

Clyde Scott, Jr.

Modify: BNPFT-20130320ADN

Tallahassee, FL.

SEPTEMBER 2013

**Technical Statement:**

The attached technical statement and related exhibits are prepared by EME Communications for Clyde Scott, Jr. The purpose is to modify the construction permit of W245CB to specify a new antenna system and effective radiated power (ERP).

Condition four (4) on the construction permit states that a LPFM preclusion study will be required if any modification to the permit is proposed. Attached to this report is that study.

Exhibit 1 is an interference study that shows NO interference to any facility present or proposed. The attached studies and related exhibits ***employ the FCC 30 sec terrain database***. It is requested that the Commission's staff use the same database when evaluating this proposal. Attached is a "Google Earth" Map showing the proposed location.

This proposal will re-broadcast AM facility WCVB (FID 71303) also licensed to Tallahassee, Florida. Exhibit 2 is a visual plot that clearly shows the proposed will not extend the 2.0 mV/m contour of WCVB or the 25 mile limit.

This application proposes to employ a composite antenna system using two Scala CA5-FM-CP-RM. Radials 0 and 90 degrees have a relative value of 1.000. Antenna 1 pointing at 0 degrees true and antenna 2 at 90 degrees true. The proposed ERP will be increased to 0.250 Kw (250 Watts).

**Proposed supporting structure:**

Tower ID: 1026149

Coordinates (NAD27): 30-29-03.28 N, 084-17-13.36 W

Status: Constructed

Action Date: 08/13/1997

Construction Date: 01/01/1955

Location: 117 1/2 HENDERSON RD, TALLAHASSEE, FL

Height (AG): 70.00 m, Elevation: 69.00 m, Structure Height: 69.00 m

Circular Number: N/A

FAA Number: N/A FAA Chapter: 1, 3, 11, 21

**Conclusion:**

Clyde Scott, Jr. proposes to modify the above mentioned application to specify a new antenna system and ERP and re-broadcast WCVB(AM) to better serve the people of Tallahassee, Florida.. It is believed this statement and attached exhibits should pass muster with the Commission's staff and therefore be granted.

Clyde Scott, Jr.  
EME Communications

W245CB - TALLAHASSEE, FLORIDA  
PRECLUSION ANALYSIS  
TO CHANGE BNPFT-20130320ADN

TALLAHASSEE, FL  
Latitude 30-20-17  
Longitude 084-16-51  
Grid Size 21 x 21  
Micro FM 100 Watts at 30m HAAT  
Co-Channel and 1st Adjacent Protected  
2nd Adjacent Channel Protected  
3rd Adjacent Channel Not Protected  
I.F. Protected  
TV Channel 6 Protected  
CP Records Protected  
APP Records Protected  
FM Translators Protected  
TV Channel 6 Translators/LP Protected  
Auc83 FX App Records Protected

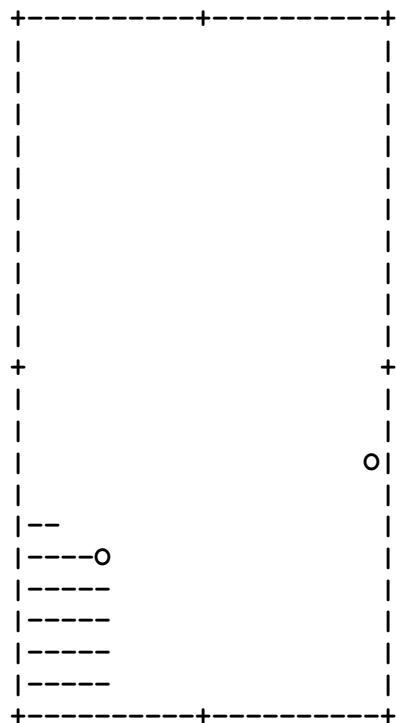
Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	235	242	0	262	0	282	0
203	0	223	163	243	0	263	0	283	0
204	0	224	83	244	28	264	0	284	0
205	0	225	1	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	2	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	14	272	0	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	275	258	40	278	0	298	0
219	0	239	0	259	0	279	0	299	3
								300	0

-----  
Total 844

Conclusion: Tallahassee is not listed in either appendix a or b as a spectrum limited or available market. However, to comply with a condition set forth in the original W245CB construction permit, this preclusion study is offered.

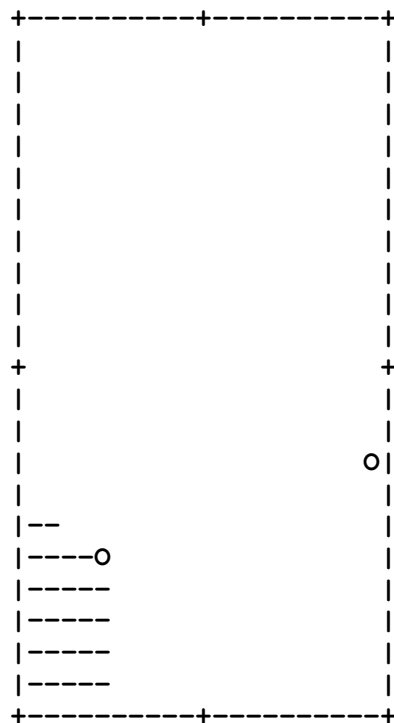
Channels 243,245,246,& 247 are precluded from an LPFM based on the attached study. First adjacent channel 244 is not precluded. The attached study shows no preclusion of an LPFM on channel 244, therefore this instant proposal passes the LPFM preclusion analysis.

