

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

Job Title: BUNNELL

The metric system of units will be used.

Station: NEW AM

Frequency: 1550 kHz

Coordinates: N 29° 29' 30.0" W 81° 16' 20.0"

The following codes apply to the permissible radiation values:

S	skywave contour protection
s	truncated skywave protection
G	groundwave contour protection
g	truncated groundwave protection
=	limited to present radiation value
-	10% radiation reduction calculated
F	foreign (protect 1/2 of 50% RSS or smallest contributor)

Disclaimer: Graham Brock, Inc. assumes no liability for any errors or omissions in the information hereby provided, and shall not be liable for any injuries or damages (including consequential) which might result from use of the said information.

**EXHIBIT #4
FLAG RADIO, INC.
NEW AM RADIO STATION
1550 kHz
0.45/10.0 kW DAN
BUNNELL, FLORIDA
January 2000**

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

AM Detailed Individual Night Limit for Study Site

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"
Longitude: W 81° 16' 20.0"

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	577.7	611.3	328.7	147.0	31.7	42.8	12.7	21.2	423.5	401.6	101.20	8.128	8.128
WLOR	LIC	Huntsville	AL	1550	.500	769.2	794.7	320.7	137.9	32.1	43.2	8.9	15.5	442.0	426.8	67.94	5.799	9.985
WBSC	LIC	Bennettsville	SC	1550	5.000	595.6	628.3	14.0	194.8	32.1	43.3	12.2	20.5	322.2	296.7	96.95	5.753	11.523
50% Exclusion																		
XERUV		Jalapa	Mx	1550	10.000	1926.7	1937.0	238.5	52.0	24.7	35.4	.0	2.7	1131.2	1131.2	18.90		
WRHC	LIC	Coral Gables	FL	1550	.500	427.3	471.8	167.0	347.5	27.6	38.8	17.7	28.2	134.1	125.7	149.71	37.1	12.291
25% Exclusion																		
CBE		Windsor	Cn	1550	10.000	1422.3	1436.3	354.5	173.5	35.9	47.0	2.6	6.3	493.0	491.9	23.45	2.307	12.506
WDZK	LIC	Bloomfield	CT	1550	2.400	1574.9	1587.5	26.9	211.9	35.8	47.1	1.7	5.1	491.3	490.8	19.42	1.906	12.650
WJRZ	CP	Toms River	NJ	1550	3.000	1330.5	1345.4	26.8	210.8	34.8	46.1	3.2	7.2	346.0	346.3	27.07	1.875	12.788
HJZI		Bogota 12	Co	1550	5.000	2853.2	2860.2	163.4	345.5	17.1	28.5	.0	.0	692.0	692.0	11.58	1.603	12.888
WMDH	CP	New Castle	IN	1550	.250	1220.4	1236.7	343.1	160.8	34.7	45.8	4.0	8.3	251.3	248.5	31.63	1.572	12.984
HITS		Tamayo	Dr	1550	1.000	1601.9	1614.3	138.1	322.2	24.0	35.4	1.5	4.9	303.5	303.3	25.63	1.555	13.077
WKQV	LIC	Pittston	PA	1550	.500	1407.8	1421.9	19.1	202.3	35.4	46.8	2.7	6.5	301.0	300.3	24.07	1.446	13.156
TGCK		Sultana	Gt	1550	1.000	1823.4	1834.3	209.4	26.3	22.3	33.3	.4	3.4	309.5	309.5	21.98	1.360	13.226
WQEW	LIC	New York	NY	1560	50.000	1414.6	1428.7	26.1	210.4	35.2	46.5	2.6	6.4	2783.8	2770.4	24.05	1.332	13.293
WCVL	LIC	Crawfordsville	IN	1550	.250	1283.4	1298.9	337.8	154.6	34.8	45.9	3.5	7.6	227.0	225.3	29.01	1.307	13.357
HJCB		Barranquilla	Co	1550	1.000	2176.6	2185.8	160.6	342.8	20.2	31.6	.0	1.4	303.5	303.5	17.09	1.037	13.398
WPAD	LIC	Paducah	KY	1560	5.000	1081.2	1099.5	322.9	138.9	33.3	44.3	5.1	10.0	1272.1	1265.7	39.82	1.008	13.435
HJGY		Lorica 1	Co	1550	1.000	2322.0	2330.6	164.8	346.7	19.4	30.7	.0	.6	303.5	303.5	15.65	.950	13.469
XE		Puerto Escondid	Mx	1550	1.000	2217.4	2226.4	230.3	44.1	22.9	33.6	.0	1.1	300.0	300.0	15.71	.943	13.502
ZNS-1		Nassau	Bf	1540	50.000	631.8	662.7	141.2	323.0	27.3	38.6	1.4	19.3	519.8	501.5	93.32	.936	13.534
XEDV		El Oro	Mx	1550	1.000	2183.3	2192.5	244.8	56.9	25.0	35.5	.0	1.3	295.4	295.4	15.21	.899	13.564
KSFT	LIC	St. Joseph	MO	1550	5.000	1672.6	1684.5	316.3	128.6	34.8	45.6	1.1	4.4	244.7	244.4	18.28	.894	13.594
XETAM		Cd.Victoria	Mx	1550	.500	1884.4	1895.0	254.4	66.3	26.9	37.5	.1	3.0	212.1	212.1	18.38	.780	13.616
XE0032		Guadalajara	Mx	1550	1.000	2417.9	2426.1	251.3	61.8	25.5	35.9	.0	.2	304.3	304.3	12.54	.763	13.637
HJQD		Calarca	Co	1550	1.000	2839.4	2846.4	166.9	348.6	17.0	28.4	.0	.0	303.5	303.5	11.72	.711	13.656
XENU		Nuevo Laredo	Mx	1550	.250	1797.6	1808.7	267.4	78.6	28.8	39.4	.5	3.5	182.7	182.7	18.65	.681	13.673

*(WRHC OPERATING ON 1560 kHz – NOT CONSIDERED)

>> End of Detailed Night Limit Study <<

EXHIBIT #4A
FLAG RADIO, INC.
NEW AM RADIO STATION
1550 kHz
0.45/10.0 kW DAN
BUNNELL, FLORIDA
January 2000

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

Permissible Radiation Limit Summary

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)
4	CBE-084	Windsor	Cn	4.3	4.3	90.4
6	CBE-083	Windsor	Cn	4.2	4.2	106.9
7	CBE-079	Windsor	Cn	3.8	4.1	116.5
9	CBE-031	Windsor	Cn	.0	.0	315.8
10	CBE-034	Windsor	Cn	.0	.1	308.0
11	CBE-037	Windsor	Cn	.1	.2	300.0
12	CBE-039	Windsor	Cn	.2	.2	294.5
13	CBE-042	Windsor	Cn	.3	.3	286.0
14	WBSC	Bennettsville	SC	12.2	20.5	148.0
	CBE-045	Windsor	Cn	.4	.5	277.3
15	CBE-063	Windsor	Cn	2.3	2.3	205.1
	CBE-048	Windsor	Cn	.5	.6	267.7
16	CBE-062	Windsor	Cn	2.1	2.1	211.5
	CBE-050	Windsor	Cn	.6	.7	261.2
17	CBE-053	Windsor	Cn	.7	.8	251.3
18	CBE-056	Windsor	Cn	.8	.9	241.4
19	CBE-059	Windsor	Cn	1.0	1.1	229.7
20	CBE-061	Windsor	Cn	1.2	1.2	221.9
138	HITS	Tamayo	Dr	3.2	3.2	761.1
155	CMHO	Nuevitas	Cu	9.0	9.0	332.3
167	WRHC	Coral Gables	FL	17.7	28.2	79.8
179	Gun Bluf	Gun Bluff	Cj	7.1	7.1	397.0
190	CMOR	Nueva Gerona	Cu	10.6	10.6	282.1
236	XERU-098	Jalapa	Mx	1.6	1.7	192.0
237	XERU-075	Jalapa	Mx	1.1	1.7	186.4
238	XERU-053	Jalapa	Mx	1.0	1.8	182.7
239	XERU-050	Jalapa	Mx	1.0	1.8	182.6
240	XERU-032	Jalapa	Mx	1.1	1.8	183.3
316	KSFT	St. Joseph	MO	1.1	4.4	297.1
321	WLOR	Huntsville	AL	8.9	15.5	137.1

Azimuth	Call	City	St	T-Min (deg)	T-Max (deg)	Rad. (mV/m)
329	WAZX	Smyrna	GA	12.7	21.3	167.4
338	WCVL	Crawfordsville	IN	3.5	7.6	359.0
343	WMDH	New Castle	IN	4.0	8.3	353.1
354	CBE-173	Windsor	Cn	4.6	4.9	146.0
355	CBE-154	Windsor	Cn	5.0	5.0	133.8
356	CBE-142	Windsor	Cn	4.9	5.0	128.5
357	CBE-136	Windsor	Cn	4.8	4.9	131.8
358	CBE-104	Windsor	Cn	4.7	4.8	112.7
359	CBE-095	Windsor	Cn	4.6	4.7	78.8
360	CBE-092	Windsor	Cn	4.4	4.6	79.7

>> End of Permissible Radiation Limit Summary <<

**EXHIBIT #4B
FLAG RADIO, INC.
NEW AM RADIO STATION
1550 kHz
0.45/10.0 kW DAN
BUNNELL, FLORIDA
January 2000**

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

Title: Bunnell

Frequency: 1550 kHz

AM Night Permissible Radiation Study

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
Gun Bluf		Gun Bluff	Cj	1550	20.000	1131.4	1148.9	179.1	359.2	24.4	35.6	7.1	7.1	51.77	8.222	10.168	4.111	397.0F	0.0	397.0
WRHC=7.008; XERUV=4.300; TGCK=3.797; HITS=3.550; HJCB=2.961																				
CMOR		Nueva Gerona	Cu	1550	1.000	861.1	884.0	190.5	9.8	25.7	36.8	10.6	10.6	79.72	8.994	10.003	4.497	282.1F	0.0	282.1
WRHC=6.691; XERUV=6.009; TGCK=3.630; HITS=2.449																				
CMHO		Nuevitas	Cu	1550	.250	969.9	990.3	154.6	336.4	25.5	36.8	9.0	9.0	67.26	9.353	9.733	4.470	332.3F	0.0	332.3
WBSC=6.020; HITS=5.591; WRHC=4.470; HJCB=2.692																				
WLOR	LIC	Huntsville	AL	1550	.500	769.2	794.7	320.7	137.9	32.1	43.2	8.9	15.5	67.94	6.234	7.451	1.863	137.1	0.0	137.1
WPAD=4.924; XERUV=3.823; CBE=2.496; WAZX=2.400; KSFT=2.161																				
WRHC	LIC	Coral Gables	FL	1550	.500	427.3	471.8	167.0	347.5	27.6	38.8	17.7	28.2	149.71	8.060	9.554	2.388	79.8	0.0	79.8
WBSC=6.419; XERUV=4.875; WAZX=3.235; WLOR=3.172; HITS=2.405																				
WAZX	LIC	Smyrna	GA	1550	.500	577.7	611.3	328.7	147.0	31.7	42.8	12.7	21.2	01.20	13.031	13.555	3.389	167.4	0.0	167.4
WLOR=13.031; XERUV=3.731																				
WCVL	LIC	Crawfordsville	IN	1550	.250	1283.4	1298.9	337.8	154.6	34.8	45.9	3.5	7.6	29.01	7.608	8.330	2.083	359.0	0.0	359.0
CBE=6.427; KXEL=4.071; WMDH=2.488; XERUV=2.306																				
WMDH	CP	New Castle	IN	1550	.250	1220.4	1236.7	343.1	160.8	34.7	45.8	4.0	8.3	31.63	7.398	8.937	2.234	353.1	0.0	353.1
CBE=7.398; KXEL=3.379; WCVL=2.962; XERUV=2.225																				
KSFT	LIC	St. Joseph	MO	1550	5.000	1672.6	1684.5	316.3	128.6	34.8	45.6	1.1	4.4	18.28	3.867	4.346	1.087	297.1	0.0	297.1
XERUV=2.796; CBE=2.672; WLOR=1.630; WCVL=1.130																				
CBE-030		Windsor	Cn	1550	10.000	1457.6	1471.3	355.5	174.7	36.0	47.2	4.2	4.2	28.59	30.0	43.6	10.908	1907.7g	0.0	1907.7
CBE-031		Windsor	Cn	1550	10.000	2207.0	2216.0	9.1	192.2	39.3	50.6	.0	.0	7.92	31.0	902.8	.500	315.8S	0.0	315.8
CBE-032		Windsor	Cn	1550	10.000	2200.6	2209.7	9.5	192.7	39.2	50.5	.0	.0	7.98	32.0	902.8	.500	313.2S	0.0	313.2
CBE-033		Windsor	Cn	1550	10.000	2194.2	2203.3	9.9	193.2	39.2	50.5	.0	.0	8.05	33.0	902.8	.500	310.6S	0.0	310.6
CBE-034		Windsor	Cn	1550	10.000	2187.5	2196.7	10.3	193.6	39.2	50.4	.1	.1	8.12	34.0	902.8	.500	308.0S	0.0	308.0
CBE-035		Windsor	Cn	1550	10.000	2180.8	2189.9	10.7	194.1	39.1	50.4	.1	.1	8.19	35.0	902.8	.500	305.4S	0.0	305.4
CBE-036		Windsor	Cn	1550	10.000	2173.8	2183.0	11.0	194.6	39.1	50.4	.1	.1	8.26	36.0	902.8	.500	302.7S	0.0	302.7

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**EXHIBIT #4C
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1550 kHz
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Graham Brock, Inc.
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AM Night Permissible Radiation Study

