	037.0000	0138.8	047.9	178.0	100.0000	0311.2	108.4	53.36	
017.0	037.0000	0139.4	048.0	177.5	100.0000	0311.7	108.5	53.32	
018.0	037.0000	0139.6	048.1	177.1	100.0000	0312.1	108.8	53.26	
019.0	037.0000	0139.1	048.0	176.7	100.0000	0312.6	109.2	53.17	
020.0	037.0000	0138.8	047.9	176.3	100.0000	0313.0	109.6	53.08	
021.0	037.0000	0138.9	048.0	175.9	100.0000	0313.4	109.9	53.00	

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**March 2015**

**EXHIBIT A4**

WJIZ-FM - BMLH-20031014AIE  
(^ Max Class Parameters)  
Channel = 242C1  
Max ERP = 100 kW  
RCAMSL = 368 M  
N. Lat. 31 39 16.0  
W. Lng. 84 10 36.0

WHBX - Corrected Coordinates

Channel = 241C2  
Max ERP = 37 kW  
RCAMSL = 151.3 M  
N. Lat. 30 15 57.6  
W. Lng. 84 16 28.5

Protected  
60 dBu

Interfering  
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
166.0	100.0000	0317.3	073.7	018.1	037.0000	0139.5	087.2	49.49	
167.0	100.0000	0316.9	073.6	017.4	037.0000	0139.6	086.6	49.68	
168.0	100.0000	0316.6	073.6	016.7	037.0000	0139.2	086.0	49.84	
169.0	100.0000	0316.2	073.6	015.9	037.0000	0138.7	085.4	49.99	
170.0	100.0000	0316.0	073.6	015.1	037.0000	0138.4	084.9	50.14	
171.0	100.0000	0315.8	073.6	014.3	037.0000	0138.6	084.3	50.30	
172.0	100.0000	0315.5	073.5	013.5	037.0000	0139.2	083.9	50.47	
173.0	100.0000	0315.2	073.5	012.7	037.0000	0139.7	083.4	50.62	
174.0	100.0000	0314.8	073.5	011.8	037.0000	0140.0	083.1	50.74	
175.0	100.0000	0314.1	073.4	011.0	037.0000	0139.7	082.7	50.83	
176.0	100.0000	0313.3	073.4	010.1	037.0000	0139.4	082.4	50.90	
177.0	100.0000	0312.3	073.3	009.2	037.0000	0139.0	082.2	50.94	
178.0	100.0000	0311.1	073.2	008.3	037.0000	0138.7	082.1	50.98	
179.0	100.0000	0310.0	073.1	007.4	037.0000	0138.4	081.9	51.00	
180.0	100.0000	0309.6	073.1	006.6	037.0000	0138.0	081.8	51.03	
181.0	100.0000	0309.2	073.1	005.7	037.0000	0137.9	081.7	51.05	
182.0	100.0000	0308.8	073.0	004.8	037.0000	0137.9	081.6	51.07	
183.0	100.0000	0308.6	073.0	003.9	037.0000	0138.0	081.6	51.08	
184.0	100.0000	0308.6	073.0	003.0	037.0000	0138.1	081.6	51.08	
185.0	100.0000	0308.5	073.0	002.1	037.0000	0138.7	081.7	51.10	
186.0	100.0000	0308.5	073.0	001.2	037.0000	0139.5	081.8	51.11	
187.0	100.0000	0308.4	073.0	000.3	037.0000	0140.3	081.9	51.10	
188.0	100.0000	0308.3	073.0	359.4	037.0000	0140.7	082.1	51.07	
189.0	100.0000	0308.1	073.0	358.5	037.0000	0140.9	082.3	51.01	
190.0	100.0000	0307.9	073.0	357.7	037.0000	0141.1	082.6	50.94	
191.0	100.0000	0307.6	073.0	356.8	037.0000	0141.2	082.9	50.85	
192.0	100.0000	0307.4	072.9	356.0	037.0000	0141.2	083.2	50.75	
193.0	100.0000	0307.2	072.9	355.1	037.0000	0141.2	083.6	50.64	
194.0	100.0000	0307.1	072.9	354.3	037.0000	0141.2	084.0	50.51	
195.0	100.0000	0307.2	072.9	353.5	037.0000	0141.3	084.5	50.38	
196.0	100.0000	0307.3	072.9	352.7	037.0000	0141.3	084.9	50.24	
197.0	100.0000	0307.6	073.0	351.9	037.0000	0141.3	085.4	50.09	
198.0	100.0000	0307.8	073.0	351.2	037.0000	0141.3	086.0	49.93	
199.0	100.0000	0307.9	073.0	350.4	037.0000	0141.3	086.6	49.76	
200.0	100.0000	0307.9	073.0	349.7	037.0000	0141.3	087.2	49.58	
201.0	100.0000	0307.8	073.0	349.0	037.0000	0141.3	087.9	49.39	
202.0	100.0000	0307.6	073.0	348.3	037.0000	0141.3	088.5	49.18	