TALLAHASSEE, FL  
 Latitude 30-20-17  
 Longitude 084-16-51  
 Least preclusive siting  
 Availability of Channel 244 (X)



Point #008 at 30-17-17 084-06-51  
 Point #341 at 30-14-17 084-22-51

TALLAHASSEE, FL  
 Latitude 30-20-17  
 Longitude 084-16-51  
 Most preclusive siting  
 Availability of Channel 244 (X)

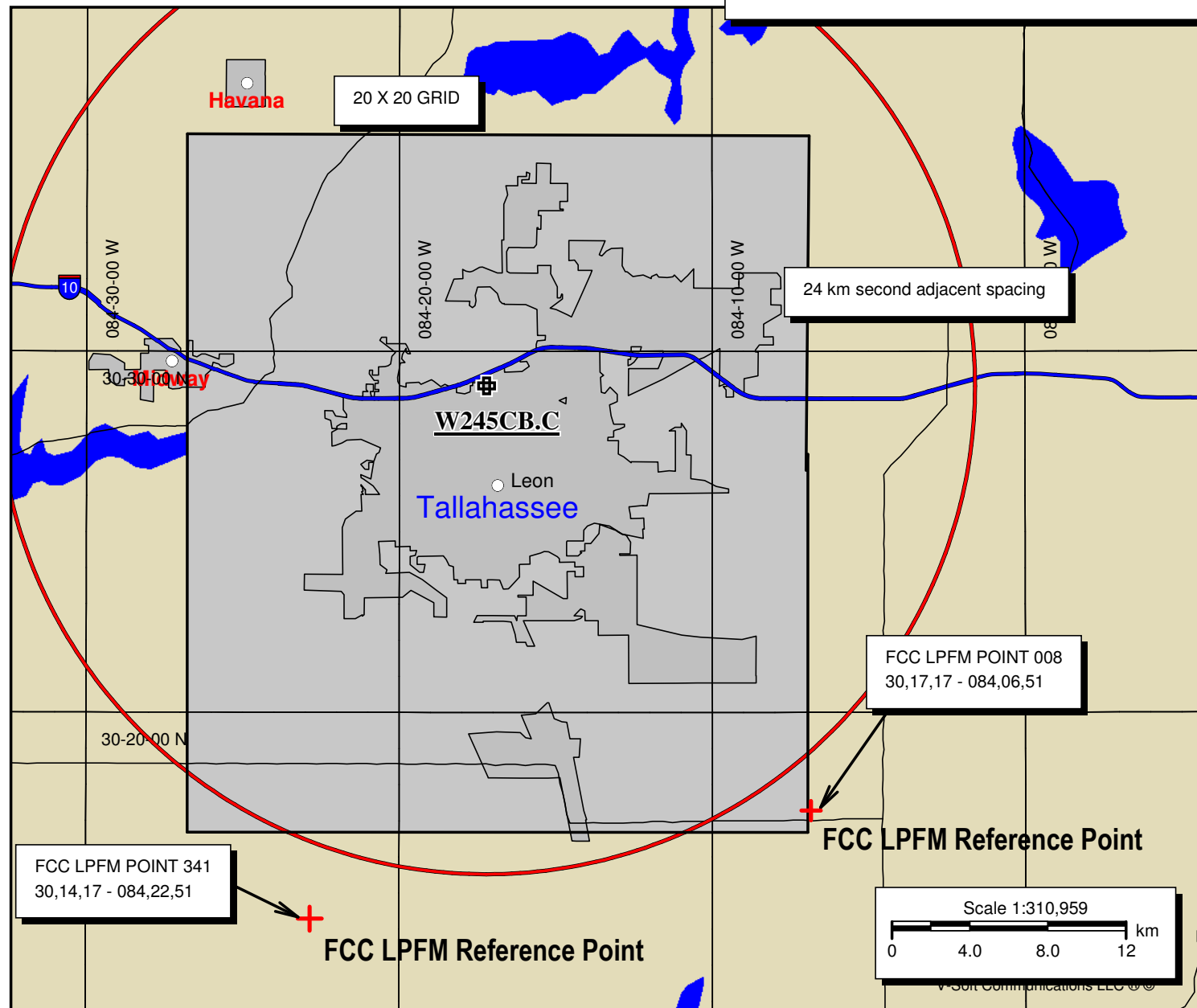


Point #341 at 30-14-17 084-22-51  
 Point #008 at 30-17-17 084-06-51

# EME Communications - Moultrie, GA - USA

## W245CB.C

Latitude: 30-29-03 N  
Longitude: 084-17-13 W  
ERP: 0.25 kW  
Channel: 245  
Frequency: 96.9 MHz  
AMSL Height: 137.0 m  
Elevation: 54.77 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None



EME Communications  
Moultrie, GA

EXHIBIT - 1

Clyde Scott, Jr.

REFERENCE CH# 245D - 96.9 MHz, Pwr= 0.25 kw DA, HAAT= 105.3 M, COR= 137 M DISPLAY DATES  
30 29 03.0 N. Average Protected F(50-50)= 13.19 km DATA 09-01-13  
84 17 13.0 W. Standard Directional SEARCH 09-03-13

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*OUT* (Overlap in km)
245D Tallahassee	W245CB	CP	_C_	0.0 0.0	0.00 BNPFT20130320ADN	30 29 03.0 84 17 13.0	0.020	22.8 137	6.8 Clyde Scott, Jr.	-50.6*
245L1 Wakulla County	WHTR-LP	LIC	___	169.6 349.6	31.05 BLL20050523AES	30 12 34.0 84 13 42.0	0.099 18	23	St. Marks Trail Associatio	1.0
247C0 Bainbridge	WGEX	LIC	_CX	341.8 161.7	78.33 BMLH20110728ADK	31 09 12.0 84 32 38.0	100.000 304	10.3 348	73.1 Cc Licenses, Llc	4.2
243D Tallahassee	W243CZ	CP	_C_	250.9 70.8	11.38 BNPFT20130327AGJ	30 27 02.0 84 23 57.0	0.010	0.2 112	4.9 Csn International	6.2
244C2 Valdosta	WGOV-FM	LIC	NCX	68.0 248.5	95.90 BLH20060601ABI	30 48 13.0 83 21 20.0	50.000 100	72.7 157	47.4 W.g.o.v., Inc.	31.3
245C0 Hartford	WDJR	RSV-A	___	289.6 108.9	147.61	30 55 19.0 85 44 41.0	100.000 450	187.1 487	83.5 Gulf South Communications,	42.0
245C0 Hartford	WDJR	APP	_CX	289.6 108.9	147.61 BPH20121119AOD	30 55 19.0 85 44 41.0	100.000 316	174.1 354	73.8 Gulf South Communications,	51.7
245C0 Enterprise	WDJR	LIC	_CX	289.6 108.9	147.61 BLH20060912ABV	30 55 19.0 85 44 41.0	100.000 316	174.1 354	73.8 Gulf South Communications,	51.7

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= East Zone, Co to 3rd adjacent.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
Incoming contour overlap is ignored.

"\*"affixed to 'IN' or 'OUT' values = site inside protected contour.