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Latitude: N 29° 29' 30.0"
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Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta ---		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)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
CBE-037		Windsor	Cn	1550	10.000	2166.7	2175.9	11.4	195.1	39.0	50.3	.2	.2	8.33	37.0	902.8	.500	300.0S	0.0	300.0
CBE-038		Windsor	Cn	1550	10.000	2159.5	2168.7	11.8	195.5	39.0	50.3	.2	.2	8.41	38.0	902.8	.500	297.3S	0.0	297.3
CBE-039		Windsor	Cn	1550	10.000	2152.1	2161.3	12.2	196.0	38.9	50.2	.2	.2	8.49	39.0	902.8	.500	294.5S	0.0	294.5
CBE-040		Windsor	Cn	1550	10.000	2144.5	2153.8	12.5	196.5	38.9	50.2	.3	.3	8.57	40.0	902.8	.500	291.7S	0.0	291.7
CBE-041		Windsor	Cn	1550	10.000	2136.8	2146.1	12.9	196.9	38.8	50.1	.3	.3	8.65	41.0	902.8	.500	288.9S	0.0	288.9
CBE-042		Windsor	Cn	1550	10.000	2128.9	2138.3	13.3	197.4	38.8	50.1	.3	.3	8.74	42.0	902.8	.500	286.0S	0.0	286.0
CBE-043		Windsor	Cn	1550	10.000	2120.9	2130.3	13.7	197.8	38.7	50.0	.4	.4	8.83	43.0	902.8	.500	283.1S	0.0	283.1
CBE-044		Windsor	Cn	1550	10.000	2112.8	2122.2	14.0	198.3	38.7	50.0	.4	.4	8.92	44.0	902.8	.500	280.2S	0.0	280.2
CBE-045		Windsor	Cn	1550	10.000	2104.4	2113.9	14.4	198.7	38.6	49.9	.5	.5	9.02	45.0	902.8	.500	277.3S	0.0	277.3
CBE-046		Windsor	Cn	1550	10.000	2096.0	2105.5	14.8	199.2	38.6	49.9	.5	.5	9.11	46.0	902.8	.500	274.3S	0.0	274.3
CBE-047		Windsor	Cn	1550	10.000	2087.4	2096.9	15.1	199.6	38.5	49.8	.5	.5	9.23	47.0	902.8	.500	271.0S	0.0	271.0
CBE-048		Windsor	Cn	1550	10.000	2078.6	2088.2	15.5	200.1	38.5	49.8	.6	.6	9.34	48.0	902.8	.500	267.7S	0.0	267.7
CBE-049		Windsor	Cn	1550	10.000	2069.7	2079.3	15.9	200.5	38.4	49.7	.6	.6	9.45	49.0	902.8	.500	264.5S	0.0	264.5
CBE-050		Windsor	Cn	1550	10.000	2060.6	2070.3	16.2	200.9	38.3	49.7	.7	.7	9.57	50.0	902.7	.500	261.2S	0.0	261.2
CBE-051		Windsor	Cn	1550	10.000	2051.4	2061.1	16.6	201.4	38.3	49.6	.7	.7	9.69	51.0	902.7	.500	257.9S	0.0	257.9
CBE-052		Windsor	Cn	1550	10.000	2041.9	2051.7	16.9	201.8	38.2	49.6	.8	.8	9.82	52.0	902.5	.500	254.6S	0.0	254.6
CBE-053		Windsor	Cn	1550	10.000	2032.4	2042.2	17.3	202.2	38.2	49.5	.8	.8	9.95	53.0	902.5	.500	251.3S	0.0	251.3
CBE-054		Windsor	Cn	1550	10.000	2022.8	2032.6	17.7	202.6	38.1	49.5	.8	.8	10.08	54.0	902.5	.500	248.0S	0.0	248.0
CBE-055		Windsor	Cn	1550	10.000	2013.0	2022.9	18.0	203.0	38.1	49.4	.9	.9	10.22	55.0	902.5	.500	244.7S	0.0	244.7
CBE-056		Windsor	Cn	1550	10.000	2003.0	2012.9	18.4	203.4	38.0	49.3	.9	.9	10.36	56.0	902.3	.500	241.4S	0.0	241.4
CBE-057		Windsor	Cn	1550	10.000	1992.9	2002.9	18.7	203.8	37.9	49.3	1.0	1.0	10.52	57.0	902.2	.500	237.6S	0.0	237.6
CBE-058		Windsor	Cn	1550	10.000	1982.7	1992.7	19.1	204.2	37.9	49.2	1.0	1.0	10.70	58.0	902.2	.500	233.7S	0.0	233.7
CBE-059		Windsor	Cn	1550	10.000	1972.2	1982.3	19.4	204.6	37.8	49.2	1.1	1.1	10.88	59.0	901.9	.500	229.7S	0.0	229.7
CBE-060		Windsor	Cn	1550	10.000	1961.7	1971.9	19.7	205.0	37.7	49.1	1.2	1.2	11.07	60.0	901.9	.500	225.8S	0.0	225.8
CBE-061		Windsor	Cn	1550	10.000	1950.9	1961.1	20.1	205.4	37.7	49.0	1.2	1.2	11.27	61.0	901.6	.500	221.9S	0.0	221.9
CBE-062		Windsor	Cn	1550	10.000	1789.7	1800.8	15.6	199.3	37.2	48.5	2.1	2.1	14.85	62.0	686.3	.628	211.5s	0.0	211.5
CBE-063		Windsor	Cn	1550	10.000	1757.7	1769.0	15.0	198.5	37.1	48.4	2.3	2.3	15.71	63.0	651.0	.644	205.1s	0.0	205.1
CBE-064		Windsor	Cn	1550	10.000	1586.2	1598.8	7.4	189.0	36.6	47.8	3.3	3.3	22.17	64.0	374.0	.689	155.3s	0.0	155.3
CBE-065		Windsor	Cn	1550	10.000	1567.5	1580.2	6.8	188.1	36.5	47.7	3.4	3.4	23.08	65.0	348.3	.677	146.7s	0.0	146.7
CBE-066		Windsor	Cn	1550	10.000	1560.6	1573.4	6.8	188.1	36.5	47.7	3.5	3.5	23.42	66.0	345.0	.676	144.3s	0.0	144.3
CBE-067		Windsor	Cn	1550	10.000	1553.8	1566.6	6.8	188.1	36.4	47.7	3.5	3.5	23.77	67.0	341.7	.674	141.8s	0.0	141.8
CBE-068		Windsor	Cn	1550	10.000	1547.0	1559.8	6.8	188.1	36.4	47.6	3.6	3.6	24.12	68.0	338.4	.672	139.4s	0.0	139.4
CBE-069		Windsor	Cn	1550	10.000	1540.6	1553.5	6.8	188.1	36.4	47.6	3.6	3.6	24.40	69.0	335.8	.670	137.4s	0.0	137.4
CBE-070		Windsor	Cn	1550	10.000	1534.9	1547.9	6.8	188.2	36.3	47.6	3.7	3.7	24.66	70.0	334.9	.669	135.7s	0.0	135.7

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
CBE-071		Windsor	Cn	1550	10.000	1529.2	1542.3	6.9	188.2	36.3	47.6	3.7	3.7	24.93	71.0	334.0	.668	134.0s	0.0	134.0
CBE-072		Windsor	Cn	1550	10.000	1523.6	1536.7	7.0	188.3	36.3	47.5	3.7	3.7	25.20	72.0	333.2	.667	132.3s	0.0	132.3
CBE-073		Windsor	Cn	1550	10.000	1518.7	1531.8	7.1	188.5	36.3	47.5	3.8	3.8	25.44	73.0	334.3	.666	131.0s	0.0	131.0
CBE-074		Windsor	Cn	1550	10.000	1513.9	1527.1	7.2	188.6	36.2	47.5	3.8	3.8	25.67	74.0	336.0	.666	129.8s	0.0	129.8
CBE-075		Windsor	Cn	1550	10.000	1509.1	1522.3	7.4	188.8	36.2	47.5	3.8	3.8	25.91	75.0	337.7	.666	128.5s	0.0	128.5
CBE-076		Windsor	Cn	1550	10.000	1501.6	1514.9	7.3	188.6	36.2	47.4	3.9	3.9	26.28	76.0	332.1	.662	126.0s	0.0	126.0
CBE-077		Windsor	Cn	1550	10.000	1492.9	1506.2	7.0	188.3	36.2	47.4	3.9	3.9	26.73	77.0	321.8	.655	122.6s	0.0	122.6
CBE-078		Windsor	Cn	1550	10.000	1484.5	1497.9	6.6	187.9	36.1	47.4	4.0	4.0	27.16	78.0	311.7	.646	119.0s	0.0	119.0
CBE-079		Windsor	Cn	1550	10.000	1477.8	1491.3	6.5	187.7	36.1	47.3	4.1	4.1	27.50	79.0	306.6	.641	116.5s	0.0	116.5
CBE-080		Windsor	Cn	1550	10.000	1471.4	1484.9	6.4	187.6	36.1	47.3	4.1	4.1	27.85	80.0	301.6	.635	114.0s	0.0	114.0
CBE-081		Windsor	Cn	1550	10.000	1465.0	1478.6	6.2	187.4	36.0	47.3	4.1	4.1	28.18	81.0	296.5	.628	111.5s	0.0	111.5
CBE-082		Windsor	Cn	1550	10.000	1458.9	1472.5	6.1	187.2	36.0	47.2	4.2	4.2	28.52	82.0	291.5	.623	109.3s	0.0	109.3
CBE-083		Windsor	Cn	1550	10.000	1452.9	1466.6	5.9	187.0	36.0	47.2	4.2	4.2	28.85	83.0	286.4	.617	106.9s	0.0	106.9
CBE-084		Windsor	Cn	1550	10.000	1438.6	1452.4	3.8	184.4	35.9	47.2	4.3	4.3	29.65	84.0	230.2	.536	90.4s	0.0	90.4
CBE-085		Windsor	Cn	1550	10.000	1425.1	1439.1	359.9	179.9	35.9	47.1	4.4	4.4	30.42	85.0	134.7	.500	82.2G	0.0	82.2
CBE-086		Windsor	Cn	1550	10.000	1422.6	1436.6	359.8	179.8	35.9	47.1	4.5	4.5	30.57	86.0	131.4	.500	81.8G	0.0	81.8
CBE-087		Windsor	Cn	1550	10.000	1420.2	1434.2	359.7	179.6	35.9	47.1	4.5	4.5	30.71	87.0	127.9	.500	81.4G	0.0	81.4
CBE-088		Windsor	Cn	1550	10.000	1417.9	1432.0	359.6	179.6	35.9	47.1	4.5	4.5	30.84	88.0	126.7	.500	81.1G	0.0	81.1
CBE-089		Windsor	Cn	1550	10.000	1415.7	1429.8	359.6	179.5	35.9	47.0	4.5	4.5	30.97	89.0	126.1	.500	80.7G	0.0	80.7
CBE-090		Windsor	Cn	1550	10.000	1413.6	1427.6	359.6	179.5	35.8	47.0	4.5	4.5	31.10	90.0	125.5	.500	80.4G	0.0	80.4
CBE-091		Windsor	Cn	1550	10.000	1411.4	1425.5	359.6	179.5	35.8	47.0	4.5	4.5	31.23	91.0	124.9	.500	80.1G	0.0	80.1
CBE-092		Windsor	Cn	1550	10.000	1409.3	1423.4	359.5	179.4	35.8	47.0	4.6	4.6	31.36	92.0	124.3	.500	79.7G	0.0	79.7
CBE-093		Windsor	Cn	1550	10.000	1407.1	1421.3	359.5	179.4	35.8	47.0	4.6	4.6	31.48	93.0	123.7	.500	79.4G	0.0	79.4
CBE-094		Windsor	Cn	1550	10.000	1405.1	1419.2	359.5	179.4	35.8	47.0	4.6	4.6	31.61	94.0	123.0	.500	79.1G	0.0	79.1
CBE-095		Windsor	Cn	1550	10.000	1403.0	1417.2	359.4	179.3	35.8	47.0	4.6	4.6	31.73	95.0	122.3	.500	78.8G	0.0	78.8
CBE-096		Windsor	Cn	1550	10.000	1401.1	1415.3	359.3	179.2	35.8	47.0	4.6	4.6	31.85	96.0	120.4	.515	80.9g	0.0	80.9
CBE-097		Windsor	Cn	1550	10.000	1399.4	1413.7	359.2	179.1	35.8	47.0	4.6	4.6	31.95	97.0	118.0	.538	84.2g	0.0	84.2
CBE-098		Windsor	Cn	1550	10.000	1397.8	1412.1	359.1	179.0	35.8	47.0	4.7	4.7	32.05	98.0	115.6	.562	87.7g	0.0	87.7
CBE-099		Windsor	Cn	1550	10.000	1396.3	1410.5	359.0	178.8	35.8	47.0	4.7	4.7	32.14	99.0	113.2	.588	91.5g	0.0	91.5
CBE-100		Windsor	Cn	1550	10.000	1394.9	1409.1	358.9	178.7	35.8	46.9	4.7	4.7	32.23	100.0	110.8	.616	95.6g	0.0	95.6
CBE-101		Windsor	Cn	1550	10.000	1393.5	1407.8	358.8	178.6	35.8	46.9	4.7	4.7	32.31	101.0	108.4	.647	100.1g	0.0	100.1
CBE-102		Windsor	Cn	1550	10.000	1392.3	1406.6	358.7	178.4	35.8	46.9	4.7	4.7	32.38	102.0	106.0	.680	104.9g	0.0	104.9
CBE-103		Windsor	Cn	1550	10.000	1391.1	1405.4	358.5	178.3	35.7	46.9	4.7	4.7	32.45	103.0	103.6	.717	110.5g	0.0	110.5
CBE-104		Windsor	Cn	1550	10.000	1389.7	1404.0	358.5	178.2	35.7	46.9	4.7	4.7	32.54	104.0	102.5	.734	112.7g	0.0	112.7

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

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Latitude: N 29° 29' 30.0"
Longitude: W 81° 16' 20.0"

Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta ---		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)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
CBE-105		Windsor	Cn	1550	10.000	1388.4	1402.7	358.4	178.1	35.7	46.9	4.7	4.7	32.62	105.0	101.3	.751	115.1g	0.0	115.1
CBE-106		Windsor	Cn	1550	10.000	1387.1	1401.4	358.3	178.0	35.7	46.9	4.7	4.7	32.70	106.0	100.1	.768	117.5g	0.0	117.5
CBE-107		Windsor	Cn	1550	10.000	1385.8	1400.2	358.3	178.0	35.7	46.9	4.7	4.7	32.78	107.0	98.9	.787	120.0g	0.0	120.0
CBE-108		Windsor	Cn	1550	10.000	1384.6	1399.0	358.2	177.9	35.7	46.9	4.8	4.8	32.86	108.0	97.8	.805	122.5g	0.0	122.5
CBE-109		Windsor	Cn	1550	10.000	1383.5	1397.8	358.1	177.8	35.7	46.9	4.8	4.8	32.93	109.0	96.6	.824	125.2g	0.0	125.2
CBE-110		Windsor	Cn	1550	10.000	1382.4	1396.8	358.0	177.7	35.7	46.9	4.8	4.8	33.00	110.0	95.4	.844	127.9g	0.0	127.9
CBE-111		Windsor	Cn	1550	10.000	1381.3	1395.7	358.0	177.6	35.7	46.9	4.8	4.8	33.06	111.0	94.3	.865	130.9g	0.0	130.9
CBE-112		Windsor	Cn	1550	10.000	1380.3	1394.7	357.9	177.5	35.7	46.9	4.8	4.8	33.12	112.0	93.1	.888	134.1g	0.0	134.1
CBE-113		Windsor	Cn	1550	10.000	1379.4	1393.8	357.8	177.5	35.7	46.9	4.8	4.8	33.18	113.0	91.9	.913	137.5g	0.0	137.5
CBE-114		Windsor	Cn	1550	10.000	1378.4	1392.9	357.8	177.4	35.7	46.9	4.8	4.8	33.24	114.0	90.8	.938	141.1g	0.0	141.1
CBE-115		Windsor	Cn	1550	10.000	1377.6	1392.1	357.7	177.3	35.7	46.9	4.8	4.8	33.29	115.0	89.6	.964	144.8g	0.0	144.8
CBE-116		Windsor	Cn	1550	10.000	1376.8	1391.3	357.6	177.2	35.7	46.8	4.8	4.8	33.34	116.0	88.4	.992	148.8g	0.0	148.8
CBE-117		Windsor	Cn	1550	10.000	1376.1	1390.6	357.5	177.1	35.7	46.8	4.8	4.8	33.39	117.0	87.2	1.021	152.9g	0.0	152.9
CBE-118		Windsor	Cn	1550	10.000	1375.3	1389.8	357.5	177.0	35.7	46.8	4.8	4.8	33.44	118.0	86.2	1.047	156.6g	0.0	156.6
CBE-119		Windsor	Cn	1550	10.000	1374.3	1388.7	357.4	177.0	35.7	46.8	4.8	4.8	33.50	119.0	85.8	1.050	156.7g	0.0	156.7
CBE-120		Windsor	Cn	1550	10.000	1373.3	1387.8	357.4	176.9	35.7	46.8	4.8	4.8	33.57	120.0	85.3	1.053	156.8g	0.0	156.8
CBE-121		Windsor	Cn	1550	10.000	1372.3	1386.8	357.3	176.9	35.7	46.8	4.9	4.9	33.63	121.0	84.9	1.056	156.9g	0.0	156.9
CBE-122		Windsor	Cn	1550	10.000	1371.3	1385.8	357.3	176.8	35.7	46.8	4.9	4.9	33.69	122.0	84.5	1.058	157.1g	0.0	157.1
CBE-123		Windsor	Cn	1550	10.000	1370.4	1384.9	357.2	176.7	35.6	46.8	4.9	4.9	33.75	123.0	84.1	1.061	157.2g	0.0	157.2
CBE-124		Windsor	Cn	1550	10.000	1369.4	1384.0	357.2	176.7	35.6	46.8	4.9	4.9	33.81	124.0	83.7	1.069	158.0g	0.0	158.0
CBE-125		Windsor	Cn	1550	10.000	1368.6	1383.1	357.1	176.6	35.6	46.8	4.9	4.9	33.86	125.0	83.2	1.078	159.1g	0.0	159.1
CBE-126		Windsor	Cn	1550	10.000	1367.7	1382.3	357.1	176.6	35.6	46.8	4.9	4.9	33.92	126.0	82.8	1.087	160.2g	0.0	160.2
CBE-127		Windsor	Cn	1550	10.000	1366.9	1381.5	357.0	176.5	35.6	46.8	4.9	4.9	33.97	127.0	82.4	1.097	161.4g	0.0	161.4
CBE-128		Windsor	Cn	1550	10.000	1366.1	1380.7	357.0	176.4	35.6	46.8	4.9	4.9	34.03	128.0	82.0	1.097	161.3g	0.0	161.3
CBE-129		Windsor	Cn	1550	10.000	1365.4	1380.0	356.9	176.4	35.6	46.8	4.9	4.9	34.07	129.0	81.5	1.045	153.4g	0.0	153.4
CBE-130		Windsor	Cn	1550	10.000	1364.6	1379.2	356.8	176.3	35.6	46.8	4.9	4.9	34.12	130.0	81.1	.988	144.8g	0.0	144.8
CBE-131		Windsor	Cn	1550	10.000	1363.9	1378.5	356.8	176.3	35.6	46.8	4.9	4.9	34.17	131.0	80.7	.965	141.2g	0.0	141.2
CBE-132		Windsor	Cn	1550	10.000	1363.2	1377.8	356.7	176.2	35.6	46.8	4.9	4.9	34.21	132.0	80.3	.946	138.3g	0.0	138.3
CBE-133		Windsor	Cn	1550	10.000	1362.6	1377.2	356.7	176.1	35.6	46.8	4.9	4.9	34.25	133.0	79.9	.928	135.4g	0.0	135.4
CBE-134		Windsor	Cn	1550	10.000	1362.0	1376.6	356.6	176.1	35.6	46.8	4.9	4.9	34.29	134.0	79.4	.914	133.3g	0.0	133.3
CBE-135		Windsor	Cn	1550	10.000	1361.4	1376.0	356.6	176.0	35.6	46.8	4.9	4.9	34.33	135.0	79.0	.909	132.4g	0.0	132.4
CBE-136		Windsor	Cn	1550	10.000	1360.8	1375.4	356.5	175.9	35.6	46.8	4.9	4.9	34.37	136.0	78.6	.906	131.8g	0.0	131.8
CBE-137		Windsor	Cn	1550	10.000	1360.3	1374.9	356.5	175.9	35.6	46.8	4.9	4.9	34.40	137.0	78.2	.903	131.3g	0.0	131.3
CBE-138		Windsor	Cn	1550	10.000	1359.7	1374.4	356.4	175.8	35.6	46.8	5.0	5.0	34.44	138.0	77.8	.900	130.7g	0.0	130.7