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**March 2015**

**EXHIBIT A5**

WHBX - Corrected Coordinates

Channel = 241C2  
Max ERP = 37 kW  
RCAMSL = 151.3 M  
N. Lat. 30 15 57.6  
W. Lng. 84 16 28.5

WRBA - BLH-19930518KC  
(^ Max Class Parameters)  
Channel = 240C2  
Max ERP = 50 kW  
RCAMSL = 154 M  
N. Lat. 30 12 12.0  
W. Lng. 85 36 57.0

Protected  
60 dBu

Interfering  
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
247.0	037.0000	0141.4	048.3	097.9	050.0000	0141.2	085.4	51.42	
248.0	037.0000	0141.4	048.3	097.4	050.0000	0141.1	084.9	51.54	
249.0	037.0000	0141.4	048.3	096.9	050.0000	0141.0	084.5	51.66	
250.0	037.0000	0141.4	048.3	096.4	050.0000	0141.0	084.1	51.78	
251.0	037.0000	0141.4	048.3	095.9	050.0000	0140.9	083.7	51.89	
252.0	037.0000	0141.3	048.3	095.3	050.0000	0140.9	083.4	51.99	
253.0	037.0000	0141.3	048.3	094.8	050.0000	0140.9	083.1	52.09	
254.0	037.0000	0141.2	048.3	094.2	050.0000	0140.9	082.8	52.18	
255.0	037.0000	0141.1	048.3	093.7	050.0000	0140.8	082.5	52.25	
256.0	037.0000	0140.9	048.2	093.1	050.0000	0140.7	082.3	52.32	
257.0	037.0000	0140.8	048.2	092.6	050.0000	0140.6	082.0	52.39	
258.0	037.0000	0141.0	048.2	092.0	050.0000	0140.5	081.8	52.46	
259.0	037.0000	0141.1	048.3	091.4	050.0000	0140.6	081.5	52.53	
260.0	037.0000	0141.3	048.3	090.9	050.0000	0140.9	081.3	52.60	
261.0	037.0000	0141.3	048.3	090.3	050.0000	0141.2	081.2	52.66	
262.0	037.0000	0141.2	048.3	089.7	050.0000	0141.6	081.1	52.72	
263.0	037.0000	0141.0	048.3	089.1	050.0000	0142.0	081.0	52.76	
264.0	037.0000	0140.7	048.2	088.5	050.0000	0142.3	080.9	52.79	
265.0	037.0000	0140.3	048.2	087.9	050.0000	0142.7	080.9	52.81	
266.0	037.0000	0140.0	048.1	087.3	050.0000	0143.1	080.9	52.82	
267.0	037.0000	0139.7	048.1	086.7	050.0000	0143.3	080.9	52.83	
268.0	037.0000	0139.9	048.1	086.1	050.0000	0143.5	080.9	52.84	
269.0	037.0000	0140.1	048.1	085.5	050.0000	0143.7	080.9	52.85	
270.0	037.0000	0140.2	048.1	084.9	050.0000	0143.8	081.0	52.85	
271.0	037.0000	0140.2	048.1	084.3	050.0000	0143.9	081.0	52.83	
272.0	037.0000	0140.2	048.1	083.7	050.0000	0143.9	081.1	52.80	
273.0	037.0000	0140.3	048.2	083.2	050.0000	0143.8	081.3	52.76	
274.0	037.0000	0140.3	048.2	082.6	050.0000	0143.8	081.4	52.71	
275.0	037.0000	0140.3	048.2	082.0	050.0000	0143.7	081.6	52.66	
276.0	037.0000	0140.2	048.1	081.4	050.0000	0143.7	081.8	52.59	
277.0	037.0000	0140.1	048.1	080.9	050.0000	0143.7	082.0	52.53	
278.0	037.0000	0140.0	048.1	080.3	050.0000	0143.8	082.2	52.46	
279.0	037.0000	0140.2	048.1	079.7	050.0000	0143.8	082.5	52.39	
280.0	037.0000	0140.5	048.2	079.2	050.0000	0143.9	082.7	52.32	
281.0	037.0000	0140.8	048.2	078.6	050.0000	0143.9	083.0	52.25	
282.0	037.0000	0141.0	048.3	078.1	050.0000	0144.0	083.3	52.16	
283.0	037.0000	0141.1	048.3	077.5	050.0000	0144.0	083.6	52.06	
284.0	037.0000	0141.1	048.3	077.0	050.0000	0144.0	084.0	51.96	
285.0	037.0000	0141.1	048.3	076.5	050.0000	0144.0	084.3	51.84	
286.0	037.0000	0141.1	048.3	076.0	050.0000	0144.0	084.8	51.72	