< = Contour Overlap

Reference station has protected zone issue:

08-18-2013

Terrain Data: FCC NGDC 30 Sec

FMOver Analysis

W245CB.C

WHTR-LP BLL20050523AES

Channel = 245D

Max ERP = 0.25 kW

RCAMSL = 137 M

N. Lat. 30 29 03.0

W. Lng. 84 17 13.0

Protected

60 dBu

Channel = 245L1

Max ERP = 0.099 kW

RCAMSL = 22.8 M

N. Lat. 30 12 34.0

W. Lng. 84 13 42.0

Interfering

40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
110.0	000.2071	0110.7	012.9	013.9	000.0990	0012.8	026.9	33.90	
111.0	000.2012	0111.4	012.9	013.8	000.0990	0012.8	026.7	34.03	
112.0	000.1954	0112.5	012.8	013.6	000.0990	0012.8	026.5	34.17	
113.0	000.1898	0114.0	012.8	013.5	000.0990	0012.8	026.3	34.31	
114.0	000.1841	0115.5	012.8	013.4	000.0990	0012.8	026.0	34.44	
115.0	000.1790	0116.4	012.8	013.2	000.0990	0012.8	025.8	34.58	
116.0	000.1721	0116.6	012.6	012.9	000.0990	0012.8	025.6	34.71	
117.0	000.1661	0116.0	012.5	012.4	000.0990	0012.8	025.5	34.82	
118.0	000.1598	0114.8	012.3	011.9	000.0990	0012.8	025.3	34.93	
119.0	000.1536	0113.1	012.1	011.4	000.0990	0012.8	025.1	35.03	
120.0	000.1476	0111.3	011.9	010.8	000.0990	0012.8	025.0	35.12	
121.0	000.1407	0109.6	011.7	010.1	000.0990	0012.7	024.9	35.19	
122.0	000.1340	0108.1	011.5	009.5	000.0990	0012.7	024.8	35.27	
123.0	000.1271	0107.0	011.3	008.9	000.0990	0012.7	024.7	35.34	
124.0	000.1207	0106.1	011.1	008.3	000.0990	0012.7	024.6	35.41	
125.0	000.1145	0105.0	010.9	007.7	000.0990	0012.7	024.5	35.47	
126.0	000.1079	0103.4	010.7	007.0	000.0990	0012.7	024.4	35.50	
127.0	000.1014	0101.6	010.4	006.3	000.0990	0012.7	024.4	35.53	
128.0	000.0952	0100.1	010.2	005.6	000.0990	0012.7	024.4	35.55	
129.0	000.0892	0098.9	010.0	005.0	000.0990	0012.8	024.3	35.57	
130.0	000.0833	0098.1	009.8	004.4	000.0990	0012.8	024.3	35.59	
131.0	000.0775	0097.5	009.6	003.7	000.0990	0012.8	024.3	35.60	
132.0	000.0716	0097.4	009.4	003.1	000.0990	0012.8	024.3	35.61	
133.0	000.0661	0097.4	009.2	002.6	000.0990	0012.8	024.3	35.61	
134.0	000.0609	0097.2	009.0	002.0	000.0990	0012.8	024.3	35.60	
135.0	000.0557	0096.6	008.8	001.3	000.0990	0012.8	024.3	35.58	
136.0	000.0521	0096.1	008.6	000.8	000.0990	0012.8	024.3	35.56	
137.0	000.0484	0095.8	008.4	000.2	000.0990	0012.8	024.4	35.55	
138.0	000.0448	0096.0	008.3	359.7	000.0990	0012.8	024.4	35.54	
139.0	000.0414	0096.7	008.1	359.3	000.0990	0012.8	024.4	35.53	
140.0	000.0382	0097.6	008.0	358.8	000.0990	0012.8	024.4	35.52	
141.0	000.0357	0098.0	007.9	358.4	000.0990	0012.8	024.4	35.52	
142.0	000.0331	0097.7	007.7	357.9	000.0990	0012.8	024.5	35.49	
143.0	000.0306	0097.1	007.5	357.4	000.0990	0012.8	024.5	35.44	
144.0	000.0283	0096.8	007.4	357.0	000.0990	0012.8	024.6	35.40	
145.0	000.0261	0097.1	007.3	356.6	000.0990	0012.8	024.6	35.38	
146.0	000.0246	0097.9	007.2	356.2	000.0990	0012.8	024.6	35.38	
147.0	000.0234	0098.5	007.1	355.9	000.0990	0012.8	024.6	35.38	
148.0	000.0222	0098.8	007.0	355.6	000.0990	0012.8	024.6	35.38	
149.0	000.0208	0098.9	006.9	355.2	000.0990	0012.8	024.7	35.35	
150.0	000.0197	0099.0	006.9	354.9	000.0990	0012.8	024.7	35.33	
151.0	000.0188	0099.5	006.8	354.6	000.0990	0012.8	024.7	35.33	
152.0	000.0179	0100.8	006.8	354.3	000.0990	0012.8	024.7	35.34	

