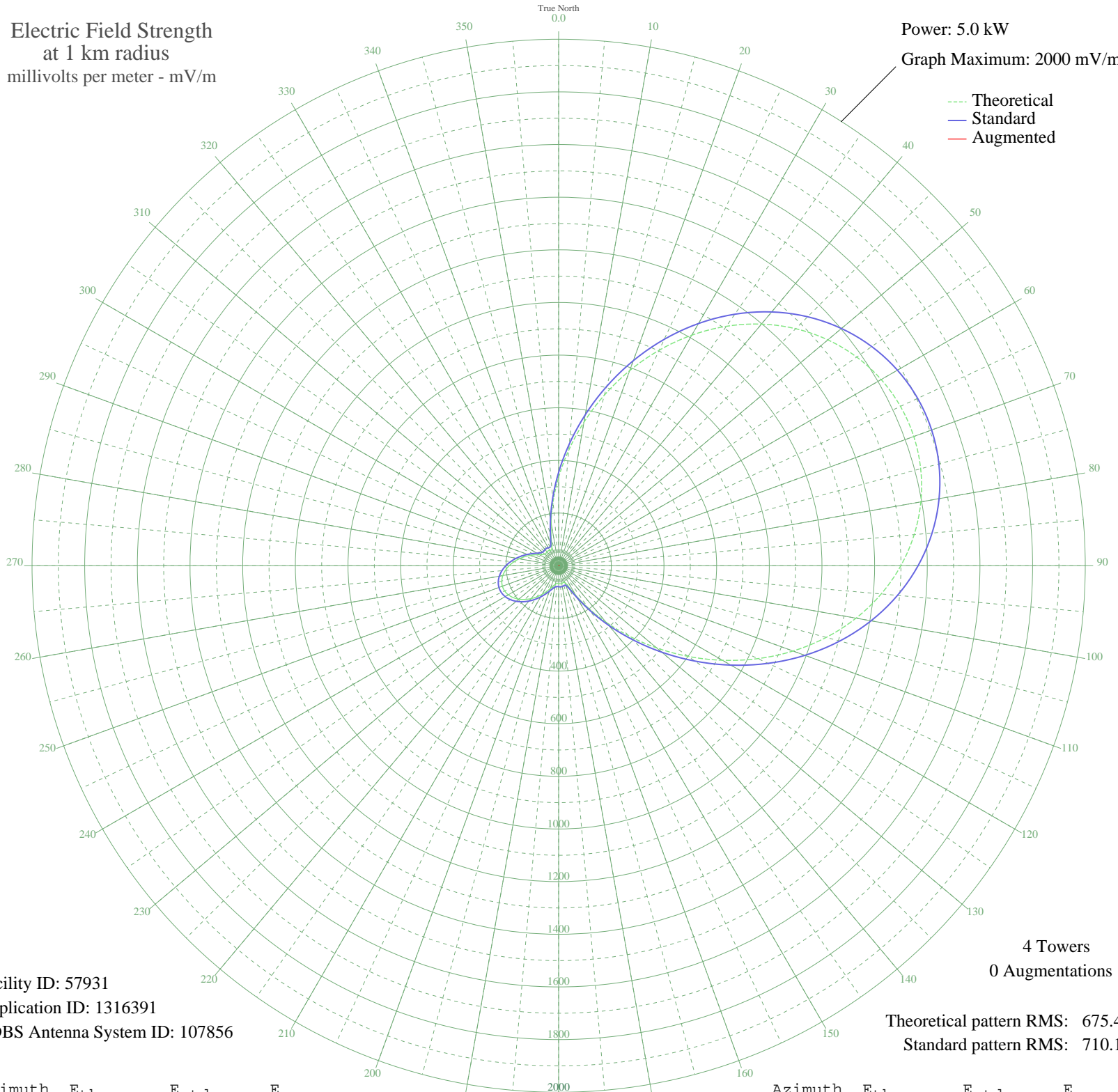


# WRLZ EATONVILLE, FL BL-20090527AHT 1270 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 57931  
Application ID: 1316391  
CDBS Antenna System ID: 107856

Theoretical pattern RMS: 675.43  
Standard pattern RMS: 710.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	336.26	354.84	
5	440.85	464.23	
10	553.73	582.49	
15	670.98	705.41	
20	788.69	828.88	
25	903.20	949.02	
30	1011.30	1062.45	
35	1110.30	1166.35	
40	1198.14	1258.54	
45	1273.30	1337.43	
50	1334.78	1401.97	
55	1381.98	1451.51	
60	1414.55	1485.70	
65	1432.35	1504.38	
70	1435.32	1507.50	
75	1423.45	1495.04	
80	1396.77	1467.04	
85	1355.40	1423.61	
90	1299.58	1365.01	
95	1229.79	1291.76	
100	1146.87	1204.73	
105	1052.12	1105.29	
110	947.37	995.37	
115	835.07	877.53	
120	718.22	754.96	
125	600.33	631.33	
130	485.22	510.71	
135	376.85	397.27	
140	279.07	295.15	
145	195.53	208.32	
150	129.84	140.83	
155	86.21	97.16	
160	67.43	79.12	
165	66.07	77.84	
170	68.66	80.27	
175	69.15	80.74	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	67.85	79.51	
185	67.56	79.24	
190	71.10	82.58	
195	79.61	90.74	
200	92.41	103.25	
205	108.19	118.96	
210	125.83	136.76	
215	144.46	155.73	
220	163.22	174.98	
225	181.20	193.51	
230	197.42	210.27	
235	210.90	224.24	
240	220.77	234.48	
245	226.37	240.30	
250	227.32	241.28	
255	223.55	237.37	
260	215.32	228.83	
265	203.19	216.25	
270	187.95	200.48	
275	170.56	182.53	
280	151.99	163.45	
285	133.21	144.26	
290	115.07	125.88	
295	98.43	109.22	
300	84.29	95.28	
305	73.91	85.26	
310	68.40	80.03	
315	67.43	79.12	
320	68.72	80.33	
325	69.18	80.76	
330	67.17	78.87	
335	65.63	77.43	
340	75.80	87.07	
345	109.49	120.26	
350	166.89	178.76	
355	243.75	258.36	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission