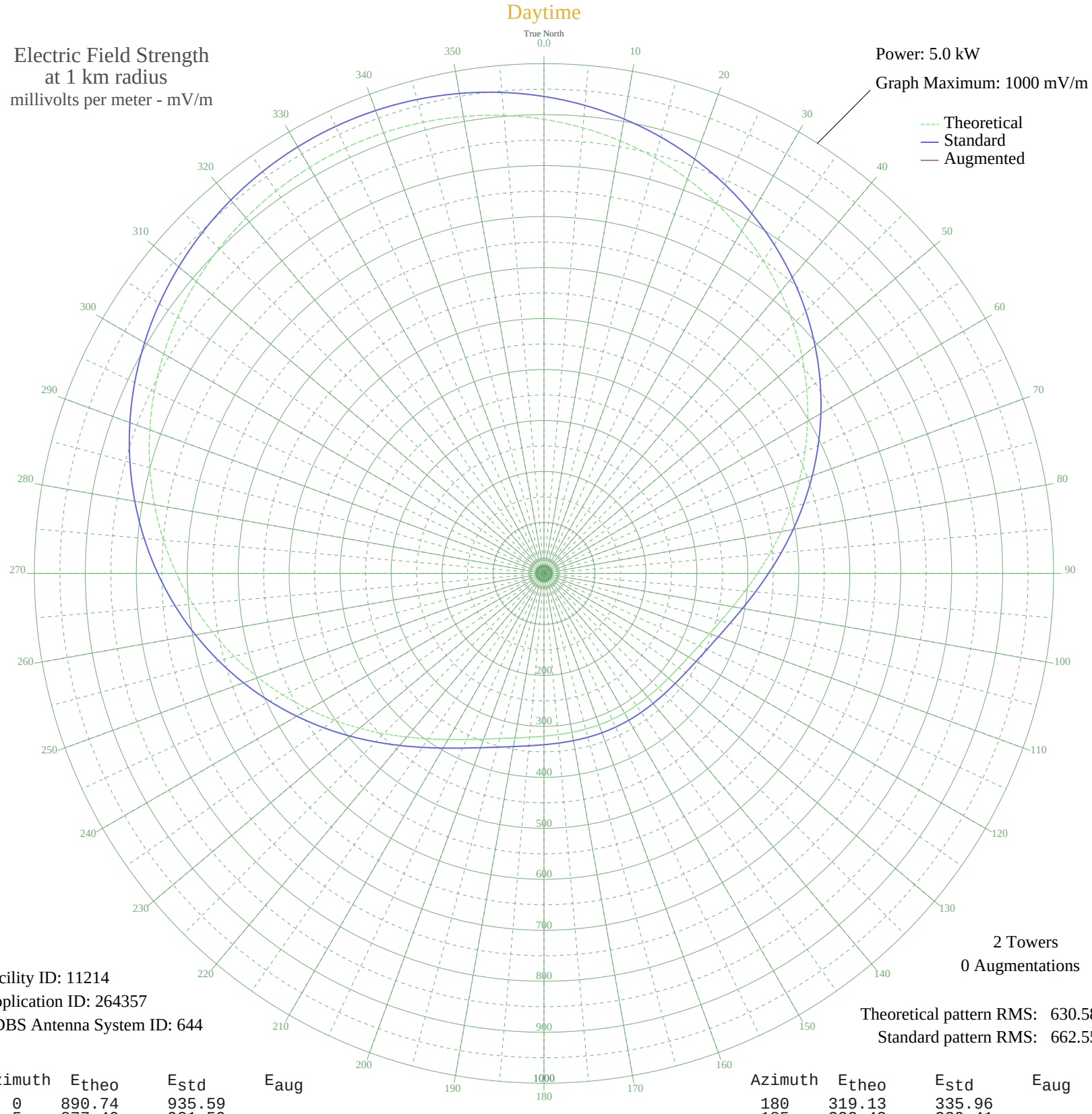
WEWC CALLAHAN, FL BL-19980325KB 1160 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 11214
Application ID: 264357
CDBS Antenna System ID: 644

Theoretical pattern RMS: 630.58
Standard pattern RMS: 662.55

Azimuth	E_{theo}	E_{std}	E_{aug}
0	890.74	935.59	
5	877.40	921.59	
10	861.67	905.08	
15	843.61	886.12	
20	823.26	864.76	
25	800.73	841.11	
30	776.14	815.30	
35	749.64	787.50	
40	721.45	757.90	
45	691.79	726.78	
50	660.95	694.42	
55	629.27	661.17	
60	597.11	627.43	
65	564.88	593.62	
70	533.03	560.20	
75	502.03	527.68	
80	472.36	496.56	
85	444.50	467.35	
90	418.91	440.52	
95	395.99	416.49	
100	376.05	395.59	
105	359.29	378.03	
110	345.74	363.84	
115	335.29	352.89	
120	327.65	344.89	
125	322.43	339.41	
130	319.13	335.96	
135	317.27	334.01	
140	316.36	333.06	
145	316.03	332.71	
150	315.95	332.62	
155	315.94	332.62	
160	315.95	332.62	
165	316.03	332.71	
170	316.36	333.06	
175	317.27	334.01	

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.

24 Jan 2006

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	319.13	335.96	
185	322.43	339.41	
190	327.65	344.89	
195	335.29	352.89	
200	345.74	363.84	
205	359.29	378.03	
210	376.05	395.59	
215	395.99	416.49	
220	418.91	440.52	
225	444.50	467.35	
230	472.36	496.56	
235	502.03	527.68	
240	533.03	560.20	
245	564.88	593.62	
250	597.11	627.43	
255	629.27	661.17	
260	660.95	694.42	
265	691.79	726.78	
270	721.45	757.90	
275	749.64	787.50	
280	776.14	815.30	
285	800.73	841.11	
290	823.26	864.76	
295	843.61	886.12	
300	861.67	905.08	
305	877.40	921.59	
310	890.74	935.59	
315	901.67	947.06	
320	910.18	955.99	
325	916.26	962.37	
330	919.90	966.20	
335	921.12	967.48	
340	919.90	966.20	
345	916.26	962.37	
350	910.18	955.99	
355	901.67	947.06	