153.0	000.0170	0102.7	006.7		354.0	000.0990	0012.8	024.6	35.36
154.0	000.0161	0104.8	006.7		353.8	000.0990	0012.8	024.6	35.38
155.0	000.0154	0106.4	006.7		353.5	000.0990	0012.8	024.6	35.39
156.0	000.0155	0107.5	006.7		353.3	000.0990	0012.8	024.5	35.44
157.0	000.0157	0108.0	006.8		353.0	000.0990	0012.8	024.5	35.49
158.0	000.0158	0108.3	006.8		352.8	000.0990	0012.8	024.4	35.52
159.0	000.0160	0108.4	006.8		352.5	000.0990	0012.8	024.4	35.56
160.0	000.0161	0108.3	006.8		352.2	000.0990	0012.8	024.3	35.58
161.0	000.0164	0108.3	006.9		352.0	000.0990	0012.8	024.3	35.62
162.0	000.0166	0108.4	006.9		351.7	000.0990	0012.8	024.2	35.65
163.0	000.0169	0108.5	006.9		351.4	000.0990	0012.8	024.2	35.68
164.0	000.0171	0108.8	007.0		351.2	000.0990	0012.8	024.1	35.72
165.0	000.0174	0109.3	007.0		350.9	000.0990	0012.8	024.1	35.75
166.0	000.0177	0110.1	007.0		350.6	000.0990	0012.8	024.0	35.80
167.0	000.0183	0110.9	007.1		350.3	000.0990	0012.8	023.9	35.86
168.0	000.0186	0111.9	007.2		350.0	000.0990	0012.8	023.9	35.91
169.0	000.0190	0112.9	007.3		349.7	000.0990	0012.8	023.8	35.96
170.0	000.0196	0113.8	007.3		349.4	000.0990	0012.8	023.7	36.01
171.0	000.0198	0114.4	007.4		349.1	000.0990	0012.8	023.7	36.04
172.0	000.0202	0114.8	007.4		348.8	000.0990	0012.8	023.6	36.07
173.0	000.0207	0115.0	007.5		348.5	000.0990	0012.8	023.6	36.10
174.0	000.0210	0114.9	007.5		348.2	000.0990	0012.8	023.6	36.10
175.0	000.0213	0114.9	007.5		347.8	000.0990	0012.8	023.6	36.11
176.0	000.0216	0114.9	007.5		347.5	000.0990	0012.8	023.6	36.12
177.0	000.0220	0115.1	007.6		347.2	000.0990	0012.8	023.5	36.13
178.0	000.0222	0115.8	007.6		346.8	000.0990	0012.8	023.5	36.14
179.0	000.0226	0116.4	007.7		346.5	000.0990	0012.8	023.5	36.16
180.0	000.0229	0117.0	007.7		346.2	000.0990	0012.8	023.5	36.17
181.0	000.0231	0117.6	007.8		345.8	000.0990	0012.8	023.5	36.17
182.0	000.0233	0118.2	007.8		345.5	000.0990	0012.8	023.5	36.16
183.0	000.0235	0118.8	007.8		345.1	000.0990	0012.8	023.5	36.16
184.0	000.0237	0119.4	007.9		344.8	000.0990	0012.8	023.5	36.15
185.0	000.0239	0119.9	007.9		344.5	000.0990	0012.8	023.5	36.14
186.0	000.0241	0120.5	007.9		344.1	000.0990	0012.8	023.5	36.13
187.0	000.0242	0121.0	007.9		343.8	000.0990	0012.9	023.6	36.11
188.0	000.0243	0121.4	008.0		343.5	000.0990	0012.9	023.6	36.08
189.0	000.0245	0121.8	008.0		343.1	000.0990	0013.0	023.7	36.05
190.0	000.0246	0122.1	008.0		342.8	000.0990	0013.0	023.7	36.02
191.0	000.0245	0122.2	008.0		342.5	000.0990	0013.1	023.8	35.97
192.0	000.0243	0122.1	008.0		342.2	000.0990	0013.2	023.8	35.91
193.0	000.0243	0121.9	008.0		342.0	000.0990	0013.3	023.9	35.86
194.0	000.0241	0121.6	008.0		341.7	000.0990	0013.3	024.0	35.79
195.0	000.0241	0121.2	007.9		341.5	000.0990	0013.4	024.1	35.73
196.0	000.0237	0120.7	007.9		341.2	000.0990	0013.5	024.2	35.65
197.0	000.0234	0120.1	007.9		341.0	000.0990	0013.6	024.3	35.57
198.0	000.0230	0119.8	007.8		340.8	000.0990	0013.7	024.5	35.49
199.0	000.0227	0119.5	007.8		340.6	000.0990	0013.7	024.6	35.42
200.0	000.0225	0119.5	007.8		340.4	000.0990	0013.8	024.7	35.35
201.0	000.0220	0119.5	007.7		340.2	000.0990	0013.9	024.8	35.27
202.0	000.0215	0119.7	007.7		340.1	000.0990	0013.9	024.9	35.19
203.0	000.0210	0119.8	007.6		339.9	000.0990	0014.0	025.0	35.11
204.0	000.0205	0119.8	007.6		339.8	000.0990	0014.0	025.1	35.02
205.0	000.0201	0119.9	007.6		339.6	000.0990	0014.1	025.3	34.95
206.0	000.0195	0119.9	007.5		339.5	000.0990	0014.1	025.4	34.86
207.0	000.0190	0119.9	007.5		339.4	000.0990	0014.1	025.5	34.77
208.0	000.0185	0119.6	007.4		339.3	000.0990	0014.1	025.7	34.69
209.0	000.0179	0119.4	007.3		339.2	000.0990	0014.2	025.8	34.60
210.0	000.0175	0119.3	007.3		339.1	000.0990	0014.2	025.9	34.52
211.0	000.0169	0119.2	007.2		339.0	000.0990	0014.2	026.1	34.43
212.0	000.0165	0118.9	007.2		338.9	000.0990	0014.2	026.2	34.35

213.0	000.0158	0118.1	007.1		338.9	000.0990	0014.2	026.3	34.25
214.0	000.0153	0117.2	007.0		338.9	000.0990	0014.2	026.5	34.16
215.0	000.0149	0116.2	006.9		338.9	000.0990	0014.2	026.6	34.07
216.0	000.0144	0115.4	006.9		338.9	000.0990	0014.2	026.8	33.98
217.0	000.0140	0114.7	006.8		338.9	000.0990	0014.2	026.9	33.90
218.0	000.0137	0114.0	006.7		338.8	000.0990	0014.2	027.0	33.82
219.0	000.0133	0113.5	006.7		338.8	000.0990	0014.2	027.2	33.74
220.0	000.0129	0113.5	006.6		338.8	000.0990	0014.2	027.3	33.67
221.0	000.0126	0113.8	006.6		338.7	000.0990	0014.2	027.4	33.60
222.0	000.0122	0114.4	006.6		338.7	000.0990	0014.2	027.5	33.53
223.0	000.0120	0114.8	006.5		338.6	000.0990	0014.2	027.6	33.46
224.0	000.0117	0115.0	006.5		338.6	000.0990	0014.2	027.8	33.40
225.0	000.0113	0115.1	006.5		338.6	000.0990	0014.2	027.9	33.32
226.0	000.0117	0115.0	006.5		338.4	000.0990	0014.2	028.0	33.28
227.0	000.0120	0114.8	006.5		338.3	000.0990	0014.3	028.1	33.22
228.0	000.0122	0114.4	006.6		338.1	000.0990	0014.3	028.2	33.17
229.0	000.0126	0114.0	006.6		338.0	000.0990	0014.2	028.3	33.11