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Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta---		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)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
CBE-139		Windsor	Cn	1550	10.000	1359.3	1374.0	356.3	175.7	35.6	46.8	5.0	5.0	34.46	139.0	77.3	.897	130.2g	0.0	130.2
CBE-140		Windsor	Cn	1550	10.000	1358.9	1373.5	356.3	175.7	35.6	46.8	5.0	5.0	34.49	140.0	76.9	.894	129.6g	0.0	129.6
CBE-141		Windsor	Cn	1550	10.000	1358.4	1373.1	356.2	175.6	35.6	46.7	5.0	5.0	34.52	141.0	76.5	.891	129.0g	0.0	129.0
CBE-142		Windsor	Cn	1550	10.000	1358.0	1372.7	356.2	175.5	35.6	46.7	5.0	5.0	34.55	142.0	76.1	.888	128.5g	0.0	128.5
CBE-143		Windsor	Cn	1550	10.000	1357.8	1372.5	356.1	175.5	35.6	46.7	5.0	5.0	34.56	143.0	75.5	.890	128.8g	0.0	128.8
CBE-144		Windsor	Cn	1550	10.000	1357.7	1372.4	356.0	175.4	35.6	46.7	5.0	5.0	34.57	144.0	74.8	.895	129.5g	0.0	129.5
CBE-145		Windsor	Cn	1550	10.000	1357.6	1372.2	356.0	175.3	35.6	46.7	5.0	5.0	34.58	145.0	74.2	.900	130.1g	0.0	130.1
CBE-146		Windsor	Cn	1550	10.000	1357.6	1372.2	355.9	175.2	35.6	46.7	5.0	5.0	34.58	146.0	73.5	.902	130.4g	0.0	130.4
CBE-147		Windsor	Cn	1550	10.000	1357.6	1372.2	355.9	175.2	35.6	46.7	5.0	5.0	34.58	147.0	72.8	.904	130.8g	0.0	130.8
CBE-148		Windsor	Cn	1550	10.000	1357.5	1372.2	355.8	175.1	35.6	46.7	5.0	5.0	34.58	148.0	72.2	.907	131.1g	0.0	131.1
CBE-149		Windsor	Cn	1550	10.000	1357.6	1372.2	355.7	175.0	35.6	46.7	5.0	5.0	34.58	149.0	71.5	.910	131.6g	0.0	131.6
CBE-150		Windsor	Cn	1550	10.000	1357.6	1372.3	355.7	175.0	35.6	46.7	5.0	5.0	34.58	150.0	70.9	.912	131.9g	0.0	131.9
CBE-151		Windsor	Cn	1550	10.000	1357.7	1372.4	355.6	174.9	35.6	46.7	5.0	5.0	34.57	151.0	70.2	.915	132.4g	0.0	132.4
CBE-152		Windsor	Cn	1550	10.000	1357.8	1372.5	355.6	174.8	35.6	46.7	5.0	5.0	34.56	152.0	69.6	.918	132.8g	0.0	132.8
CBE-153		Windsor	Cn	1550	10.000	1358.0	1372.7	355.5	174.8	35.6	46.7	5.0	5.0	34.55	153.0	68.9	.921	133.3g	0.0	133.3
CBE-154		Windsor	Cn	1550	10.000	1358.1	1372.8	355.4	174.7	35.6	46.7	5.0	5.0	34.54	154.0	68.3	.924	133.8g	0.0	133.8
CBE-155		Windsor	Cn	1550	10.000	1358.4	1373.0	355.4	174.6	35.6	46.7	5.0	5.0	34.52	155.0	67.6	.927	134.3g	0.0	134.3
CBE-156		Windsor	Cn	1550	10.000	1358.7	1373.3	355.3	174.6	35.6	46.7	5.0	5.0	34.51	156.0	66.9	.931	134.8g	0.0	134.8
CBE-157		Windsor	Cn	1550	10.000	1358.9	1373.5	355.3	174.5	35.6	46.7	5.0	5.0	34.49	157.0	66.3	.934	135.4g	0.0	135.4
CBE-158		Windsor	Cn	1550	10.000	1359.2	1373.9	355.2	174.4	35.6	46.7	5.0	5.0	34.47	158.0	65.6	.937	136.0g	0.0	136.0
CBE-159		Windsor	Cn	1550	10.000	1359.5	1374.1	355.2	174.4	35.6	46.7	5.0	5.0	34.45	159.0	65.0	.941	136.6g	0.0	136.6
CBE-160		Windsor	Cn	1550	10.000	1359.9	1374.5	355.1	174.3	35.6	46.7	5.0	5.0	34.43	160.0	64.3	.945	137.3g	0.0	137.3
CBE-161		Windsor	Cn	1550	10.000	1360.2	1374.8	355.1	174.2	35.6	46.7	4.9	4.9	34.41	161.0	63.7	.945	137.3g	0.0	137.3
CBE-162		Windsor	Cn	1550	10.000	1360.7	1375.3	355.0	174.2	35.6	46.7	4.9	4.9	34.38	162.0	63.0	.945	137.5g	0.0	137.5
CBE-163		Windsor	Cn	1550	10.000	1361.1	1375.7	355.0	174.1	35.6	46.7	4.9	4.9	34.35	163.0	62.3	.947	137.8g	0.0	137.8
CBE-164		Windsor	Cn	1550	10.000	1361.6	1376.2	354.9	174.1	35.6	46.7	4.9	4.9	34.31	164.0	61.6	.950	138.4g	0.0	138.4
CBE-165		Windsor	Cn	1550	10.000	1362.2	1376.8	354.9	174.0	35.6	46.7	4.9	4.9	34.27	165.0	60.8	.952	138.9g	0.0	138.9
CBE-166		Windsor	Cn	1550	10.000	1362.8	1377.4	354.8	173.9	35.6	46.7	4.9	4.9	34.24	166.0	60.1	.955	139.5g	0.0	139.5
CBE-167		Windsor	Cn	1550	10.000	1363.4	1378.0	354.8	173.9	35.6	46.7	4.9	4.9	34.20	167.0	59.3	.959	140.2g	0.0	140.2
CBE-168		Windsor	Cn	1550	10.000	1364.0	1378.6	354.7	173.8	35.6	46.8	4.9	4.9	34.16	168.0	58.6	.962	140.9g	0.0	140.9
CBE-169		Windsor	Cn	1550	10.000	1364.6	1379.2	354.7	173.8	35.6	46.8	4.9	4.9	34.12	169.0	57.9	.967	141.6g	0.0	141.6
CBE-170		Windsor	Cn	1550	10.000	1365.3	1379.9	354.6	173.7	35.6	46.8	4.9	4.9	34.07	170.0	57.1	.971	142.5g	0.0	142.5
CBE-171		Windsor	Cn	1550	10.000	1366.0	1380.6	354.6	173.7	35.6	46.8	4.9	4.9	34.03	171.0	56.4	.977	143.5g	0.0	143.5
CBE-172		Windsor	Cn	1550	10.000	1366.8	1381.3	354.5	173.6	35.6	46.8	4.9	4.9	33.98	172.0	55.6	.983	144.6g	0.0	144.6

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta ---		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)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
CBE-173		Windsor	Cn	1550	10.000	1367.4	1382.0	354.5	173.6	35.6	46.8	4.9	4.9	33.94	173.0	54.9	.991	146.0g	0.0	146.0
CBE-174		Windsor	Cn	1550	10.000	1368.2	1382.8	354.5	173.5	35.6	46.8	4.9	4.9	33.89	174.0	54.1	1.001	147.7g	0.0	147.7
CBE-175		Windsor	Cn	1550	10.000	1369.0	1383.5	354.4	173.5	35.6	46.8	4.9	4.9	33.84	175.0	53.4	1.013	149.6g	0.0	149.6
CBE-176		Windsor	Cn	1550	10.000	1369.8	1384.3	354.4	173.4	35.6	46.8	4.9	4.9	33.79	176.0	52.6	1.025	151.6g	0.0	151.6
CBE-177		Windsor	Cn	1550	10.000	1370.5	1385.0	354.3	173.4	35.6	46.8	4.9	4.9	33.74	177.0	51.9	1.038	153.9g	0.0	153.9
CBE-178		Windsor	Cn	1550	10.000	1371.4	1385.9	354.3	173.4	35.6	46.8	4.9	4.9	33.69	178.0	51.1	1.053	156.3g	0.0	156.3
CBE-179		Windsor	Cn	1550	10.000	1372.2	1386.7	354.3	173.3	35.6	46.8	4.9	4.9	33.64	179.0	50.4	1.070	159.0g	0.0	159.0
CBE-180		Windsor	Cn	1550	10.000	1373.1	1387.6	354.2	173.3	35.6	46.8	4.8	4.8	33.58	180.0	49.6	1.086	161.7g	0.0	161.7
CBE-181		Windsor	Cn	1550	10.000	1373.9	1388.3	354.2	173.2	35.6	46.8	4.8	4.8	33.53	181.0	48.9	1.095	163.3g	0.0	163.3
CBE-182		Windsor	Cn	1550	10.000	1374.8	1389.3	354.2	173.2	35.6	46.8	4.8	4.8	33.47	182.0	48.1	1.106	165.2g	0.0	165.2
CBE-183		Windsor	Cn	1550	10.000	1375.6	1390.1	354.2	173.2	35.6	46.8	4.8	4.8	33.42	183.0	47.4	1.118	167.3g	0.0	167.3
CBE-184		Windsor	Cn	1550	10.000	1376.5	1391.0	354.1	173.1	35.6	46.8	4.8	4.8	33.36	184.0	46.6	1.132	169.7g	0.0	169.7
CBE-185		Windsor	Cn	1550	10.000	1377.4	1391.8	354.1	173.1	35.7	46.8	4.8	4.8	33.31	185.0	45.9	1.148	172.4g	0.0	172.4
CBE-186		Windsor	Cn	1550	10.000	1378.3	1392.8	354.1	173.1	35.7	46.8	4.8	4.8	33.25	186.0	45.1	1.167	175.5g	0.0	175.5
CBE-187		Windsor	Cn	1550	10.000	1379.2	1393.6	354.0	173.0	35.7	46.8	4.8	4.8	33.19	187.0	44.4	1.188	179.0g	0.0	179.0
CBE-188		Windsor	Cn	1550	10.000	1380.2	1394.6	354.0	173.0	35.7	46.8	4.8	4.8	33.13	188.0	43.6	1.213	183.0g	0.0	183.0
CBE-189		Windsor	Cn	1550	10.000	1380.9	1395.4	354.0	173.0	35.7	46.8	4.8	4.8	33.08	189.0	43.0	1.235	186.6g	0.0	186.6
CBE-190		Windsor	Cn	1550	10.000	1381.6	1396.0	354.0	173.0	35.7	46.8	4.8	4.8	33.04	190.0	42.5	1.242	188.0g	0.0	188.0
CBE-191		Windsor	Cn	1550	10.000	1382.3	1396.7	354.0	172.9	35.7	46.8	4.8	4.8	33.00	191.0	42.0	1.252	189.6g	0.0	189.6
CBE-192		Windsor	Cn	1550	10.000	1383.0	1397.4	353.9	172.9	35.7	46.8	4.8	4.8	32.95	192.0	41.5	1.264	191.7g	0.0	191.7
CBE-193		Windsor	Cn	1550	10.000	1383.7	1398.1	353.9	172.9	35.7	46.8	4.8	4.8	32.91	193.0	41.0	1.278	194.2g	0.0	194.2
CBE-194		Windsor	Cn	1550	10.000	1384.5	1398.8	353.9	172.9	35.7	46.8	4.8	4.8	32.87	194.0	40.5	1.294	196.8g	0.0	196.8
CBE-195		Windsor	Cn	1550	10.000	1385.2	1399.6	353.9	172.8	35.7	46.8	4.7	4.7	32.82	195.0	40.0	1.311	199.7g	0.0	199.7
CBE-196		Windsor	Cn	1550	10.000	1385.9	1400.3	353.8	172.8	35.7	46.8	4.7	4.7	32.78	196.0	39.5	1.330	203.0g	0.0	203.0
CBE-197		Windsor	Cn	1550	10.000	1386.7	1401.0	353.8	172.8	35.7	46.8	4.7	4.7	32.73	197.0	39.0	1.353	206.7g	0.0	206.7
CBE-198		Windsor	Cn	1550	10.000	1387.4	1401.7	353.8	172.8	35.7	46.8	4.7	4.7	32.68	198.0	38.5	1.379	210.9g	0.0	210.9
CBE-199		Windsor	Cn	1550	10.000	1388.1	1402.5	353.8	172.7	35.7	46.8	4.7	4.7	32.64	199.0	38.0	1.408	215.6g	0.0	215.6
CBE-200		Windsor	Cn	1550	10.000	1388.9	1403.2	353.8	172.7	35.7	46.8	4.7	4.7	32.59	200.0	37.5	1.442	221.1g	0.0	221.1
CBE-201		Windsor	Cn	1550	10.000	1389.6	1403.9	353.8	172.7	35.7	46.8	4.7	4.7	32.55	201.0	37.0	1.482	227.7g	0.0	227.7
CBE-202		Windsor	Cn	1550	10.000	1390.4	1404.7	353.8	172.7	35.7	46.8	4.7	4.7	32.50	202.0	36.5	1.526	234.8g	0.0	234.8
CBE-203		Windsor	Cn	1550	10.000	1391.1	1405.4	353.7	172.7	35.7	46.9	4.7	4.7	32.46	203.0	36.0	1.575	242.7g	0.0	242.7
CBE-204		Windsor	Cn	1550	10.000	1391.8	1406.1	353.7	172.7	35.7	46.9	4.7	4.7	32.42	204.0	35.6	1.628	251.1g	0.0	251.1
CBE-205		Windsor	Cn	1550	10.000	1392.5	1406.8	353.7	172.6	35.7	46.9	4.7	4.7	32.37	205.0	35.1	1.685	260.2g	0.0	260.2
CBE-206		Windsor	Cn	1550	10.000	1393.3	1407.6	353.7	172.6	35.7	46.9	4.7	4.7	32.32	206.0	34.6	1.747	270.3g	0.0	270.3