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**TALLAHASSEE, FLORIDA**  
**March 2015**

**EXHIBIT A6**

WRBA - BLH-19930518KC  
(^ Max Class Parameters)  
Channel = 240C2  
Max ERP = 50 kW  
RCAMSL = 154 M  
N. Lat. 30 12 12.0  
W. Lng. 85 36 57.0  
Protected  
60 dBu

WHBX - Corrected Coordinates  
Channel = 241C2  
Max ERP = 37 kW  
RCAMSL = 151.3 M  
N. Lat. 30 15 57.6  
W. Lng. 84 16 28.5  
Interfering  
54 dBu

FCC NGDC 30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
067.0	050.0000	0143.8	051.4	279.3	037.0000	0140.3	082.4	50.94	
068.0	050.0000	0143.8	051.4	278.7	037.0000	0140.1	082.0	51.07	
069.0	050.0000	0143.8	051.4	278.2	037.0000	0140.0	081.5	51.20	
070.0	050.0000	0143.9	051.4	277.6	037.0000	0140.0	081.1	51.32	
071.0	050.0000	0144.0	051.4	277.1	037.0000	0140.0	080.7	51.45	
072.0	050.0000	0144.0	051.4	276.5	037.0000	0140.1	080.3	51.56	
073.0	050.0000	0144.0	051.4	275.9	037.0000	0140.2	080.0	51.67	
074.0	050.0000	0144.0	051.4	275.3	037.0000	0140.2	079.7	51.77	
075.0	050.0000	0144.0	051.4	274.7	037.0000	0140.3	079.4	51.87	
076.0	050.0000	0144.0	051.4	274.1	037.0000	0140.3	079.1	51.95	
077.0	050.0000	0144.0	051.4	273.5	037.0000	0140.3	078.8	52.03	
078.0	050.0000	0144.0	051.4	272.8	037.0000	0140.3	078.6	52.10	
079.0	050.0000	0143.9	051.4	272.2	037.0000	0140.2	078.4	52.15	
080.0	050.0000	0143.8	051.4	271.5	037.0000	0140.2	078.2	52.20	
081.0	050.0000	0143.7	051.3	270.9	037.0000	0140.2	078.1	52.25	
082.0	050.0000	0143.7	051.3	270.2	037.0000	0140.3	077.9	52.29	
083.0	050.0000	0143.8	051.4	269.6	037.0000	0140.2	077.8	52.32	
084.0	050.0000	0143.9	051.4	268.9	037.0000	0140.1	077.7	52.34	
085.0	050.0000	0143.8	051.4	268.3	037.0000	0139.9	077.7	52.35	
086.0	050.0000	0143.5	051.3	267.6	037.0000	0139.8	077.7	52.34	
087.0	050.0000	0143.2	051.3	267.0	037.0000	0139.7	077.8	52.32	
088.0	050.0000	0142.6	051.2	266.3	037.0000	0139.9	077.9	52.30	
089.0	050.0000	0142.0	051.1	265.6	037.0000	0140.1	078.0	52.27	
090.0	050.0000	0141.4	051.0	265.0	037.0000	0140.3	078.1	52.23	
091.0	050.0000	0140.8	050.9	264.4	037.0000	0140.6	078.3	52.19	
092.0	050.0000	0140.5	050.9	263.7	037.0000	0140.8	078.5	52.15	
093.0	050.0000	0140.7	050.9	263.1	037.0000	0141.0	078.6	52.12	
094.0	050.0000	0140.8	050.9	262.4	037.0000	0141.1	078.8	52.08	
095.0	050.0000	0140.9	051.0	261.8	037.0000	0141.2	079.0	52.02	
096.0	050.0000	0140.9	051.0	261.2	037.0000	0141.2	079.2	51.96	
097.0	050.0000	0141.0	051.0	260.6	037.0000	0141.3	079.4	51.89	
098.0	050.0000	0141.2	051.0	260.0	037.0000	0141.3	079.7	51.81	
099.0	050.0000	0141.5	051.0	259.3	037.0000	0141.2	079.9	51.73	
100.0	050.0000	0142.1	051.1	258.7	037.0000	0141.1	080.2	51.65	
101.0	050.0000	0142.9	051.2	258.1	037.0000	0141.0	080.4	51.57	
102.0	050.0000	0143.5	051.3	257.5	037.0000	0140.9	080.7	51.48	
103.0	050.0000	0143.9	051.4	256.9	037.0000	0140.8	081.1	51.37	
104.0	050.0000	0144.0	051.4	256.3	037.0000	0140.8	081.5	51.25	
105.0	050.0000	0144.0	051.4	255.8	037.0000	0140.9	081.9	51.13	
106.0	050.0000	0144.0	051.4	255.3	037.0000	0141.0	082.4	51.00	