-----|-----

08-18-2013      Terrain Data: FCC NGDC 30 Sec      FMOver Analysis

WHTR-LP    BLL20050523AES

W245CB.C

Channel = 245L1  
 Max ERP = 0.099 kW  
 RCAMSL = 22.8 M  
 N. Lat. 30 12 34.0  
 W. Lng. 84 13 42.0  
 Protected  
 60 dBu

Channel = 245D  
 Max ERP = 0.25 kW  
 RCAMSL = 137 M  
 N. Lat. 30 29 03.0  
 W. Lng. 84 17 13.0  
 Interfering  
 40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)		Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
290.0	000.0990	0016.6	005.6		179.3	000.0227	0116.6	028.6	38.17	
291.0	000.0990	0016.8	005.6		179.2	000.0227	0116.5	028.5	38.22	
292.0	000.0990	0017.0	005.6		179.2	000.0227	0116.5	028.4	38.27	
293.0	000.0990	0017.1	005.6		179.1	000.0226	0116.4	028.3	38.32	
294.0	000.0990	0017.2	005.6		179.0	000.0226	0116.4	028.3	38.36	
295.0	000.0990	0017.2	005.6		178.9	000.0226	0116.3	028.2	38.41	
296.0	000.0990	0017.2	005.6		178.8	000.0225	0116.3	028.1	38.45	
297.0	000.0990	0017.1	005.6		178.7	000.0225	0116.2	028.0	38.50	
298.0	000.0990	0017.0	005.6		178.6	000.0225	0116.2	027.9	38.54	
299.0	000.0990	0017.0	005.6		178.5	000.0224	0116.1	027.8	38.58	
300.0	000.0990	0016.9	005.6		178.4	000.0224	0116.1	027.7	38.62	
301.0	000.0990	0016.9	005.6		178.3	000.0223	0116.0	027.7	38.66	
302.0	000.0990	0017.0	005.6		178.2	000.0223	0115.9	027.6	38.70	
303.0	000.0990	0017.2	005.6		178.1	000.0223	0115.8	027.5	38.74	
304.0	000.0990	0017.6	005.6		178.0	000.0222	0115.8	027.4	38.78	
305.0	000.0990	0018.2	005.6		177.8	000.0222	0115.7	027.3	38.81	
306.0	000.0990	0019.1	005.6		177.7	000.0222	0115.6	027.3	38.85	
307.0	000.0990	0019.9	005.6		177.6	000.0221	0115.5	027.2	38.89	
308.0	000.0990	0020.4	005.6		177.5	000.0221	0115.4	027.1	38.92	
309.0	000.0990	0020.4	005.6		177.3	000.0221	0115.3	027.0	38.96	
310.0	000.0990	0020.0	005.6		177.2	000.0220	0115.2	027.0	38.99	
311.0	000.0990	0019.4	005.6		177.0	000.0220	0115.2	026.9	39.02	
312.0	000.0990	0018.9	005.6		176.9	000.0219	0115.1	026.8	39.05	



313.0	000.0990	0018.4	005.6		176.7	000.0219	0115.0	026.7	39.09
314.0	000.0990	0017.9	005.6		176.6	000.0218	0115.0	026.7	39.12
315.0	000.0990	0017.3	005.6		176.4	000.0218	0115.0	026.6	39.14
316.0	000.0990	0016.7	005.6		176.3	000.0217	0114.9	026.5	39.17
317.0	000.0990	0016.1	005.6		176.1	000.0216	0114.9	026.5	39.20
318.0	000.0990	0015.5	005.6		175.9	000.0216	0114.9	026.4	39.23
319.0	000.0990	0015.1	005.6		175.8	000.0215	0114.9	026.4	39.26
320.0	000.0990	0014.9	005.6		175.6	000.0215	0114.9	026.3	39.29
321.0	000.0990	0015.1	005.6		175.4	000.0214	0114.9	026.2	39.32
322.0	000.0990	0015.3	005.6		175.2	000.0214	0114.9	026.2	39.34
323.0	000.0990	0015.5	005.6		175.1	000.0214	0114.9	026.1	39.37
324.0	000.0990	0015.4	005.6		174.9	000.0213	0114.9	026.1	39.39
325.0	000.0990	0015.3	005.6		174.7	000.0212	0114.9	026.0	39.41
326.0	000.0990	0015.2	005.6		174.5	000.0211	0114.9	026.0	39.43
327.0	000.0990	0015.3	005.6		174.3	000.0211	0114.9	025.9	39.45
328.0	000.0990	0015.3	005.6		174.1	000.0210	0114.9	025.9	39.47
329.0	000.0990	0015.1	005.6		173.9	000.0209	0114.9	025.9	39.48
330.0	000.0990	0014.8	005.6		173.7	000.0209	0115.0	025.8	39.50
331.0	000.0990	0014.4	005.6		173.5	000.0208	0115.0	025.8	39.52
332.0	000.0990	0014.0	005.6		173.3	000.0208	0115.0	025.7	39.54
333.0	000.0990	0013.8	005.6		173.1	000.0207	0115.0	025.7	39.55
334.0	000.0990	0013.7	005.6		172.9	000.0207	0115.0	025.7	39.56
335.0	000.0990	0013.8	005.6		172.7	000.0206	0115.0	025.6	39.56
336.0	000.0990	0014.0	005.6		172.5	000.0205	0115.0	025.6	39.55
337.0	000.0990	0014.2	005.6		172.3	000.0204	0114.9	025.6	39.54
338.0	000.0990	0014.2	005.6		172.1	000.0203	0114.8	025.6	39.53
339.0	000.0990	0014.2	005.6		171.9	000.0202	0114.8	025.5	39.53
340.0	000.0990	0014.0	005.6		171.6	000.0201	0114.7	025.5	39.52
341.0	000.0990	0013.6	005.6		171.4	000.0200	0114.6	025.5	39.51
342.0	000.0990	0013.2	005.6		171.2	000.0199	0114.5	025.5	39.49
343.0	000.0990	0013.0	005.6		171.0	000.0198	0114.4	025.5	39.48
344.0	000.0990	0012.8	005.6		170.8	000.0198	0114.3	025.5	39.47
345.0	000.0990	0012.8	005.6		170.6	000.0197	0114.2	025.4	39.45
346.0	000.0990	0012.8	005.6		170.3	000.0197	0114.0	025.4	39.44
347.0	000.0990	0012.8	005.6		170.1	000.0196	0113.9	025.4	39.42
348.0	000.0990	0012.8	005.6		169.9	000.0195	0113.7	025.4	39.39
349.0	000.0990	0012.8	005.6		169.7	000.0194	0113.5	025.4	39.34
350.0	000.0990	0012.8	005.6		169.5	000.0193	0113.3	025.4	39.30
351.0	000.0990	0012.8	005.6		169.2	000.0191	0113.1	025.4	39.25
352.0	000.0990	0012.8	005.6		169.0	000.0190	0112.9	025.4	39.20
353.0	000.0990	0012.8	005.6		168.8	000.0189	0112.7	025.4	39.16
354.0	000.0990	0012.8	005.6		168.6	000.0189	0112.5	025.4	39.12
355.0	000.0990	0012.8	005.6		168.4	000.0188	0112.2	025.4	39.08
356.0	000.0990	0012.8	005.6		168.1	000.0187	0112.0	025.5	39.04
357.0	000.0990	0012.8	005.6		167.9	000.0186	0111.8	025.5	38.99
358.0	000.0990	0012.8	005.6		167.7	000.0185	0111.6	025.5	38.94
359.0	000.0990	0012.8	005.6		167.5	000.0185	0111.4	025.5	38.90
000.0	000.0990	0012.8	005.6		167.3	000.0184	0111.2	025.5	38.85
001.0	000.0990	0012.8	005.6		167.1	000.0183	0111.0	025.6	38.80
002.0	000.0990	0012.8	005.6		166.8	000.0182	0110.8	025.6	38.74
003.0	000.0990	0012.8	005.6		166.6	000.0181	0110.6	025.6	38.68
004.0	000.0990	0012.8	005.6		166.4	000.0180	0110.4	025.6	38.61
005.0	000.0990	0012.8	005.6		166.2	000.0178	0110.2	025.7	38.55
006.0	000.0990	0012.7	005.6		166.0	000.0177	0110.1	025.7	38.48
007.0	000.0990	0012.7	005.6		165.8	000.0176	0109.9	025.7	38.43
008.0	000.0990	0012.7	005.6		165.6	000.0176	0109.7	025.8	38.37
009.0	000.0990	0012.7	005.6		165.4	000.0175	0109.6	025.8	38.32
010.0	000.0990	0012.7	005.6		165.2	000.0174	0109.5	025.8	38.26
011.0	000.0990	0012.8	005.6		165.0	000.0174	0109.3	025.9	38.21
012.0	000.0990	0012.8	005.6		164.8	000.0173	0109.2	025.9	38.16