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

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Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta ---		S.W. Mult.	50% Limit (mV/m)	25% Limit (mV/m)	Req'd Prot. (mV/m)	Permis Rad. (mV/m)	Current Rad. (mV/m)	Margin (mV/m)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
CBE-207		Windsor	Cn	1550	10.000	1394.0	1408.3	353.7	172.6	35.7	46.9	4.7	4.7	32.28	207.0	34.1	1.815	281.1g	0.0	281.1
CBE-208		Windsor	Cn	1550	10.000	1394.8	1409.0	353.7	172.6	35.7	46.9	4.7	4.7	32.23	208.0	33.6	1.887	292.7g	0.0	292.7
CBE-209		Windsor	Cn	1550	10.000	1395.5	1409.8	353.7	172.6	35.7	46.9	4.7	4.7	32.19	209.0	33.1	1.964	305.1g	0.0	305.1
CBE-210		Windsor	Cn	1550	10.000	1396.3	1410.5	353.7	172.6	35.7	46.9	4.7	4.7	32.14	210.0	32.6	2.048	318.5g	0.0	318.5
CBE-211		Windsor	Cn	1550	10.000	1397.0	1411.2	353.7	172.6	35.7	46.9	4.7	4.7	32.10	211.0	32.1	2.129	331.7g	0.0	331.7
CBE-212		Windsor	Cn	1550	10.000	1397.7	1412.0	353.7	172.6	35.7	46.9	4.7	4.7	32.05	212.0	31.6	2.208	344.4g	0.0	344.4
CBE-213		Windsor	Cn	1550	10.000	1398.5	1412.7	353.7	172.6	35.7	46.9	4.6	4.6	32.01	213.0	31.1	2.294	358.4g	0.0	358.4
CBE-214		Windsor	Cn	1550	10.000	1399.2	1413.4	353.7	172.6	35.7	46.9	4.6	4.6	31.96	214.0	30.6	2.388	373.6g	0.0	373.6
CBE-215		Windsor	Cn	1550	10.000	1399.9	1414.1	353.7	172.6	35.7	46.9	4.6	4.6	31.92	215.0	30.1	2.490	390.0g	0.0	390.0
CBE-216		Windsor	Cn	1550	10.000	1400.6	1414.9	353.7	172.6	35.7	46.9	4.6	4.6	31.88	216.0	29.6	2.603	408.3g	0.0	408.3
WBSC	LIC	Bennettsville	SC	1550	5.000	595.6	628.3	14.0	194.8	32.1	43.3	12.2	20.5	96.95	7.809	1.478	2.870	148.0	0.0	148.0
CBE=6.737; WAZX=3.949; WLOR=3.604; WJRZ=3.481; WMDH=3.102; WCVL=3.095; WKQV=3.061; WDZK=2.974; WQEW=2.870																				
WCTZ	LIC	Clarksville	TN	1550	.250	967.5	987.9	325.6	142.3	33.1	44.1	6.3	11.7	47.65	6.406	8.111	2.028	212.7	0.0	212.7
WPAD=4.529; XERUV=3.304; CBE=3.101; WLOR=3.094; KSFT=2.908; WMDH=2.592																				
XERU-000		Jalapa	Mx	1550	10.000	1888.1	1898.6	240.1	53.5	25.0	35.7	1.5	1.5	12.53	.0	64.2	.500	199.6G	0.0	199.6
XERU-001		Jalapa	Mx	1550	10.000	1887.2	1897.7	240.1	53.4	25.0	35.7	1.5	1.5	12.55	1.0	64.2	.500	199.3G	0.0	199.3
XERU-002		Jalapa	Mx	1550	10.000	1886.3	1896.9	240.0	53.4	25.0	35.7	1.5	1.5	12.56	2.0	64.2	.500	199.0G	0.0	199.0
XERU-003		Jalapa	Mx	1550	10.000	1885.4	1896.0	240.0	53.4	25.0	35.7	1.5	1.5	12.58	3.0	64.2	.500	198.7G	0.0	198.7
XERU-004		Jalapa	Mx	1550	10.000	1884.6	1895.1	240.0	53.4	25.0	35.7	1.6	1.6	12.60	4.0	64.2	.500	198.4G	0.0	198.4
XERU-005		Jalapa	Mx	1550	10.000	1883.7	1894.3	240.0	53.4	25.0	35.7	1.6	1.6	12.62	5.0	64.2	.500	198.1G	0.0	198.1
XERU-006		Jalapa	Mx	1550	10.000	1882.9	1893.5	239.9	53.4	25.0	35.7	1.6	1.6	12.64	6.0	64.2	.500	197.8G	0.0	197.8
XERU-007		Jalapa	Mx	1550	10.000	1882.1	1892.7	239.9	53.3	25.0	35.7	1.6	1.6	12.66	7.0	64.2	.500	197.5G	0.0	197.5
XERU-008		Jalapa	Mx	1550	10.000	1881.3	1891.9	239.9	53.3	25.0	35.7	1.6	1.6	12.67	8.0	64.2	.500	197.3G	0.0	197.3
XERU-009		Jalapa	Mx	1550	10.000	1880.5	1891.1	239.9	53.3	25.0	35.7	1.6	1.6	12.69	9.0	64.2	.500	197.0G	0.0	197.0
XERU-010		Jalapa	Mx	1550	10.000	1879.7	1890.3	239.8	53.3	25.0	35.7	1.6	1.6	12.71	10.0	64.2	.500	196.7G	0.0	196.7
XERU-011		Jalapa	Mx	1550	10.000	1878.9	1889.5	239.8	53.3	25.0	35.7	1.6	1.6	12.72	11.0	64.2	.500	196.5G	0.0	196.5
XERU-012		Jalapa	Mx	1550	10.000	1878.2	1888.8	239.8	53.2	25.0	35.7	1.6	1.6	12.74	12.0	64.2	.500	196.2G	0.0	196.2
XERU-013		Jalapa	Mx	1550	10.000	1877.5	1888.1	239.8	53.2	25.0	35.7	1.6	1.6	12.76	13.0	64.2	.500	196.0G	0.0	196.0
XERU-014		Jalapa	Mx	1550	10.000	1876.7	1887.4	239.7	53.2	25.0	35.7	1.6	1.6	12.77	14.0	64.2	.500	195.8G	0.0	195.8
XERU-015		Jalapa	Mx	1550	10.000	1876.0	1886.7	239.7	53.2	25.0	35.7	1.6	1.6	12.79	15.0	64.2	.500	195.5G	0.0	195.5
XERU-016		Jalapa	Mx	1550	10.000	1875.4	1886.0	239.7	53.1	25.0	35.7	1.6	1.6	12.80	16.0	64.2	.500	195.3G	0.0	195.3

Graham Brock, Inc.
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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)
XERU-017		Jalapa	Mx	1550	10.000	1874.7	1885.3	239.7	53.1	25.0	35.7	1.6	1.6	12.82	17.0	64.2	.500	195.1G	0.0	195.1
XERU-018		Jalapa	Mx	1550	10.000	1874.0	1884.7	239.6	53.1	25.0	35.7	1.6	1.6	12.83	18.0	64.2	.500	194.9G	0.0	194.9
XERU-019		Jalapa	Mx	1550	10.000	1873.4	1884.0	239.6	53.1	25.0	35.7	1.6	1.6	12.84	19.0	64.2	.500	194.7G	0.0	194.7
XERU-020		Jalapa	Mx	1550	10.000	1872.8	1883.4	239.6	53.0	25.0	35.7	1.6	1.6	12.86	20.0	64.2	.500	194.4G	0.0	194.4
XERU-021		Jalapa	Mx	1550	10.000	1872.2	1882.8	239.5	53.0	25.0	35.7	1.6	1.6	12.87	21.0	64.2	.500	194.2G	0.0	194.2
XERU-022		Jalapa	Mx	1550	10.000	1871.6	1882.3	239.5	53.0	25.0	35.7	1.6	1.6	12.88	22.0	64.2	.500	194.1G	0.0	194.1
XERU-023		Jalapa	Mx	1550	10.000	1871.0	1881.7	239.5	53.0	25.0	35.7	1.6	1.6	12.90	23.0	64.2	.500	193.9G	0.0	193.9
XERU-024		Jalapa	Mx	1550	10.000	1870.5	1881.1	239.5	52.9	25.0	35.7	1.6	1.6	12.91	24.0	64.2	.500	193.7G	0.0	193.7
XERU-025		Jalapa	Mx	1550	10.000	1870.0	1880.6	239.4	52.9	25.0	35.7	1.6	1.6	12.92	25.0	64.2	.500	193.5G	0.0	193.5
XERU-026		Jalapa	Mx	1550	10.000	1869.4	1880.1	239.4	52.9	25.0	35.7	1.6	1.6	12.93	26.0	64.2	.500	193.3G	0.0	193.3
XERU-027		Jalapa	Mx	1550	10.000	1868.9	1879.6	239.4	52.9	25.0	35.7	1.6	1.6	12.94	27.0	64.2	.500	193.2G	0.0	193.2
XERU-028		Jalapa	Mx	1550	10.000	1839.6	1850.5	239.7	53.3	25.1	35.8	1.8	1.8	13.61	28.0	96.0	.500	183.7G	0.0	183.7
XERU-029		Jalapa	Mx	1550	10.000	1839.3	1850.1	239.7	53.2	25.1	35.8	1.8	1.8	13.62	29.0	95.6	.500	183.6G	0.0	183.6
XERU-030		Jalapa	Mx	1550	10.000	1839.0	1849.8	239.6	53.2	25.1	35.8	1.8	1.8	13.63	30.0	95.2	.500	183.5G	0.0	183.5
XERU-031		Jalapa	Mx	1550	10.000	1838.6	1849.5	239.6	53.2	25.1	35.8	1.8	1.8	13.63	31.0	94.9	.500	183.4G	0.0	183.4
XERU-032		Jalapa	Mx	1550	10.000	1838.4	1849.3	239.5	53.1	25.1	35.8	1.8	1.8	13.64	32.0	94.5	.500	183.3G	0.0	183.3
XERU-033		Jalapa	Mx	1550	10.000	1838.1	1849.0	239.5	53.1	25.1	35.8	1.8	1.8	13.65	33.0	94.2	.500	183.2G	0.0	183.2
XERU-034		Jalapa	Mx	1550	10.000	1837.9	1848.7	239.4	53.0	25.1	35.8	1.8	1.8	13.65	34.0	93.9	.500	183.1G	0.0	183.1
XERU-035		Jalapa	Mx	1550	10.000	1837.6	1848.5	239.4	53.0	25.1	35.8	1.8	1.8	13.66	35.0	93.6	.500	183.0G	0.0	183.0
XERU-036		Jalapa	Mx	1550	10.000	1837.4	1848.3	239.3	52.9	25.0	35.8	1.8	1.8	13.66	36.0	93.3	.500	183.0G	0.0	183.0
XERU-037		Jalapa	Mx	1550	10.000	1837.3	1848.1	239.3	52.9	25.0	35.8	1.8	1.8	13.67	37.0	93.0	.500	182.9G	0.0	182.9
XERU-038		Jalapa	Mx	1550	10.000	1837.1	1848.0	239.2	52.8	25.0	35.8	1.8	1.8	13.67	38.0	92.7	.500	182.9G	0.0	182.9
XERU-039		Jalapa	Mx	1550	10.000	1837.0	1847.9	239.2	52.8	25.0	35.7	1.8	1.8	13.67	39.0	92.4	.500	182.8G	0.0	182.8
XERU-040		Jalapa	Mx	1550	10.000	1836.9	1847.8	239.1	52.7	25.0	35.7	1.8	1.8	13.67	40.0	92.1	.500	182.8G	0.0	182.8
XERU-041		Jalapa	Mx	1550	10.000	1836.8	1847.7	239.1	52.7	25.0	35.7	1.8	1.8	13.68	41.0	91.9	.500	182.8G	0.0	182.8
XERU-042		Jalapa	Mx	1550	10.000	1836.8	1847.7	239.0	52.6	25.0	35.7	1.8	1.8	13.68	42.0	91.6	.500	182.8G	0.0	182.8
XERU-043		Jalapa	Mx	1550	10.000	1836.7	1847.6	239.0	52.6	25.0	35.7	1.8	1.8	13.68	43.0	91.4	.500	182.7G	0.0	182.7
XERU-044		Jalapa	Mx	1550	10.000	1836.6	1847.4	238.9	52.6	25.0	35.7	1.8	1.8	13.68	44.0	91.3	.500	182.7G	0.0	182.7
XERU-045		Jalapa	Mx	1550	10.000	1836.6	1847.4	238.9	52.5	25.0	35.7	1.8	1.8	13.68	45.0	91.1	.500	182.7G	0.0	182.7
XERU-046		Jalapa	Mx	1550	10.000	1836.5	1847.3	238.8	52.5	25.0	35.7	1.8	1.8	13.69	46.0	91.0	.500	182.7G	0.0	182.7
XERU-047		Jalapa	Mx	1550	10.000	1836.5	1847.4	238.8	52.4	25.0	35.7	1.8	1.8	13.69	47.0	90.8	.500	182.7G	0.0	182.7
XERU-048		Jalapa	Mx	1550	10.000	1836.5	1847.3	238.7	52.4	25.0	35.7	1.8	1.8	13.69	48.0	90.7	.500	182.7G	0.0	182.7
XERU-049		Jalapa	Mx	1550	10.000	1836.5	1847.3	238.7	52.3	25.0	35.7	1.8	1.8	13.69	49.0	90.6	.500	182.7G	0.0	182.7
XERU-050		Jalapa	Mx	1550	10.000	1836.4	1847.3	238.6	52.3	25.0	35.7	1.8	1.8	13.69	50.0	90.6	.500	182.6G	0.0	182.6