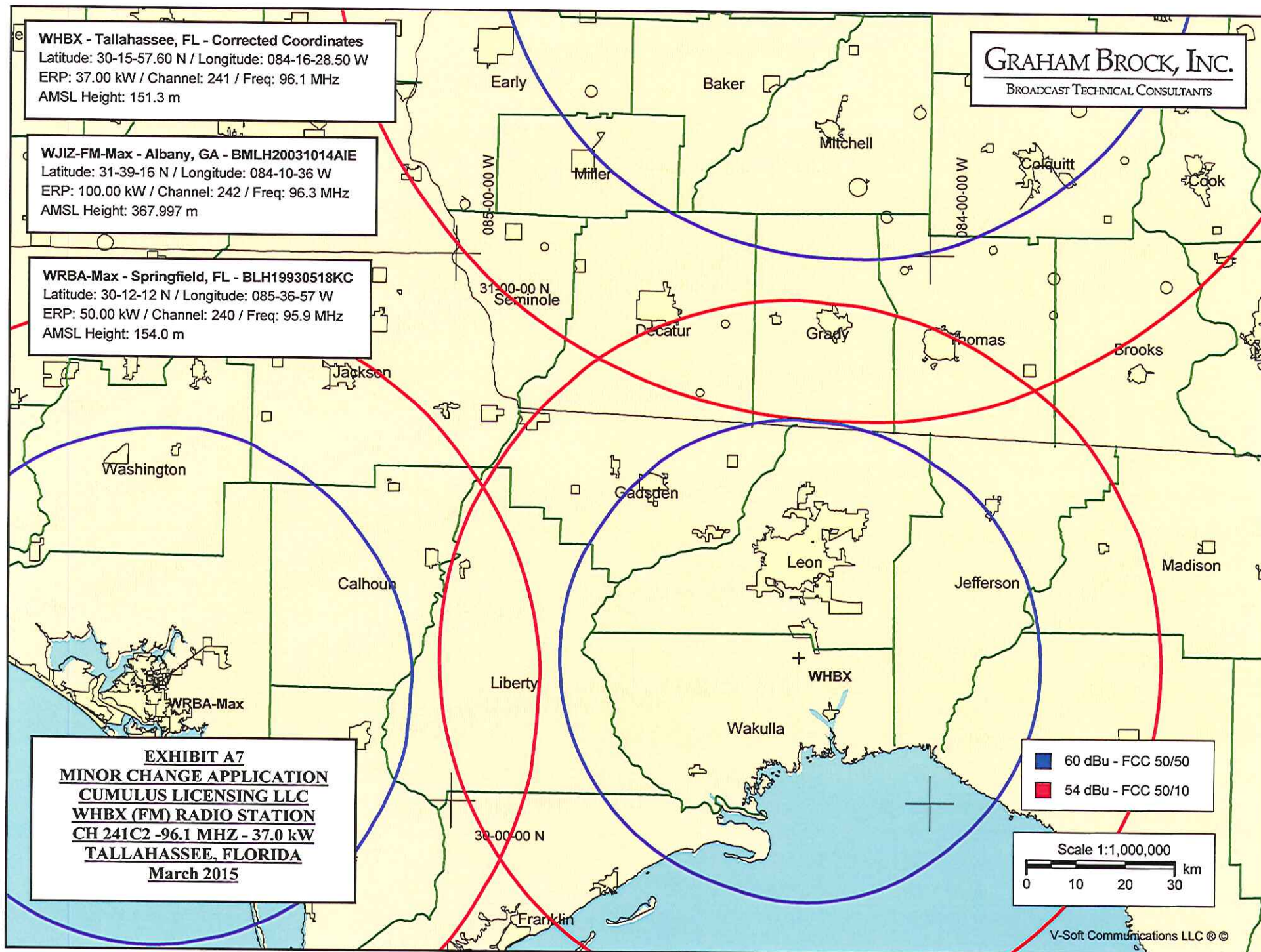


**WHBX - Tallahassee, FL - Corrected Coordinates**  
Latitude: 30-15-57.60 N / Longitude: 084-16-28.50 W  
ERP: 37.00 kW / Channel: 241 / Freq: 96.1 MHz  
AMSL Height: 151.3 m

**WJIZ-FM-Max - Albany, GA - BMLH20031014AIE**  
Latitude: 31-39-16 N / Longitude: 084-10-36 W  
ERP: 100.00 kW / Channel: 242 / Freq: 96.3 MHz  
AMSL Height: 367.997 m

**WRBA-Max - Springfield, FL - BLH19930518KC**  
Latitude: 30-12-12 N / Longitude: 085-36-57 W  
ERP: 50.00 kW / Channel: 240 / Freq: 95.9 MHz  
AMSL Height: 154.0 m

**GRAHAM BROCK, INC.**  
BROADCAST TECHNICAL CONSULTANTS



**MINOR CHANGE APPLICATION**  
**CUMULUS LICENSING LLC**  
**WHBX (FM) RADIO STATION**  
**CH 241C2 -96.1 MHZ - 37.0 kW**  
**TALLAHASSEE, FLORIDA**  
**March 2015**

**EXHIBIT A8**

\$73.215 Contours

North Latitude: 30° 15' 57.6"

West Longitude: 84° 16' 28.5"