013.0	000.0990	0012.8	005.6		164.6	000.0173	0109.1	026.0	38.11
014.0	000.0990	0012.8	005.6		164.4	000.0172	0109.0	026.0	38.05
015.0	000.0990	0012.8	005.6		164.2	000.0172	0108.9	026.1	38.00
016.0	000.0990	0012.8	005.6		164.1	000.0172	0108.8	026.1	37.95
017.0	000.0990	0012.8	005.6		163.9	000.0171	0108.8	026.2	37.90
018.0	000.0990	0012.8	005.6		163.7	000.0171	0108.7	026.2	37.85
019.0	000.0990	0012.8	005.6		163.5	000.0170	0108.6	026.3	37.79
020.0	000.0990	0012.8	005.6		163.3	000.0170	0108.6	026.3	37.74
021.0	000.0990	0012.8	005.6		163.2	000.0170	0108.5	026.4	37.69
022.0	000.0990	0012.8	005.6		163.0	000.0169	0108.5	026.5	37.63
023.0	000.0990	0012.8	005.6		162.9	000.0169	0108.5	026.5	37.58
024.0	000.0990	0012.8	005.6		162.7	000.0168	0108.4	026.6	37.52
025.0	000.0990	0012.8	005.6		162.5	000.0168	0108.4	026.7	37.46
026.0	000.0990	0012.8	005.6		162.4	000.0167	0108.4	026.7	37.40
027.0	000.0990	0012.8	005.6		162.2	000.0167	0108.4	026.8	37.34
028.0	000.0990	0012.8	005.6		162.1	000.0166	0108.4	026.9	37.28
029.0	000.0990	0012.8	005.6		161.9	000.0166	0108.4	026.9	37.22
030.0	000.0990	0012.8	005.6		161.8	000.0165	0108.4	027.0	37.17
031.0	000.0990	0012.8	005.6		161.7	000.0165	0108.4	027.1	37.11
032.0	000.0990	0012.8	005.6		161.5	000.0165	0108.3	027.2	37.05
033.0	000.0990	0012.9	005.6		161.4	000.0165	0108.3	027.2	37.00
034.0	000.0990	0013.1	005.6		161.3	000.0164	0108.3	027.3	36.94
035.0	000.0990	0013.6	005.6		161.1	000.0164	0108.3	027.4	36.88
036.0	000.0990	0014.4	005.6		161.0	000.0164	0108.3	027.5	36.82
037.0	000.0990	0015.4	005.6		160.9	000.0163	0108.3	027.6	36.76
038.0	000.0990	0016.2	005.6		160.8	000.0163	0108.3	027.6	36.70
039.0	000.0990	0016.8	005.6		160.7	000.0163	0108.3	027.7	36.65
040.0	000.0990	0017.3	005.6		160.6	000.0163	0108.3	027.8	36.59
041.0	000.0990	0017.7	005.6		160.5	000.0162	0108.3	027.9	36.53
042.0	000.0990	0018.0	005.6		160.4	000.0162	0108.3	028.0	36.47
043.0	000.0990	0017.9	005.6		160.3	000.0162	0108.3	028.1	36.41
044.0	000.0990	0017.9	005.6		160.2	000.0162	0108.3	028.1	36.35
045.0	000.0990	0018.1	005.6		160.1	000.0162	0108.3	028.2	36.29
046.0	000.0990	0018.6	005.6		160.0	000.0162	0108.3	028.3	36.23
047.0	000.0990	0019.2	005.6		160.0	000.0161	0108.3	028.4	36.17
048.0	000.0990	0019.6	005.6		159.9	000.0161	0108.3	028.5	36.11
049.0	000.0990	0019.7	005.6		159.8	000.0161	0108.4	028.6	36.06

