

**Graham Brock, Inc.
St. Simons Island, GA**

AM Detailed Individual Night Limit for Study Site

Title: Bunnell

Frequency: 1550 kHz

Database: FCC

Latitude: N 29° 27' 51.0"

Longitude: W 81° 15' 56.0"

Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	-----Azimuth-----		Mid-Pt Lat		-----Theta-----		Horiz. Rad. (mV/m)	Max. V-Rad. (mV/m)	S.W. Mult. (uV/m)	Night Limit (mV/m)		RSS Limit (mV/m)
								To (deg)	From (deg)	GC (deg)	GeoMag (deg)	Min (deg)	Max (deg)						
WAZX	LIC	Smyrna	GA	1550	.500	580.6	614.1	328.8	147.1	31.7	42.8	12.6	21.1	422.5	401.0	100.52	8.062	100.0	8.062
WBSC	LIC	Bennettsville	SC	1550	5.000	598.4	631.0	13.8	194.7	32.1	43.3	12.2	20.4	326.2	300.6	96.35	5.793	71.9	9.927
WLOR	CP	Huntsville	AL	1550	.400	779.1	804.3	320.7	137.8	32.2	43.2	8.7	15.3	390.4	378.5	66.69	5.049	50.9	11.137
----- 50% Exclusion -----																			
XERUV		Jalapa	Mx	1550	10.000	1925.7	1936.0	238.6	52.1	24.7	35.4	.0	2.7	1131.2	1131.2	18.92	4.281	38.4	11.932
WRHC	LIC	Coral Gables	FL	1550	.500	424.2	468.9	167.0	347.5	27.6	38.8	17.8	28.4	134.1	125.6	150.99	3.793	31.8	12.520
----- 25% Exclusion -----																			
WDZK	LIC	Bloomfield	CT	1550	2.400	1577.3	1590.0	26.8	211.8	35.7	47.1	1.7	5.1	492.3	491.9	19.37	1.906	15.2	12.664
WMDH	LIC	New Castle	IN	1550	.250	1223.5	1239.8	343.1	160.8	34.7	45.8	4.0	8.3	251.3	248.5	31.51	1.566	12.4	12.761
HJZI		Bogota 12	Co	1550	5.000	2921.9	2928.7	163.8	345.9	16.8	28.2	.0	.0	692.0	692.0	11.20	1.550	12.1	12.855
WITK	LIC	Pittston	PA	1550	.500	1410.5	1424.6	19.1	202.2	35.4	46.7	2.6	6.4	301.4	300.7	24.00	1.443	11.2	12.935
WQEW	LIC	New York	NY	1560	50.000	1417.1	1431.1	26.1	210.3	35.1	46.5	2.6	6.4	2783.3	2770.1	23.98	1.329	10.3	13.003
HJCB		Barranquilla	Co	1550	1.000	2173.5	2182.7	160.5	342.8	20.2	31.6	.0	1.4	303.5	303.5	17.14	1.040	8.0	13.045

>> End of Detailed Night Limit Study <<

EXHIBIT #4A
MINOR CHANGE AMENDMENT
TO BNP-20010612ADO
FLAG RADIO, INC.
NEW AM RADIO STATION
BUNNELL, FLORIDA
February 2002