HAAT and Distance to Contour,

FCC, FM 2-10 Mi, 51 pts Method - FCC 30 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	100-F1	60-F5	54-F1	40-F1
000	10.8	140.5	37.0000	15.68	1.000	5.33	48.19	72.44	129.75
010	11.9	139.4	37.0000	15.68	1.000	5.31	48.02	72.26	129.58
020	12.5	138.8	37.0000	15.68	1.000	5.30	47.94	72.17	129.50
030	13.3	138.0	37.0000	15.68	1.000	5.29	47.83	72.04	129.39
040	12.6	138.7	37.0000	15.68	1.000	5.30	47.93	72.15	129.49
<b>045</b>	<b>10.9</b>	<b>140.4</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.33</b>	<b>48.17</b>	<b>72.43</b>	<b>129.74</b>
050	10.0	141.3	37.0000	15.68	1.000	5.35	48.29	72.56	129.86
060	10.0	141.3	37.0000	15.68	1.000	5.35	48.30	72.57	129.86
070	7.5	143.8	37.0000	15.68	1.000	5.40	48.64	72.96	130.21
080	7.5	143.8	37.0000	15.68	1.000	5.40	48.65	72.96	130.21
<b>090</b>	<b>6.4</b>	<b>144.9</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.42</b>	<b>48.80</b>	<b>73.13</b>	<b>130.36</b>
100	4.8	146.5	37.0000	15.68	1.000	5.45	49.02	73.39	130.59
110	3.8	147.5	37.0000	15.68	1.000	5.47	49.16	73.54	130.73
120	4.0	147.3	37.0000	15.68	1.000	5.46	49.13	73.51	130.70
130	4.3	147.0	37.0000	15.68	1.000	5.45	49.09	73.46	130.65
<b>135</b>	<b>4.2</b>	<b>147.1</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.46</b>	<b>49.10</b>	<b>73.48</b>	<b>130.67</b>
140	4.4	146.9	37.0000	15.68	1.000	5.45	49.08	73.45	130.64
150	3.0	148.3	37.0000	15.68	1.000	5.48	49.27	73.67	130.84
160	0.2	151.1	37.0000	15.68	1.000	5.53	49.64	74.09	131.22
170	0.0	151.3	37.0000	15.68	1.000	5.54	49.67	74.12	131.25
<b>180</b>	<b>1.3</b>	<b>150.0</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.51</b>	<b>49.49</b>	<b>73.92</b>	<b>131.07</b>
190	5.5	145.8	37.0000	15.68	1.000	5.43	48.92	73.28	130.49
200	9.0	142.3	37.0000	15.68	1.000	5.37	48.44	72.73	130.00
210	8.8	142.5	37.0000	15.68	1.000	5.37	48.47	72.76	130.03
220	8.3	143.0	37.0000	15.68	1.000	5.38	48.53	72.83	130.09
<b>225</b>	<b>8.4</b>	<b>142.9</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.38</b>	<b>48.52</b>	<b>72.81</b>	<b>130.08</b>
230	8.8	142.5	37.0000	15.68	1.000	5.37	48.46	72.76	130.03
240	9.7	141.6	37.0000	15.68	1.000	5.35	48.34	72.61	129.90
250	9.9	141.4	37.0000	15.68	1.000	5.35	48.30	72.58	129.87
260	10.0	141.3	37.0000	15.68	1.000	5.35	48.30	72.57	129.86
<b>270</b>	<b>11.1</b>	<b>140.2</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.33</b>	<b>48.15</b>	<b>72.40</b>	<b>129.71</b>
280	10.8	140.5	37.0000	15.68	1.000	5.33	48.18	72.44	129.75
290	10.3	141.0	37.0000	15.68	1.000	5.34	48.25	72.51	129.81
300	12.2	139.1	37.0000	15.68	1.000	5.31	47.99	72.22	129.55
310	11.5	139.8	37.0000	15.68	1.000	5.32	48.08	72.33	129.64
<b>315</b>	<b>10.8</b>	<b>140.5</b>	<b>37.0000</b>	<b>15.68</b>	<b>1.000</b>	<b>5.33</b>	<b>48.18</b>	<b>72.44</b>	<b>129.74</b>
320	10.9	140.4	37.0000	15.68	1.000	5.33	48.16	72.42	129.72
330	8.4	142.9	37.0000	15.68	1.000	5.38	48.53	72.83	130.09
340	9.5	141.8	37.0000	15.68	1.000	5.36	48.36	72.64	129.92
350	10.0	141.3	37.0000	15.68	1.000	5.35	48.30	72.57	129.86

Ave El= 8.00 M HAAT= 143.30 M AMSL= 151.3 M (HAAT Based on 8 Radials)