-----|-----

# EME Communications - Moultrie, GA - USA

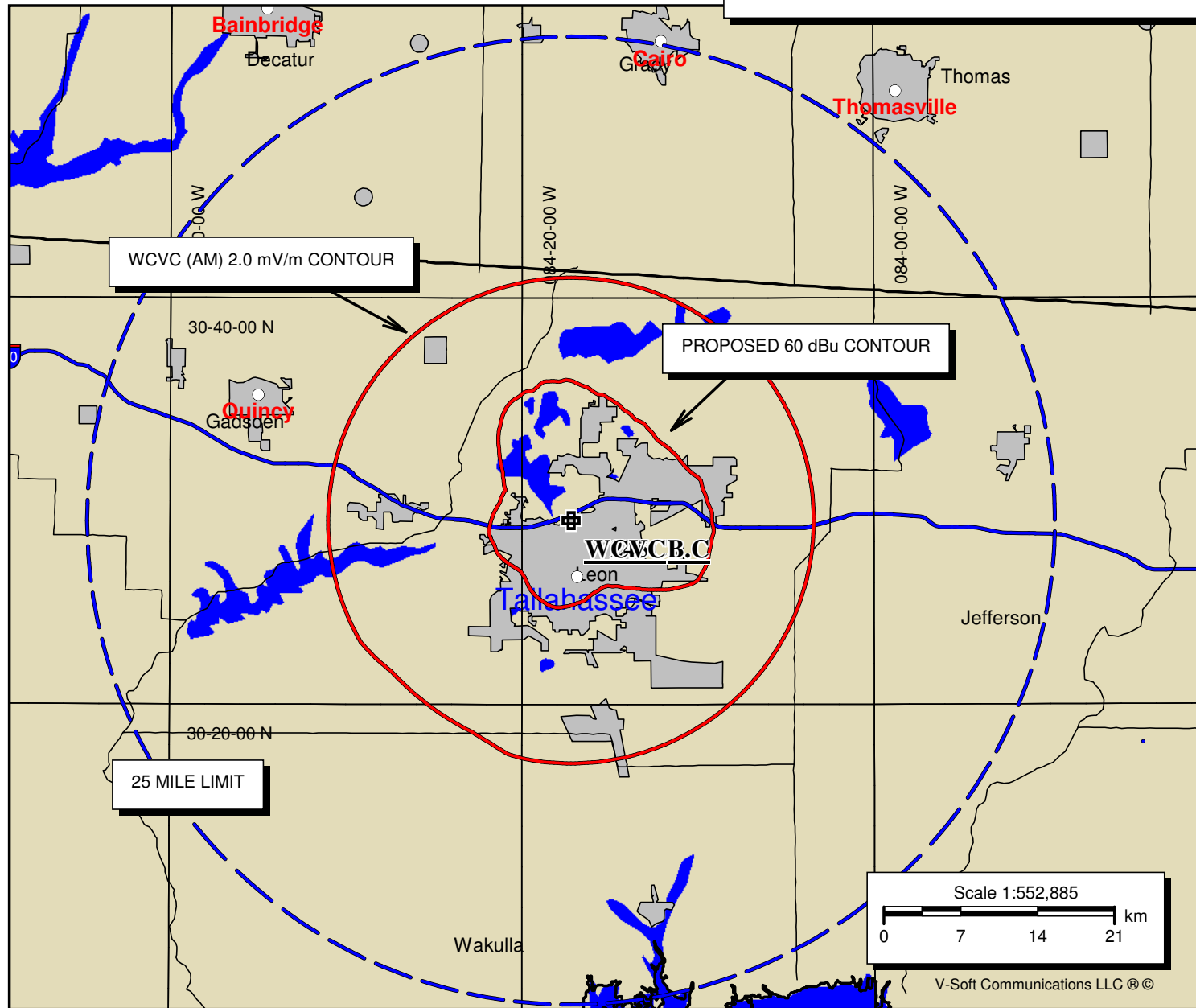
## W245CB.C

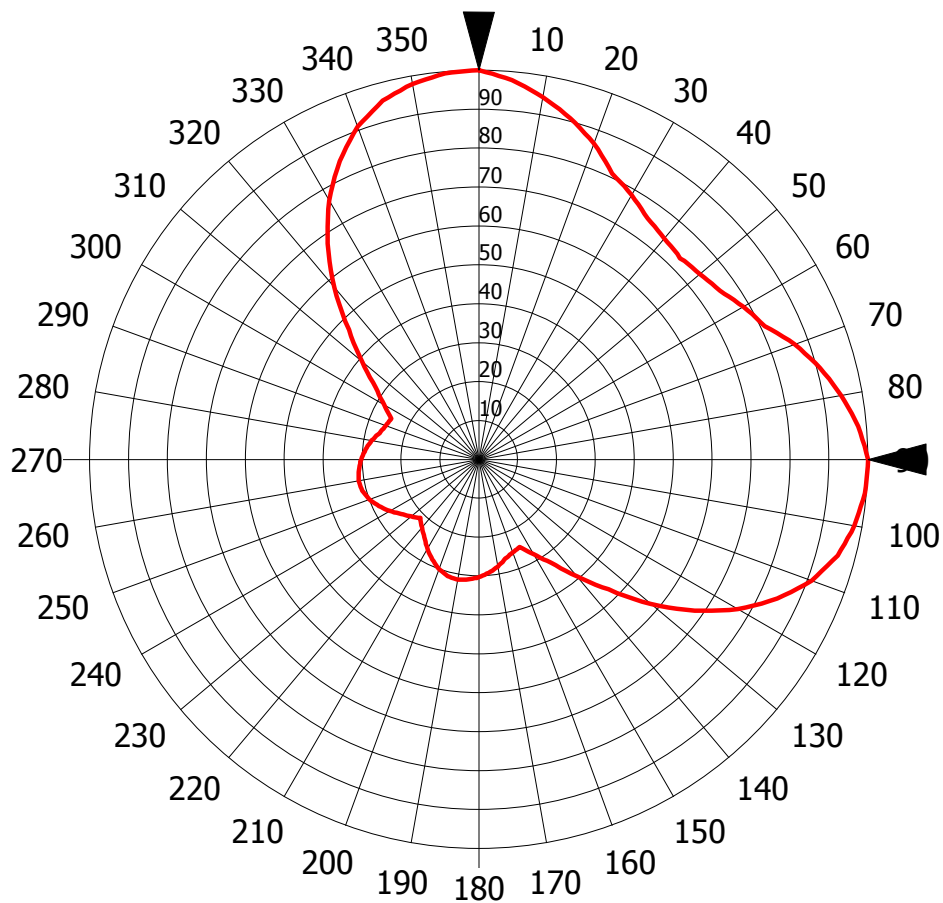
Latitude: 30-29-03 N  
Longitude: 084-17-13 W  
ERP: 0.25 kW  
Channel: 245  
Frequency: 96.9 MHz  
AMSL Height: 137.0 m  
Elevation: 54.77 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: None