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
XERU-051		Jalapa	Mx	1550	10.000	1836.5	1847.3	238.6 52.2	25.0 35.7	1.8 1.8	13.69	51.0	90.5	.500	182.7G	0.0	182.7
XERU-052		Jalapa	Mx	1550	10.000	1836.5	1847.3	238.5 52.2	25.0 35.7	1.8 1.8	13.69	52.0	90.5	.500	182.7G	0.0	182.7
XERU-053		Jalapa	Mx	1550	10.000	1836.6	1847.4	238.5 52.2	24.9 35.7	1.8 1.8	13.68	53.0	90.4	.500	182.7G	0.0	182.7
XERU-054		Jalapa	Mx	1550	10.000	1836.6	1847.5	238.4 52.1	24.9 35.7	1.8 1.8	13.68	54.0	90.4	.500	182.7G	0.0	182.7
XERU-055		Jalapa	Mx	1550	10.000	1837.2	1848.0	238.4 52.1	24.9 35.7	1.8 1.8	13.67	55.0	89.9	.500	182.9G	0.0	182.9
XERU-056		Jalapa	Mx	1550	10.000	1837.7	1848.5	238.3 52.0	24.9 35.7	1.8 1.8	13.66	56.0	89.5	.500	183.1G	0.0	183.1
XERU-057		Jalapa	Mx	1550	10.000	1838.3	1849.2	238.3 52.0	24.9 35.6	1.8 1.8	13.64	57.0	89.0	.500	183.3G	0.0	183.3
XERU-058		Jalapa	Mx	1550	10.000	1838.9	1849.7	238.2 51.9	24.9 35.6	1.8 1.8	13.63	58.0	88.6	.500	183.4G	0.0	183.4
XERU-059		Jalapa	Mx	1550	10.000	1839.4	1850.3	238.2 51.9	24.9 35.6	1.8 1.8	13.62	59.0	88.2	.500	183.6G	0.0	183.6
XERU-060		Jalapa	Mx	1550	10.000	1840.1	1850.9	238.1 51.8	24.9 35.6	1.8 1.8	13.60	60.0	87.8	.500	183.8G	0.0	183.8
XERU-061		Jalapa	Mx	1550	10.000	1840.7	1851.5	238.1 51.8	24.9 35.6	1.8 1.8	13.59	61.0	87.4	.500	184.0G	0.0	184.0
XERU-062		Jalapa	Mx	1550	10.000	1841.2	1852.1	238.0 51.8	24.9 35.6	1.8 1.8	13.57	62.0	87.1	.500	184.2G	0.0	184.2
XERU-063		Jalapa	Mx	1550	10.000	1841.8	1852.7	238.0 51.7	24.9 35.6	1.8 1.8	13.56	63.0	86.8	.500	184.4G	0.0	184.4
XERU-064		Jalapa	Mx	1550	10.000	1842.4	1853.3	237.9 51.7	24.9 35.6	1.8 1.8	13.54	64.0	86.5	.500	184.6G	0.0	184.6
XERU-065		Jalapa	Mx	1550	10.000	1843.0	1853.8	237.9 51.6	24.9 35.6	1.8 1.8	13.53	65.0	86.3	.500	184.8G	0.0	184.8
XERU-066		Jalapa	Mx	1550	10.000	1843.4	1854.3	237.9 51.6	24.9 35.6	1.8 1.8	13.52	66.0	86.2	.500	184.9G	0.0	184.9
XERU-067		Jalapa	Mx	1550	10.000	1843.9	1854.7	237.8 51.6	24.9 35.6	1.8 1.8	13.51	67.0	86.1	.500	185.1G	0.0	185.1
XERU-068		Jalapa	Mx	1550	10.000	1844.3	1855.2	237.8 51.5	24.8 35.6	1.8 1.8	13.50	68.0	86.1	.500	185.2G	0.0	185.2
XERU-069		Jalapa	Mx	1550	10.000	1844.9	1855.7	237.7 51.5	24.8 35.6	1.8 1.8	13.49	69.0	86.0	.500	185.4G	0.0	185.4
XERU-070		Jalapa	Mx	1550	10.000	1845.4	1856.2	237.7 51.4	24.8 35.6	1.8 1.8	13.47	70.0	86.0	.500	185.6G	0.0	185.6
XERU-071		Jalapa	Mx	1550	10.000	1846.0	1856.8	237.6 51.4	24.8 35.6	1.8 1.8	13.46	71.0	85.9	.500	185.8G	0.0	185.8
XERU-072		Jalapa	Mx	1550	10.000	1846.5	1857.3	237.6 51.3	24.8 35.5	1.8 1.8	13.45	72.0	85.9	.500	185.9G	0.0	185.9
XERU-073		Jalapa	Mx	1550	10.000	1847.0	1857.8	237.5 51.3	24.8 35.5	1.8 1.8	13.43	73.0	85.9	.500	186.1G	0.0	186.1
XERU-074		Jalapa	Mx	1550	10.000	1847.5	1858.3	237.5 51.3	24.8 35.5	1.8 1.8	13.42	74.0	86.0	.500	186.2G	0.0	186.2
XERU-075		Jalapa	Mx	1550	10.000	1848.1	1858.9	237.5 51.2	24.8 35.5	1.7 1.7	13.41	75.0	86.0	.500	186.4G	0.0	186.4
XERU-076		Jalapa	Mx	1550	10.000	1848.6	1859.4	237.4 51.2	24.8 35.5	1.7 1.7	13.40	76.0	86.1	.500	186.6G	0.0	186.6
XERU-077		Jalapa	Mx	1550	10.000	1849.2	1860.0	237.4 51.1	24.8 35.5	1.7 1.7	13.38	77.0	86.2	.500	186.8G	0.0	186.8
XERU-078		Jalapa	Mx	1550	10.000	1849.9	1860.6	237.3 51.1	24.8 35.5	1.7 1.7	13.37	78.0	86.2	.500	187.0G	0.0	187.0
XERU-079		Jalapa	Mx	1550	10.000	1850.4	1861.2	237.3 51.1	24.8 35.5	1.7 1.7	13.36	79.0	86.4	.500	187.2G	0.0	187.2
XERU-080		Jalapa	Mx	1550	10.000	1851.0	1861.8	237.2 51.0	24.8 35.5	1.7 1.7	13.34	80.0	86.5	.500	187.4G	0.0	187.4
XERU-081		Jalapa	Mx	1550	10.000	1851.7	1862.5	237.2 51.0	24.8 35.5	1.7 1.7	13.33	81.0	86.6	.500	187.6G	0.0	187.6
XERU-082		Jalapa	Mx	1550	10.000	1852.3	1863.1	237.2 50.9	24.8 35.5	1.7 1.7	13.31	82.0	86.8	.500	187.8G	0.0	187.8
XERU-083		Jalapa	Mx	1550	10.000	1852.9	1863.7	237.1 50.9	24.7 35.5	1.7 1.7	13.30	83.0	87.0	.500	188.0G	0.0	188.0
XERU-084		Jalapa	Mx	1550	10.000	1853.6	1864.3	237.1 50.9	24.7 35.5	1.7 1.7	13.28	84.0	87.2	.500	188.2G	0.0	188.2

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"
Longitude: W 81° 16' 20.0"

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)
XERU-085		Jalapa	Mx	1550	10.000	1854.3	1865.0	237.0	50.8	24.7	35.5	1.7	1.7	13.27	85.0	87.4	.500	188.4G	0.0	188.4
XERU-086		Jalapa	Mx	1550	10.000	1855.1	1865.8	237.0	50.8	24.7	35.5	1.7	1.7	13.25	86.0	87.5	.500	188.7G	0.0	188.7
XERU-087		Jalapa	Mx	1550	10.000	1855.9	1866.6	236.9	50.7	24.7	35.4	1.7	1.7	13.23	87.0	87.6	.500	188.9G	0.0	188.9
XERU-088		Jalapa	Mx	1550	10.000	1856.6	1867.4	236.9	50.7	24.7	35.4	1.7	1.7	13.22	88.0	87.8	.500	189.2G	0.0	189.2
XERU-089		Jalapa	Mx	1550	10.000	1857.5	1868.2	236.9	50.7	24.7	35.4	1.7	1.7	13.20	89.0	87.9	.500	189.5G	0.0	189.5
XERU-090		Jalapa	Mx	1550	10.000	1858.3	1869.1	236.8	50.6	24.7	35.4	1.7	1.7	13.18	90.0	88.1	.500	189.7G	0.0	189.7
XERU-091		Jalapa	Mx	1550	10.000	1859.2	1869.9	236.8	50.6	24.7	35.4	1.7	1.7	13.16	91.0	88.3	.500	190.0G	0.0	190.0
XERU-092		Jalapa	Mx	1550	10.000	1860.0	1870.8	236.7	50.6	24.7	35.4	1.7	1.7	13.14	92.0	88.5	.500	190.3G	0.0	190.3
XERU-093		Jalapa	Mx	1550	10.000	1860.9	1871.6	236.7	50.5	24.7	35.4	1.7	1.7	13.12	93.0	88.7	.500	190.6G	0.0	190.6
XERU-094		Jalapa	Mx	1550	10.000	1861.8	1872.5	236.7	50.5	24.7	35.4	1.7	1.7	13.10	94.0	89.0	.500	190.8G	0.0	190.8
XERU-095		Jalapa	Mx	1550	10.000	1862.6	1873.3	236.6	50.4	24.7	35.4	1.7	1.7	13.08	95.0	89.3	.500	191.1G	0.0	191.1
XERU-096		Jalapa	Mx	1550	10.000	1863.5	1874.2	236.6	50.4	24.7	35.4	1.7	1.7	13.06	96.0	89.6	.500	191.4G	0.0	191.4
XERU-097		Jalapa	Mx	1550	10.000	1864.5	1875.2	236.5	50.4	24.6	35.4	1.7	1.7	13.04	97.0	89.9	.500	191.7G	0.0	191.7
XERU-098		Jalapa	Mx	1550	10.000	1865.4	1876.1	236.5	50.3	24.6	35.4	1.7	1.7	13.02	98.0	90.2	.500	192.0G	0.0	192.0
XERU-099		Jalapa	Mx	1550	10.000	1866.3	1877.0	236.5	50.3	24.6	35.4	1.7	1.7	13.00	99.0	90.6	.500	192.3G	0.0	192.3
XERU-100		Jalapa	Mx	1550	10.000	1867.3	1878.0	236.4	50.2	24.6	35.4	1.6	1.6	12.98	100.0	91.0	.500	192.6G	0.0	192.6
XERU-101		Jalapa	Mx	1550	10.000	1868.3	1878.9	236.4	50.2	24.6	35.3	1.6	1.6	12.96	101.0	91.4	.500	193.0G	0.0	193.0
XERU-102		Jalapa	Mx	1550	10.000	1869.3	1879.9	236.3	50.2	24.6	35.3	1.6	1.6	12.93	102.0	91.8	.500	193.3G	0.0	193.3
XERU-103		Jalapa	Mx	1550	10.000	1870.2	1880.9	236.3	50.1	24.6	35.3	1.6	1.6	12.91	103.0	92.3	.500	193.6G	0.0	193.6
XERU-104		Jalapa	Mx	1550	10.000	1871.2	1881.8	236.2	50.1	24.6	35.3	1.6	1.6	12.89	104.0	92.9	.500	193.9G	0.0	193.9
XERU-105		Jalapa	Mx	1550	10.000	1872.2	1882.8	236.2	50.0	24.6	35.3	1.6	1.6	12.87	105.0	93.5	.500	194.2G	0.0	194.2
XERU-106		Jalapa	Mx	1550	10.000	1873.1	1883.8	236.2	50.0	24.6	35.3	1.6	1.6	12.85	106.0	94.2	.500	194.6G	0.0	194.6
XERU-107		Jalapa	Mx	1550	10.000	1874.1	1884.8	236.1	50.0	24.6	35.3	1.6	1.6	12.83	107.0	94.9	.500	194.9G	0.0	194.9
XERU-108		Jalapa	Mx	1550	10.000	1875.2	1885.8	236.1	49.9	24.6	35.3	1.6	1.6	12.81	108.0	95.6	.500	195.2G	0.0	195.2
XERU-109		Jalapa	Mx	1550	10.000	1876.2	1886.9	236.0	49.9	24.6	35.3	1.6	1.6	12.78	109.0	96.3	.500	195.6G	0.0	195.6
XERU-110		Jalapa	Mx	1550	10.000	1893.7	1904.3	236.8	50.6	24.6	35.3	1.5	1.5	12.41	110.0	64.2	.500	201.5G	0.0	201.5
XERU-111		Jalapa	Mx	1550	10.000	1894.7	1905.2	236.8	50.5	24.6	35.3	1.5	1.5	12.39	111.0	64.2	.500	201.8G	0.0	201.8
XERU-112		Jalapa	Mx	1550	10.000	1895.7	1906.2	236.8	50.5	24.6	35.3	1.5	1.5	12.36	112.0	64.2	.500	202.2G	0.0	202.2
XERU-113		Jalapa	Mx	1550	10.000	1896.7	1907.2	236.8	50.5	24.6	35.3	1.5	1.5	12.34	113.0	64.2	.500	202.5G	0.0	202.5
XERU-114		Jalapa	Mx	1550	10.000	1897.7	1908.2	236.8	50.5	24.6	35.3	1.5	1.5	12.32	114.0	64.2	.500	202.9G	0.0	202.9
XERU-115		Jalapa	Mx	1550	10.000	1898.7	1909.2	236.8	50.5	24.6	35.3	1.5	1.5	12.30	115.0	64.2	.500	203.2G	0.0	203.2
XERU-116		Jalapa	Mx	1550	10.000	1899.7	1910.2	236.7	50.5	24.6	35.3	1.5	1.5	12.28	116.0	64.2	.500	203.6G	0.0	203.6
XERU-117		Jalapa	Mx	1550	10.000	1900.7	1911.2	236.7	50.4	24.6	35.3	1.5	1.5	12.26	117.0	64.2	.500	203.9G	0.0	203.9
XERU-118		Jalapa	Mx	1550	10.000	1901.7	1912.2	236.7	50.4	24.6	35.3	1.5	1.5	12.24	118.0	64.2	.500	204.3G	0.0	204.3

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"
Longitude: W 81° 16' 20.0"

Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth--		Mid-Pt Lat		--- Theta---		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)
								To (deg)	From (deg)	GC (deg)	GMag (deg)	Min (deg)	Max (deg)							
XERU-119		Jalapa	Mx	1550	10.000	1902.8	1913.3	236.7	50.4	24.6	35.3	1.5	1.5	12.22	119.0	64.2	.500	204.6G	0.0	204.6
XERU-120		Jalapa	Mx	1550	10.000	1903.8	1914.3	236.7	50.4	24.6	35.3	1.5	1.5	12.20	120.0	64.2	.500	205.0G	0.0	205.0
XERU-121		Jalapa	Mx	1550	10.000	1904.9	1915.4	236.7	50.4	24.6	35.3	1.4	1.4	12.17	121.0	64.2	.500	205.4G	0.0	205.4
XERU-122		Jalapa	Mx	1550	10.000	1906.0	1916.4	236.7	50.4	24.6	35.3	1.4	1.4	12.15	122.0	64.2	.500	205.7G	0.0	205.7
XERU-123		Jalapa	Mx	1550	10.000	1907.0	1917.5	236.7	50.4	24.5	35.3	1.4	1.4	12.13	123.0	64.2	.500	206.1G	0.0	206.1
XERU-124		Jalapa	Mx	1550	10.000	1908.1	1918.5	236.7	50.4	24.5	35.3	1.4	1.4	12.11	124.0	64.2	.500	206.5G	0.0	206.5
XERU-125		Jalapa	Mx	1550	10.000	1909.2	1919.6	236.6	50.3	24.5	35.3	1.4	1.4	12.09	125.0	64.2	.500	206.8G	0.0	206.8
XERU-126		Jalapa	Mx	1550	10.000	1910.3	1920.7	236.6	50.3	24.5	35.3	1.4	1.4	12.06	126.0	64.2	.500	207.2G	0.0	207.2
XERU-127		Jalapa	Mx	1550	10.000	1911.3	1921.8	236.6	50.3	24.5	35.2	1.4	1.4	12.04	127.0	64.2	.500	207.6G	0.0	207.6
XERU-128		Jalapa	Mx	1550	10.000	1912.4	1922.9	236.6	50.3	24.5	35.2	1.4	1.4	12.02	128.0	64.2	.500	208.0G	0.0	208.0
XERU-129		Jalapa	Mx	1550	10.000	1913.5	1924.0	236.6	50.3	24.5	35.2	1.4	1.4	12.00	129.0	64.2	.500	208.4G	0.0	208.4
XERU-130		Jalapa	Mx	1550	10.000	1914.6	1925.1	236.6	50.3	24.5	35.2	1.4	1.4	11.98	130.0	64.2	.500	208.7G	0.0	208.7
XERU-131		Jalapa	Mx	1550	10.000	1915.7	1926.2	236.6	50.3	24.5	35.2	1.4	1.4	11.95	131.0	64.2	.500	209.1G	0.0	209.1
XERU-132		Jalapa	Mx	1550	10.000	1916.8	1927.3	236.6	50.3	24.5	35.2	1.4	1.4	11.93	132.0	64.2	.500	209.5G	0.0	209.5
XERU-133		Jalapa	Mx	1550	10.000	1918.0	1928.4	236.6	50.3	24.5	35.2	1.4	1.4	11.91	133.0	64.2	.500	209.9G	0.0	209.9
XERU-134		Jalapa	Mx	1550	10.000	1919.1	1929.5	236.6	50.3	24.5	35.2	1.4	1.4	11.89	134.0	64.2	.500	210.3G	0.0	210.3
XERU-135		Jalapa	Mx	1550	10.000	1920.2	1930.6	236.6	50.3	24.5	35.2	1.4	1.4	11.86	135.0	64.2	.500	210.7G	0.0	210.7
XERU-136		Jalapa	Mx	1550	10.000	1921.3	1931.7	236.6	50.3	24.5	35.2	1.4	1.4	11.84	136.0	64.2	.500	211.1G	0.0	211.1
XERU-137		Jalapa	Mx	1550	10.000	1922.4	1932.8	236.6	50.3	24.5	35.2	1.4	1.4	11.82	137.0	64.2	.500	211.5G	0.0	211.5
XERU-138		Jalapa	Mx	1550	10.000	1923.5	1933.9	236.6	50.3	24.5	35.2	1.3	1.3	11.80	138.0	64.2	.500	211.9G	0.0	211.9
XERU-139		Jalapa	Mx	1550	10.000	1924.7	1935.0	236.6	50.3	24.5	35.2	1.3	1.3	11.78	139.0	64.2	.500	212.3G	0.0	212.3
XERU-140		Jalapa	Mx	1550	10.000	1925.8	1936.1	236.6	50.2	24.5	35.2	1.3	1.3	11.75	140.0	64.2	.500	212.7G	0.0	212.7
XERU-141		Jalapa	Mx	1550	10.000	1926.9	1937.3	236.6	50.2	24.5	35.2	1.3	1.3	11.73	141.0	64.2	.500	213.1G	0.0	213.1
XERU-142		Jalapa	Mx	1550	10.000	1928.0	1938.4	236.6	50.2	24.5	35.2	1.3	1.3	11.71	142.0	64.2	.500	213.5G	0.0	213.5
XERU-143		Jalapa	Mx	1550	10.000	1929.1	1939.5	236.6	50.2	24.5	35.2	1.3	1.3	11.69	143.0	64.2	.500	213.9G	0.0	213.9
XERU-144		Jalapa	Mx	1550	10.000	1930.3	1940.6	236.6	50.2	24.5	35.2	1.3	1.3	11.67	144.0	64.2	.500	214.3G	0.0	214.3
XERU-145		Jalapa	Mx	1550	10.000	1931.4	1941.7	236.6	50.2	24.5	35.2	1.3	1.3	11.64	145.0	64.2	.500	214.7G	0.0	214.7
XERU-146		Jalapa	Mx	1550	10.000	1932.5	1942.8	236.6	50.2	24.5	35.2	1.3	1.3	11.62	146.0	64.2	.500	215.1G	0.0	215.1
XERU-147		Jalapa	Mx	1550	10.000	1933.6	1943.9	236.6	50.2	24.5	35.2	1.3	1.3	11.60	147.0	64.2	.500	215.5G	0.0	215.5
XERU-148		Jalapa	Mx	1550	10.000	1934.7	1945.0	236.6	50.2	24.5	35.2	1.3	1.3	11.58	148.0	64.2	.500	215.9G	0.0	215.9
XERU-149		Jalapa	Mx	1550	10.000	1935.8	1946.1	236.6	50.2	24.5	35.2	1.3	1.3	11.56	149.0	64.2	.500	216.3G	0.0	216.3
XERU-150		Jalapa	Mx	1550	10.000	1936.9	1947.2	236.6	50.2	24.5	35.2	1.3	1.3	11.54	150.0	64.2	.500	216.7G	0.0	216.7
XERU-151		Jalapa	Mx	1550	10.000	1938.0	1948.3	236.6	50.2	24.5	35.2	1.3	1.3	11.51	151.0	64.2	.500	217.1G	0.0	217.1
XERU-152		Jalapa	Mx	1550	10.000	1939.1	1949.4	236.6	50.3	24.5	35.2	1.3	1.3	11.49	152.0	64.2	.500	217.5G	0.0	217.5

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

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Latitude: N 29° 29' 30.0"

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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)
XERU-153		Jalapa	Mx	1550	10.000	1940.2	1950.5	236.6	50.3	24.5	35.2	1.3	1.3	11.47	153.0	64.2	.500	217.9G	0.0	217.9
XERU-154		Jalapa	Mx	1550	10.000	1941.3	1951.6	236.6	50.3	24.5	35.2	1.3	1.3	11.45	154.0	64.2	.500	218.3G	0.0	218.3
XERU-155		Jalapa	Mx	1550	10.000	1942.4	1952.7	236.6	50.3	24.4	35.2	1.3	1.3	11.43	155.0	64.2	.500	218.7G	0.0	218.7
XERU-156		Jalapa	Mx	1550	10.000	1943.5	1953.7	236.7	50.3	24.4	35.2	1.2	1.2	11.41	156.0	64.2	.500	219.1G	0.0	219.1
XERU-157		Jalapa	Mx	1550	10.000	1944.6	1954.8	236.7	50.3	24.4	35.2	1.2	1.2	11.39	157.0	64.2	.500	219.5G	0.0	219.5
XERU-158		Jalapa	Mx	1550	10.000	1945.6	1955.9	236.7	50.3	24.4	35.2	1.2	1.2	11.37	158.0	64.2	.500	220.0G	0.0	220.0
XERU-159		Jalapa	Mx	1550	10.000	1946.7	1956.9	236.7	50.3	24.4	35.1	1.2	1.2	11.35	159.0	64.2	.500	220.3G	0.0	220.3
XERU-160		Jalapa	Mx	1550	10.000	1947.7	1958.0	236.7	50.3	24.4	35.1	1.2	1.2	11.33	160.0	64.2	.500	220.7G	0.0	220.7
XERU-161		Jalapa	Mx	1550	10.000	1948.8	1959.0	236.7	50.3	24.4	35.1	1.2	1.2	11.31	161.0	64.2	.500	221.1G	0.0	221.1
XERU-162		Jalapa	Mx	1550	10.000	1949.8	1960.1	236.7	50.3	24.4	35.1	1.2	1.2	11.29	162.0	64.2	.500	221.5G	0.0	221.5
XERU-163		Jalapa	Mx	1550	10.000	1950.9	1961.1	236.7	50.3	24.4	35.1	1.2	1.2	11.27	163.0	64.2	.500	221.9G	0.0	221.9
XERU-164		Jalapa	Mx	1550	10.000	1951.9	1962.1	236.7	50.3	24.4	35.1	1.2	1.2	11.25	164.0	64.2	.500	222.2G	0.0	222.2
XERU-165		Jalapa	Mx	1550	10.000	1952.9	1963.1	236.8	50.3	24.4	35.1	1.2	1.2	11.23	165.0	64.2	.500	222.6G	0.0	222.6
XERU-166		Jalapa	Mx	1550	10.000	1953.9	1964.2	236.8	50.4	24.4	35.1	1.2	1.2	11.21	166.0	64.2	.500	223.0G	0.0	223.0
XERU-167		Jalapa	Mx	1550	10.000	1955.0	1965.2	236.8	50.4	24.4	35.1	1.2	1.2	11.19	167.0	64.2	.500	223.3G	0.0	223.3
XERU-168		Jalapa	Mx	1550	10.000	1955.9	1966.1	236.8	50.4	24.4	35.1	1.2	1.2	11.18	168.0	64.2	.500	223.7G	0.0	223.7
XERU-169		Jalapa	Mx	1550	10.000	1956.9	1967.1	236.8	50.4	24.4	35.1	1.2	1.2	11.16	169.0	64.2	.500	224.1G	0.0	224.1
XERU-170		Jalapa	Mx	1550	10.000	1957.9	1968.1	236.8	50.4	24.4	35.1	1.2	1.2	11.14	170.0	64.2	.500	224.4G	0.0	224.4
XERU-171		Jalapa	Mx	1550	10.000	1958.9	1969.1	236.8	50.4	24.4	35.1	1.2	1.2	11.12	171.0	64.2	.500	224.8G	0.0	224.8
XERU-172		Jalapa	Mx	1550	10.000	1959.7	1969.9	236.9	50.4	24.4	35.1	1.2	1.2	11.11	172.0	64.0	.500	225.1G	0.0	225.1
XERU-173		Jalapa	Mx	1550	10.000	1960.6	1970.8	236.9	50.4	24.4	35.1	1.2	1.2	11.09	173.0	63.8	.500	225.4G	0.0	225.4
XERU-174		Jalapa	Mx	1550	10.000	1961.4	1971.6	236.9	50.5	24.4	35.1	1.2	1.2	11.08	174.0	63.6	.500	225.7G	0.0	225.7
XERU-175		Jalapa	Mx	1550	10.000	1962.3	1972.4	236.9	50.5	24.4	35.1	1.1	1.1	11.06	175.0	63.5	.500	226.0G	0.0	226.0
XERU-176		Jalapa	Mx	1550	10.000	1963.1	1973.2	237.0	50.5	24.4	35.1	1.1	1.1	11.05	176.0	63.3	.500	226.3G	0.0	226.3
XERU-177		Jalapa	Mx	1550	10.000	1963.9	1974.0	237.0	50.5	24.4	35.1	1.1	1.1	11.03	177.0	63.2	.500	226.6G	0.0	226.6
XERU-178		Jalapa	Mx	1550	10.000	1964.7	1974.9	237.0	50.5	24.4	35.1	1.1	1.1	11.02	178.0	63.1	.500	226.9G	0.0	226.9
XERU-179		Jalapa	Mx	1550	10.000	1965.5	1975.6	237.0	50.6	24.4	35.1	1.1	1.1	11.00	179.0	62.9	.500	227.2G	0.0	227.2
XERU-180		Jalapa	Mx	1550	10.000	1966.2	1976.4	237.1	50.6	24.4	35.1	1.1	1.1	10.99	180.0	62.8	.500	227.5G	0.0	227.5
XERU-181		Jalapa	Mx	1550	10.000	1967.0	1977.2	237.1	50.6	24.4	35.1	1.1	1.1	10.98	181.0	62.7	.500	227.8G	0.0	227.8
XERU-182		Jalapa	Mx	1550	10.000	1967.8	1977.9	237.1	50.6	24.4	35.1	1.1	1.1	10.96	182.0	62.6	.500	228.1G	0.0	228.1
XERU-183		Jalapa	Mx	1550	10.000	1968.5	1978.7	237.1	50.6	24.4	35.1	1.1	1.1	10.95	183.0	62.5	.500	228.3G	0.0	228.3
XERU-184		Jalapa	Mx	1550	10.000	1969.3	1979.4	237.1	50.6	24.4	35.1	1.1	1.1	10.94	184.0	62.4	.500	228.6G	0.0	228.6
XERU-185		Jalapa	Mx	1550	10.000	1970.0	1980.2	237.2	50.7	24.4	35.1	1.1	1.1	10.92	185.0	62.4	.500	228.9G	0.0	228.9
XERU-186		Jalapa	Mx	1550	10.000	1970.7	1980.9	237.2	50.7	24.4	35.1	1.1	1.1	10.91	186.0	62.3	.500	229.2G	0.0	229.2

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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)
XERU-187		Jalapa	Mx	1550	10.000	1971.4	1981.6	237.2	50.7	24.4	35.1	1.1	1.1	10.90	187.0	62.2	.500	229.4G	0.0	229.4
XERU-188		Jalapa	Mx	1550	10.000	1972.1	1982.2	237.2	50.7	24.4	35.1	1.1	1.1	10.88	188.0	62.1	.500	229.7G	0.0	229.7
XERU-189		Jalapa	Mx	1550	10.000	1972.8	1982.9	237.3	50.7	24.4	35.1	1.1	1.1	10.87	189.0	62.1	.500	230.0G	0.0	230.0
XERU-190		Jalapa	Mx	1550	10.000	1973.5	1983.6	237.3	50.8	24.4	35.1	1.1	1.1	10.86	190.0	62.0	.500	230.2G	0.0	230.2
XERU-191		Jalapa	Mx	1550	10.000	1974.1	1984.2	237.3	50.8	24.4	35.1	1.1	1.1	10.85	191.0	61.9	.500	230.4G	0.0	230.4
XERU-192		Jalapa	Mx	1550	10.000	1974.8	1984.9	237.3	50.8	24.4	35.1	1.1	1.1	10.84	192.0	61.9	.500	230.7G	0.0	230.7
XERU-193		Jalapa	Mx	1550	10.000	1975.4	1985.5	237.4	50.8	24.5	35.1	1.1	1.1	10.83	193.0	61.8	.500	230.9G	0.0	230.9
XERU-194		Jalapa	Mx	1550	10.000	1976.0	1986.1	237.4	50.9	24.5	35.1	1.1	1.1	10.81	194.0	61.8	.500	231.2G	0.0	231.2
XERU-195		Jalapa	Mx	1550	10.000	1976.6	1986.7	237.4	50.9	24.5	35.1	1.1	1.1	10.81	195.0	61.7	.500	231.4G	0.0	231.4
XERU-196		Jalapa	Mx	1550	10.000	1977.2	1987.3	237.4	50.9	24.5	35.1	1.1	1.1	10.79	196.0	61.7	.500	231.6G	0.0	231.6
XERU-197		Jalapa	Mx	1550	10.000	1977.7	1987.8	237.5	50.9	24.5	35.1	1.1	1.1	10.78	197.0	61.6	.500	231.8G	0.0	231.8
XERU-198		Jalapa	Mx	1550	10.000	1978.3	1988.4	237.5	50.9	24.5	35.1	1.1	1.1	10.77	198.0	61.6	.500	232.0G	0.0	232.0
XERU-199		Jalapa	Mx	1550	10.000	1978.8	1988.9	237.5	51.0	24.5	35.2	1.1	1.1	10.77	199.0	61.5	.500	232.2G	0.0	232.2
XERU-200		Jalapa	Mx	1550	10.000	1979.4	1989.5	237.6	51.0	24.5	35.2	1.1	1.1	10.76	200.0	61.5	.500	232.4G	0.0	232.4
XERU-201		Jalapa	Mx	1550	10.000	1979.9	1990.0	237.6	51.0	24.5	35.2	1.1	1.1	10.75	201.0	61.5	.500	232.6G	0.0	232.6
XERU-202		Jalapa	Mx	1550	10.000	1980.4	1990.4	237.6	51.0	24.5	35.2	1.1	1.1	10.74	202.0	61.4	.500	232.8G	0.0	232.8
XERU-203		Jalapa	Mx	1550	10.000	1980.9	1991.0	237.6	51.1	24.5	35.2	1.1	1.1	10.73	203.0	61.4	.500	233.0G	0.0	233.0
XERU-204		Jalapa	Mx	1550	10.000	1981.4	1991.4	237.7	51.1	24.5	35.2	1.1	1.1	10.72	204.0	61.4	.500	233.2G	0.0	233.2
XERU-205		Jalapa	Mx	1550	10.000	1981.8	1991.8	237.7	51.1	24.5	35.2	1.1	1.1	10.71	205.0	61.3	.500	233.3G	0.0	233.3
XERU-206		Jalapa	Mx	1550	10.000	1982.2	1992.3	237.7	51.1	24.5	35.2	1.0	1.0	10.71	206.0	61.3	.500	233.5G	0.0	233.5
XERU-207		Jalapa	Mx	1550	10.000	1982.7	1992.7	237.8	51.2	24.5	35.2	1.0	1.0	10.70	207.0	61.3	.500	233.7G	0.0	233.7
XERU-208		Jalapa	Mx	1550	10.000	1983.0	1993.1	237.8	51.2	24.5	35.2	1.0	1.0	10.69	208.0	61.2	.500	233.8G	0.0	233.8
XERU-209		Jalapa	Mx	1550	10.000	1983.4	1993.5	237.8	51.2	24.5	35.2	1.0	1.0	10.68	209.0	61.2	.500	234.0G	0.0	234.0
XERU-210		Jalapa	Mx	1550	10.000	1983.8	1993.9	237.8	51.2	24.5	35.2	1.0	1.0	10.68	210.0	61.2	.500	234.1G	0.0	234.1
XERU-211		Jalapa	Mx	1550	10.000	1984.2	1994.3	237.9	51.3	24.5	35.2	1.0	1.0	10.67	211.0	61.2	.500	234.3G	0.0	234.3
XERU-212		Jalapa	Mx	1550	10.000	1984.6	1994.6	237.9	51.3	24.5	35.2	1.0	1.0	10.66	212.0	61.2	.500	234.4G	0.0	234.4
XERU-213		Jalapa	Mx	1550	10.000	1984.8	1994.9	237.9	51.3	24.5	35.2	1.0	1.0	10.66	213.0	61.1	.500	234.5G	0.0	234.5
XERU-214		Jalapa	Mx	1550	10.000	1985.2	1995.2	238.0	51.3	24.5	35.2	1.0	1.0	10.65	214.0	61.1	.500	234.6G	0.0	234.6
XERU-215		Jalapa	Mx	1550	10.000	1985.5	1995.5	238.0	51.4	24.5	35.2	1.0	1.0	10.65	215.0	61.1	.500	234.8G	0.0	234.8
XERU-216		Jalapa	Mx	1550	10.000	1985.8	1995.8	238.0	51.4	24.5	35.2	1.0	1.0	10.64	216.0	61.1	.500	234.9G	0.0	234.9
XERU-217		Jalapa	Mx	1550	10.000	1986.0	1996.1	238.1	51.4	24.5	35.2	1.0	1.0	10.64	217.0	61.1	.500	235.0G	0.0	235.0
XERU-218		Jalapa	Mx	1550	10.000	1986.2	1996.2	238.1	51.4	24.5	35.2	1.0	1.0	10.64	218.0	61.0	.500	235.0G	0.0	235.0
XERU-219		Jalapa	Mx	1550	10.000	1986.4	1996.5	238.1	51.5	24.5	35.2	1.0	1.0	10.63	219.0	61.0	.500	235.1G	0.0	235.1
XERU-220		Jalapa	Mx	1550	10.000	1986.7	1996.7	238.1	51.5	24.5	35.2	1.0	1.0	10.63	220.0	61.0	.500	235.2G	0.0	235.2