**Graham Brock, Inc.
St. Simons Island, GA**

AM Night Permissible Radiation Study

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Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	---Azimuth-- To From (deg) (deg)		Mid-Pt Lat GC GMag (deg) (deg)		--- Theta --- Min Max (deg) (deg)		S.W. Mult. (uV/m)	50% Limit (mV/m)	25% Limit (mV/m)	Req'd Prot. (mV/m)	Permis Rad. (mV/m)	Current Rad. (mV/m)	Margin (mV/m)
WLOR	LIC	Huntsville	AL	1550	.500	771.9	797.4	320.9	138.0	32.1	43.2	8.8	15.5	67.59	4.514	5.004	1.251	92.5	0.0	92.5
XERUV=3.823; WAZX=2.400; KSFT=2.161																				
CMOR		Nueva Gerona	Cu	1550	1.000	858.2	881.2	190.5	9.9	25.7	36.8	10.6	10.6	80.07	8.994	8.994	4.000	249.8F	0.0	249.8
WRHC=6.691; XERUV=6.009																				
WRHC	LIC	Coral Gables	FL	1550	.500	424.2	468.9	167.0	347.5	27.6	38.8	17.8	28.4	150.99	8.060	9.153	2.288	75.8	0.0	75.8
WBSC=6.419; XERUV=4.875; WAZX=3.235; WLOR=2.888																				
WCVL	LIC	Crawfordsville	IN	1550	.250	1286.5	1302.0	337.9	154.6	34.8	45.8	3.5	7.6	28.90	4.771	5.299	1.325	229.2	0.0	229.2
KXEL=4.071; WMDH=2.488; XERUV=2.306																				
WMDH	LIC	New Castle	IN	1550	.250	1223.5	1239.8	343.1	160.8	34.7	45.8	4.0	8.3	31.51	4.045	4.045	1.011	160.5	0.0	160.5
KXEL=3.379; XERUV=2.225																				
KSFT	LIC	St. Joseph	MO	1550	5.000	1675.3	1687.2	316.4	128.7	34.8	45.6	1.1	4.3	18.24	3.263	3.654	.913	250.4	0.0	250.4
XERUV=2.796; KZRK=1.682; KXEL=1.021; XENU=.928; WLOR=.894																				
-2000013	APP	Flowood	MS	1550	1.500	913.0	934.7	293.0	108.3	31.0	41.9	6.9	12.6	53.32	6.769	6.769	.692	158.7	0.0	158.7
XERUV=5.815; WLOR=3.465																				
CBE-048		Windsor	Cn	1550	10.000	2074.9	2084.6	15.3	199.8	38.4	49.8	.6	.6	9.38	48.0	895.0	.500	266.4S	0.0	266.4
CBE-066		Windsor	Cn	1550	10.000	1892.2	1902.7	21.5	206.9	37.3	48.7	1.5	1.5	12.44	66.0	892.2	.500	201.0S	0.0	201.0
CBE-067		Windsor	Cn	1550	10.000	1603.6	1616.0	9.7	191.7	36.6	47.8	3.2	3.2	21.37	67.0	435.7	.693	162.1s	0.0	162.1
CBE-070		Windsor	Cn	1550	10.000	1621.3	1633.6	12.5	195.1	36.6	47.8	3.1	3.1	20.59	70.0	510.8	.684	166.1s	0.0	166.1
CBE-079		Windsor	Cn	1550	10.000	1477.3	1490.8	6.0	187.1	36.1	47.3	4.1	4.1	27.53	79.0	293.8	.629	114.3s	0.0	114.3
CBE-085		Windsor	Cn	1550	10.000	1435.3	1449.1	3.0	183.5	35.9	47.1	4.4	4.4	29.83	85.0	211.5	.500	83.8s	0.0	83.8
CBE-094		Windsor	Cn	1550	10.000	1408.3	1422.4	359.4	179.3	35.8	47.0	4.6	4.6	31.41	94.0	121.4	.520	82.7g	0.0	82.7
CBE-103		Windsor	Cn	1550	10.000	1394.7	1408.9	358.4	178.2	35.7	46.9	4.7	4.7	32.24	103.0	101.9	.753	116.8g	0.0	116.8
CBE-172		Windsor	Cn	1550	10.000	1369.1	1383.6	354.5	173.6	35.6	46.7	4.9	4.9	33.83	172.0	56.4	.943	139.4g	0.0	139.4
CBE-331		Windsor	Cn	1550	10.000	2167.6	2176.8	346.4	162.1	38.9	49.9	.2	.2	8.32	331.0	781.3	.500	300.4S	0.0	300.4
CBE-341		Windsor	Cn	1550	10.000	2248.4	2257.3	349.8	166.3	39.4	50.4	.0	.0	7.50	341.0	835.6	.500	333.3S	0.0	333.3