## WCVG

Latitude: 30-29-03 N  
Longitude: 084-17-13 W  
ERP: 5.0 KW  
Channel: 201  
Frequency: 1.33 MHz  
AMSL Height: 0.0 m  
Elevation: 0.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: None

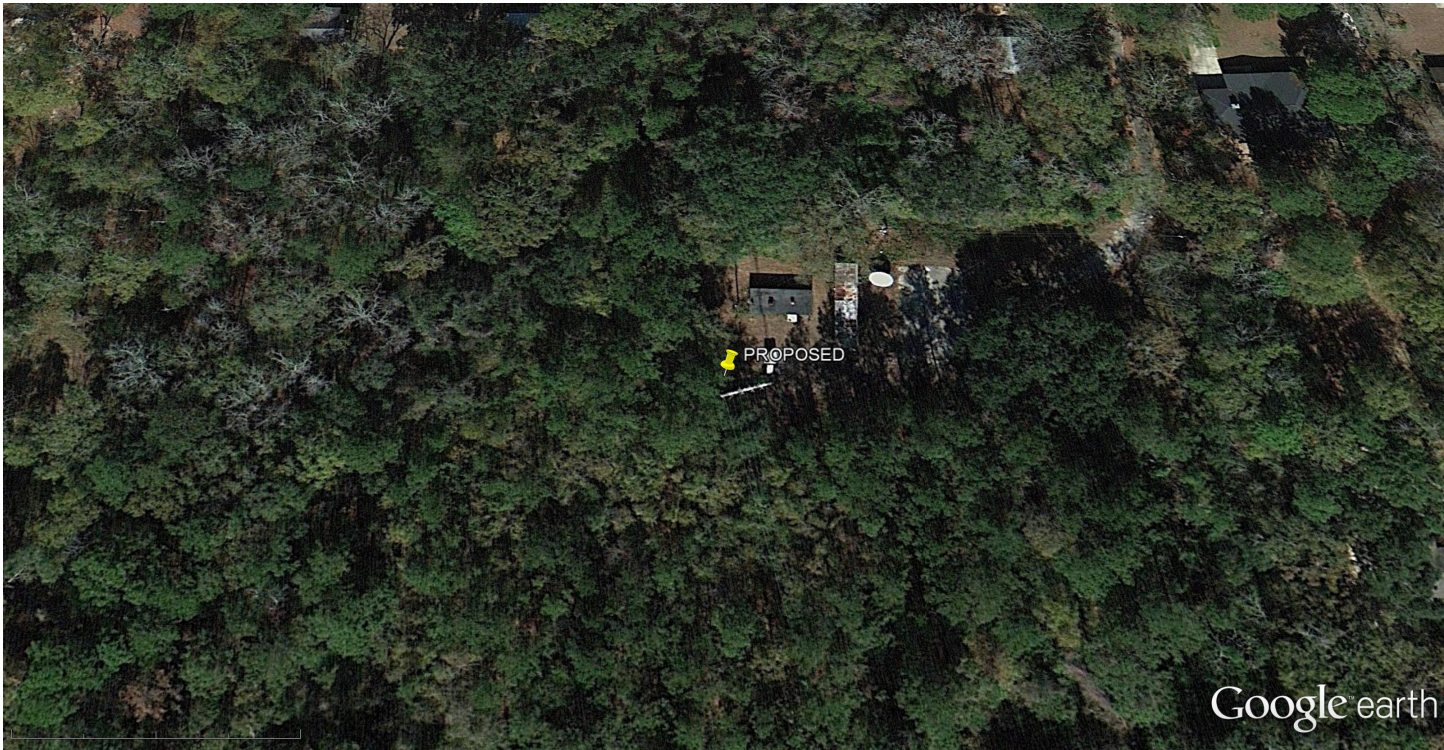
EXHIBIT - 2





Azi	Rel	dBk	kW	dB	Azi	Rel	dBk	kW	dB
0	1.000	-6.02	0.250	0.00	180	0.303	-16.41	0.023	-10.39
10	0.946	-6.51	0.224	-0.49	190	0.314	-16.09	0.025	-10.07
20	0.864	-7.29	0.187	-1.27	200	0.300	-16.48	0.022	-10.46
30	0.785	-8.13	0.154	-2.10	210	0.264	-17.57	0.017	-11.55
40	0.741	-8.63	0.137	-2.61	220	0.227	-18.89	0.013	-12.87
50	0.741	-8.63	0.137	-2.61	230	0.227	-18.89	0.013	-12.87
60	0.785	-8.13	0.154	-2.10	240	0.264	-17.57	0.017	-11.55
70	0.864	-7.29	0.187	-1.27	250	0.300	-16.48	0.022	-10.46
80	0.946	-6.51	0.224	-0.49	260	0.314	-16.09	0.025	-10.07
90	1.000	-6.02	0.250	0.00	270	0.303	-16.41	0.023	-10.39
100	0.979	-6.20	0.240	-0.18	280	0.280	-17.08	0.020	-11.06
110	0.910	-6.84	0.207	-0.82	290	0.254	-17.92	0.016	-11.90
120	0.768	-8.31	0.148	-2.29	300	0.281	-17.05	0.020	-11.03
130	0.577	-10.79	0.083	-4.77	310	0.391	-14.18	0.038	-8.16
140	0.391	-14.18	0.038	-8.16	320	0.577	-10.79	0.083	-4.77
150	0.281	-17.05	0.020	-11.03	330	0.768	-8.31	0.148	-2.29
160	0.254	-17.92	0.016	-11.90	340	0.910	-6.84	0.207	-0.82
170	0.280	-17.08	0.020	-11.06	350	0.979	-6.20	0.240	-0.18

Rotation Angle = 0



Google Earth Pro