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
XERU-221		Jalapa	Mx	1550	10.000	1986.9	1996.9	238.2	51.5	24.5	35.2	1.0	1.0	10.62	221.0	61.0	.500	235.3G	0.0	235.3
XERU-222		Jalapa	Mx	1550	10.000	1987.1	1997.1	238.2	51.5	24.5	35.2	1.0	1.0	10.62	222.0	61.0	.500	235.4G	0.0	235.4
XERU-223		Jalapa	Mx	1550	10.000	1987.2	1997.3	238.2	51.6	24.5	35.2	1.0	1.0	10.62	223.0	61.0	.500	235.4G	0.0	235.4
XERU-224		Jalapa	Mx	1550	10.000	1987.4	1997.4	238.3	51.6	24.5	35.2	1.0	1.0	10.62	224.0	61.0	.500	235.5G	0.0	235.5
XERU-225		Jalapa	Mx	1550	10.000	1987.5	1997.6	238.3	51.6	24.5	35.2	1.0	1.0	10.61	225.0	61.0	.500	235.5G	0.0	235.5
XERU-226		Jalapa	Mx	1550	10.000	1987.5	1997.6	238.3	51.7	24.5	35.2	1.0	1.0	10.61	226.0	60.9	.500	235.6G	0.0	235.6
XERU-227		Jalapa	Mx	1550	10.000	1987.6	1997.7	238.4	51.7	24.5	35.2	1.0	1.0	10.61	227.0	60.9	.500	235.6G	0.0	235.6
XERU-228		Jalapa	Mx	1550	10.000	1987.7	1997.7	238.4	51.7	24.5	35.2	1.0	1.0	10.61	228.0	60.9	.500	235.6G	0.0	235.6
XERU-229		Jalapa	Mx	1550	10.000	1987.8	1997.8	238.4	51.7	24.6	35.2	1.0	1.0	10.61	229.0	60.9	.500	235.6G	0.0	235.6
XERU-230		Jalapa	Mx	1550	10.000	1987.8	1997.9	238.5	51.8	24.6	35.2	1.0	1.0	10.61	230.0	60.9	.500	235.7G	0.0	235.7
XERU-231		Jalapa	Mx	1550	10.000	1987.8	1997.9	238.5	51.8	24.6	35.2	1.0	1.0	10.61	231.0	60.9	.500	235.7G	0.0	235.7
XERU-232		Jalapa	Mx	1550	10.000	1987.9	1997.9	238.5	51.8	24.6	35.2	1.0	1.0	10.61	232.0	60.9	.500	235.7G	0.0	235.7
XERU-233		Jalapa	Mx	1550	10.000	1987.8	1997.9	238.5	51.8	24.6	35.2	1.0	1.0	10.61	233.0	60.9	.500	235.7G	0.0	235.7
XERU-234		Jalapa	Mx	1550	10.000	1987.8	1997.8	238.6	51.9	24.6	35.2	1.0	1.0	10.61	234.0	60.9	.500	235.7G	0.0	235.7
XERU-235		Jalapa	Mx	1550	10.000	1987.8	1997.8	238.6	51.9	24.6	35.3	1.0	1.0	10.61	235.0	60.9	.500	235.6G	0.0	235.6
XERU-236		Jalapa	Mx	1550	10.000	1987.7	1997.7	238.6	51.9	24.6	35.3	1.0	1.0	10.61	236.0	60.9	.500	235.6G	0.0	235.6
XERU-237		Jalapa	Mx	1550	10.000	1987.6	1997.7	238.7	52.0	24.6	35.3	1.0	1.0	10.61	237.0	60.9	.500	235.6G	0.0	235.6
XERU-238		Jalapa	Mx	1550	10.000	1987.5	1997.6	238.7	52.0	24.6	35.3	1.0	1.0	10.61	238.0	60.9	.500	235.5G	0.0	235.5
XERU-239		Jalapa	Mx	1550	10.000	1987.4	1997.4	238.7	52.0	24.6	35.3	1.0	1.0	10.62	239.0	60.9	.500	235.5G	0.0	235.5
XERU-240		Jalapa	Mx	1550	10.000	1987.3	1997.3	238.8	52.0	24.6	35.3	1.0	1.0	10.62	240.0	60.9	.500	235.5G	0.0	235.5
XERU-241		Jalapa	Mx	1550	10.000	1987.1	1997.2	238.8	52.1	24.6	35.3	1.0	1.0	10.62	241.0	60.9	.500	235.4G	0.0	235.4
XERU-242		Jalapa	Mx	1550	10.000	1986.9	1997.0	238.8	52.1	24.6	35.3	1.0	1.0	10.62	242.0	60.9	.500	235.3G	0.0	235.3
XERU-243		Jalapa	Mx	1550	10.000	1986.8	1996.8	238.9	52.1	24.6	35.3	1.0	1.0	10.63	243.0	60.9	.500	235.3G	0.0	235.3
XERU-244		Jalapa	Mx	1550	10.000	1986.6	1996.6	238.9	52.2	24.6	35.3	1.0	1.0	10.63	244.0	60.9	.500	235.2G	0.0	235.2
XERU-245		Jalapa	Mx	1550	10.000	1986.3	1996.4	238.9	52.2	24.6	35.3	1.0	1.0	10.63	245.0	60.9	.500	235.1G	0.0	235.1
XERU-246		Jalapa	Mx	1550	10.000	1986.1	1996.1	239.0	52.2	24.6	35.3	1.0	1.0	10.64	246.0	60.9	.500	235.0G	0.0	235.0
XERU-247		Jalapa	Mx	1550	10.000	1985.8	1995.9	239.0	52.2	24.6	35.3	1.0	1.0	10.64	247.0	60.9	.500	234.9G	0.0	234.9
XERU-248		Jalapa	Mx	1550	10.000	1985.6	1995.6	239.0	52.3	24.6	35.3	1.0	1.0	10.65	248.0	60.9	.500	234.8G	0.0	234.8
XERU-249		Jalapa	Mx	1550	10.000	1985.3	1995.3	239.0	52.3	24.6	35.3	1.0	1.0	10.65	249.0	60.9	.500	234.7G	0.0	234.7
XERU-250		Jalapa	Mx	1550	10.000	1984.9	1995.0	239.1	52.3	24.6	35.3	1.0	1.0	10.66	250.0	60.9	.500	234.6G	0.0	234.6
XERU-251		Jalapa	Mx	1550	10.000	1984.6	1994.7	239.1	52.3	24.6	35.3	1.0	1.0	10.66	251.0	60.9	.500	234.4G	0.0	234.4
XERU-252		Jalapa	Mx	1550	10.000	1984.3	1994.3	239.1	52.4	24.6	35.3	1.0	1.0	10.67	252.0	60.9	.500	234.3G	0.0	234.3
XERU-253		Jalapa	Mx	1550	10.000	1983.9	1994.0	239.2	52.4	24.7	35.3	1.0	1.0	10.68	253.0	60.9	.500	234.2G	0.0	234.2
XERU-254		Jalapa	Mx	1550	10.000	1983.5	1993.6	239.2	52.4	24.7	35.3	1.0	1.0	10.68	254.0	60.9	.500	234.0G	0.0	234.0

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
XERU-255		Jalapa	Mx	1550	10.000	1983.1	1993.2	239.2	52.4	24.7	35.3	1.0	1.0	10.69	255.0	60.9	.500	233.9G	0.0	233.9
XERU-256		Jalapa	Mx	1550	10.000	1982.8	1992.9	239.2	52.5	24.7	35.3	1.0	1.0	10.70	256.0	61.0	.500	233.7G	0.0	233.7
XERU-257		Jalapa	Mx	1550	10.000	1982.4	1992.4	239.3	52.5	24.7	35.3	1.0	1.0	10.70	257.0	61.0	.500	233.6G	0.0	233.6
XERU-258		Jalapa	Mx	1550	10.000	1981.9	1992.0	239.3	52.5	24.7	35.4	1.1	1.1	10.71	258.0	61.0	.500	233.4G	0.0	233.4
XERU-259		Jalapa	Mx	1550	10.000	1981.5	1991.5	239.3	52.6	24.7	35.4	1.1	1.1	10.72	259.0	61.0	.500	233.2G	0.0	233.2
XERU-260		Jalapa	Mx	1550	10.000	1981.0	1991.1	239.4	52.6	24.7	35.4	1.1	1.1	10.73	260.0	61.0	.500	233.0G	0.0	233.0
XERU-261		Jalapa	Mx	1550	10.000	1980.5	1990.6	239.4	52.6	24.7	35.4	1.1	1.1	10.74	261.0	61.0	.500	232.9G	0.0	232.9
XERU-262		Jalapa	Mx	1550	10.000	1980.0	1990.1	239.4	52.6	24.7	35.4	1.1	1.1	10.75	262.0	61.0	.500	232.7G	0.0	232.7
XERU-263		Jalapa	Mx	1550	10.000	1979.5	1989.6	239.4	52.7	24.7	35.4	1.1	1.1	10.75	263.0	61.1	.500	232.5G	0.0	232.5
XERU-264		Jalapa	Mx	1550	10.000	1979.0	1989.1	239.5	52.7	24.7	35.4	1.1	1.1	10.76	264.0	61.1	.500	232.3G	0.0	232.3
XERU-265		Jalapa	Mx	1550	10.000	1978.4	1988.5	239.5	52.7	24.7	35.4	1.1	1.1	10.77	265.0	61.1	.500	232.1G	0.0	232.1
XERU-266		Jalapa	Mx	1550	10.000	1977.9	1988.0	239.5	52.7	24.7	35.4	1.1	1.1	10.78	266.0	61.1	.500	231.9G	0.0	231.9
XERU-267		Jalapa	Mx	1550	10.000	1977.3	1987.4	239.5	52.8	24.7	35.4	1.1	1.1	10.79	267.0	61.1	.500	231.6G	0.0	231.6
XERU-268		Jalapa	Mx	1550	10.000	1976.8	1986.9	239.6	52.8	24.7	35.4	1.1	1.1	10.80	268.0	61.2	.500	231.4G	0.0	231.4
XERU-269		Jalapa	Mx	1550	10.000	1976.1	1986.2	239.6	52.8	24.7	35.4	1.1	1.1	10.81	269.0	61.2	.500	231.2G	0.0	231.2
XERU-270		Jalapa	Mx	1550	10.000	1975.5	1985.6	239.6	52.8	24.7	35.4	1.1	1.1	10.82	270.0	61.2	.500	231.0G	0.0	231.0
XERU-271		Jalapa	Mx	1550	10.000	1974.9	1985.0	239.7	52.9	24.7	35.4	1.1	1.1	10.84	271.0	61.2	.500	230.7G	0.0	230.7
XERU-272		Jalapa	Mx	1550	10.000	1974.3	1984.4	239.7	52.9	24.7	35.4	1.1	1.1	10.85	272.0	61.3	.500	230.5G	0.0	230.5
XERU-273		Jalapa	Mx	1550	10.000	1973.6	1983.7	239.7	52.9	24.7	35.4	1.1	1.1	10.86	273.0	61.3	.500	230.2G	0.0	230.2
XERU-274		Jalapa	Mx	1550	10.000	1972.9	1983.0	239.7	52.9	24.8	35.4	1.1	1.1	10.87	274.0	61.3	.500	230.0G	0.0	230.0
XERU-275		Jalapa	Mx	1550	10.000	1972.2	1982.3	239.8	53.0	24.8	35.4	1.1	1.1	10.88	275.0	61.3	.500	229.7G	0.0	229.7
XERU-276		Jalapa	Mx	1550	10.000	1971.5	1981.7	239.8	53.0	24.8	35.4	1.1	1.1	10.89	276.0	61.4	.500	229.5G	0.0	229.5
XERU-277		Jalapa	Mx	1550	10.000	1970.8	1980.9	239.8	53.0	24.8	35.4	1.1	1.1	10.91	277.0	61.4	.500	229.2G	0.0	229.2
XERU-278		Jalapa	Mx	1550	10.000	1970.1	1980.3	239.8	53.0	24.8	35.4	1.1	1.1	10.92	278.0	61.5	.500	228.9G	0.0	228.9
XERU-279		Jalapa	Mx	1550	10.000	1969.4	1979.5	239.8	53.0	24.8	35.5	1.1	1.1	10.93	279.0	61.5	.500	228.7G	0.0	228.7
XERU-280		Jalapa	Mx	1550	10.000	1968.6	1978.7	239.9	53.1	24.8	35.5	1.1	1.1	10.95	280.0	61.5	.500	228.4G	0.0	228.4
XERU-281		Jalapa	Mx	1550	10.000	1967.9	1978.0	239.9	53.1	24.8	35.5	1.1	1.1	10.96	281.0	61.6	.500	228.1G	0.0	228.1
XERU-282		Jalapa	Mx	1550	10.000	1967.1	1977.2	239.9	53.1	24.8	35.5	1.1	1.1	10.97	282.0	61.6	.500	227.8G	0.0	227.8
XERU-283		Jalapa	Mx	1550	10.000	1966.3	1976.5	239.9	53.1	24.8	35.5	1.1	1.1	10.99	283.0	61.7	.500	227.5G	0.0	227.5
XERU-284		Jalapa	Mx	1550	10.000	1965.5	1975.6	240.0	53.2	24.8	35.5	1.1	1.1	11.00	284.0	61.7	.500	227.2G	0.0	227.2
XERU-285		Jalapa	Mx	1550	10.000	1964.7	1974.9	240.0	53.2	24.8	35.5	1.1	1.1	11.02	285.0	61.8	.500	226.9G	0.0	226.9
XERU-286		Jalapa	Mx	1550	10.000	1963.9	1974.0	240.0	53.2	24.8	35.5	1.1	1.1	11.03	286.0	61.8	.500	226.6G	0.0	226.6
XERU-287		Jalapa	Mx	1550	10.000	1963.1	1973.2	240.0	53.2	24.8	35.5	1.1	1.1	11.05	287.0	61.9	.500	226.3G	0.0	226.3
XERU-288		Jalapa	Mx	1550	10.000	1962.2	1972.4	240.0	53.2	24.8	35.5	1.2	1.2	11.06	288.0	61.9	.500	226.0G	0.0	226.0