EXHIBIT #4B

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

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WITK	LIC	Pittston	PA	1550	.500	1410.5	1424.6	19.1	202.2	35.4	46.7	2.6	6.4	24.00	3.451	4.420	1.105	230.3	0.0	230.3
WQEW=3.451; WDZK=1.653; XERUV=1.391; KXEL=1.317; WMDH=1.111																				
WBSC	LIC	Bennettsville	SC	1550	5.000	598.4	631.0	13.8	194.7	32.1	43.3	12.2	20.4	96.35	6.685	8.305	2.076	107.7	0.0	107.7
WAZX=3.949; WLOR=3.179; WMDH=3.102; WITK=3.061; WDZK=2.974; WQEW=2.870; XERUV=2.682																				
WCTZ	LIC	Clarksville	TN	1550	.250	970.4	990.8	325.7	142.4	33.0	44.1	6.2	11.6	47.44	5.108	5.806	1.451	153.0	0.0	153.0
XERUV=3.304; KSFT=2.908; WMDH=2.592; WAZX=1.985; WLOR=1.917																				
XERUV-03		Jalapa	Mx	1550	10.000	1865.2	1875.9	239.3	52.9	25.0	35.7	1.7	1.7	13.03	31.0	65.0	.501	192.3g	0.0	192.3
XERUV-10		Jalapa	Mx	1550	10.000	1886.0	1896.5	237.1	50.8	24.6	35.3	1.5	1.5	12.57	103.0	64.0	.500	198.9G	0.0	198.9
XERUV-33		Jalapa	Mx	1550	10.000	1911.2	1921.7	240.5	53.8	25.0	35.7	1.4	1.4	12.05	336.0	64.0	.500	207.6G	0.0	207.6

>> End of AM Night Permissible Radiation Study <<

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Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)
3.0	CBE-085	Windsor	Cn	4.4	4.4	83.8
6.0	CBE-079	Windsor	Cn	4.1	4.1	114.3
9.7	CBE-067	Windsor	Cn	3.2	3.2	162.1
12.5	CBE-070	Windsor	Cn	3.1	3.1	166.1
13.8	WBSC	Bennettsville	SC	12.2	20.4	107.7
15.3	CBE-048	Windsor	Cn	.6	.6	266.4
19.1	WITK	Pittston	PA	2.6	6.4	230.3
21.5	CBE-066	Windsor	Cn	1.5	1.5	201.0
167.0	WRHC	Coral Gables	FL	17.8	28.4	75.8
190.5	CMOR	Nueva Gerona	Cu	10.6	10.6	249.8
237.1	XERUV-10	Jalapa	Mx	1.5	1.5	198.9
239.3	XERUV-03	Jalapa	Mx	1.7	1.7	192.3
240.5	XERUV-33	Jalapa	Mx	1.4	1.4	207.6
293.0	-2000013	Flowood	MS	6.9	12.6	158.7
316.4	KSFT	St. Joseph	MO	1.1	4.3	250.4
320.9	WLOR	Huntsville	AL	8.8	15.5	92.5
328.8	WAZX	Smyrna	GA	12.6	21.1	152.0
337.9	WCVL	Crawfordsville	IN	3.5	7.6	229.2
343.1	WMDH	New Castle	IN	4.0	8.3	160.5
346.4	CBE-331	Windsor	Cn	.2	.2	300.4
349.8	CBE-341	Windsor	Cn	.0	.0	333.3
354.5	CBE-172	Windsor	Cn	4.9	4.9	139.4
358.4	CBE-103	Windsor	Cn	4.7	4.7	116.8
359.4	CBE-094	Windsor	Cn	4.6	4.6	82.7

Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)
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>> End of Permissible Radiation Limit Summary <<

EXHIBIT #4C