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XERU-289		Jalapa	Mx	1550	10.000	1961.4	1971.5	240.1 53.3	24.8 35.5	1.2 1.2	11.08	289.0	62.0	.500	225.7G	0.0	225.7
XERU-290		Jalapa	Mx	1550	10.000	1960.5	1970.7	240.1 53.3	24.8 35.5	1.2 1.2	11.09	290.0	62.1	.500	225.4G	0.0	225.4
XERU-291		Jalapa	Mx	1550	10.000	1959.6	1969.8	240.1 53.3	24.8 35.5	1.2 1.2	11.11	291.0	62.1	.500	225.0G	0.0	225.0
XERU-292		Jalapa	Mx	1550	10.000	1958.7	1968.9	240.1 53.3	24.8 35.5	1.2 1.2	11.12	292.0	62.2	.500	224.7G	0.0	224.7
XERU-293		Jalapa	Mx	1550	10.000	1957.9	1968.0	240.1 53.3	24.8 35.5	1.2 1.2	11.14	293.0	62.3	.500	224.4G	0.0	224.4
XERU-294		Jalapa	Mx	1550	10.000	1957.0	1967.2	240.2 53.3	24.8 35.5	1.2 1.2	11.16	294.0	62.4	.500	224.1G	0.0	224.1
XERU-295		Jalapa	Mx	1550	10.000	1956.0	1966.2	240.2 53.4	24.9 35.5	1.2 1.2	11.17	295.0	62.4	.500	223.7G	0.0	223.7
XERU-296		Jalapa	Mx	1550	10.000	1955.1	1965.3	240.2 53.4	24.9 35.5	1.2 1.2	11.19	296.0	62.5	.500	223.4G	0.0	223.4
XERU-297		Jalapa	Mx	1550	10.000	1954.2	1964.4	240.2 53.4	24.9 35.5	1.2 1.2	11.21	297.0	62.7	.500	223.1G	0.0	223.1
XERU-298		Jalapa	Mx	1550	10.000	1953.3	1963.5	240.2 53.4	24.9 35.5	1.2 1.2	11.22	298.0	62.9	.500	222.7G	0.0	222.7
XERU-299		Jalapa	Mx	1550	10.000	1952.4	1962.6	240.2 53.4	24.9 35.5	1.2 1.2	11.24	299.0	63.1	.500	222.4G	0.0	222.4
XERU-300		Jalapa	Mx	1550	10.000	1951.5	1961.7	240.3 53.5	24.9 35.6	1.2 1.2	11.26	300.0	63.3	.500	222.1G	0.0	222.1
XERU-301		Jalapa	Mx	1550	10.000	1950.6	1960.8	240.3 53.5	24.9 35.6	1.2 1.2	11.27	301.0	63.6	.500	221.7G	0.0	221.7
XERU-302		Jalapa	Mx	1550	10.000	1949.7	1959.9	240.3 53.5	24.9 35.6	1.2 1.2	11.29	302.0	63.9	.500	221.4G	0.0	221.4
XERU-303		Jalapa	Mx	1550	10.000	1948.7	1959.0	240.3 53.5	24.9 35.6	1.2 1.2	11.31	303.0	64.2	.500	221.1G	0.0	221.1
XERU-304		Jalapa	Mx	1550	10.000	1947.7	1957.9	240.3 53.5	24.9 35.6	1.2 1.2	11.33	304.0	64.2	.500	220.7G	0.0	220.7
XERU-305		Jalapa	Mx	1550	10.000	1946.6	1956.9	240.4 53.6	24.9 35.6	1.2 1.2	11.35	305.0	64.2	.500	220.3G	0.0	220.3
XERU-306		Jalapa	Mx	1550	10.000	1945.6	1955.8	240.4 53.6	24.9 35.6	1.2 1.2	11.37	306.0	64.2	.500	219.9G	0.0	219.9
XERU-307		Jalapa	Mx	1550	10.000	1944.5	1954.8	240.4 53.6	24.9 35.6	1.2 1.2	11.39	307.0	64.2	.500	219.5G	0.0	219.5
XERU-308		Jalapa	Mx	1550	10.000	1943.4	1953.7	240.4 53.6	24.9 35.6	1.2 1.2	11.41	308.0	64.2	.500	219.1G	0.0	219.1
XERU-309		Jalapa	Mx	1550	10.000	1942.3	1952.6	240.4 53.6	24.9 35.6	1.3 1.3	11.43	309.0	64.2	.500	218.7G	0.0	218.7
XERU-310		Jalapa	Mx	1550	10.000	1941.2	1951.5	240.4 53.6	24.9 35.6	1.3 1.3	11.45	310.0	64.2	.500	218.3G	0.0	218.3
XERU-311		Jalapa	Mx	1550	10.000	1940.2	1950.4	240.4 53.6	24.9 35.6	1.3 1.3	11.47	311.0	64.2	.500	217.9G	0.0	217.9
XERU-312		Jalapa	Mx	1550	10.000	1939.1	1949.4	240.4 53.6	24.9 35.6	1.3 1.3	11.49	312.0	64.2	.500	217.5G	0.0	217.5
XERU-313		Jalapa	Mx	1550	10.000	1938.0	1948.3	240.4 53.6	24.9 35.6	1.3 1.3	11.52	313.0	64.2	.500	217.1G	0.0	217.1
XERU-314		Jalapa	Mx	1550	10.000	1936.9	1947.2	240.4 53.6	24.9 35.6	1.3 1.3	11.54	314.0	64.2	.500	216.7G	0.0	216.7
XERU-315		Jalapa	Mx	1550	10.000	1935.8	1946.1	240.4 53.7	24.9 35.6	1.3 1.3	11.56	315.0	64.2	.500	216.3G	0.0	216.3
XERU-316		Jalapa	Mx	1550	10.000	1934.6	1945.0	240.4 53.7	24.9 35.6	1.3 1.3	11.58	316.0	64.2	.500	215.9G	0.0	215.9
XERU-317		Jalapa	Mx	1550	10.000	1933.5	1943.9	240.4 53.7	24.9 35.6	1.3 1.3	11.60	317.0	64.2	.500	215.5G	0.0	215.5
XERU-318		Jalapa	Mx	1550	10.000	1932.4	1942.7	240.4 53.7	24.9 35.6	1.3 1.3	11.62	318.0	64.2	.500	215.1G	0.0	215.1
XERU-319		Jalapa	Mx	1550	10.000	1931.3	1941.6	240.4 53.7	24.9 35.6	1.3 1.3	11.65	319.0	64.2	.500	214.7G	0.0	214.7
XERU-320		Jalapa	Mx	1550	10.000	1930.2	1940.5	240.5 53.7	25.0 35.6	1.3 1.3	11.67	320.0	64.2	.500	214.3G	0.0	214.3
XERU-321		Jalapa	Mx	1550	10.000	1929.1	1939.4	240.5 53.7	25.0 35.6	1.3 1.3	11.69	321.0	64.2	.500	213.9G	0.0	213.9
XERU-322		Jalapa	Mx	1550	10.000	1928.0	1938.3	240.5 53.7	25.0 35.6	1.3 1.3	11.71	322.0	64.2	.500	213.5G	0.0	213.5

Graham Brock, Inc.
St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"

Longitude: W 81° 16' 20.0"

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)
XERU-323		Jalapa	Mx	1550	10.000	1926.8	1937.2	240.5	53.7	25.0	35.6	1.3	1.3	11.73	323.0	64.2	.500	213.1G	0.0	213.1
XERU-324		Jalapa	Mx	1550	10.000	1925.7	1936.1	240.5	53.7	25.0	35.6	1.3	1.3	11.76	324.0	64.2	.500	212.7G	0.0	212.7
XERU-325		Jalapa	Mx	1550	10.000	1924.6	1935.0	240.5	53.7	25.0	35.6	1.3	1.3	11.78	325.0	64.2	.500	212.3G	0.0	212.3
XERU-326		Jalapa	Mx	1550	10.000	1923.5	1933.8	240.5	53.7	25.0	35.7	1.3	1.3	11.80	326.0	64.2	.500	211.9G	0.0	211.9
XERU-327		Jalapa	Mx	1550	10.000	1922.4	1932.7	240.5	53.7	25.0	35.7	1.4	1.4	11.82	327.0	64.2	.500	211.5G	0.0	211.5
XERU-328		Jalapa	Mx	1550	10.000	1921.2	1931.6	240.5	53.7	25.0	35.7	1.4	1.4	11.84	328.0	64.2	.500	211.1G	0.0	211.1
XERU-329		Jalapa	Mx	1550	10.000	1920.1	1930.5	240.4	53.7	25.0	35.7	1.4	1.4	11.87	329.0	64.2	.500	210.7G	0.0	210.7
XERU-330		Jalapa	Mx	1550	10.000	1919.0	1929.4	240.4	53.7	25.0	35.7	1.4	1.4	11.89	330.0	64.2	.500	210.3G	0.0	210.3
XERU-331		Jalapa	Mx	1550	10.000	1917.9	1928.3	240.4	53.7	25.0	35.7	1.4	1.4	11.91	331.0	64.2	.500	209.9G	0.0	209.9
XERU-332		Jalapa	Mx	1550	10.000	1916.8	1927.2	240.4	53.7	25.0	35.7	1.4	1.4	11.93	332.0	64.2	.500	209.5G	0.0	209.5
XERU-333		Jalapa	Mx	1550	10.000	1915.7	1926.1	240.4	53.7	25.0	35.7	1.4	1.4	11.96	333.0	64.2	.500	209.1G	0.0	209.1
XERU-334		Jalapa	Mx	1550	10.000	1914.6	1925.0	240.4	53.7	25.0	35.7	1.4	1.4	11.98	334.0	64.2	.500	208.7G	0.0	208.7
XERU-335		Jalapa	Mx	1550	10.000	1913.5	1923.9	240.4	53.7	25.0	35.7	1.4	1.4	12.00	335.0	64.2	.500	208.3G	0.0	208.3
XERU-336		Jalapa	Mx	1550	10.000	1912.4	1922.8	240.4	53.7	25.0	35.7	1.4	1.4	12.02	336.0	64.2	.500	208.0G	0.0	208.0
XERU-337		Jalapa	Mx	1550	10.000	1911.3	1921.7	240.4	53.7	25.0	35.7	1.4	1.4	12.04	337.0	64.2	.500	207.6G	0.0	207.6
XERU-338		Jalapa	Mx	1550	10.000	1910.2	1920.6	240.4	53.7	25.0	35.7	1.4	1.4	12.07	338.0	64.2	.500	207.2G	0.0	207.2
XERU-339		Jalapa	Mx	1550	10.000	1909.1	1919.6	240.4	53.7	25.0	35.7	1.4	1.4	12.09	339.0	64.2	.500	206.8G	0.0	206.8
XERU-340		Jalapa	Mx	1550	10.000	1908.0	1918.5	240.4	53.7	25.0	35.7	1.4	1.4	12.11	340.0	64.2	.500	206.4G	0.0	206.4
XERU-341		Jalapa	Mx	1550	10.000	1907.0	1917.4	240.4	53.7	25.0	35.7	1.4	1.4	12.13	341.0	64.2	.500	206.1G	0.0	206.1
XERU-342		Jalapa	Mx	1550	10.000	1905.9	1916.4	240.4	53.7	25.0	35.7	1.4	1.4	12.15	342.0	64.2	.500	205.7G	0.0	205.7
XERU-343		Jalapa	Mx	1550	10.000	1904.8	1915.3	240.3	53.7	25.0	35.7	1.4	1.4	12.18	343.0	64.2	.500	205.3G	0.0	205.3
XERU-344		Jalapa	Mx	1550	10.000	1903.8	1914.2	240.3	53.6	25.0	35.7	1.5	1.5	12.20	344.0	64.2	.500	205.0G	0.0	205.0
XERU-345		Jalapa	Mx	1550	10.000	1902.7	1913.2	240.3	53.6	25.0	35.7	1.5	1.5	12.22	345.0	64.2	.500	204.6G	0.0	204.6
XERU-346		Jalapa	Mx	1550	10.000	1901.7	1912.2	240.3	53.6	25.0	35.7	1.5	1.5	12.24	346.0	64.2	.500	204.3G	0.0	204.3
XERU-347		Jalapa	Mx	1550	10.000	1900.6	1911.1	240.3	53.6	25.0	35.7	1.5	1.5	12.26	347.0	64.2	.500	203.9G	0.0	203.9
XERU-348		Jalapa	Mx	1550	10.000	1899.6	1910.1	240.3	53.6	25.0	35.7	1.5	1.5	12.28	348.0	64.2	.500	203.5G	0.0	203.5
XERU-349		Jalapa	Mx	1550	10.000	1898.6	1909.1	240.3	53.6	25.0	35.7	1.5	1.5	12.30	349.0	64.2	.500	203.2G	0.0	203.2
XERU-350		Jalapa	Mx	1550	10.000	1897.6	1908.1	240.3	53.6	25.0	35.7	1.5	1.5	12.32	350.0	64.2	.500	202.9G	0.0	202.9
XERU-351		Jalapa	Mx	1550	10.000	1896.6	1907.1	240.2	53.6	25.0	35.7	1.5	1.5	12.34	351.0	64.2	.500	202.5G	0.0	202.5
XERU-352		Jalapa	Mx	1550	10.000	1895.6	1906.1	240.2	53.6	25.0	35.7	1.5	1.5	12.37	352.0	64.2	.500	202.2G	0.0	202.2
XERU-353		Jalapa	Mx	1550	10.000	1894.6	1905.2	240.2	53.6	25.0	35.7	1.5	1.5	12.39	353.0	64.2	.500	201.8G	0.0	201.8
XERU-354		Jalapa	Mx	1550	10.000	1893.7	1904.2	240.2	53.5	25.0	35.7	1.5	1.5	12.41	354.0	64.2	.500	201.5G	0.0	201.5
XERU-355		Jalapa	Mx	1550	10.000	1892.7	1903.2	240.2	53.5	25.0	35.7	1.5	1.5	12.43	355.0	64.2	.500	201.2G	0.0	201.2
XERU-356		Jalapa	Mx	1550	10.000	1891.7	1902.3	240.2	53.5	25.0	35.7	1.5	1.5	12.45	356.0	64.2	.500	200.8G	0.0	200.8

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St. Simons Island, GA

AM Night Permissible Radiation Study

Title: Bunnell

Frequency: 1550 kHz

Latitude: N 29° 29' 30.0"
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Call	Auth	City	St	Freq (kHz)	Power (kW)	GC Dist. (km)	Slant Dist. (km)	--Azimuth-- To From		Mid-Pt Lat GC GMag		--- Theta --- Min Max		S.W. Mult.	50% Limit	25% Limit	Req'd Prot.	Permis Rad.	Current Rad.	Margin
XERU-357		Jalapa	Mx	1550	10.000	1890.8	1901.4	240.1	53.5	25.0	35.7	1.5	1.5	12.47	357.0	64.2	.500	200.5G	0.0	200.5
XERU-358		Jalapa	Mx	1550	10.000	1889.9	1900.4	240.1	53.5	25.0	35.7	1.5	1.5	12.49	358.0	64.2	.500	200.2G	0.0	200.2
XERU-359		Jalapa	Mx	1550	10.000	1889.0	1899.5	240.1	53.5	25.0	35.7	1.5	1.5	12.51	359.0	64.2	.500	199.9G	0.0	199.9

>> End of AM Night Permissible Radiation Study <<